LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	12	rVB	3031264	3338148	6.68%	1.069%
2	4.404	236	241	248	rVB	445817	597755	1.20%	0.191%
3	6.787	639	646	652	rVB	112036	211243	0.42%	0.068%
4	6.857	653	658	663	rVB	315213	436197	0.87%	0.140%
5	6.928	664	670	681	rVB	792048	1356749	2.71%	0.434%
6	7.098	693	699	711	rVB	615767	959717	1.92%	0.307%
7	7.293	725	732	740	rBV	832178	1339480	2.68%	0.429%
8	7.757	804	811	817	rBV	1193308	1839805	3.68%	0.589%
9	8.463	924	931	943	rBV	872182	1430455	2.86%	0.458%
10	8.916	1001	1008	1016	rBV	795508	1346513	2.69%	0.431%
11	9.281	1062	1070	1075	rBV	210061	305917	0.61%	0.098%
12	9.634	1121	1130	1141	rBV	716935	1198724	2.40%	0.384%
13	10.169	1214	1221	1237	rVB	1142288	1951587	3.90%	0.625%
14	10.545	1277	1285	1291	rBV	1625058	2744775	5.49%	0.879%
15	10.692	1303	1310	1324	rBV	242242	519804	1.04%	0.166%
16	13.810	1835	1840	1845	rVV	2041853	2875273	5.75%	0.921%
17	13.857	1845	1848	1854	rVB	623148	802661	1.61%	0.257%
18	14.092	1881	1888	1900	rVB	2287682	3501253	7.00%	1.121%
19	14.398	1933	1940	1947	rBV2	2358001	3710598	7.42%	1.188%
20	14.621	1971	1978	1988	rBV	575708	1016328	2.03%	0.325%
21	15.392	2104	2109	2115	rVV	2883860	4188604	8.38%	1.341%
22	15.451	2115	2119	2126	rVB	137025	213932	0.43%	0.069%
23	15.527	2126	2132	2138	rBV	424491	601710	1.20%	0.193%
24	15.945	2199	2203	2214	rVB6	77148	197609	0.40%	0.063%
25	16.474	2287	2293	2301	rVV4	186950	377275	0.75%	0.121%
26	16.551	2301	2306	2310	rVV	334021	480451	0.96%	0.154%
27	16.804	2346	2349	2355	rVB2	141102	214557	0.43%	0.069%
28	16.898	2357	2365	2369	rBV4	129960	279688	0.56%	0.090%
29	16.968	2373	2377	2384	rVB	131974	211531	0.42%	0.068%
30	17.045	2385	2390	2397	rBV	524837	773652	1.55%	0.248%
31	17.110	2397	2401	2403	rBV	278512	333612	0.67%	0.107%
32	17.151	2403	2408	2411	rVV	2599265	3581059	7.16%	1.147%
33	17.192	2411	2415	2419	rVV	2877826	3956082	7.91%	1.267%
34	17.251	2419	2425	2429	rVV	2676331	3933681	7.87%	1.260%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

35	17.280	2429	2430	2434	rVB	373618	293571	0.59%	0.094%
36	17.527	2468	2472	2475	rBV2	365674	542161	1.08%	0.174%
37	17.557	2475	2477	2486	rVB	280575	391453	0.78%	0.125%
38	17.662	2492	2495	2502	rVB3	141973	217012	0.43%	0.069%
39	17.933	2534	2541	2546	rBV	1738291	2763405	5.53%	0.885%
40	17.992	2546	2551	2555	rVV	2414185	3265383	6.53%	1.046%
41	18.057	2557	2562	2570	rVB2	5340788	8069358	16.14%	2.584%
42	18.151	2575	2578	2584	rVV	156357	253758	0.51%	0.081%
43	18.221	2584	2590	2593	rVV2	587772	1049100	2.10%	0.336%
44	18.251	2593	2595	2602	rVB	343068	492105	0.98%	0.158%
45	18.339	2605	2610	2614	rBV3	231660	414775	0.83%	0.133%
46	18.474	2629	2633	2637	rBV4	140293	193065	0.39%	0.062%
47	18.527	2638	2642	2646	rVV	379291	530015	1.06%	0.170%
48	18.574	2646	2650	2658	rVV	530523	746549	1.49%	0.239%
49	18.774	2680	2684	2689	rBV2	194432	310009	0.62%	0.099%
50	18.945	2709	2713	2719	rBV2	212657	429109	0.86%	0.137%
51	19.056	2729	2732	2736	rBV	786674	1001926	2.00%	0.321%
52	19.209	2749	2758	2772	rBV	11206311	19763583	39.53%	6.329%
53	19.327	2773	2778	2788	rVB3	955099	1548820	3.10%	0.496%
54	19.456	2797	2800	2803	rVB	183074	212488	0.43%	0.068%
55	19.545	2810	2815	2817	rBV3	4082363	5578100	11.16%	1.786%
56	19.580	2817	2821	2825	rVV	6716760	9290958	18.58%	2.975%
57	19.615	2825	2827	2829	rVV2	283243	326893	0.65%	0.105%
58	19.645	2829	2832	2837	rVB2	370392	506623	1.01%	0.162%
59	19.751	2847	2850	2856	rVB	385205	534381	1.07%	0.171%
60	19.898	2869	2875	2876	rBV2	423283	717938	1.44%	0.230%
61	20.068	2893	2904	2909	rBV2	1210154	2647326	5.30%	0.848%
62	20.168	2917	2921	2925	rBV2	782862	1000494	2.00%	0.320%
63	20.227	2925	2931	2934	rVV2	621411	1096894	2.19%	0.351%
64	20.262	2934	2937	2941	rVB	337832	430478	0.86%	0.138%
65	20.368	2952	2955	2958	rVV	274060	332474	0.67%	0.106%
66	20.409	2959	2962	2967	rVB3	432743	603541	1.21%	0.193%
67	20.821	3028	3032	3038	rVB	753989	1064741	2.13%	0.341%
68	20.980	3055	3059	3063	rBV2	751105	1134433	2.27%	0.363%
69	21.039	3063	3069	3078	rVV4	1656184	3731916	7.46%	1.195%
70	21.115	3078	3082	3093	rVB2	910078	1419629	2.84%	0.455%
71	21.327	3112	3118	3123	rBV3	4875163	10529440	21.06%	3.372%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Title : SVOA CALIBRATION

72	21.374	3123	3126	3135	rVB	5039473	6560274	13.12%	2.101%
73	21.492	3142	3146	3152	rVB	823139	1035364	2.07%	0.332%
74	21.656	3169	3174	3179	rBV2	927614	1623107	3.25%	0.520%
75	21.915	3216	3218	3219	rBV	417437	369260	0.74%	0.118%
76	21.939	3219	3222	3230	rVB3	1444445	2516247	5.03%	0.806%
77	22.092	3245	3248	3251	rBV2	516257	813157	1.63%	0.260%
78	22.121	3251	3253	3259	rVB2	833416	1162173	2.32%	0.372%
79	22.186	3261	3264	3270	rVB2	498512	776291	1.55%	0.249%
80	22.386	3294	3298	3301	rBV2	637137	889411	1.78%	0.285%
81	22.515	3316	3320	3324	rBV	662479	865781	1.73%	0.277%
82	22.627	3333	3339	3344	rBV	15534071	22416957	44.84%	7.178%
83	22.956	3381	3395	3405	rBV2	20346559	49992478	100.00%	16.008%
84	23.103	3416	3420	3426	rVB	692737	1077218	2.15%	0.345%
85	23.421	3468	3474	3478	rBV	2884412	5393532	10.79%	1.727%
86	23.468	3478	3482	3486	rVV	2580560	4730978	9.46%	1.515%
87	23.521	3486	3491	3500	rVV	3812544	7125504	14.25%	2.282%
88	23.615	3502	3507	3512	rVV	2076756	4046232	8.09%	1.296%
89	23.662	3512	3515	3523	rVB2	1144462	2167918	4.34%	0.694%
90	23.797	3532	3538	3545	rVB	4129913	7220689	14.44%	2.312%
91	24.127	3588	3594	3604	rVB	3726254	7232645	14.47%	2.316%
92	24.221	3604	3610	3620	rBV	2359558	4820810	9.64%	1.544%
93	24.891	3718	3724	3736	rVB4	1341340	3459554	6.92%	1.108%
94	25.344	3794	3801	3813	rVB2	2474033	6551562	13.11%	2.098%
95	25.768	3866	3873	3878	rBV	1869813	4549076	9.10%	1.457%
96	25.921	3891	3899	3911	rVB2	3610212	10638100	21.28%	3.406%
97	26.056	3917	3922	3933	rVB2	1330023	3678158	7.36%	1.178%
98	26.627	4011	4019	4024	rBV	1562917	4753869	9.51%	1.522%
99	26.691	4025	4030	4041	rVB2	2596960	7345034	14.69%	2.352%
100	28.291	4296	4302	4317	rVB4	1291955	4219869	8.44%	1.351%

Sum of corrected areas: 312291577

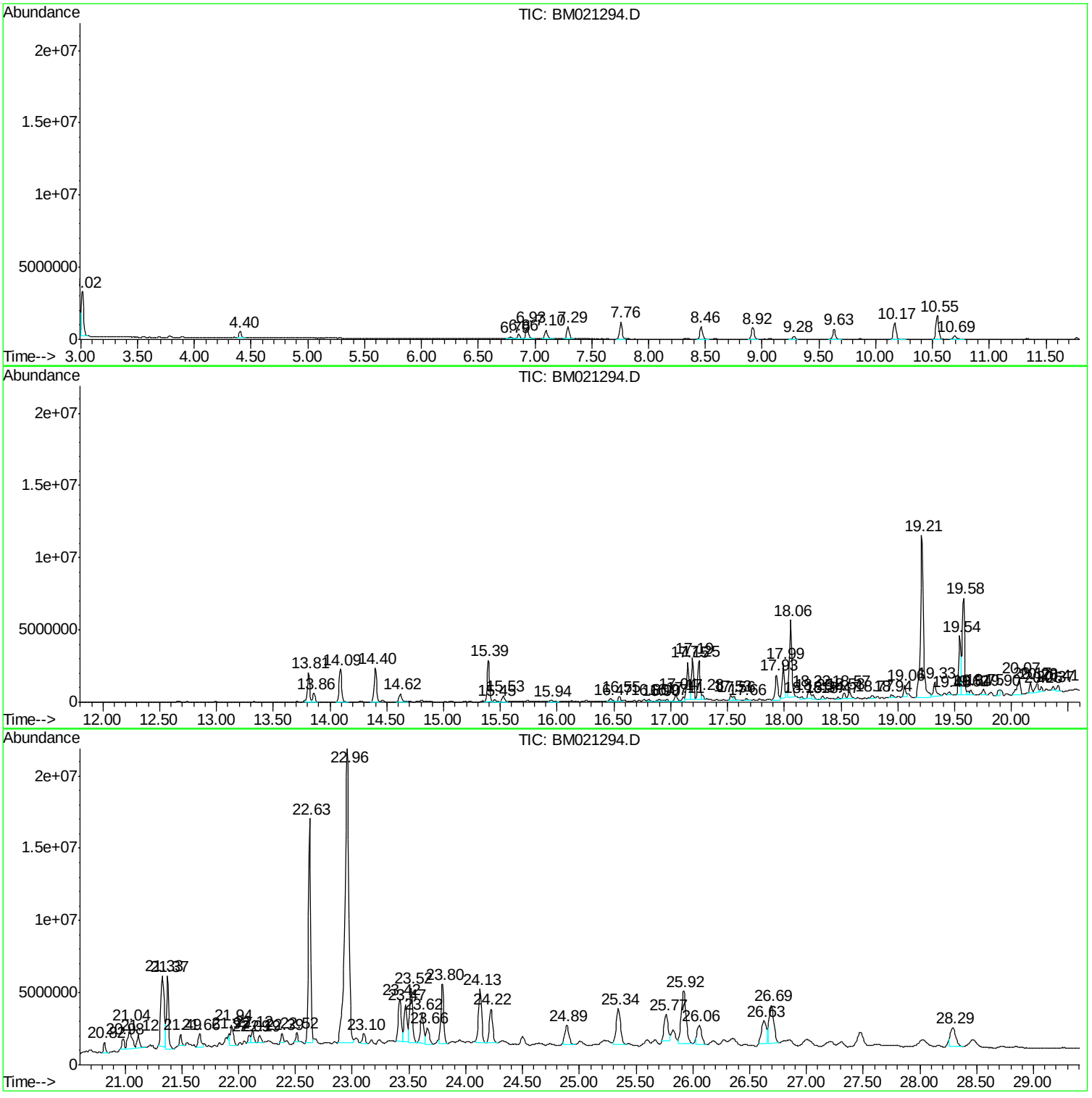
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

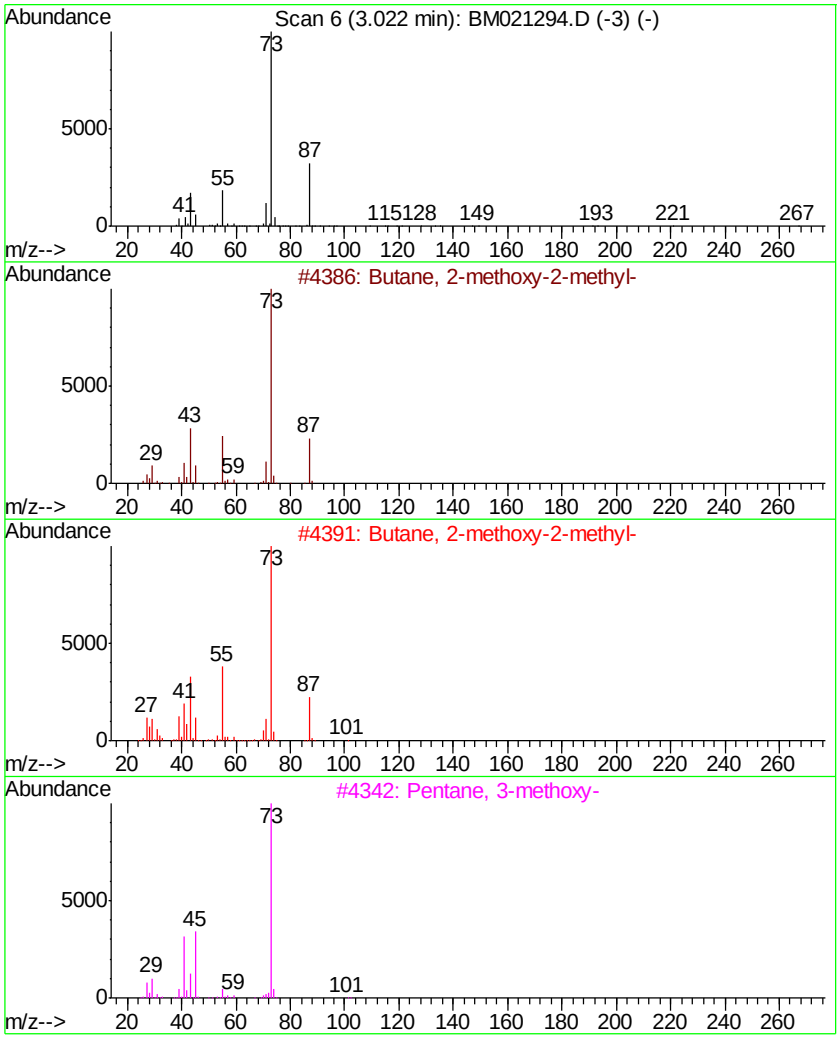
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

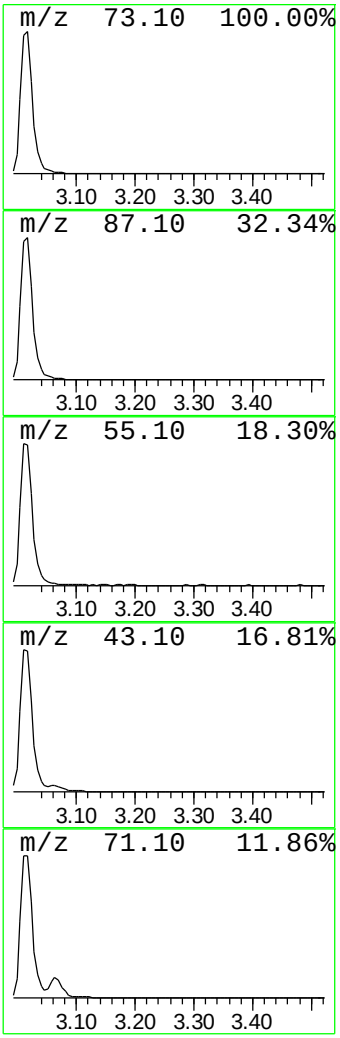
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	36.29 ng/ul	3338150	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

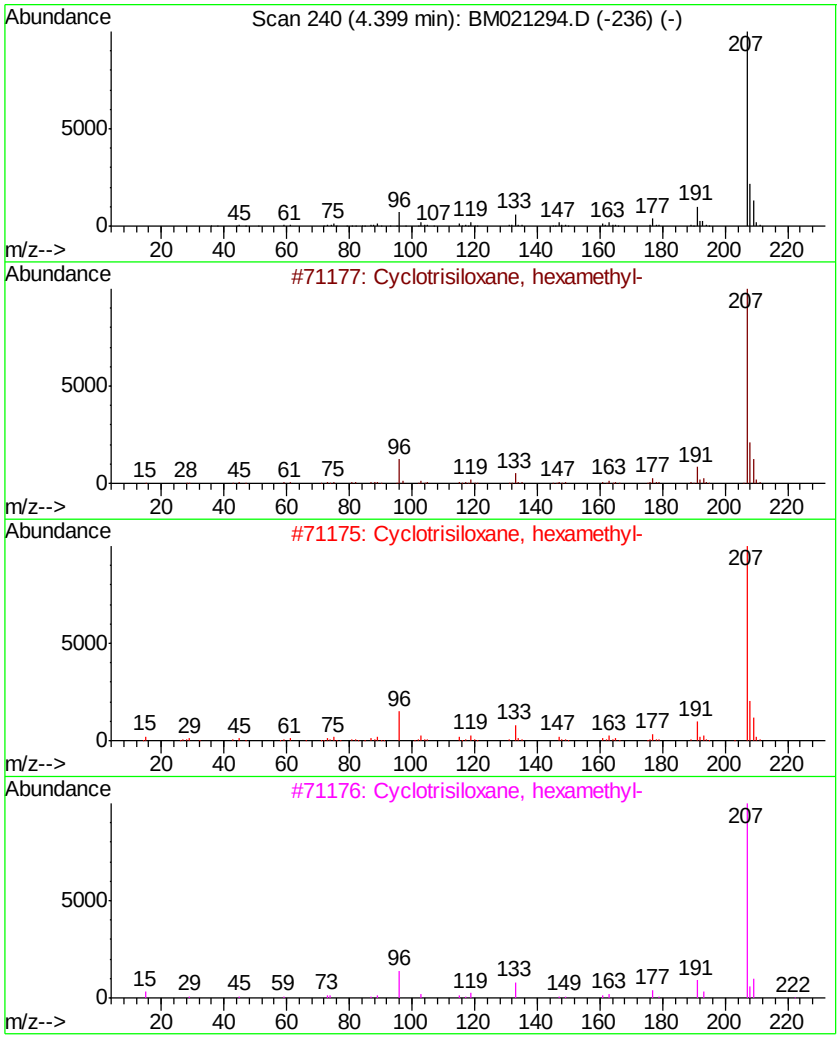
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

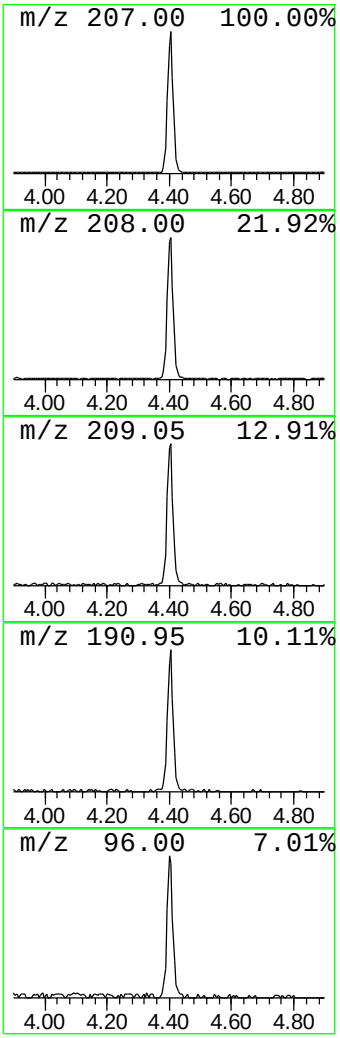
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.50 ng/ul	597755	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

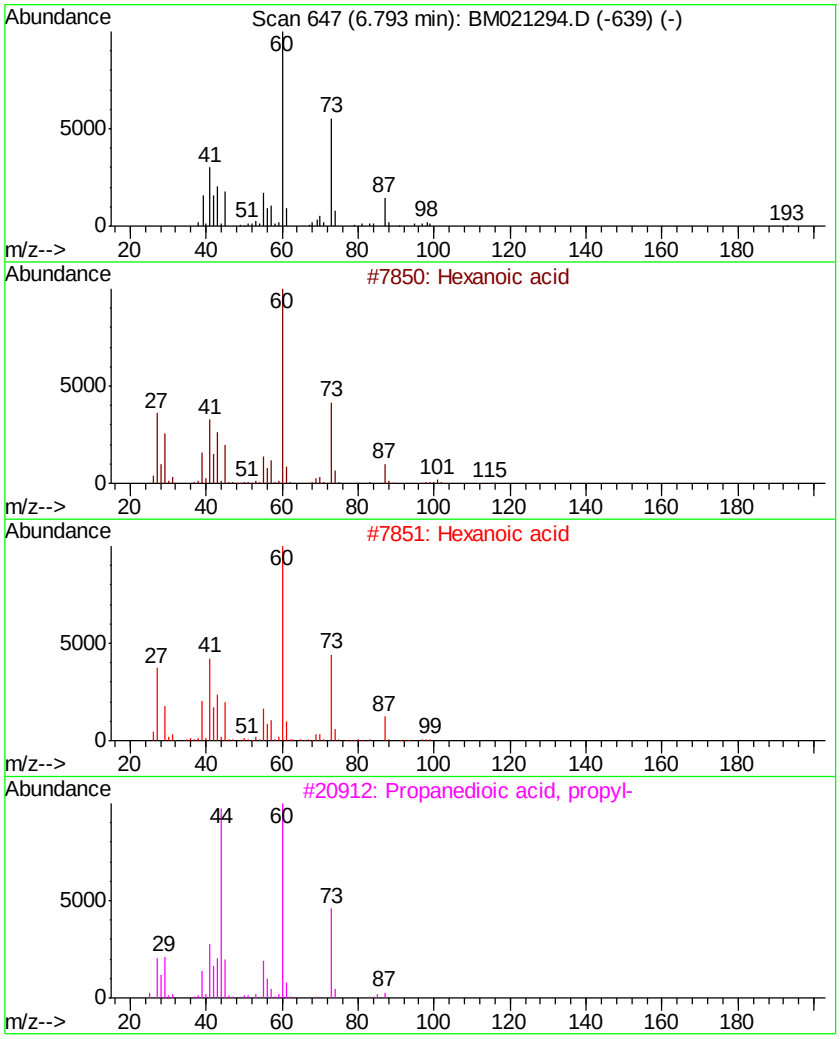
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

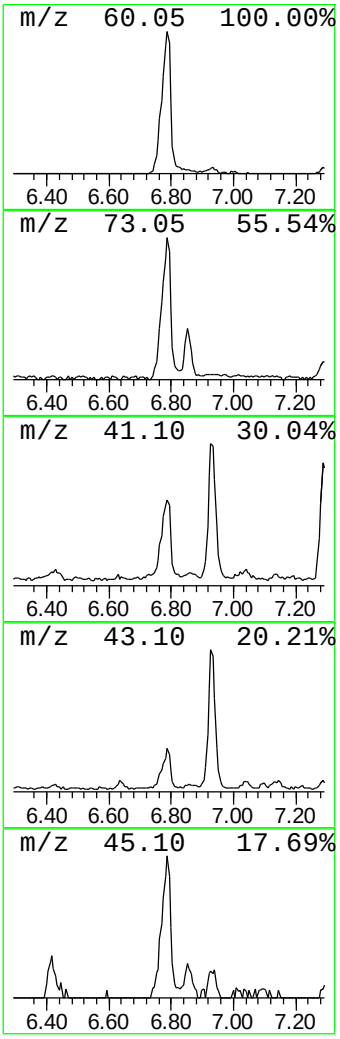
****

Peak Number 3 Hexanoic acid Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.30 ng/ul	211243	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Hexanoic acid	116	C6H12O2	000142-62-1	83
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	83
4	Octanoic Acid	144	C8H16O2	000124-07-2	78
5	Hexanoic acid	116	C6H12O2	000142-62-1	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

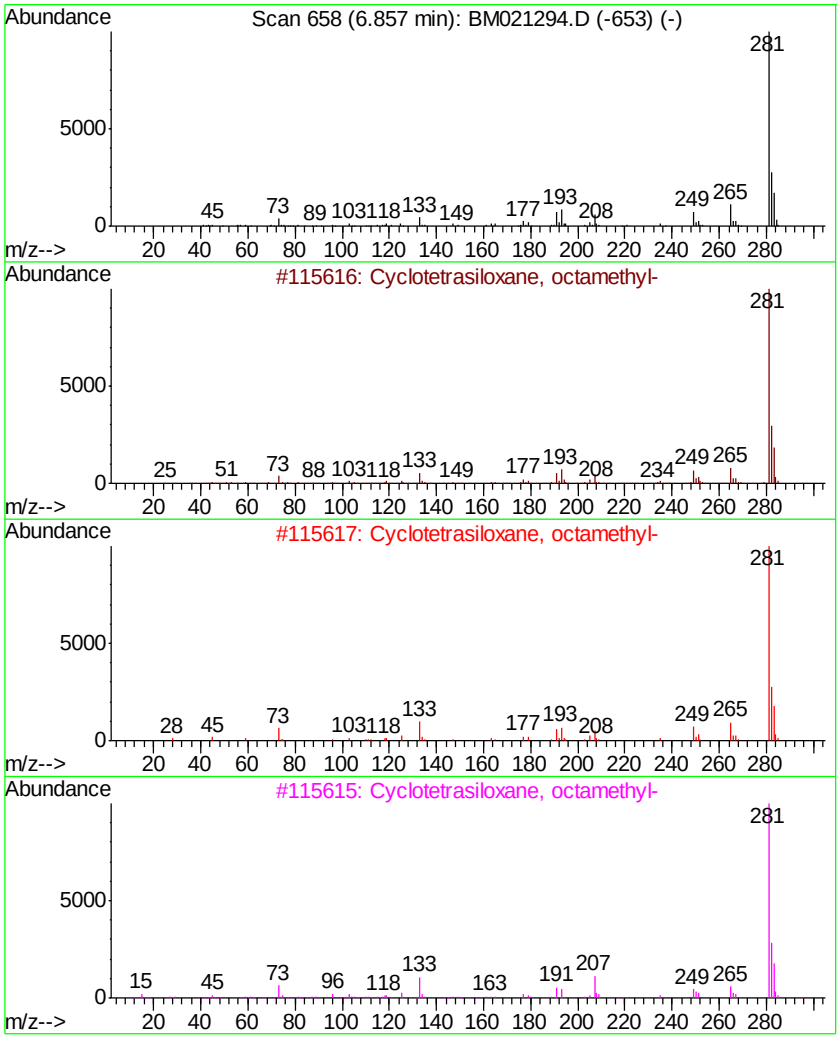
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

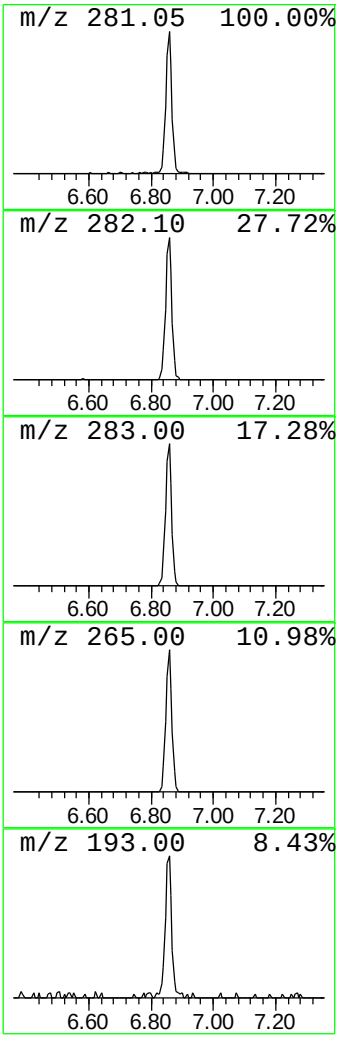
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclotetrasiloxane, octamet... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	4.74 ng/ul	436197	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
4	4H-1,2,4-Triazole-3-thiol, 4-all...	281	C16H15N3S	031803-13-1	53
5	Benzofuran-6-ol-3-one, 2-(4-etho...	310	C18H14O5	1000128-64-6	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

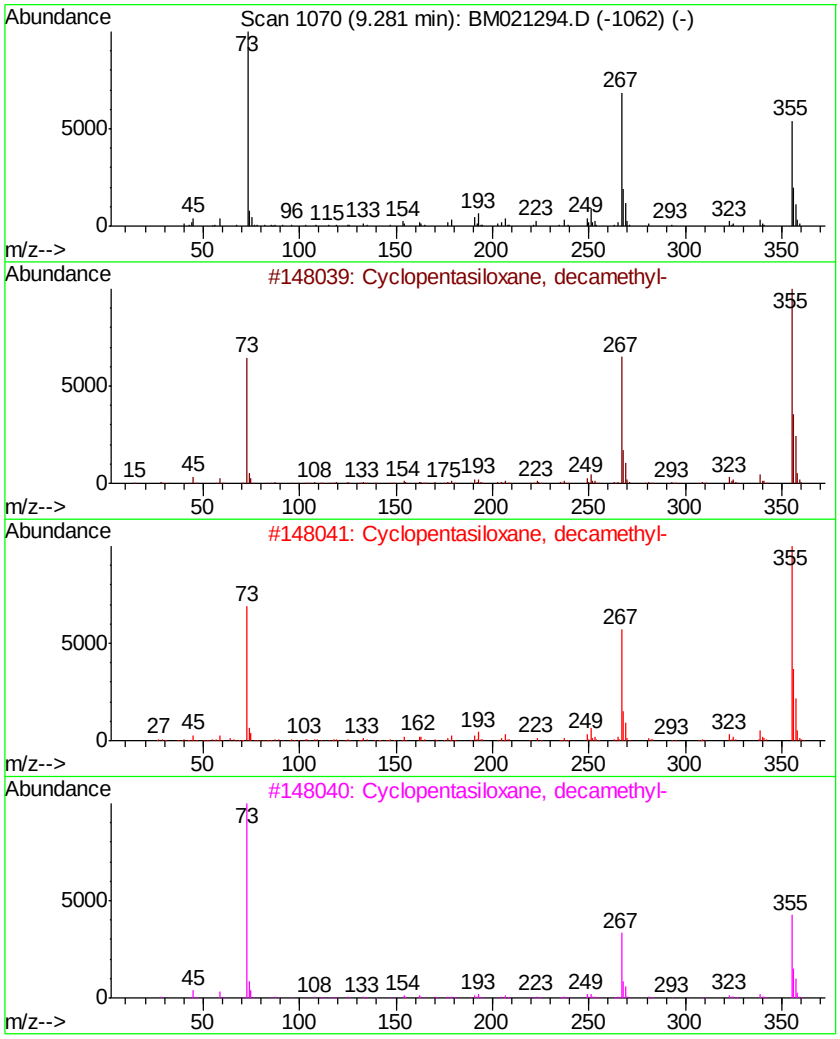
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

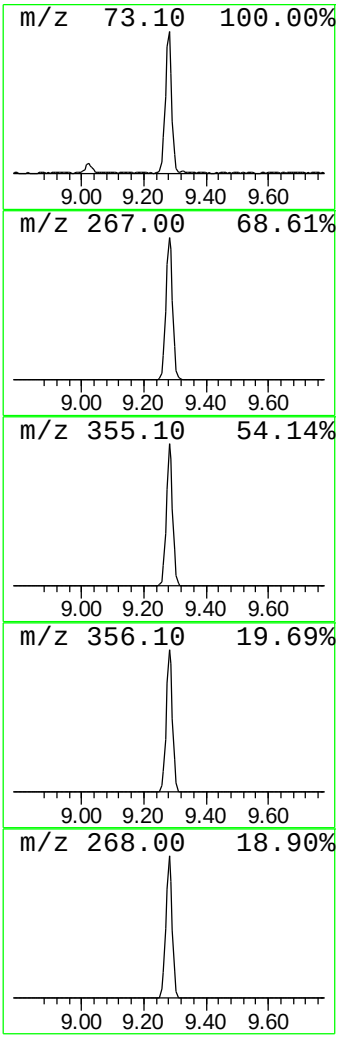
****

Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.23 ng/ul	305917	Naphthalene-d8	10.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
4	Benzoic acid, 2,5-bis(trimethyls...	370	C16H30O4Si3	003618-20-0	43
5	Silane, [[4-[1,2-bis[(trimethyls...	458	C20H42O4Si4	056114-62-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

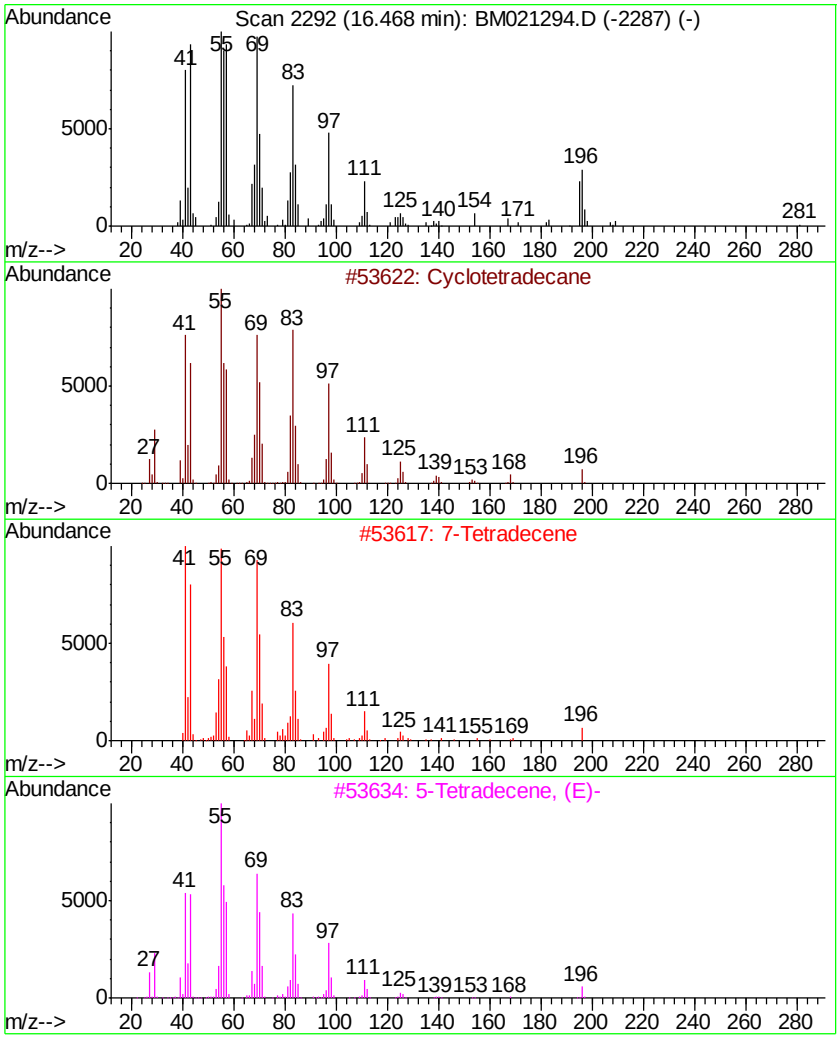
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

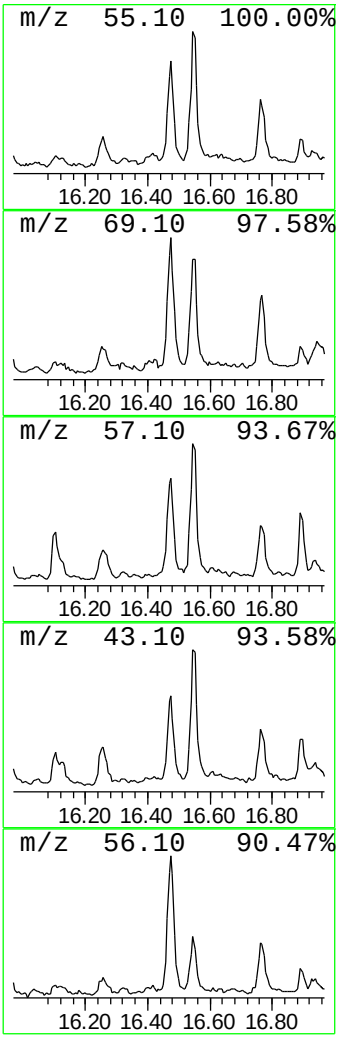
****

Peak Number 6 (DEL) Alkane: Cyclic16.47 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	2.11 ng/ul	377275	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	7-Tetradecene	196	C14H28	010374-74-0	92
3	5-Tetradecene, (E)-	196	C14H28	041446-66-6	90
4	1-Tridecene	182	C13H26	002437-56-1	90
5	Cyclotetradecane	196	C14H28	000295-17-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

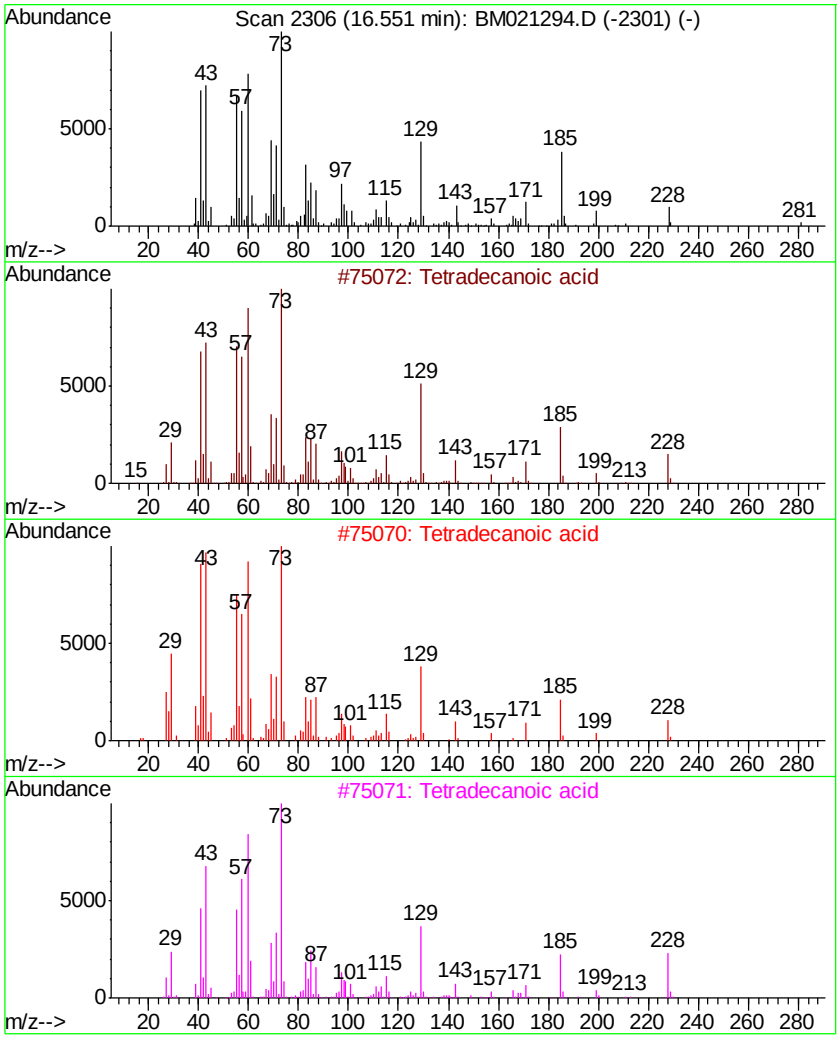
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

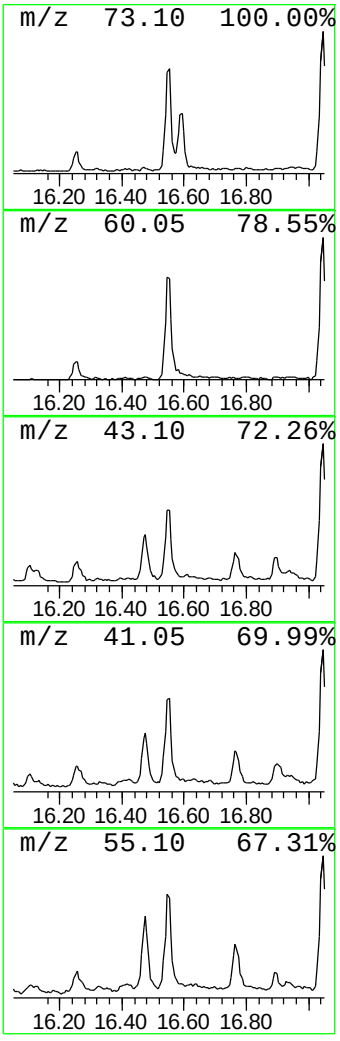
****

Peak Number 7 Tetradecanoic acid Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.68 ng/ul	480451	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

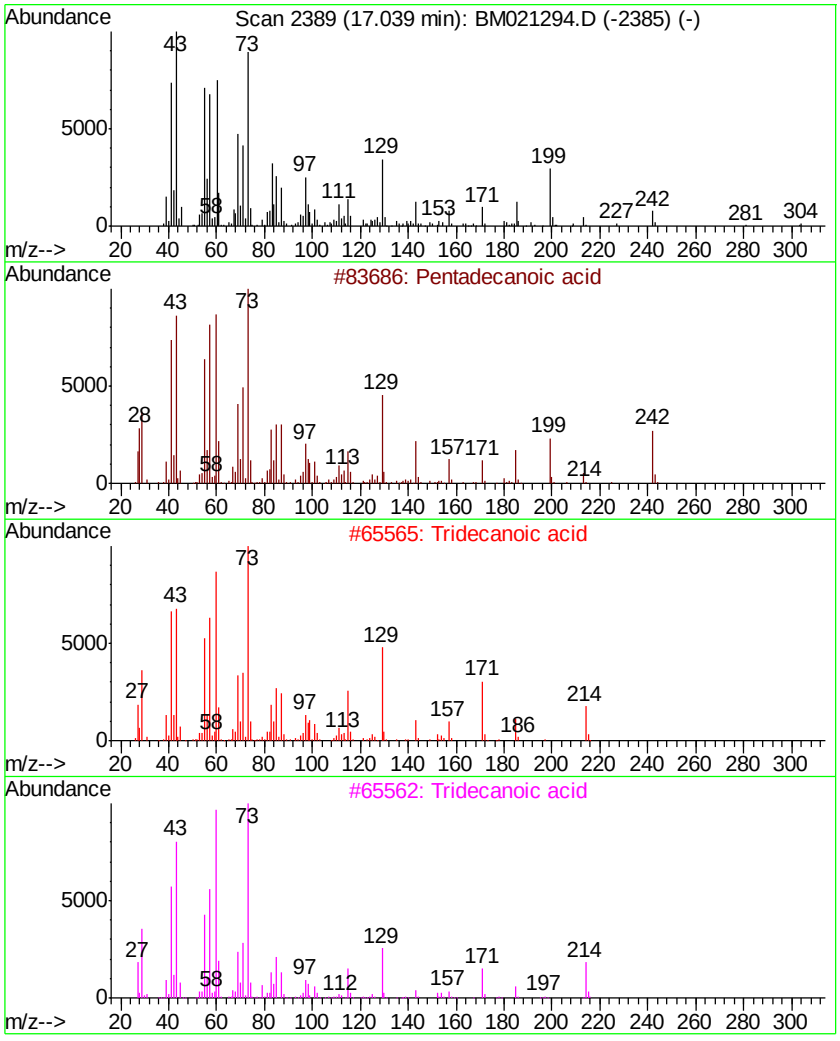
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

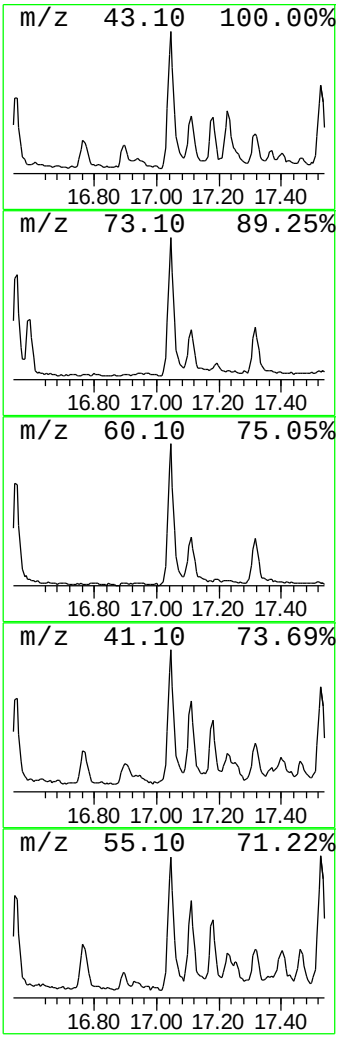
****

Peak Number 8 Pentadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	4.32 ng/ul	773652	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	76
4	Dodecanoic acid	200	C12H24O2	000143-07-7	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

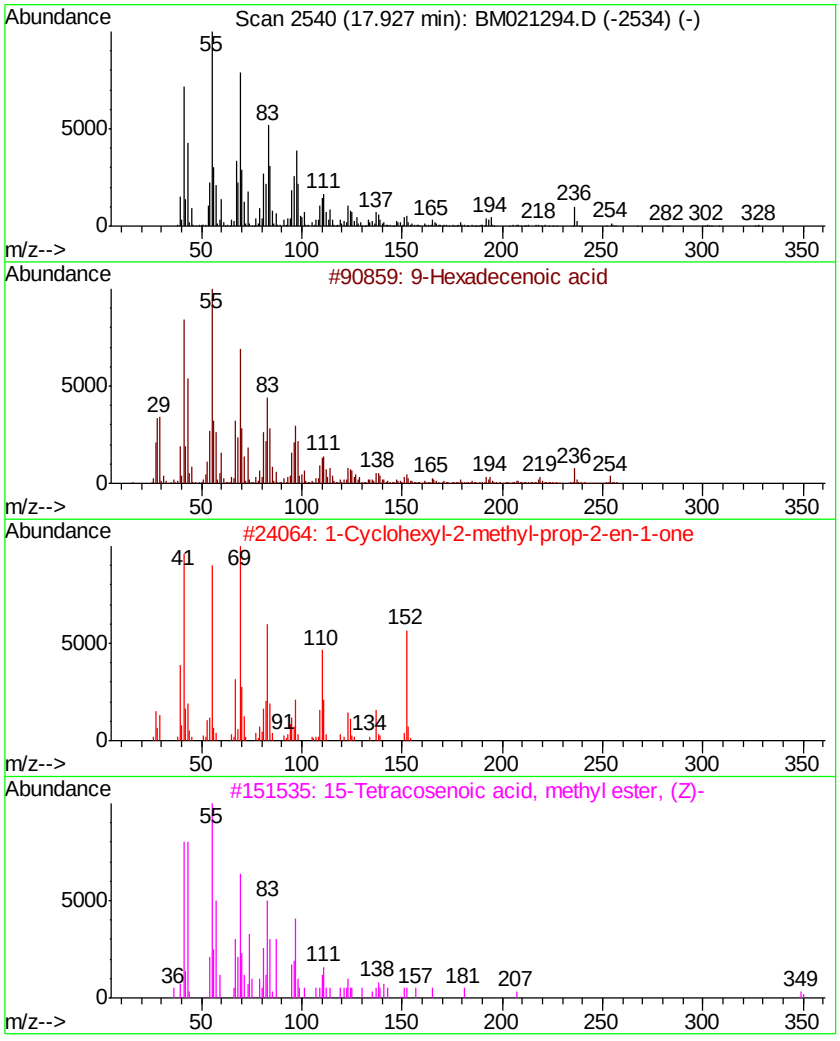
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

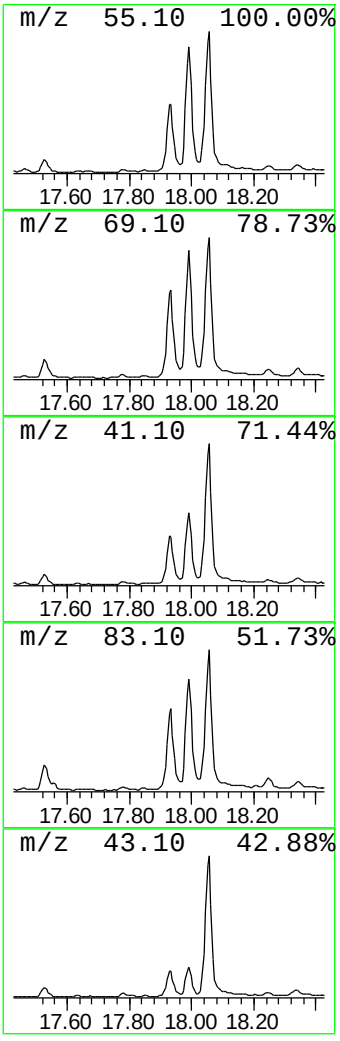
****

Peak Number 9 9-Hexadecenoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	15.43 ng/ul	2763410	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64
2	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	60
3	15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	55
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	53
5	4-n-Hexylthiane, S,S-dioxide	218	C11H22O2S	070928-52-8	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

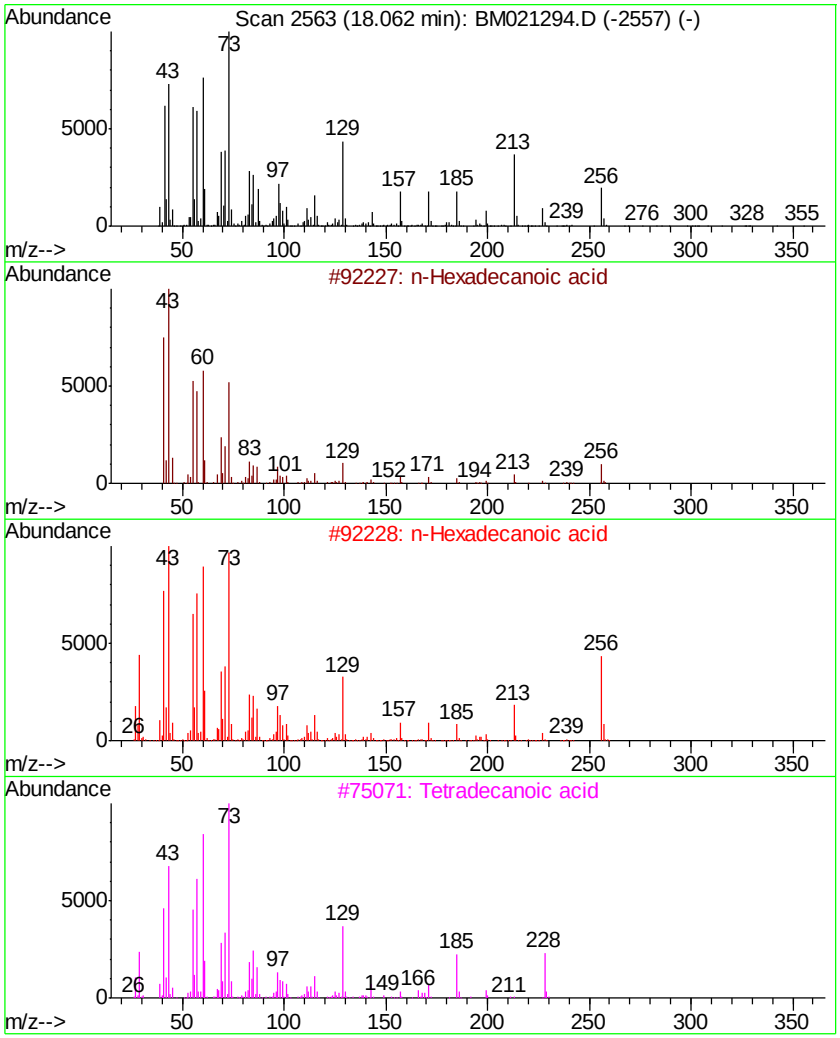
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

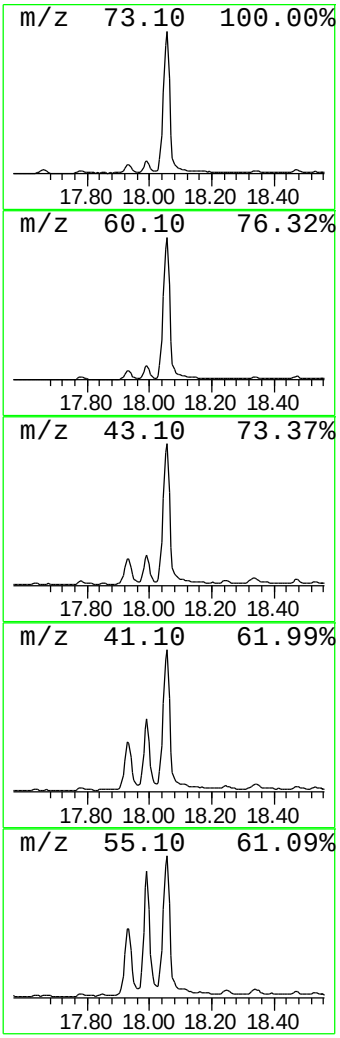
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	45.07 ng/ul	8069360	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

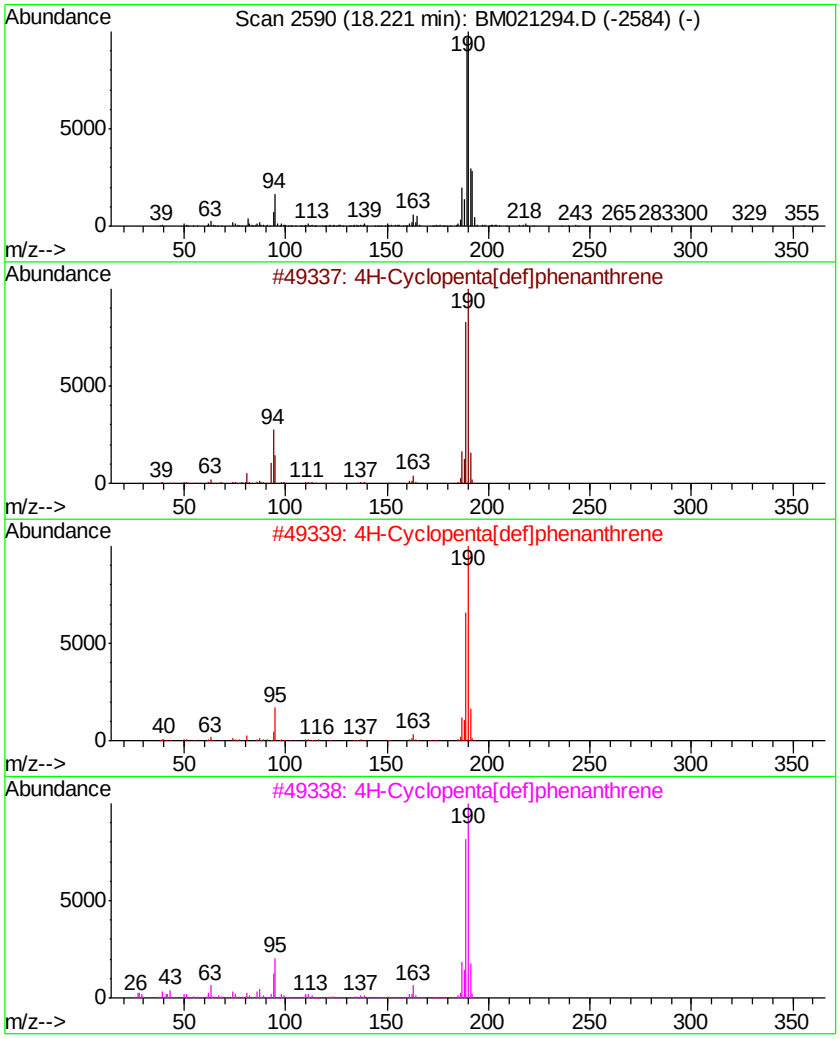
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

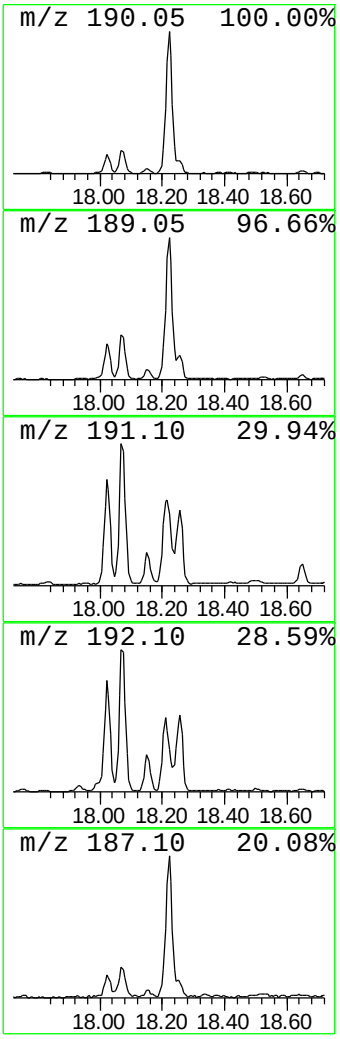
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.22	5.86 ng/ul	1049100	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

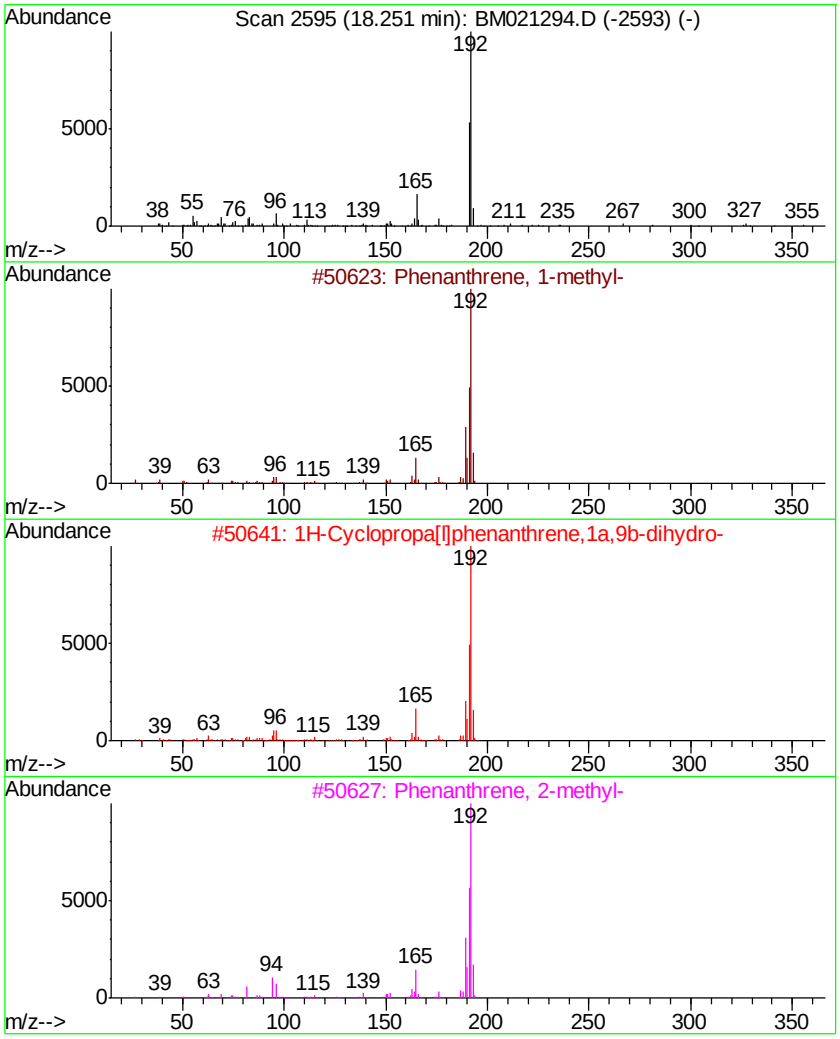
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

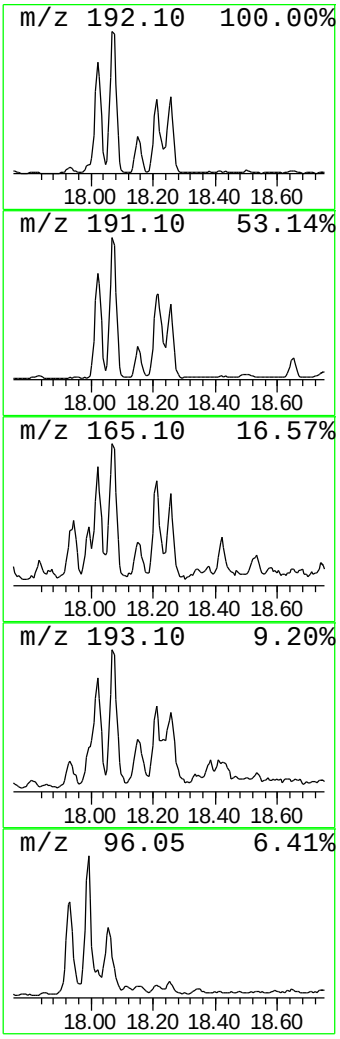
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.75 ng/ul	492105	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

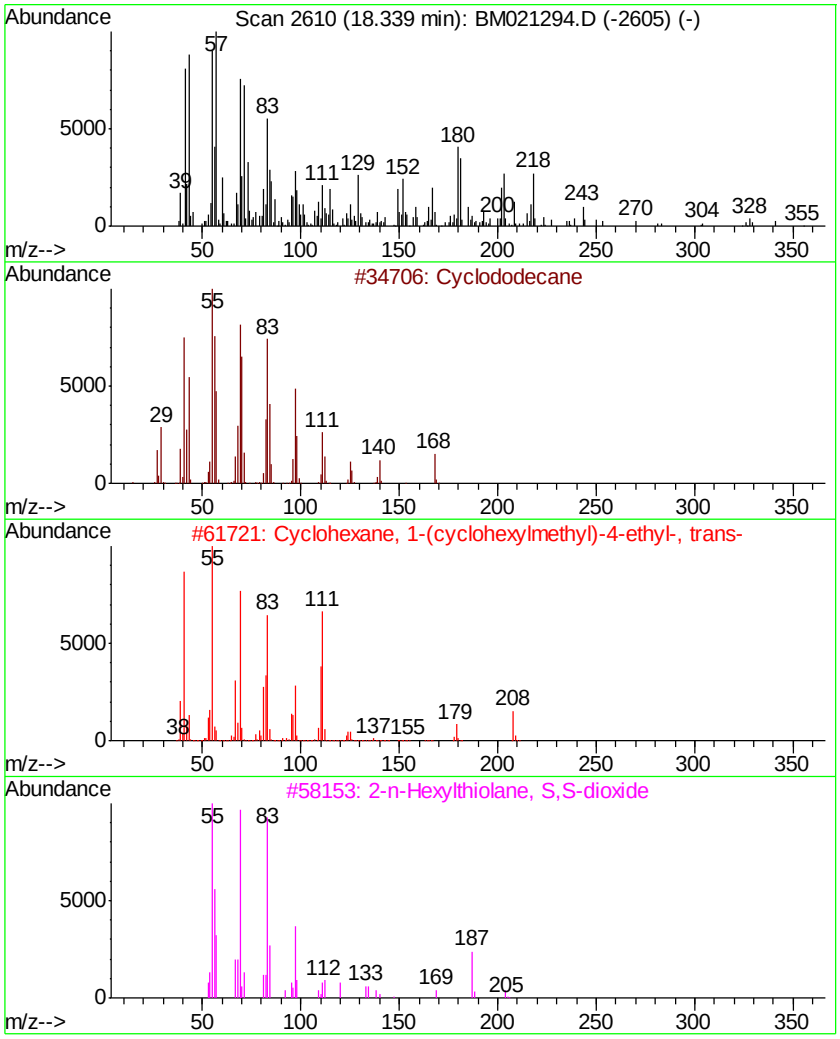
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

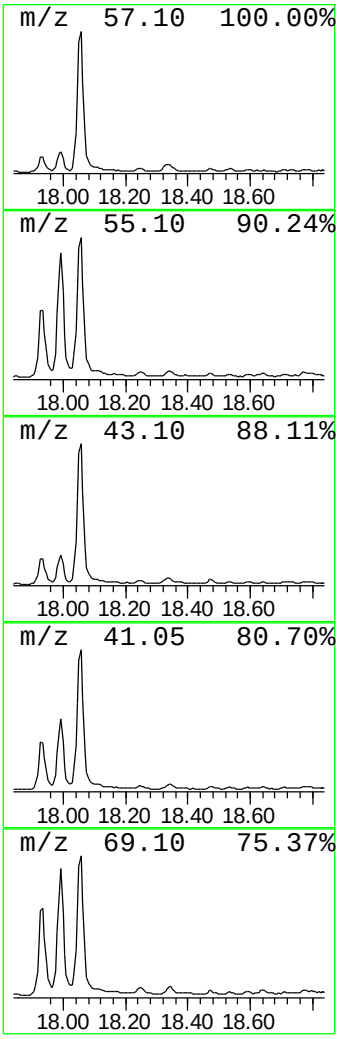
****

Peak Number 14 (DEL) Alkane: Cyclic18.34 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.32 ng/ul	414775	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	45
2	Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-94-0	38
3	2-n-Hexylthiolane, S,S-dioxide	204	C10H20O2S	071053-04-8	35
4	Cyclododecane	168	C12H24	000294-62-2	35
5	2,6,10-Dodecatrienoic acid, 3,7,...	250	C16H26O2	010485-70-8	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

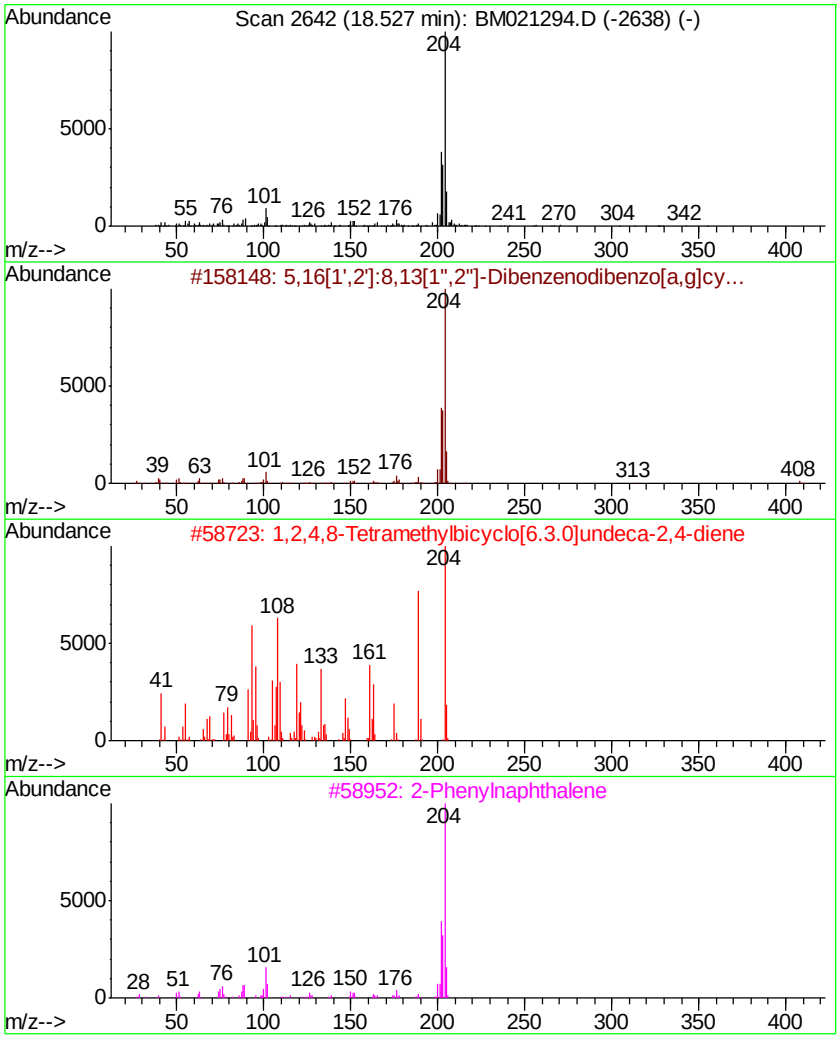
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

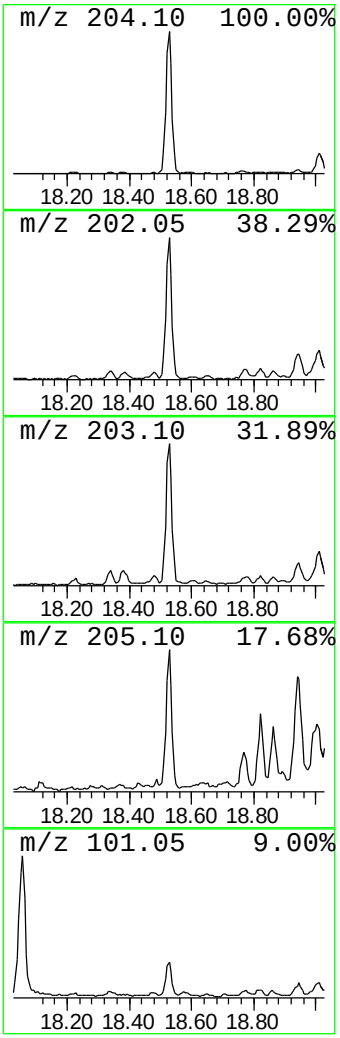
****

Peak Number 15 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.96 ng/ul	530015	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
3	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
4	Anthracene, 9,10-bis(O-anisyloxy...	450	C30H26O4	1000154-05-7	83
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

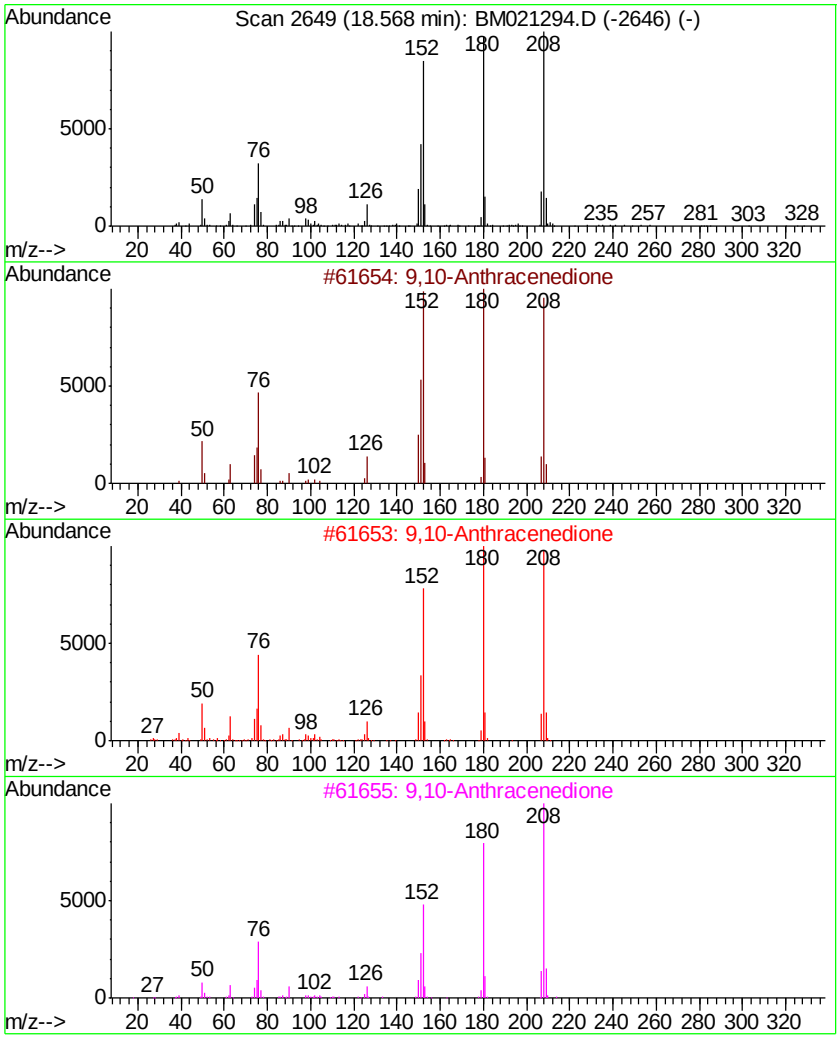
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

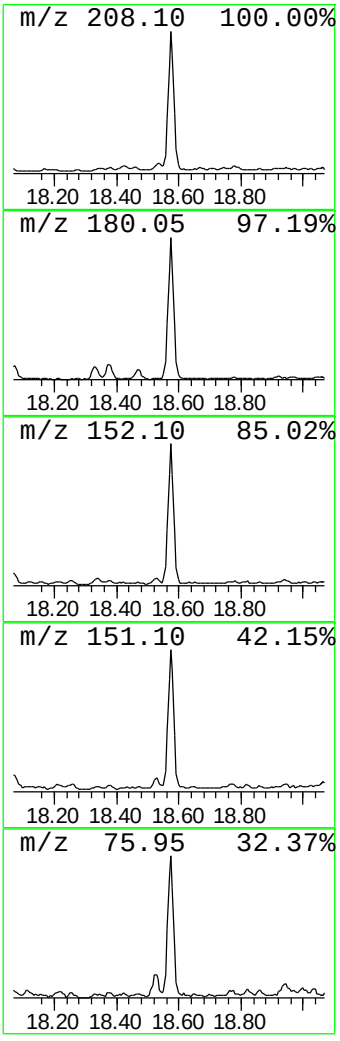
****

Peak Number 16 9,10-Anthracenedione Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	4.17 ng/ul	746549	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

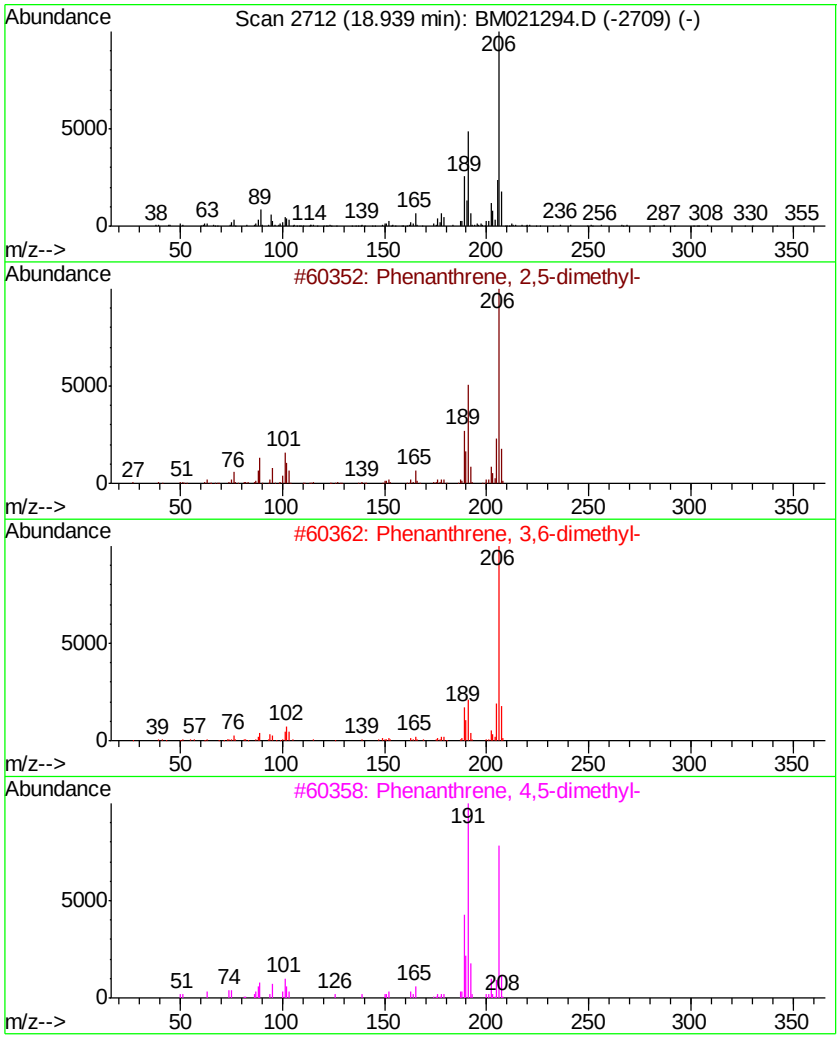
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

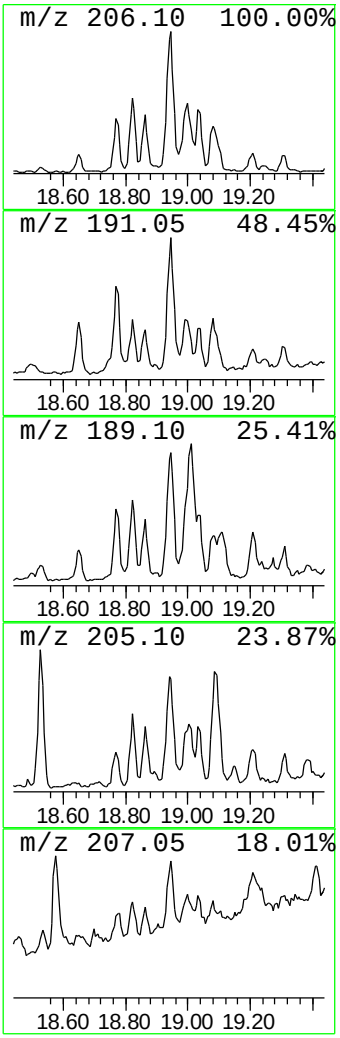
****

Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.40 ng/ul	429109	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

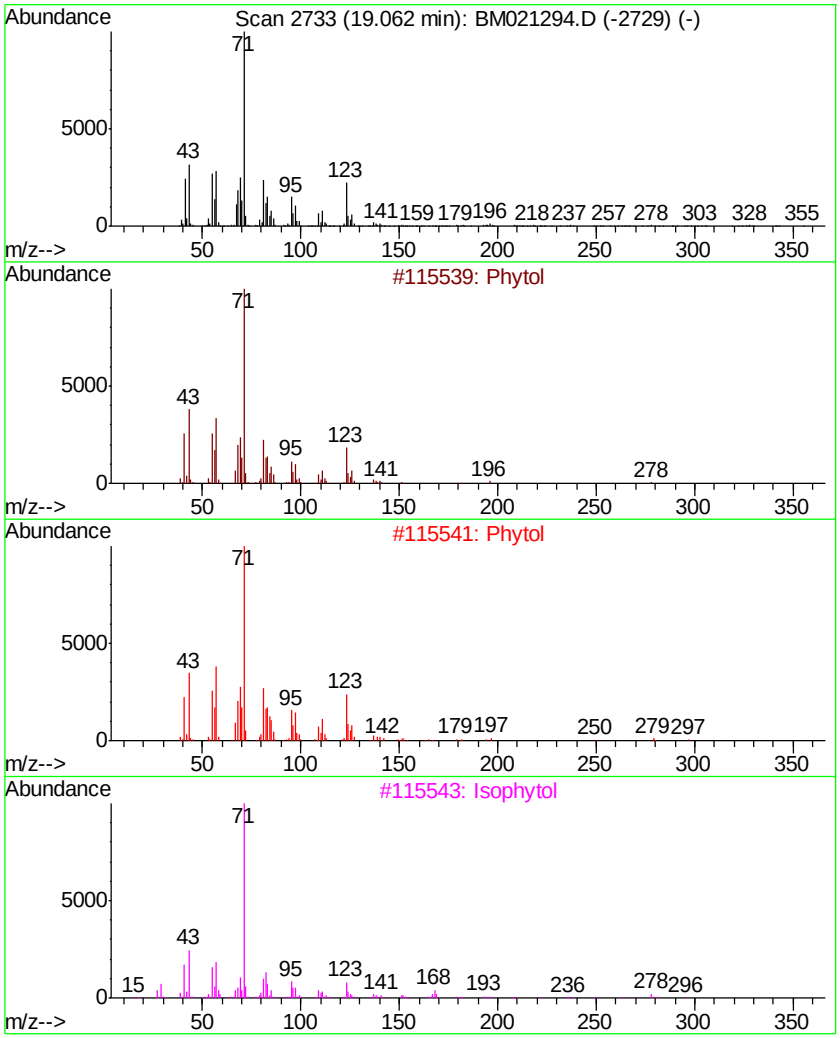
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

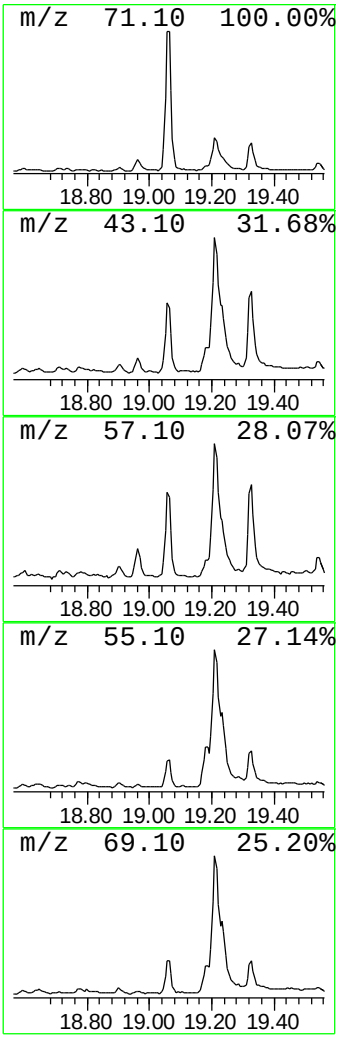
****

Peak Number 18 Phytol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	5.60 ng/ul	1001930	Phenanthrene-d10	17.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phytol	296	C20H40O	000150-86-7	90
2	Phytol	296	C20H40O	000150-86-7	86
3	Isophytol	296	C20H40O	000505-32-8	64
4	1-Hexadecen-3-ol, 3,5,11,15-tetr...	296	C20H40O	1000262-55-5	64
5	Isophytol	296	C20H40O	000505-32-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

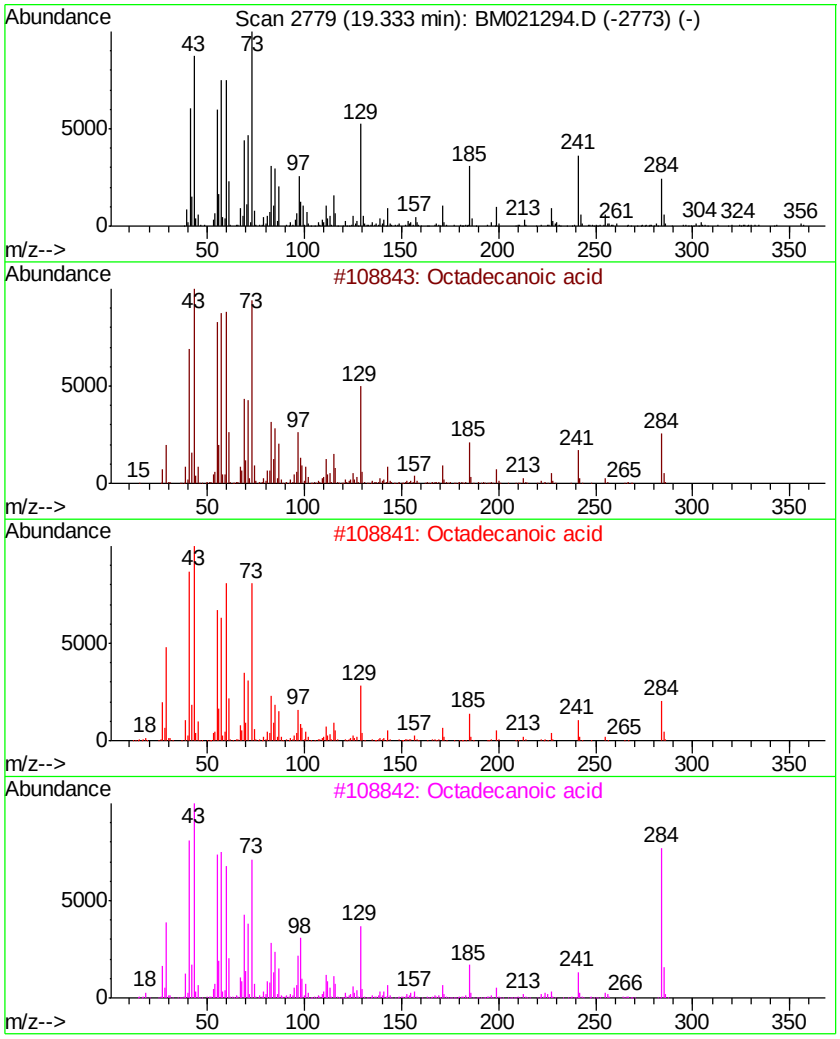
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

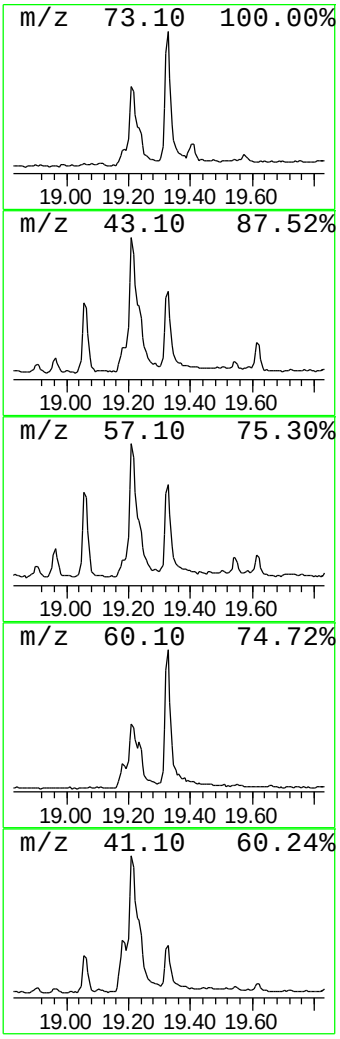
****

Peak Number 19 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.94 ng/ul	1548820	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	86
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

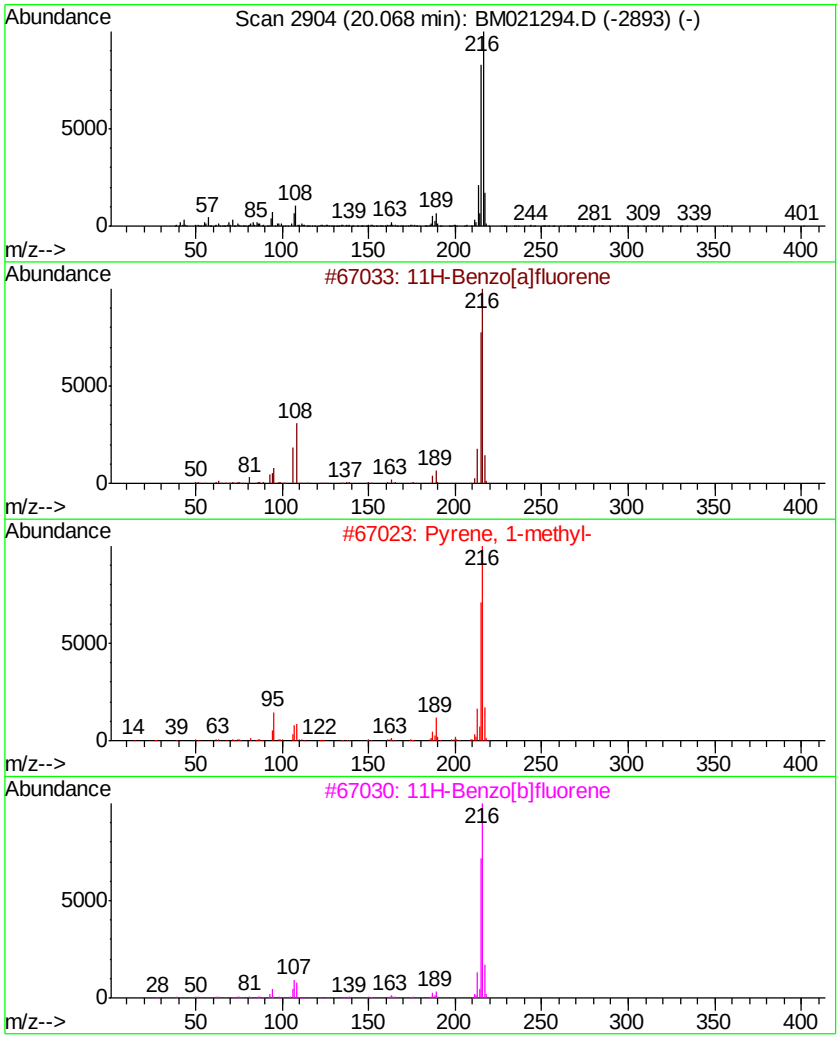
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

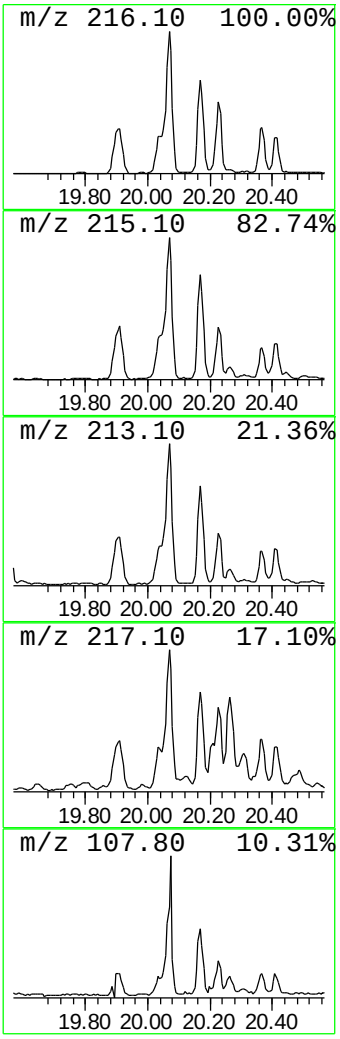
****

Peak Number 20 11H-Benzo[a]fluorene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	5.03 ng/ul	2647330	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

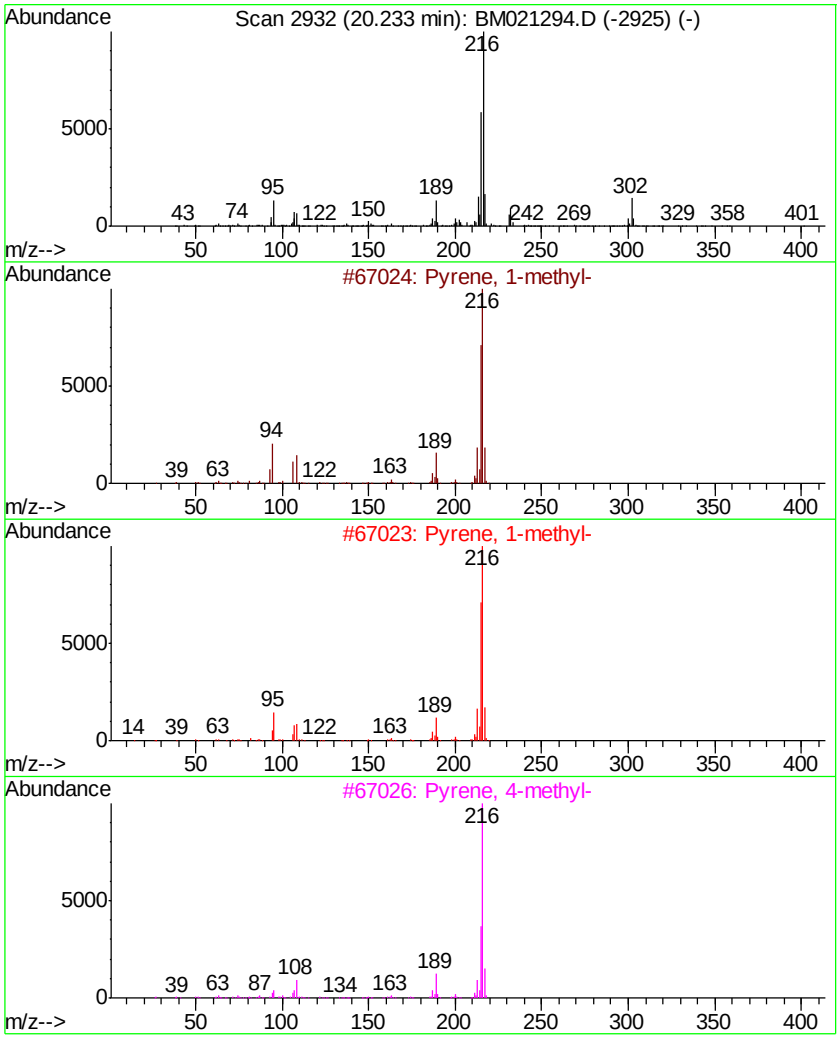
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

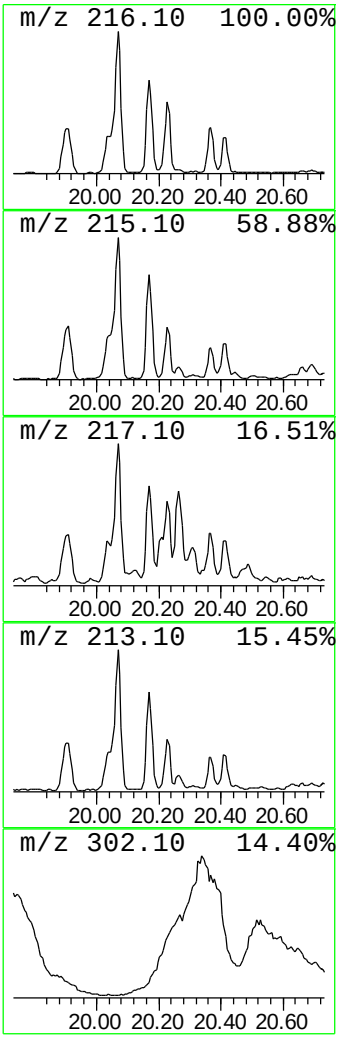
****

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.08 ng/ul	1096890	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

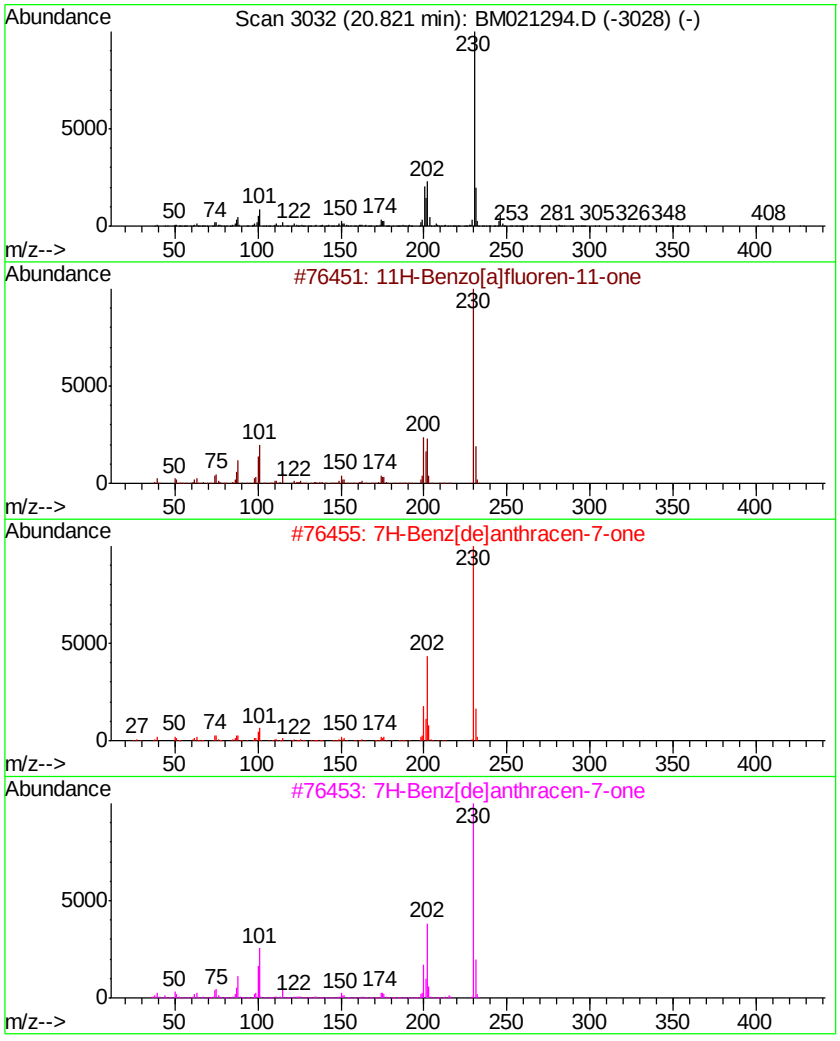
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

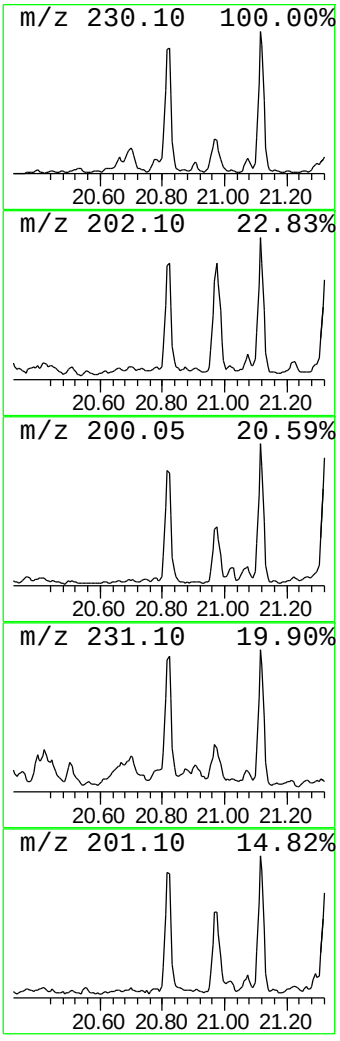
****

Peak Number 22 11H-Benzo[a]fluoren-11-one Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	2.02 ng/ul	1064740	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

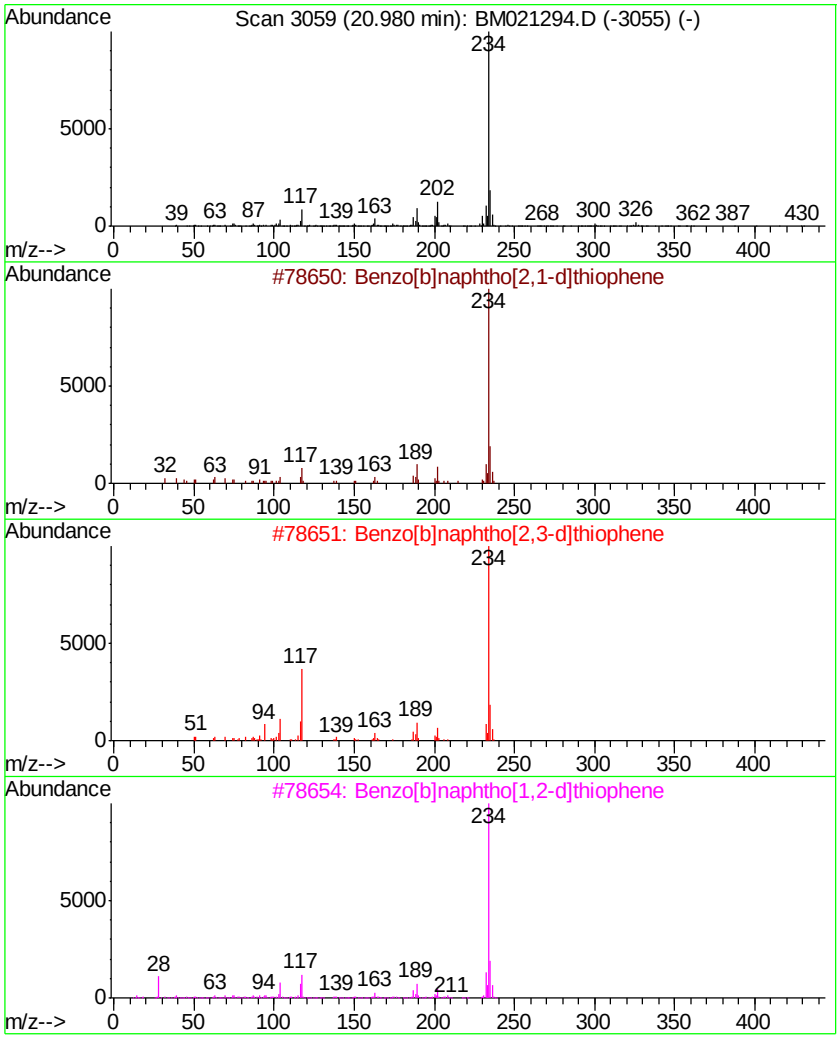
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

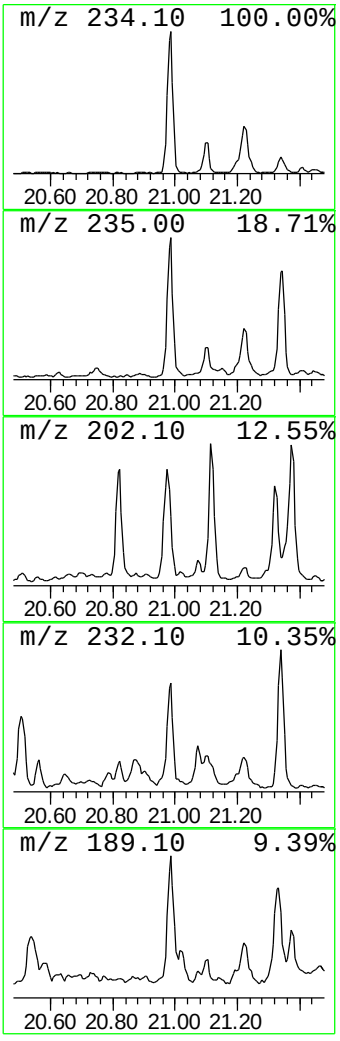
****

Peak Number 23 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	2.15 ng/ul	1134430	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	90
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

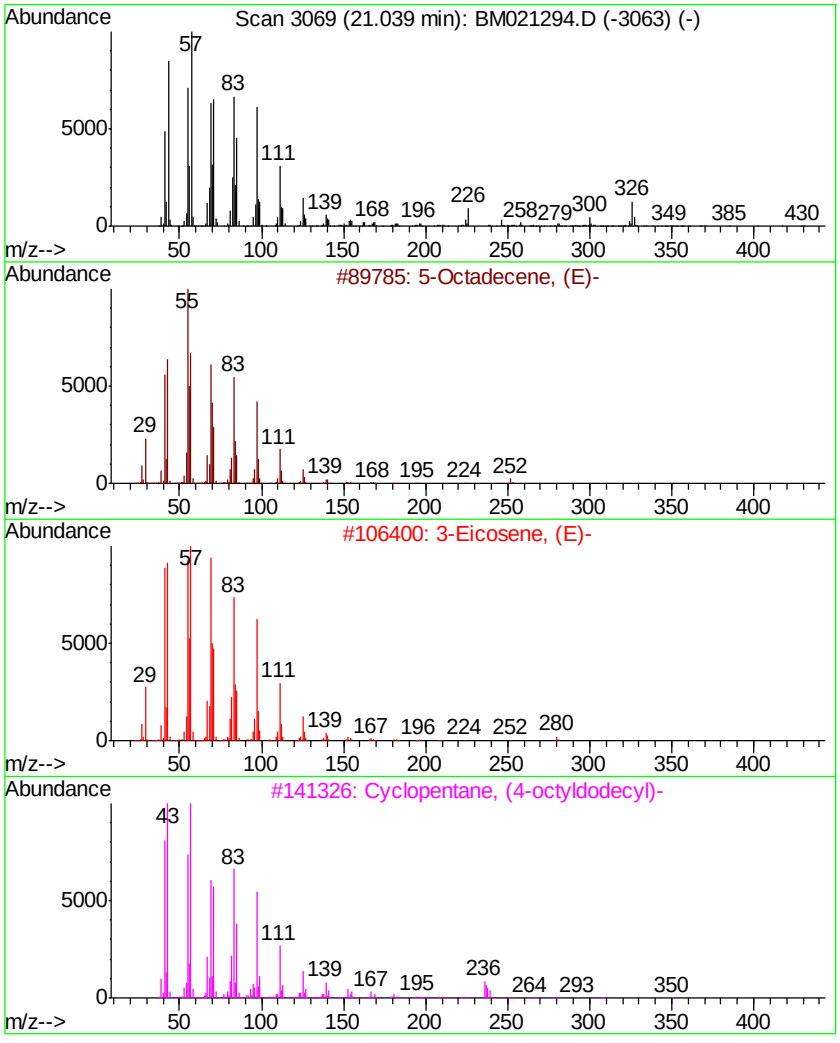
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

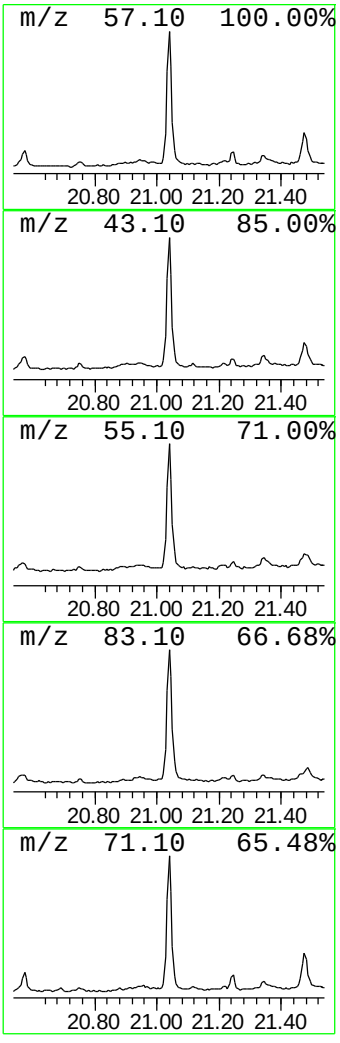
****

Peak Number 24 (DEL) Alkane: Cyclic21.04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	7.09 ng/ul	3731920	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	92
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
3	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	90
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5	1-Octadecanol	270	C18H38O	000112-92-5	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

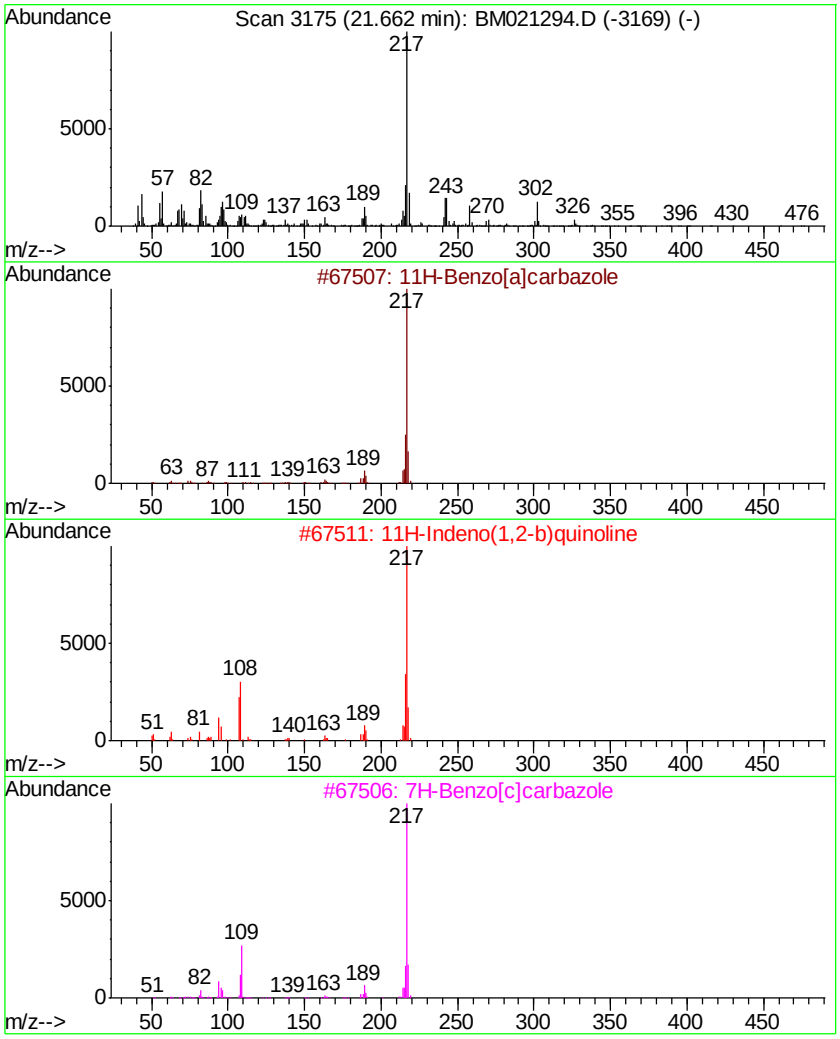
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

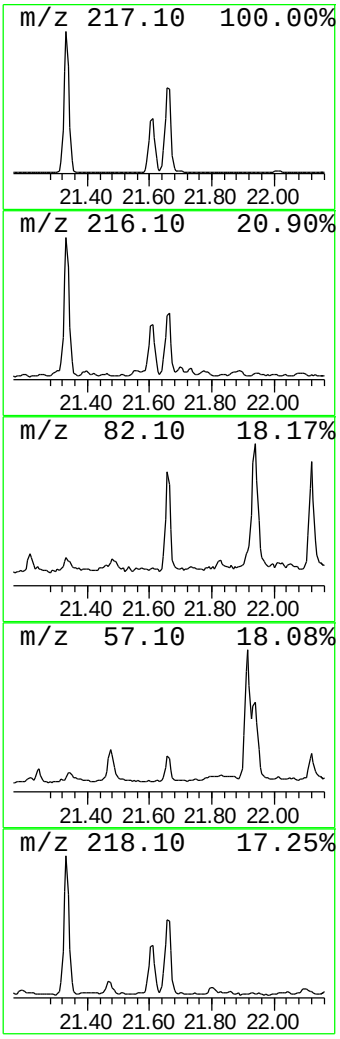
****

Peak Number 26 11H-Benzo[a]carbazole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	3.08 ng/ul	1623110	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	91
2	11H-Indeno(1,2-b)quinoline	217	C16H11N	000243-51-6	70
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	1-Aminopyrene	217	C16H11N	001606-67-3	64
5	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

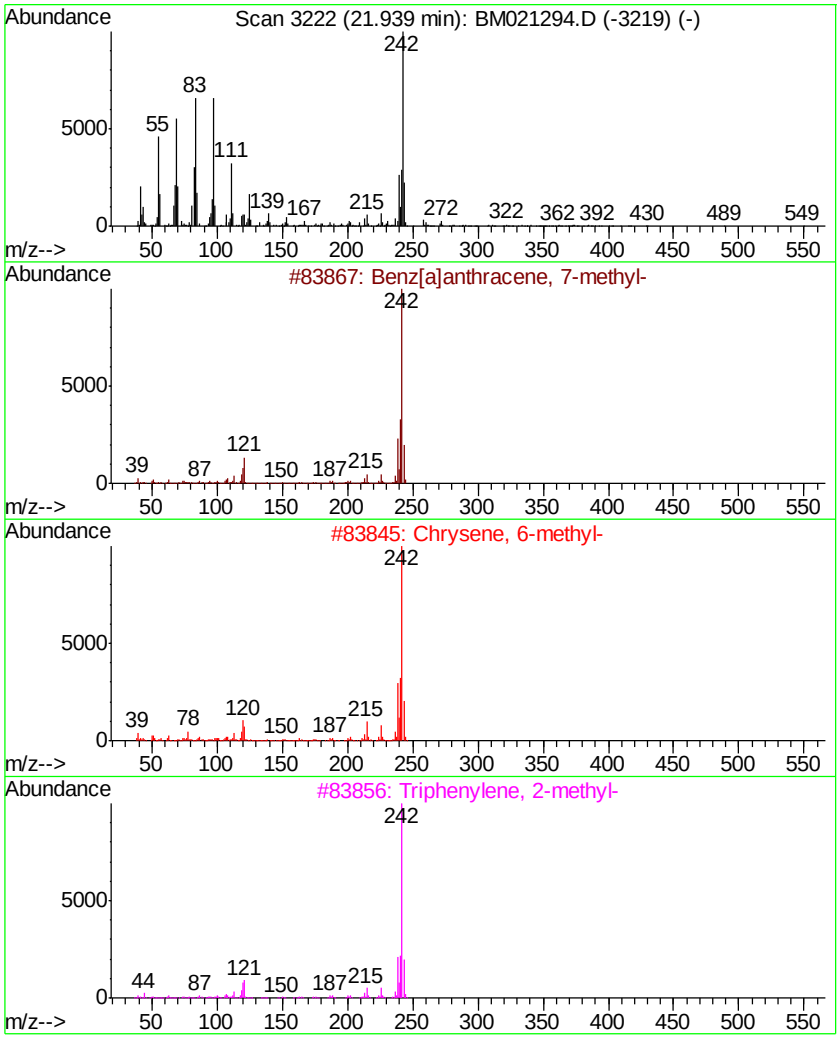
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

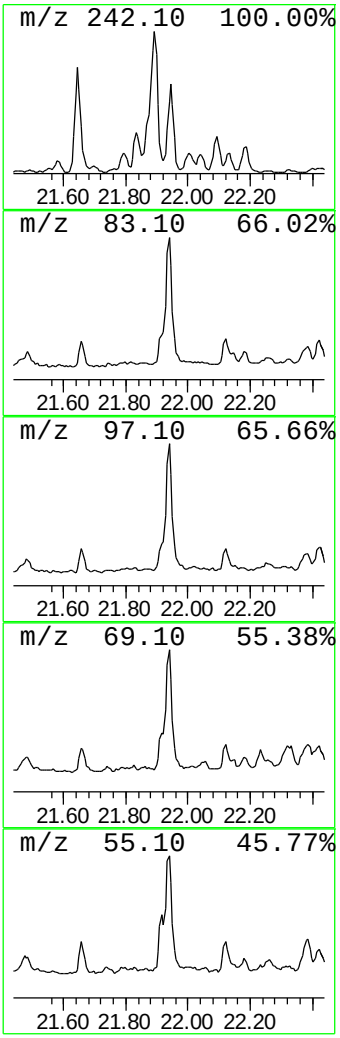
****

Peak Number 27 Benz[a]anthracene, 7-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.94	4.78 ng/ul	2516250	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2	Chrysene, 6-methyl-	242	C19H14	003697-24-3	86
3	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	81
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	64
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

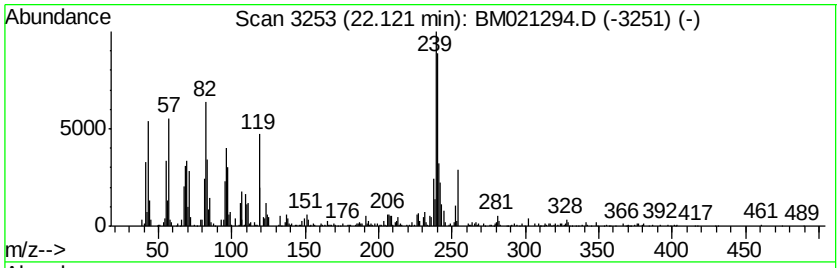
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

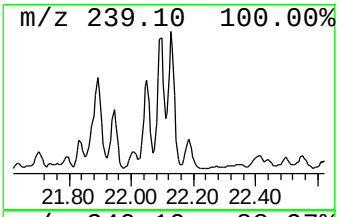
****

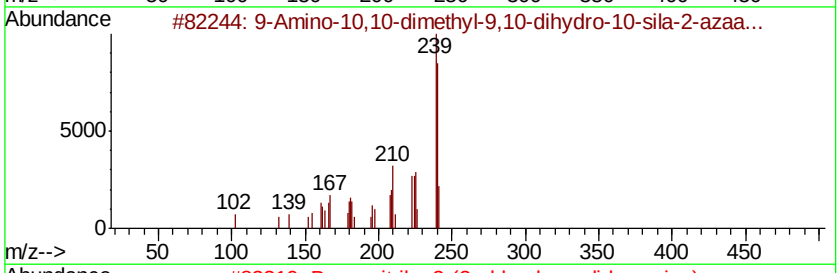
Peak Number 28 unknown-01 Concentration Rank 37

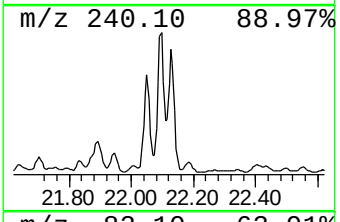
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.12	2.21 ng/ul	1162170	Chrysene-d12	21.34

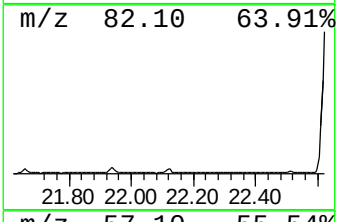
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Amino-10,10-dimethyl-9,10-dihv...	240	C14H16N2Si	092973-65-4	38
2	Benzonitrile, 2-(2-chlorobenzyli...	240	C14H9ClN2	104830-19-5	35
3	Anthraldehyde, 10-chloro-	240	C15H9ClO	010527-16-9	25
4	4-Amino-2-chloro-6,7-dimethoxyqu...	239	C10H10ClN3O2	023680-84-4	22
5	Cyclohexane, hexaethylidene-	240	C18H24	001482-93-5	18

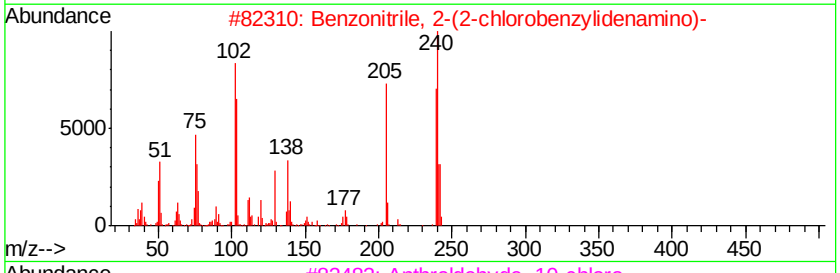


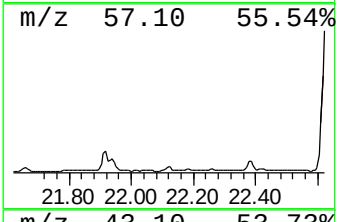


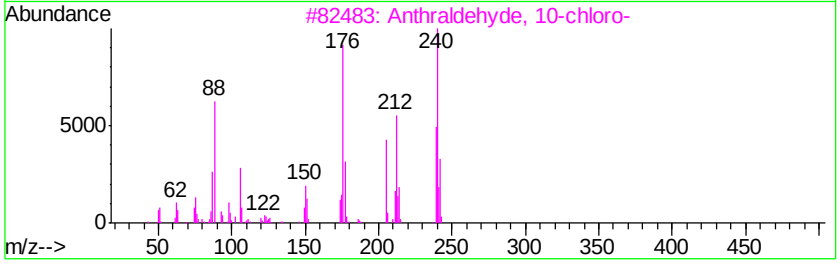


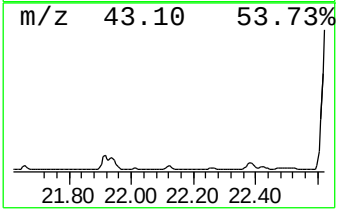












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

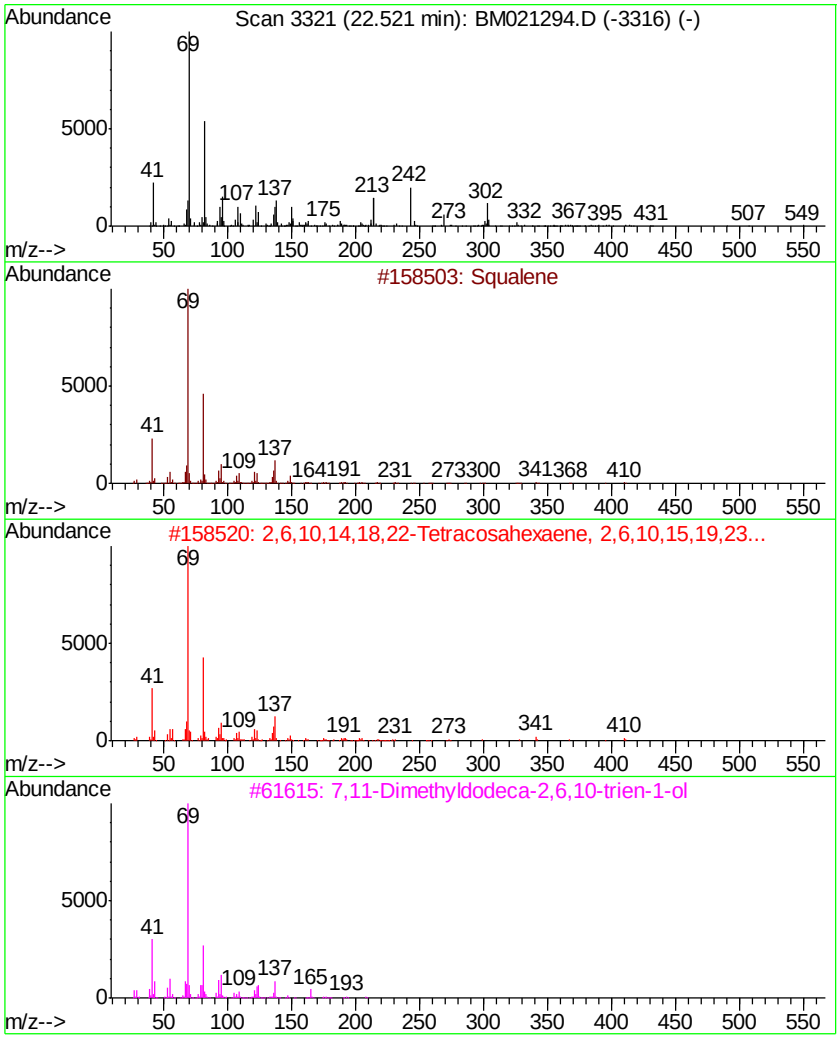
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

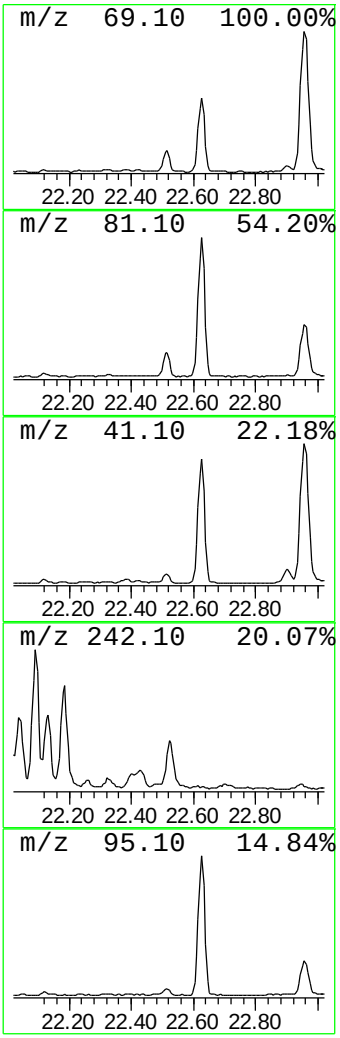
****

Peak Number 29 Squalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.52	4.28 ng/ul	865781	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	72
5	3,7,11-Trimethyl-dodeca-2,6,10-t...	236	C15H24O2	007548-13-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

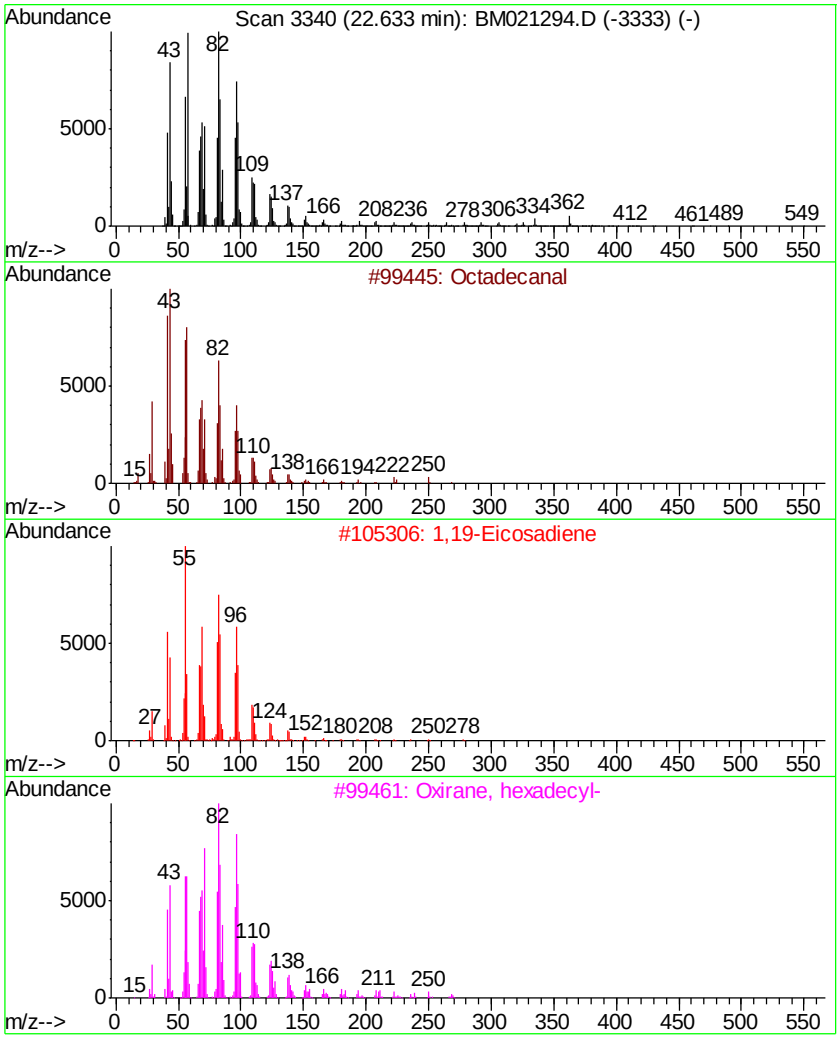
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

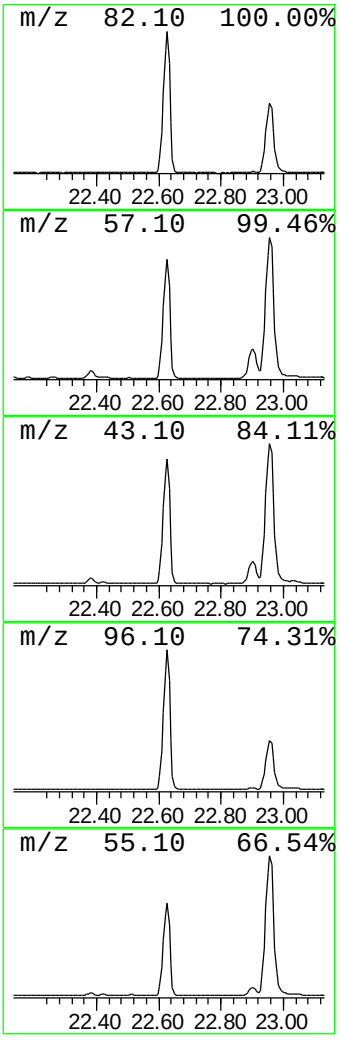
****

Peak Number 30 Octadecanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	110.80 ng/ul	22417000	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	94
2	1,19-Eicosadiene	278	C20H38	014811-95-1	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

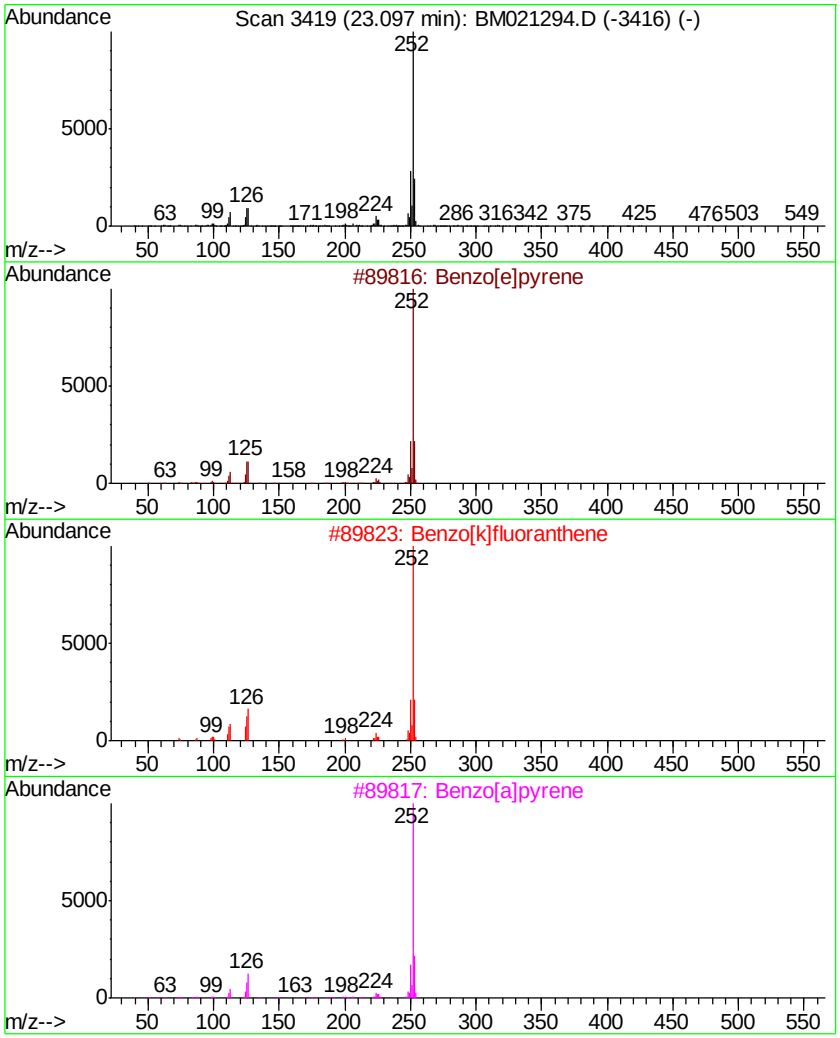
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

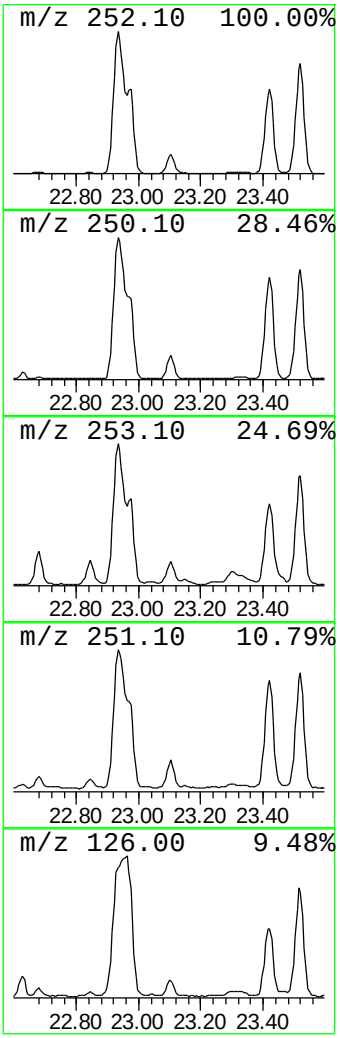
****

Peak Number 31 Benzo[e]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	5.32 ng/ul	1077220	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

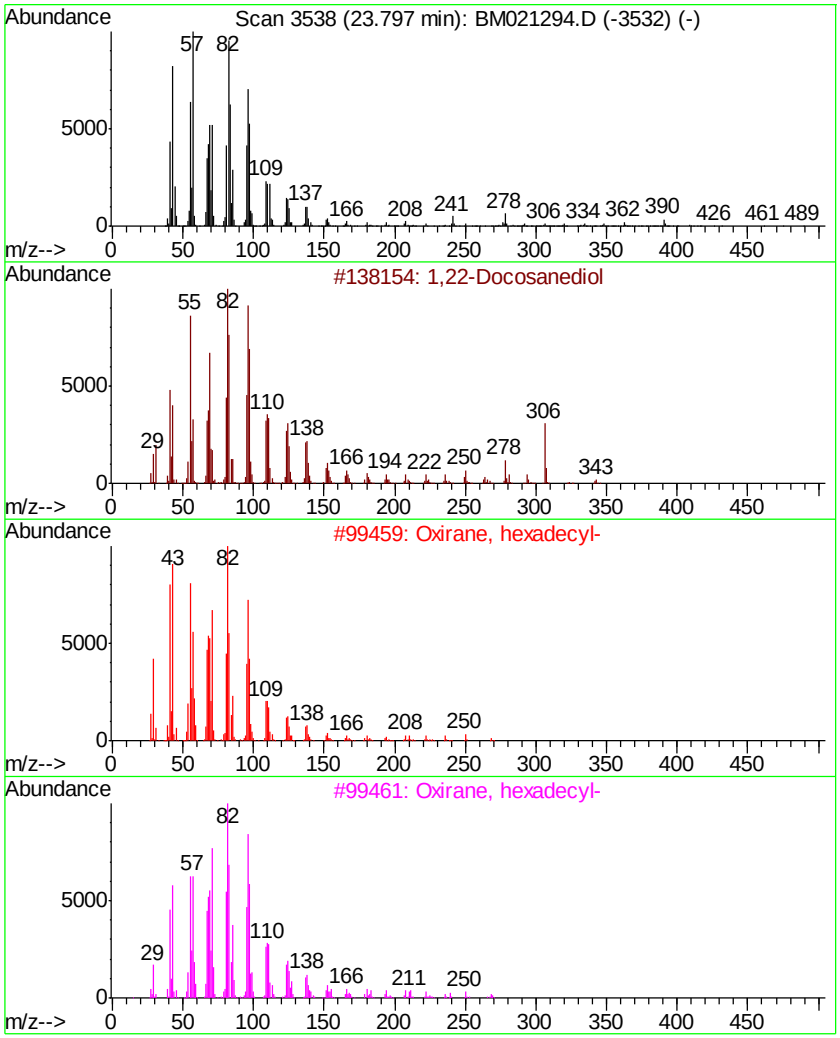
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

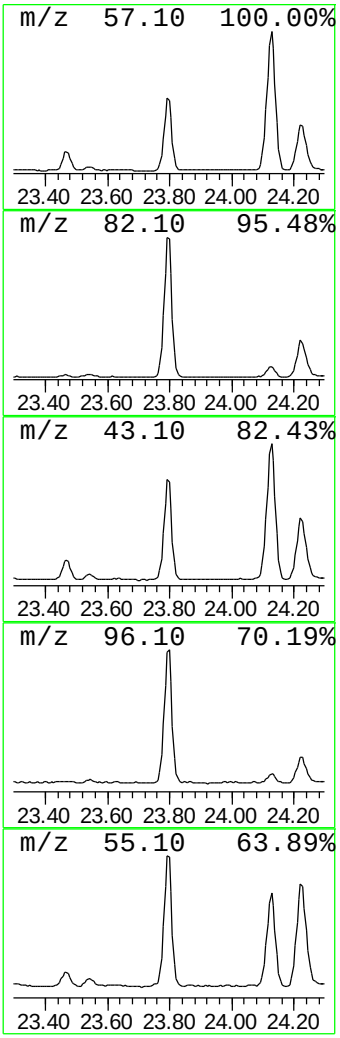
****

Peak Number 33 1,22-Docosanediol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.80	35.69 ng/ul	7220690	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,22-Docosanediol	342	C22H46O2	022513-81-1	93
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

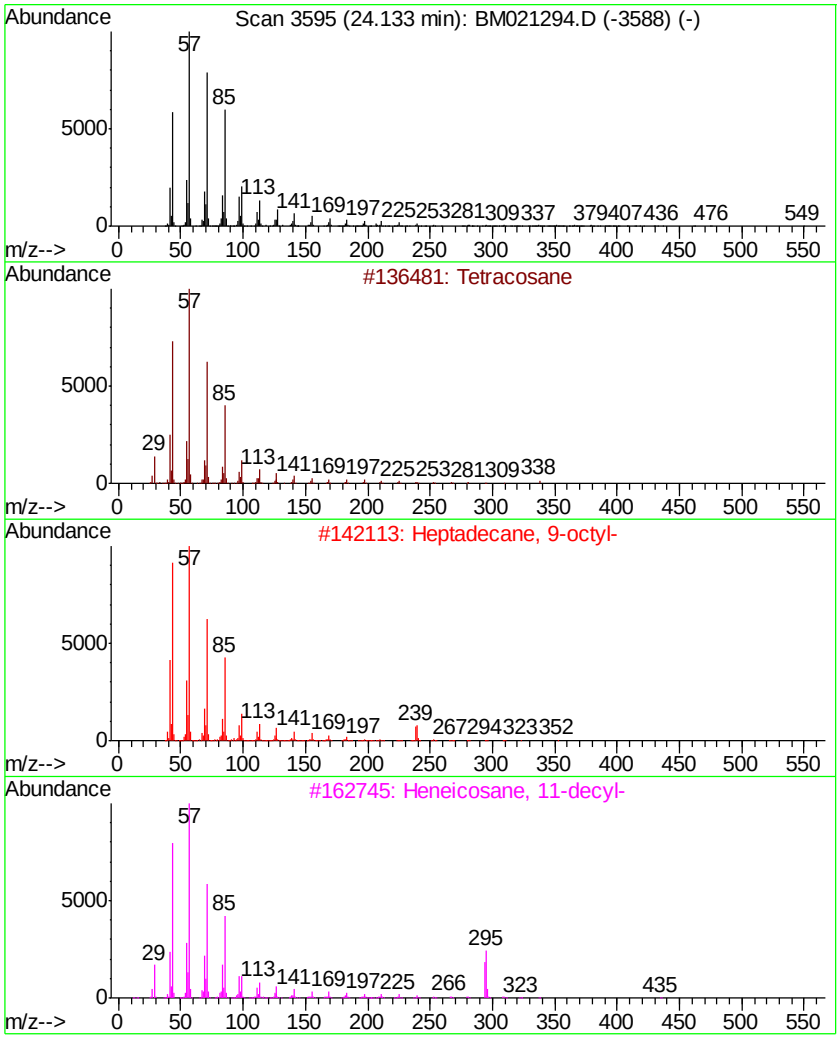
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

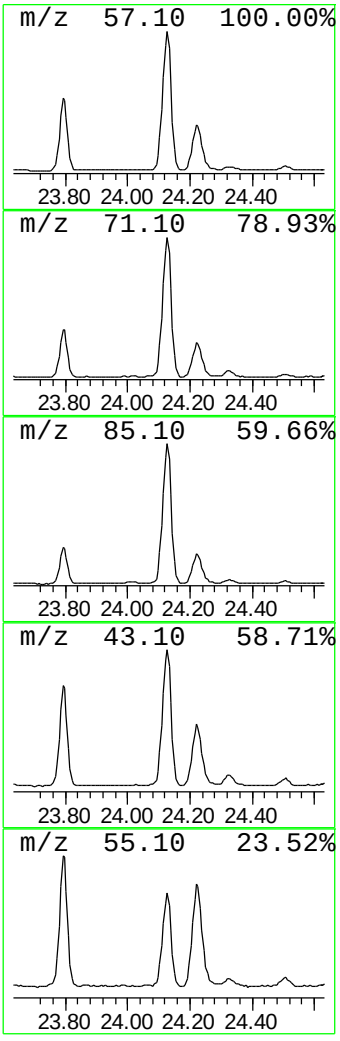
****

Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	35.75 ng/ul	7232650	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	95
4	Tetratriacontane	479	C34H70	014167-59-0	94
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

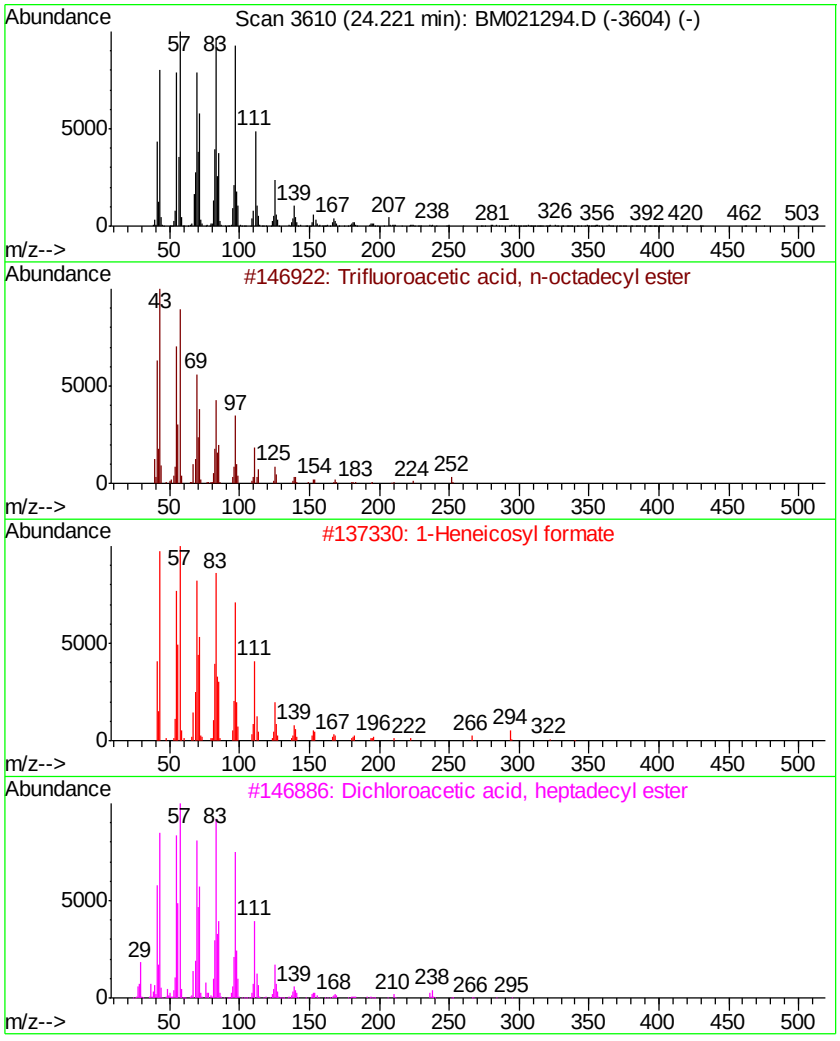
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

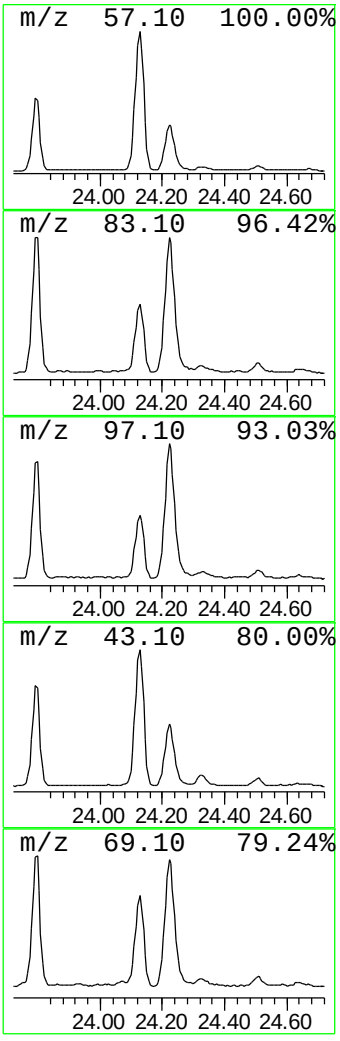
****

Peak Number 35 Trifluoroacetic acid, n-oct... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	23.83 ng/ul	4820810	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	83
4	1-Heptadecanol	256	C17H36O	001454-85-9	83
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

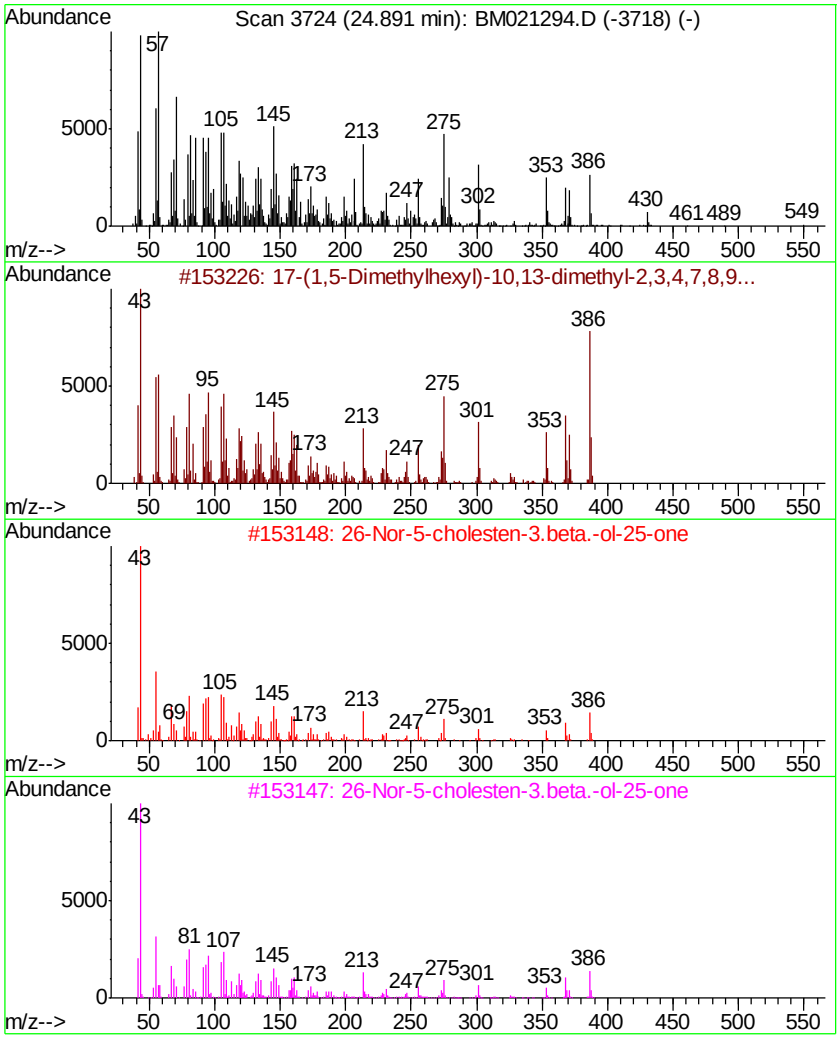
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

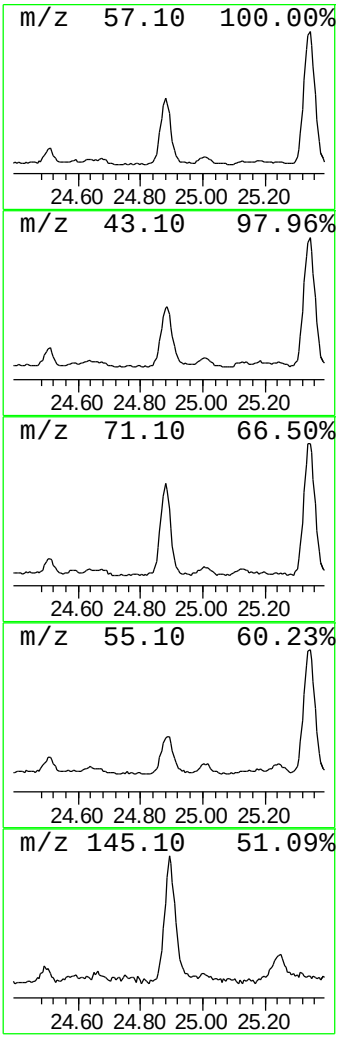
****

Peak Number 36 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.89	17.10 ng/ul	3459550	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	78
4	Cholesterol	386	C27H46O	000057-88-5	70
5	Cholesterol	386	C27H46O	000057-88-5	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

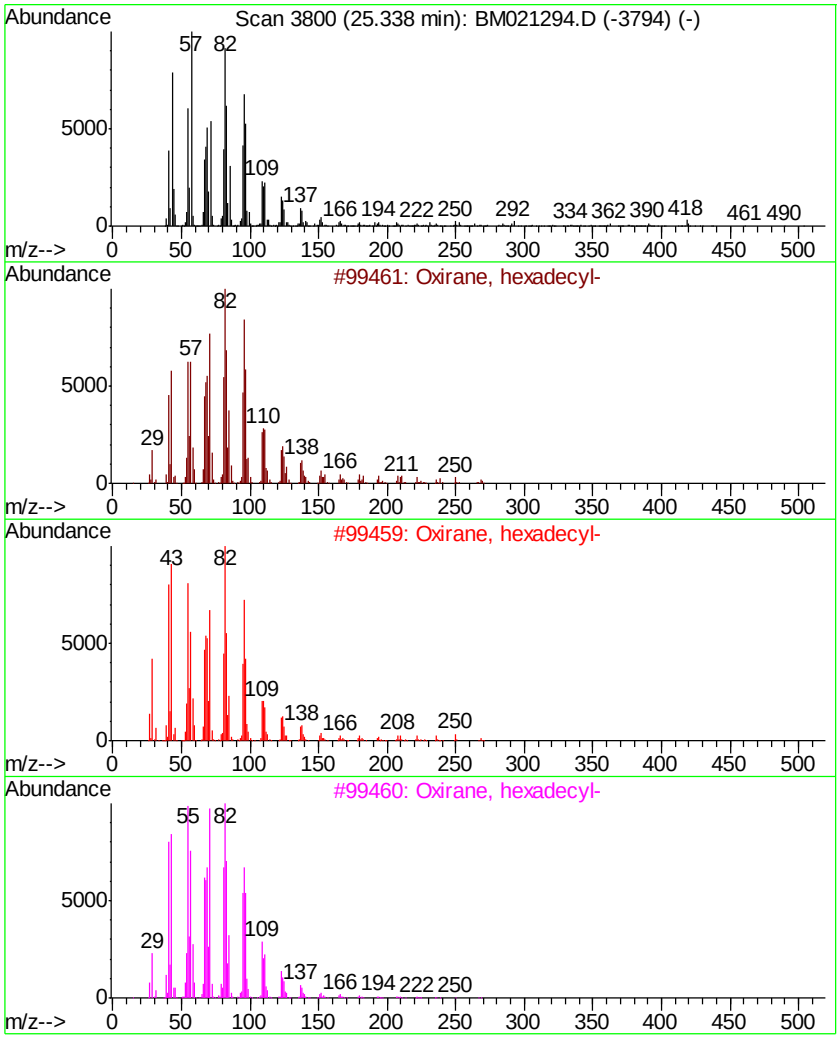
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

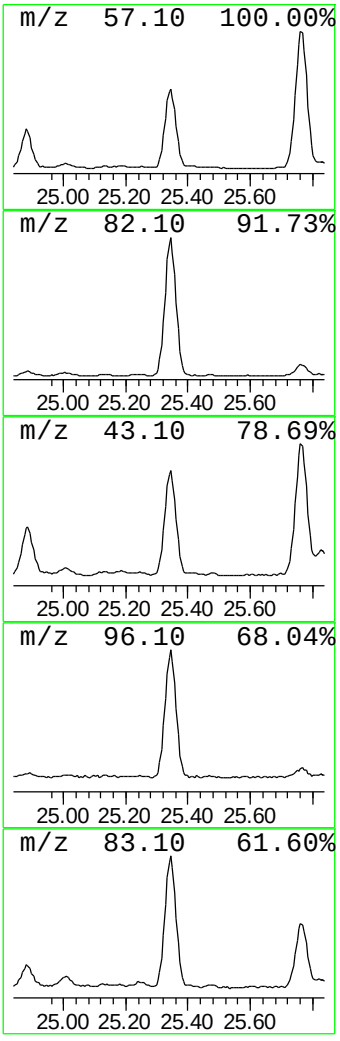
****

Peak Number 37 Oxirane, hexadecyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.34	32.38 ng/ul	6551560	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	1,19-Eicosadiene	278	C20H38	014811-95-1	87
5	1,13-Tetradecadiene	194	C14H26	021964-49-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

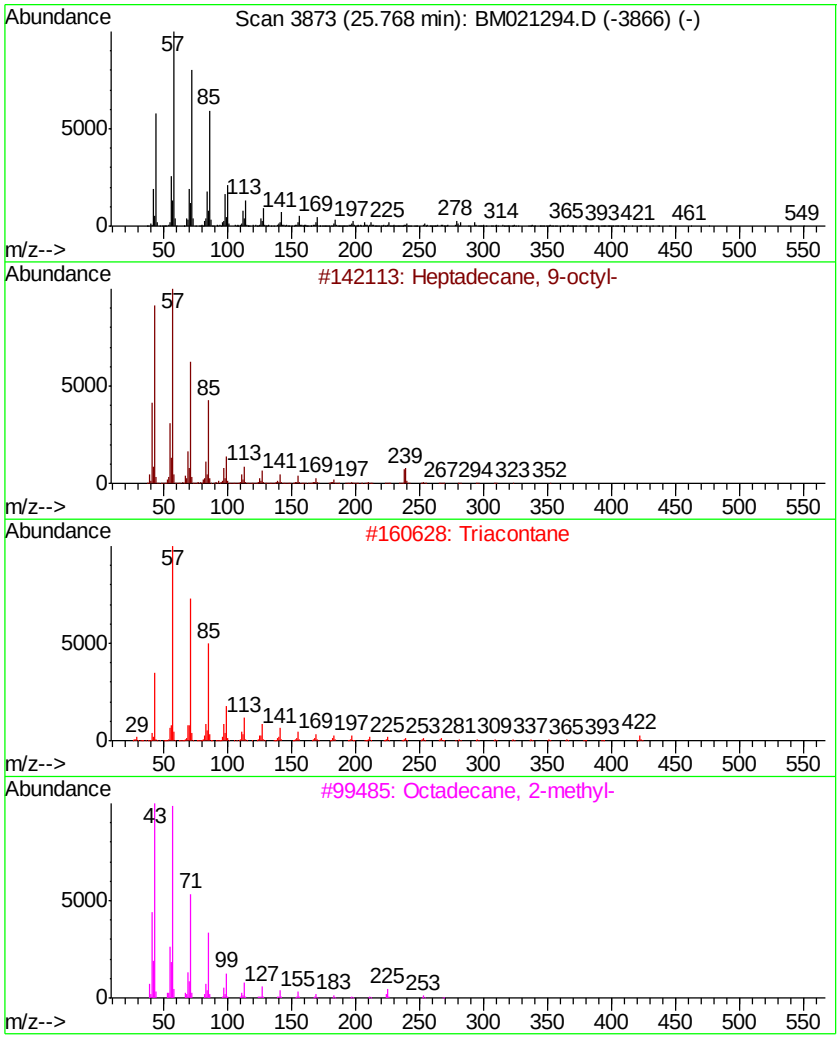
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

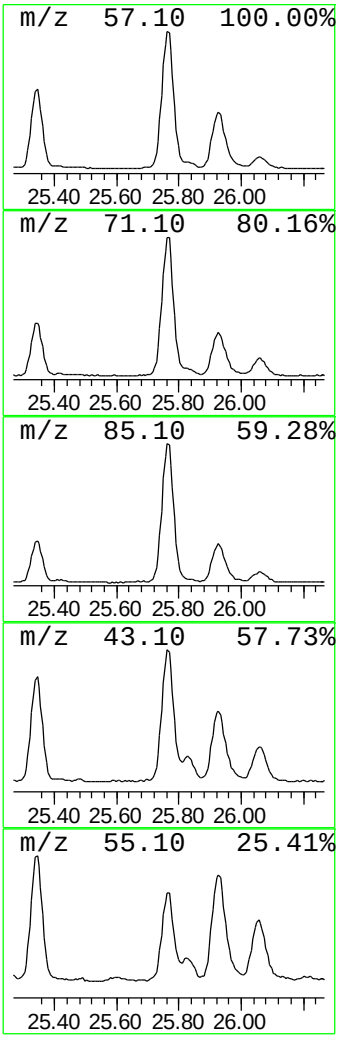
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.77	22.49 ng/ul	4549080	Perylene-d12	23.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Triacontane	422	C30H62	000638-68-6	91
3	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91
4	Tetratriacontane	479	C34H70	014167-59-0	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
Data File : BM021294.D
Acq On : 30 Jun 2019 12:20
Operator : HP/JU
Sample : K3590-15
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5BB4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	36.3	ng/ul	3338150	1	7.76	1839810	20.0
Cyclotrisiloxane,...	4.40	6.5	ng/ul	597755	1	7.76	1839810	20.0
Hexanoic acid	6.79	2.3	ng/ul	211243	1	7.76	1839810	20.0
Cyclotetrasiloxan...	6.86	4.7	ng/ul	436197	1	7.76	1839810	20.0
Cyclopentasiloxan...	9.28	2.2	ng/ul	305917	2	10.55	2744780	20.0
(DEL) Alkane: Cyc...	16.47	2.1	ng/ul	377275	4	17.15	3581060	20.0
Tetradecanoic acid	16.55	2.7	ng/ul	480451	4	17.15	3581060	20.0
Pentadecanoic acid	17.04	4.3	ng/ul	773652	4	17.15	3581060	20.0
9-Hexadecenoic acid	17.93	15.4	ng/ul	2763410	4	17.15	3581060	20.0
n-Hexadecanoic acid	18.06	45.1	ng/ul	8069360	4	17.15	3581060	20.0
4H-Cyclopenta[def...	18.22	5.9	ng/ul	1049100	4	17.15	3581060	20.0
Phenanthrene, 1-m...	18.25	2.8	ng/ul	492105	4	17.15	3581060	20.0
(DEL) Alkane: Cyc...	18.34	2.3	ng/ul	414775	4	17.15	3581060	20.0
5,16[1',2']:8,13[...	18.53	3.0	ng/ul	530015	4	17.15	3581060	20.0
9,10-Anthracenedione	18.57	4.2	ng/ul	746549	4	17.15	3581060	20.0
Phenanthrene, 2,5...	18.94	2.4	ng/ul	429109	4	17.15	3581060	20.0
Phytol	19.06	5.6	ng/ul	1001930	4	17.15	3581060	20.0
Octadecanoic acid	19.33	2.9	ng/ul	1548820	5	21.34	10529400	20.0
11H-Benzo[a]fluorene	20.07	5.0	ng/ul	2647330	5	21.34	10529400	20.0
Pyrene, 1-methyl-	20.23	2.1	ng/ul	1096890	5	21.34	10529400	20.0
11H-Benzo[a]fluor...	20.82	2.0	ng/ul	1064740	5	21.34	10529400	20.0
Benzo[b]naphtho[2...	20.98	2.1	ng/ul	1134430	5	21.34	10529400	20.0
(DEL) Alkane: Cyc...	21.04	7.1	ng/ul	3731920	5	21.34	10529400	20.0
11H-Benzo[a]carba...	21.66	3.1	ng/ul	1623110	5	21.34	10529400	20.0
Benz[a]anthracene...	21.94	4.8	ng/ul	2516250	5	21.34	10529400	20.0
unknown-01	22.12	2.2	ng/ul	1162170	5	21.34	10529400	20.0
Squalene	22.52	4.3	ng/ul	865781	6	23.61	4046230	20.0
Octadecanal	22.63	110.8	ng/ul	22417000	6	23.61	4046230	20.0
Benzo[e]pyrene	23.10	5.3	ng/ul	1077220	6	23.61	4046230	20.0
1,22-Docosanediol	23.80	35.7	ng/ul	7220690	6	23.61	4046230	20.0
(DEL) Alkane: Str...	24.13	35.8	ng/ul	7232650	6	23.61	4046230	20.0
Trifluoroacetic a...	24.22	23.8	ng/ul	4820810	6	23.61	4046230	20.0
17-(1,5-Dimethylh...	24.89	17.1	ng/ul	3459550	6	23.61	4046230	20.0
Oxirane, hexadecyl-	25.34	32.4	ng/ul	6551560	6	23.61	4046230	20.0
(DEL) Alkane: Str...	25.77	22.5	ng/ul	4549080	6	23.61	4046230	20.0