LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

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-BM072619MA.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	6.857	652	658	670	rVB	415354	735547	20.94%	1.295%
2	7.028	682	687	699	rVB	320011	523342	14.90%	0.921%
3	7.210	713	718	730	rVB	486065	771673	21.97%	1.358%
4	7.675	791	797	805	rVB	623657	973097	27.71%	1.713%
5	8.387	912	918	926	rBV	534025	882176	25.12%	1.553%
6	8.839	989	995	1005	rVB	467505	760400	21.65%	1.338%
7	9.551	1110	1116	1127	rVB	355613	616672	17.56%	1.085%
8	10.086	1200	1207	1220	rBV	572583	1051748	29.95%	1.851%
9	10.457	1263	1270	1277	rBV	862156	1445735	41.16%	2.545%
10	10.616	1290	1297	1312	rBV	369756	763001	21.72%	1.343%
11	11.675	1474	1477	1482	rVB3	5851	7384	0.21%	0.013%
12	12.057	1539	1542	1547	rVB2	7222	10933	0.31%	0.019%
13	12.669	1642	1646	1650	rVB3	3969	6341	0.18%	0.011%
14	13.692	1816	1820	1822	rBV3	4463	5545	0.16%	0.010%
15	13.739	1822	1828	1833	rVV	1108481	1574333	44.82%	2.771%
16	13.786	1833	1836	1846	rVB	361302	496958	14.15%	0.875%
17	14.016	1868	1875	1886	rBV	1299167	1917119	54.58%	3.374%
18	14.321	1921	1927	1934	rBV	1401234	2013033	57.31%	3.543%
19	14.386	1934	1938	1945	rVB	59675	88281	2.51%	0.155%
20	14.563	1960	1968	1984	rBV	127281	312898	8.91%	0.551%
21	14.727	1991	1996	2000	rBV	42492	74026	2.11%	0.130%
22	14.768	2000	2003	2008	rVB4	27249	35908	1.02%	0.063%
23	15.116	2055	2062	2066	rVB3	3622	5352	0.15%	0.009%
24	15.168	2066	2071	2074	rBV3	7764	10588	0.30%	0.019%
25	15.321	2091	2097	2103	rVV	1652219	2355759	67.07%	4.146%
26	15.374	2103	2106	2114	rVV	78189	111823	3.18%	0.197%
27	15.463	2116	2121	2131	rVV	240559	354001	10.08%	0.623%
28	15.563	2131	2138	2144	rVV5	14763	30233	0.86%	0.053%
29	15.674	2152	2157	2162	rVB	13494	19714	0.56%	0.035%
30	15.815	2177	2181	2189	rBV2	14140	23876	0.68%	0.042%
31	16.027	2212	2217	2220	rBV3	5017	7360	0.21%	0.013%
32	16.068	2220	2224	2227	rVV4	6510	10203	0.29%	0.018%
33	16.104	2227	2230	2235	rVB2	5014	6495	0.18%	0.011%
34	16.380	2273	2277	2281	rVB5	9169	15170	0.43%	0.027%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

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-BM072619MA.M
Title : SVOA CALIBRATION

35	16.433	2281	2286	2290	rBV3	3613	5130	0.15%	0.009%
36	16.480	2290	2294	2298	rBV3	6008	8405	0.24%	0.015%
37	16.610	2312	2316	2317	rBV4	5327	6474	0.18%	0.011%
38	16.645	2319	2322	2325	rVV2	6327	7103	0.20%	0.013%
39	16.739	2333	2338	2343	rVV	56000	82667	2.35%	0.145%
40	16.821	2346	2352	2356	rVV4	34595	50600	1.44%	0.089%
41	16.862	2356	2359	2360	rVV2	6840	7624	0.22%	0.013%
42	16.898	2360	2365	2371	rVB	62443	89778	2.56%	0.158%
43	17.074	2389	2395	2399	rVV2	1603297	2225081	63.35%	3.916%
44	17.121	2399	2403	2407	rVV	1508117	2118977	60.33%	3.729%
45	17.174	2407	2412	2423	rVV	1754018	2561627	72.93%	4.509%
46	17.280	2426	2430	2437	rVV	18450	32652	0.93%	0.057%
47	17.357	2437	2443	2447	rVV3	8761	14538	0.41%	0.026%
48	17.492	2458	2466	2475	rBV	100503	169500	4.83%	0.298%
49	17.598	2480	2484	2488	rBV	15630	18680	0.53%	0.033%
50	17.662	2491	2495	2503	rVB6	9587	21210	0.60%	0.037%
51	17.751	2505	2510	2512	rBV4	3134	5225	0.15%	0.009%
52	17.798	2515	2518	2521	rBV4	3879	5238	0.15%	0.009%
53	17.845	2523	2526	2530	rBV5	10791	18129	0.52%	0.032%
54	17.968	2539	2547	2550	rBV2	347462	595989	16.97%	1.049%
55	17.998	2550	2552	2558	rVB	151420	211148	6.01%	0.372%
56	18.145	2572	2577	2581	rBV2	159026	254584	7.25%	0.448%
57	18.186	2581	2584	2591	rVB	52919	80656	2.30%	0.142%
58	18.256	2591	2596	2601	rBV2	58024	84754	2.41%	0.149%
59	18.456	2626	2630	2634	rBV	93741	119396	3.40%	0.210%
60	18.509	2634	2639	2645	rVB	234018	320688	9.13%	0.564%
61	18.698	2668	2671	2676	rBV4	17896	25632	0.73%	0.045%
62	18.751	2677	2680	2684	rBV4	18042	24207	0.69%	0.043%
63	18.792	2684	2687	2692	rVB3	13118	16452	0.47%	0.029%
64	18.874	2696	2701	2706	rBV2	32074	68703	1.96%	0.121%
65	18.962	2714	2716	2720	rVB3	15467	17664	0.50%	0.031%
66	19.021	2721	2726	2732	rBV2	58475	101019	2.88%	0.178%
67	19.139	2737	2746	2754	rBV	2593657	3266856	93.01%	5.750%
68	19.256	2760	2766	2775	rBV3	238417	418567	11.92%	0.737%
69	19.380	2785	2787	2792	rVB	54561	70989	2.02%	0.125%
70	19.474	2797	2803	2806	rBV	2336528	3413783	97.20%	6.008%
71	19.503	2806	2808	2816	rVV	1861005	2105803	59.96%	3.706%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

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-BM072619MA.M
Title : SVOA CALIBRATION

72	19.580	2817	2821	2828	rVB	61727	95031	2.71%	0.167%
73	19.686	2835	2839	2845	rVB	82580	103153	2.94%	0.182%
74	19.751	2847	2850	2857	rVV2	25958	47271	1.35%	0.083%
75	19.827	2858	2863	2870	rVV3	68864	168027	4.78%	0.296%
76	19.898	2872	2875	2881	rVB	25479	41769	1.19%	0.074%
77	20.003	2889	2893	2899	rVB2	256600	372822	10.61%	0.656%
78	20.103	2906	2910	2914	rBV	141810	167660	4.77%	0.295%
79	20.156	2915	2919	2923	rVV2	95176	150642	4.29%	0.265%
80	20.198	2923	2926	2930	rVB2	43699	52916	1.51%	0.093%
81	20.303	2940	2944	2947	rBV	52649	70739	2.01%	0.125%
82	20.345	2948	2951	2954	rVV2	45095	64495	1.84%	0.114%
83	20.509	2975	2979	2983	rBV	293061	330165	9.40%	0.581%
84	20.756	3017	3021	3027	rBV	98750	145350	4.14%	0.256%
85	20.915	3044	3048	3051	rBV2	174845	224746	6.40%	0.396%
86	20.974	3051	3058	3066	rVV4	464303	949794	27.04%	1.672%
87	21.050	3069	3071	3077	rVB	118867	152358	4.34%	0.268%
88	21.268	3101	3108	3112	rBV2	1904691	3300413	93.97%	5.809%
89	21.303	3112	3114	3124	rVB	855738	973175	27.71%	1.713%
90	21.409	3128	3132	3139	rVB3	533623	697489	19.86%	1.228%
91	21.839	3201	3205	3208	rVB	551674	570680	16.25%	1.004%
92	22.297	3279	3283	3290	rBV	760389	990158	28.19%	1.743%
93	22.797	3364	3368	3371	rBV	683653	1031694	29.37%	1.816%
94	22.833	3371	3374	3379	rVB	461846	822186	23.41%	1.447%
95	23.309	3450	3455	3458	rBV	413282	697364	19.86%	1.227%
96	23.362	3458	3464	3468	rVV	1999168	3512229	100.00%	6.182%
97	23.403	3468	3471	3479	rVB	557053	943247	26.86%	1.660%
98	23.503	3482	3488	3493	rBV	1167205	2069991	58.94%	3.643%
99	23.997	3567	3572	3578	rVB	442563	777028	22.12%	1.368%
100	24.727	3693	3696	3708	rVB	286426	632591	18.01%	1.113%

Sum of corrected areas: 56817435

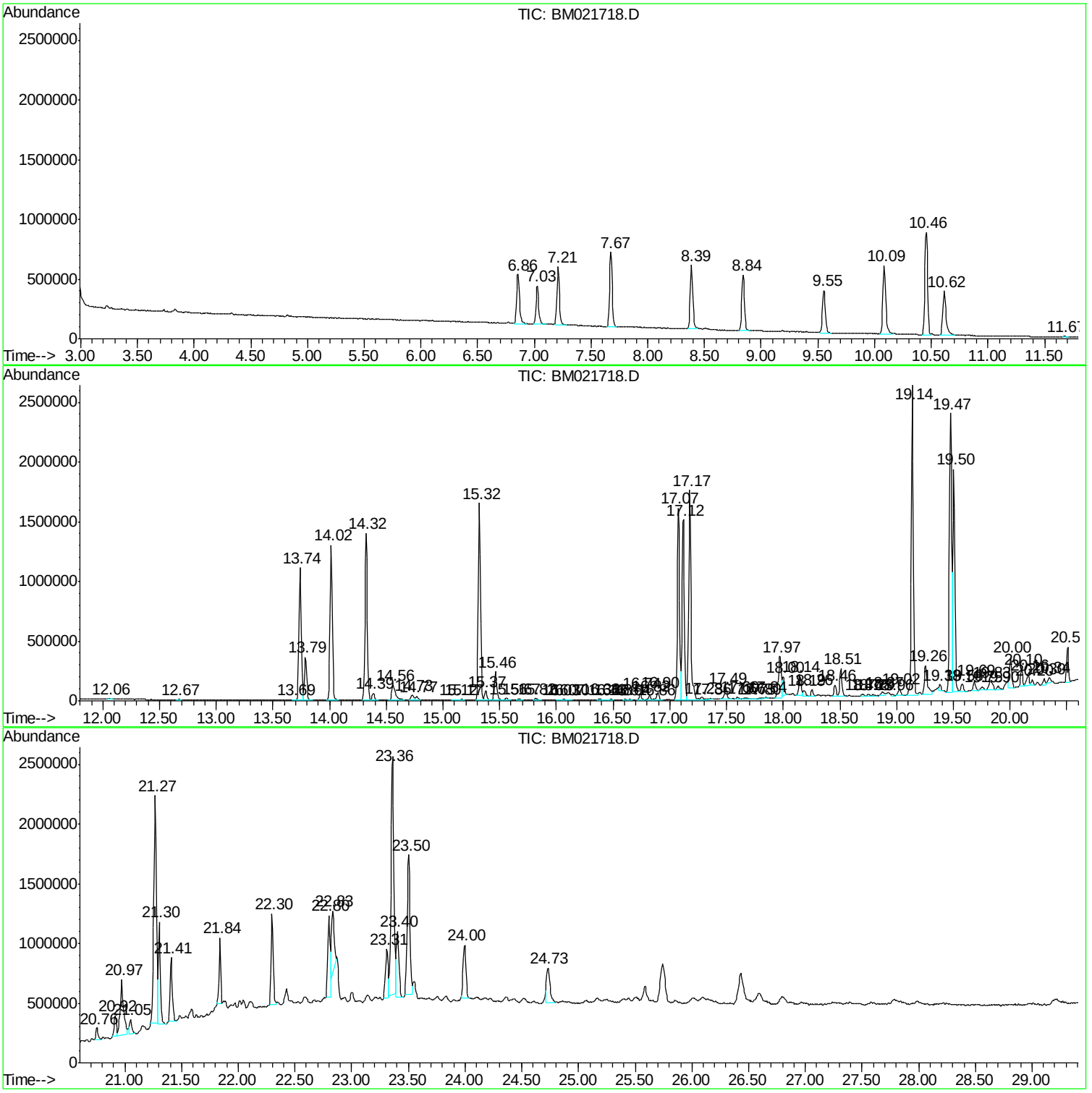
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

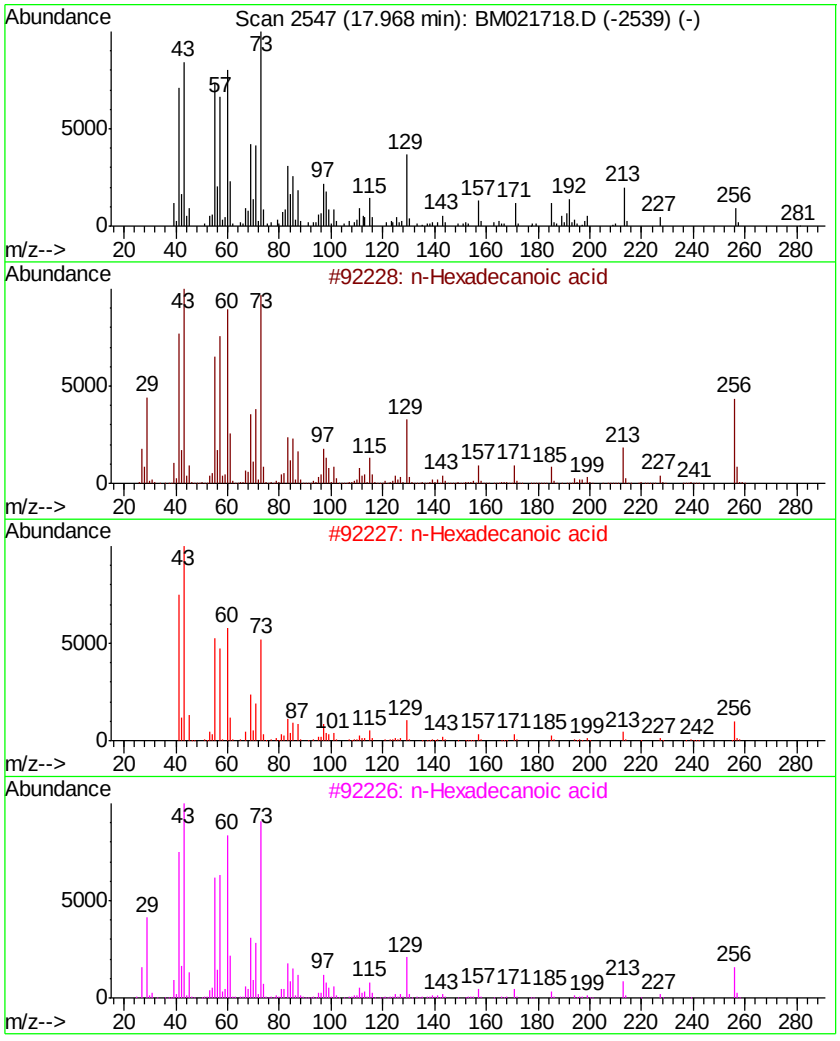
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

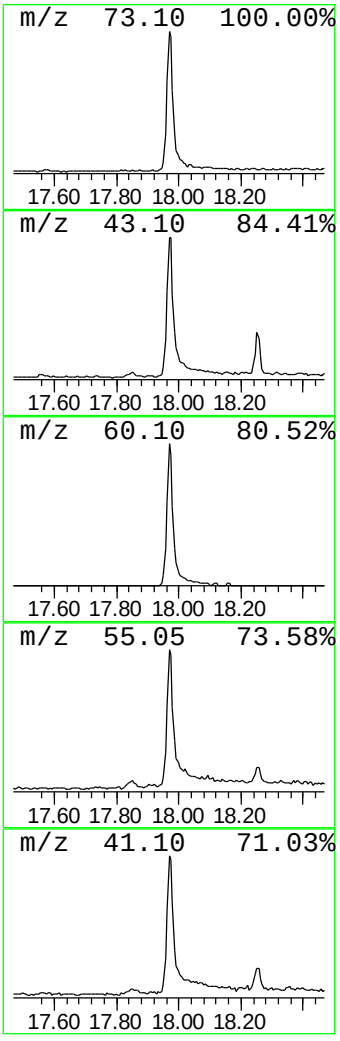
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	5.36 ng/ul	595989	Phenanthrene-d10	17.07

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	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

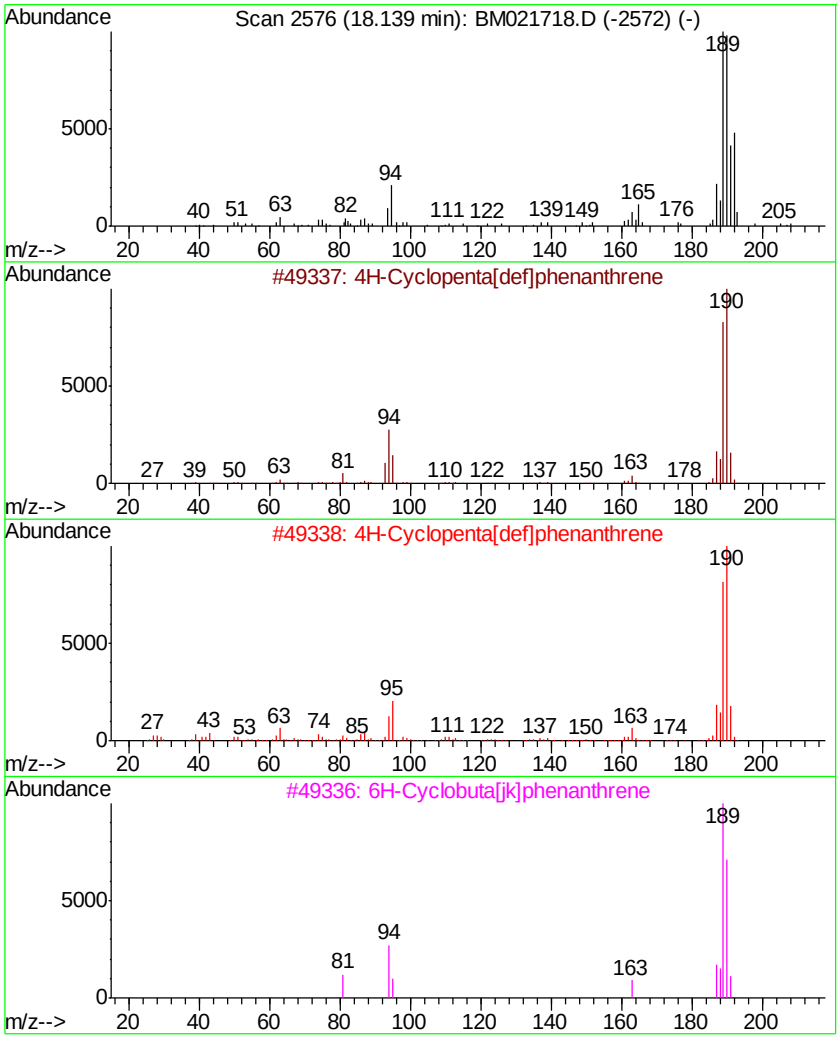
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

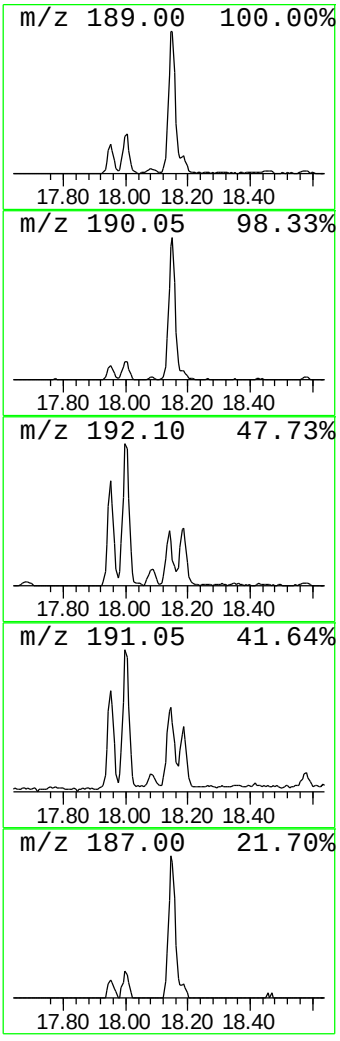
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	2.29 ng/ul	254584	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	55
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
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ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

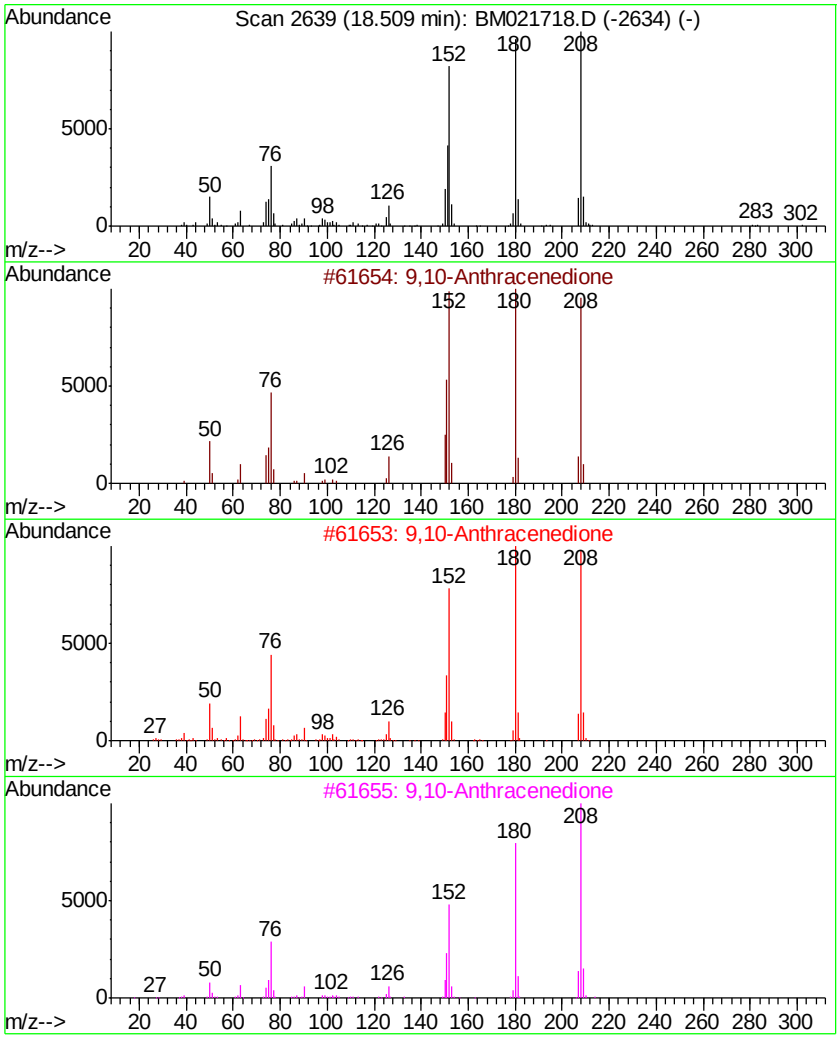
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

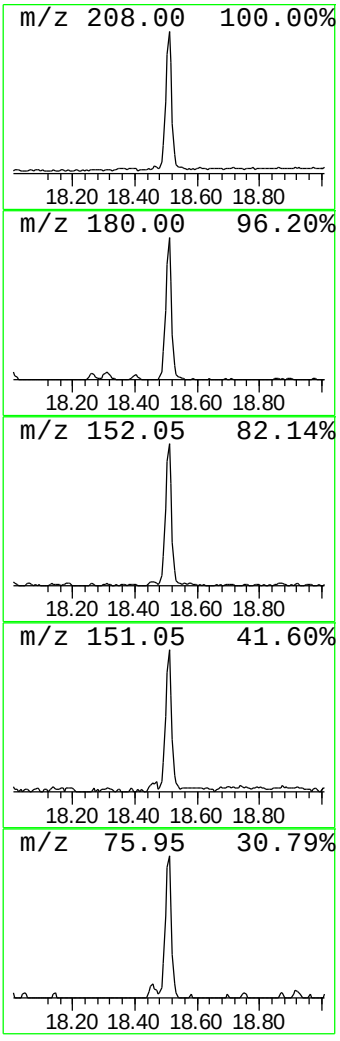
****

Peak Number 3 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.88 ng/ul	320688	Phenanthrene-d10	17.07

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	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

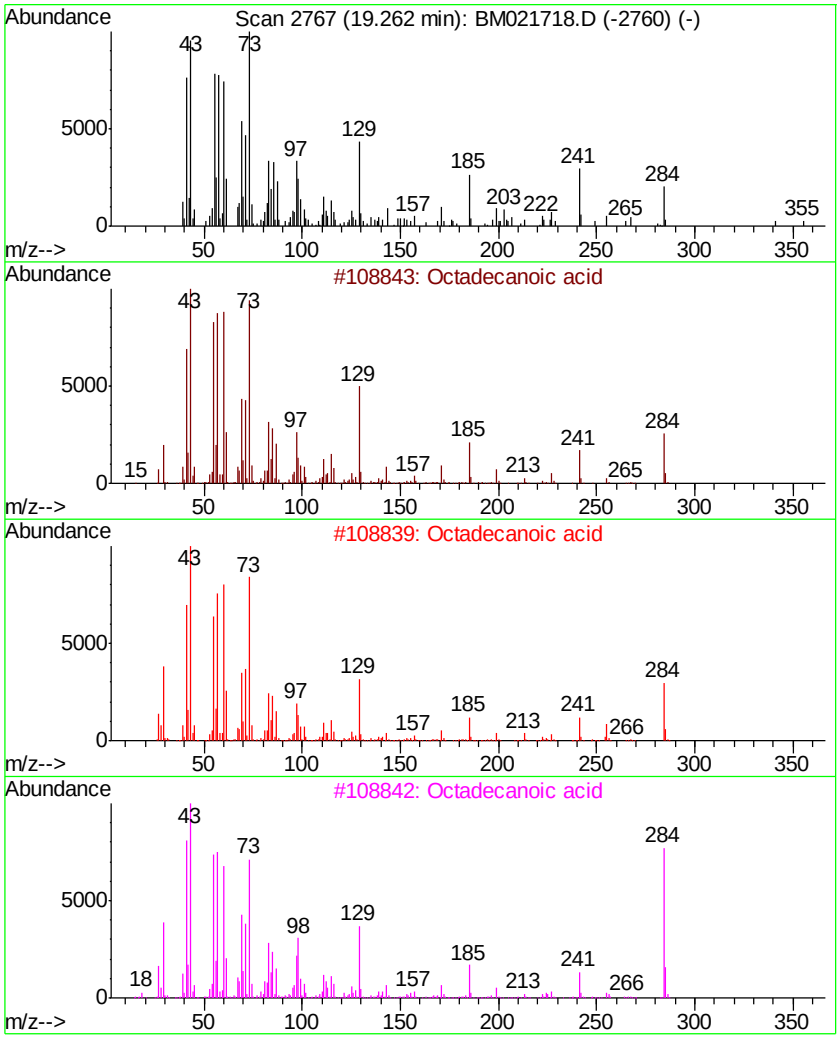
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

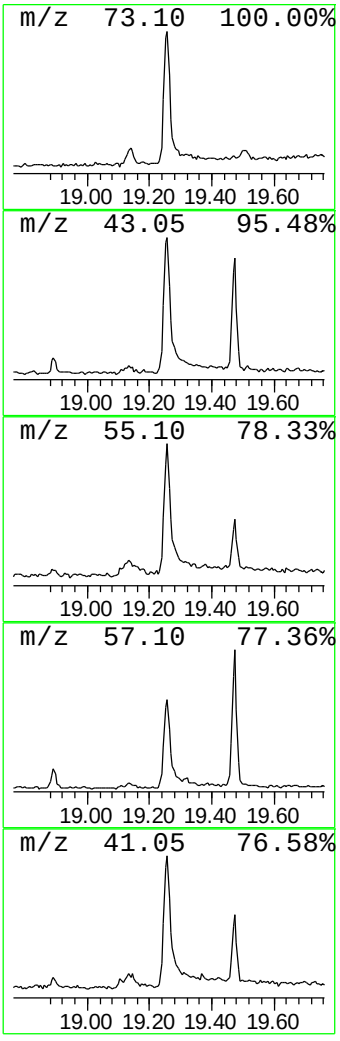
****

Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.54 ng/ul	418567	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
5	Octadecanoic acid	284	C18H36O2	000057-11-4	89





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

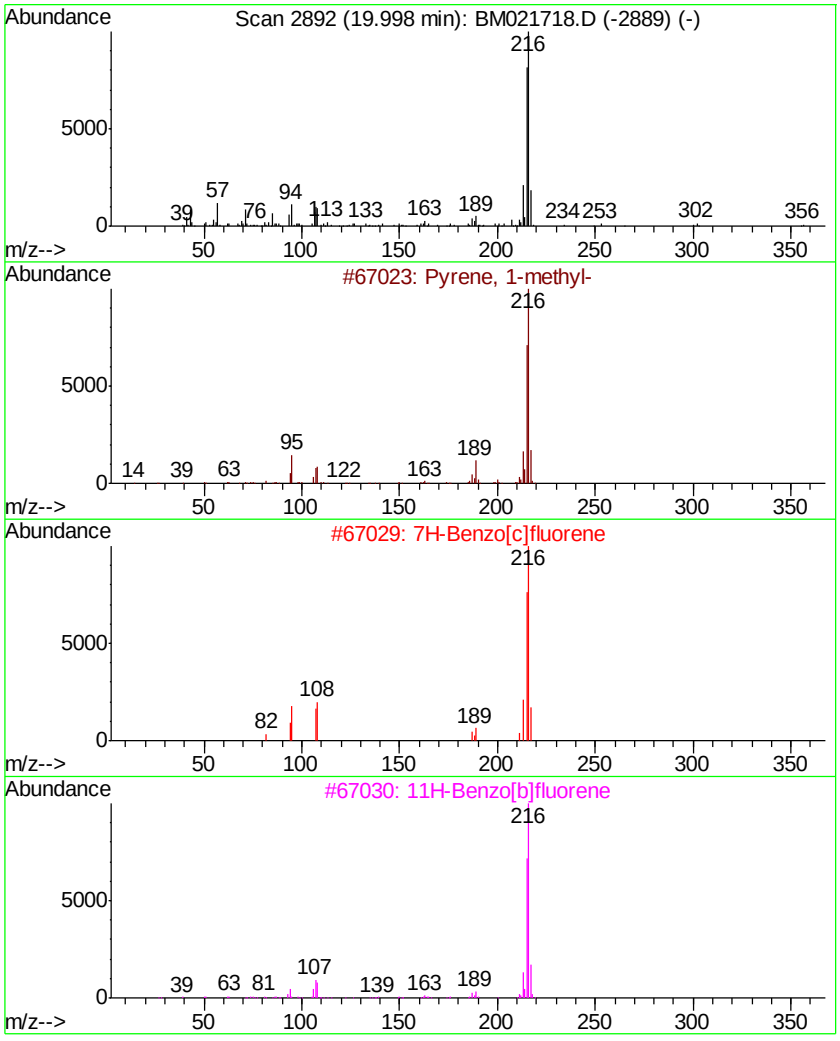
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

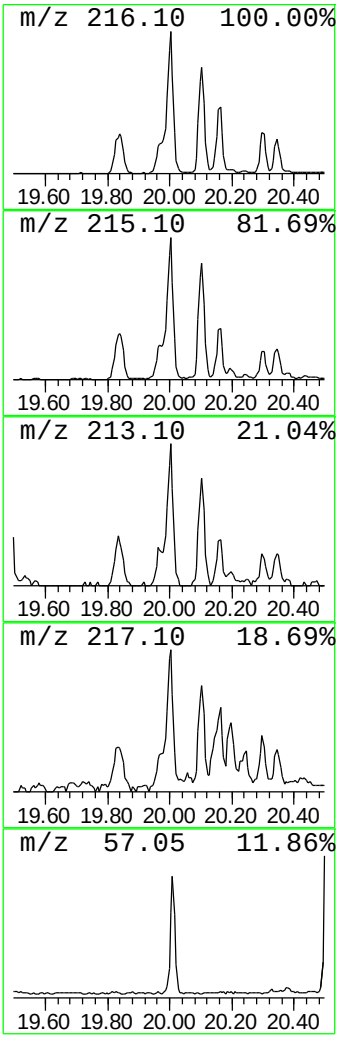
****

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.00	2.26 ng/ul	372822	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

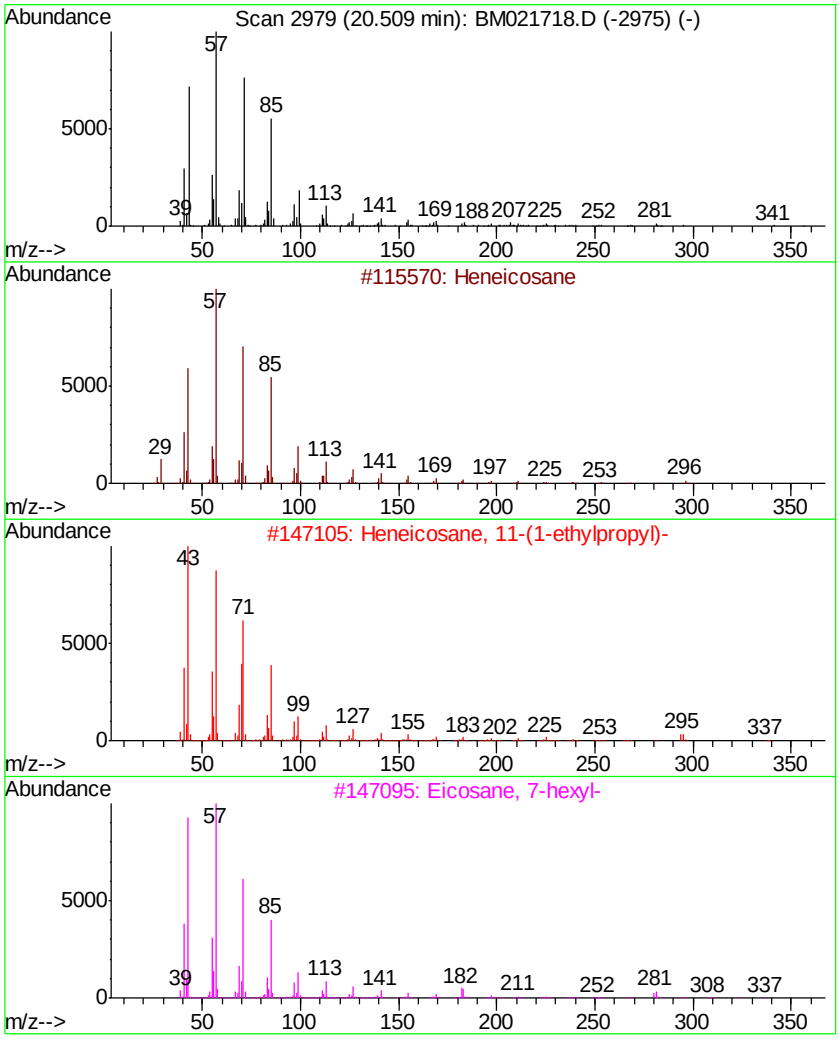
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

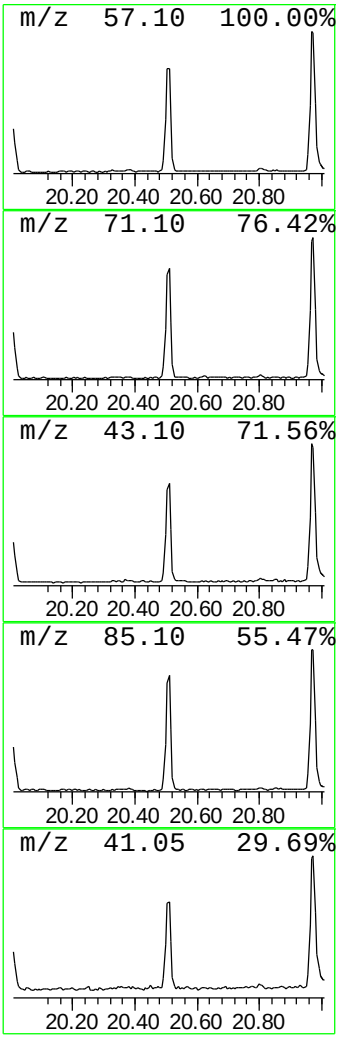
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	2.00 ng/ul	330165	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

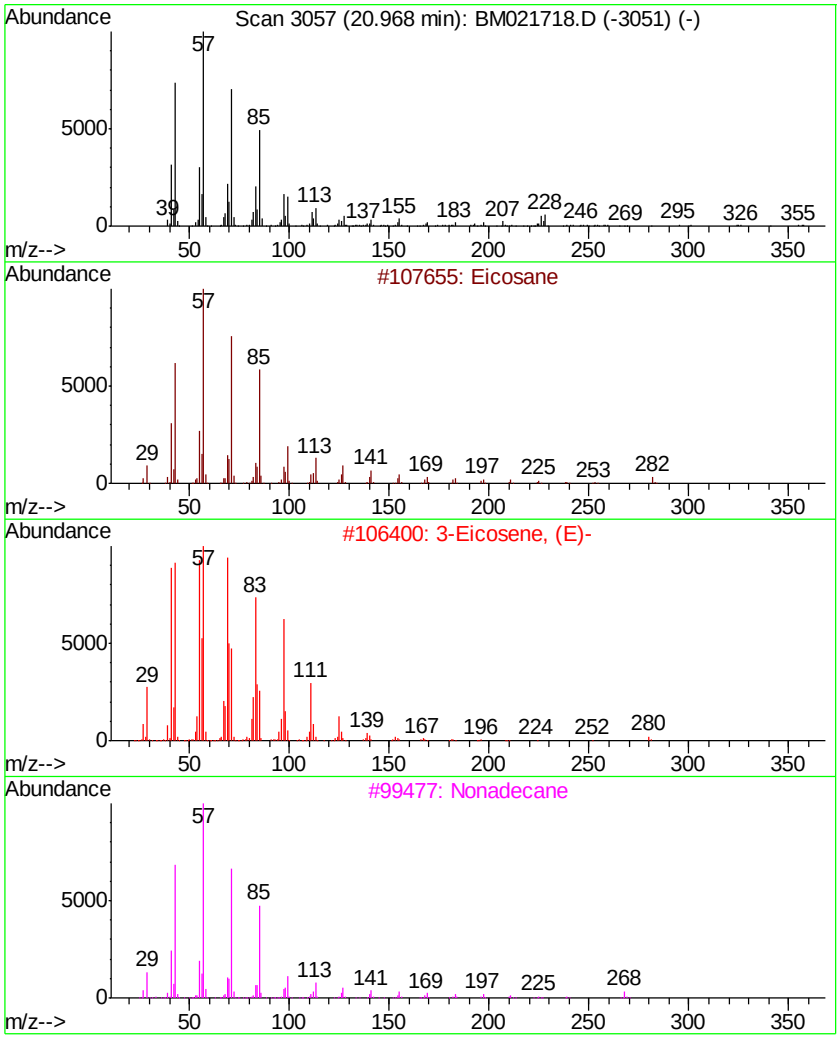
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

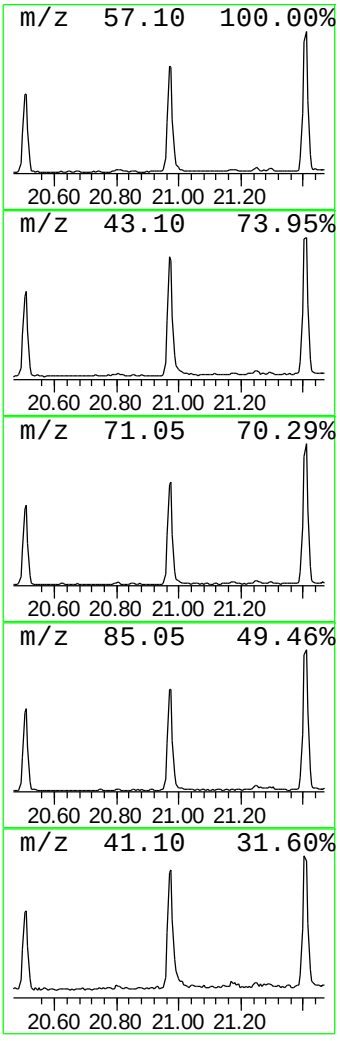
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.76 ng/ul	949794	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Nonadecane	268	C19H40	000629-92-5	93
4	Hexadecane	226	C16H34	000544-76-3	92
5	Hexadecane	226	C16H34	000544-76-3	92





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Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

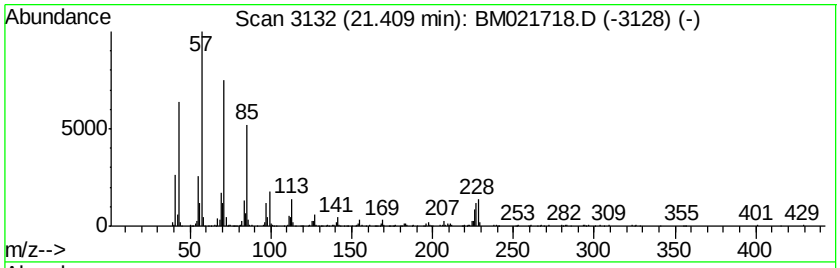
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

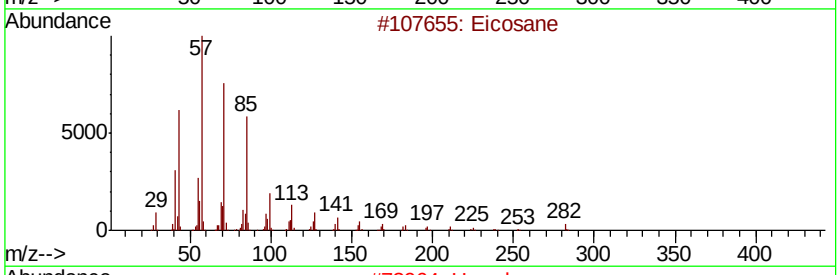
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

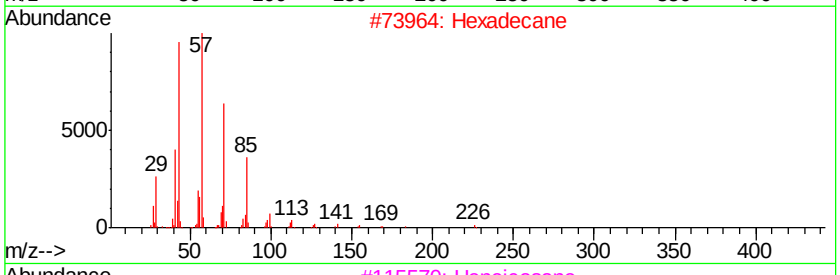
****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

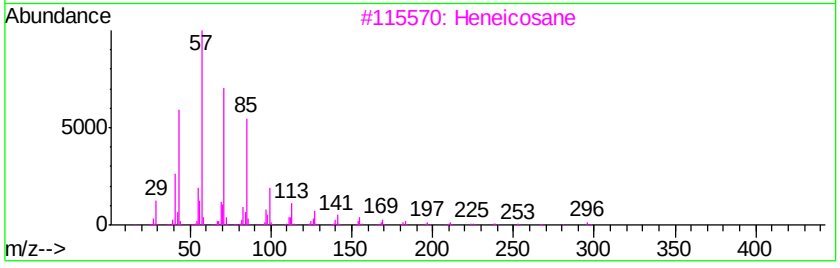
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	4.23 ng/ul	697489	Chrysene-d12	21.27

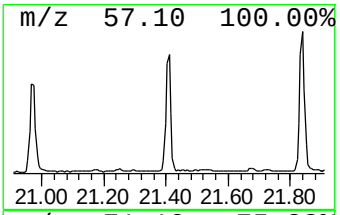
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5	Heptadecane	240	C17H36	000629-78-7	83

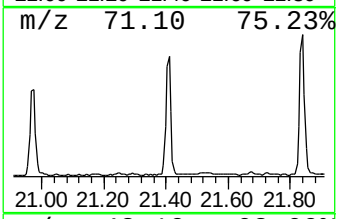


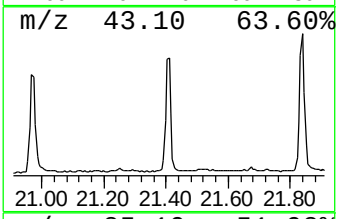


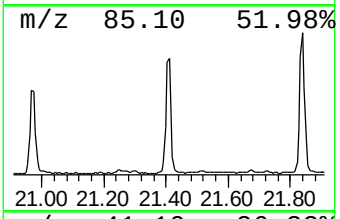


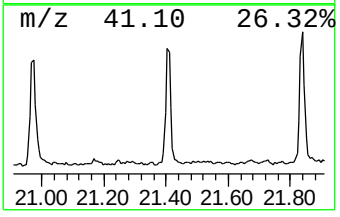












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

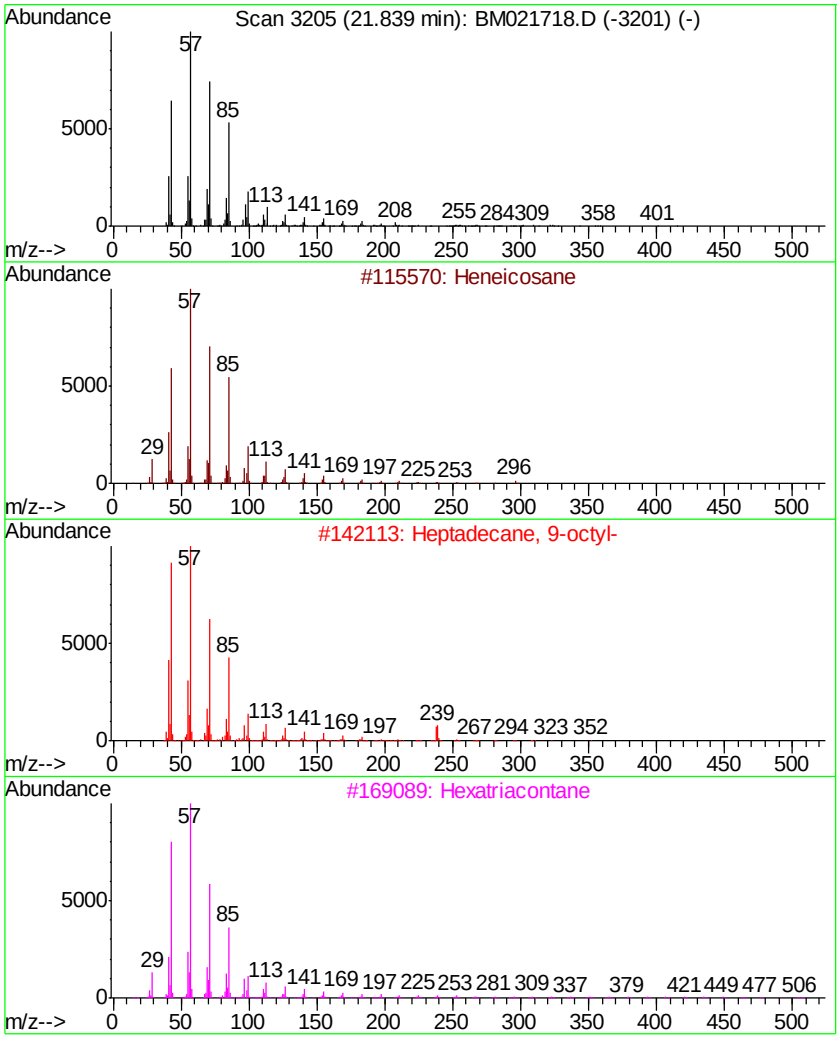
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

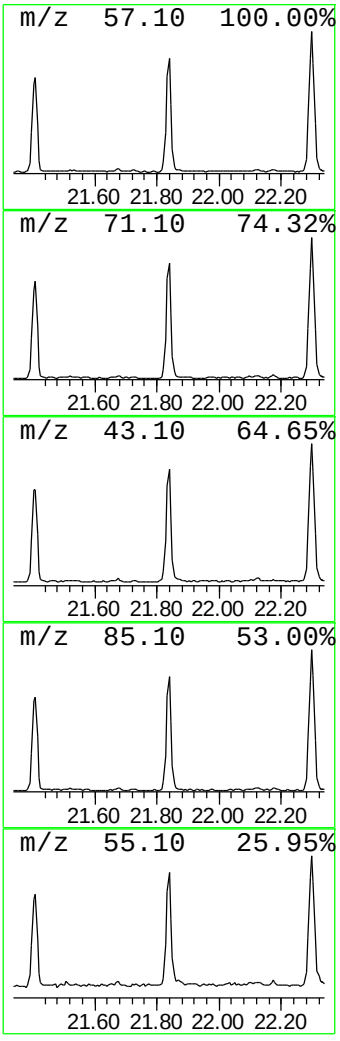
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	3.46 ng/ul	570680	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





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Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

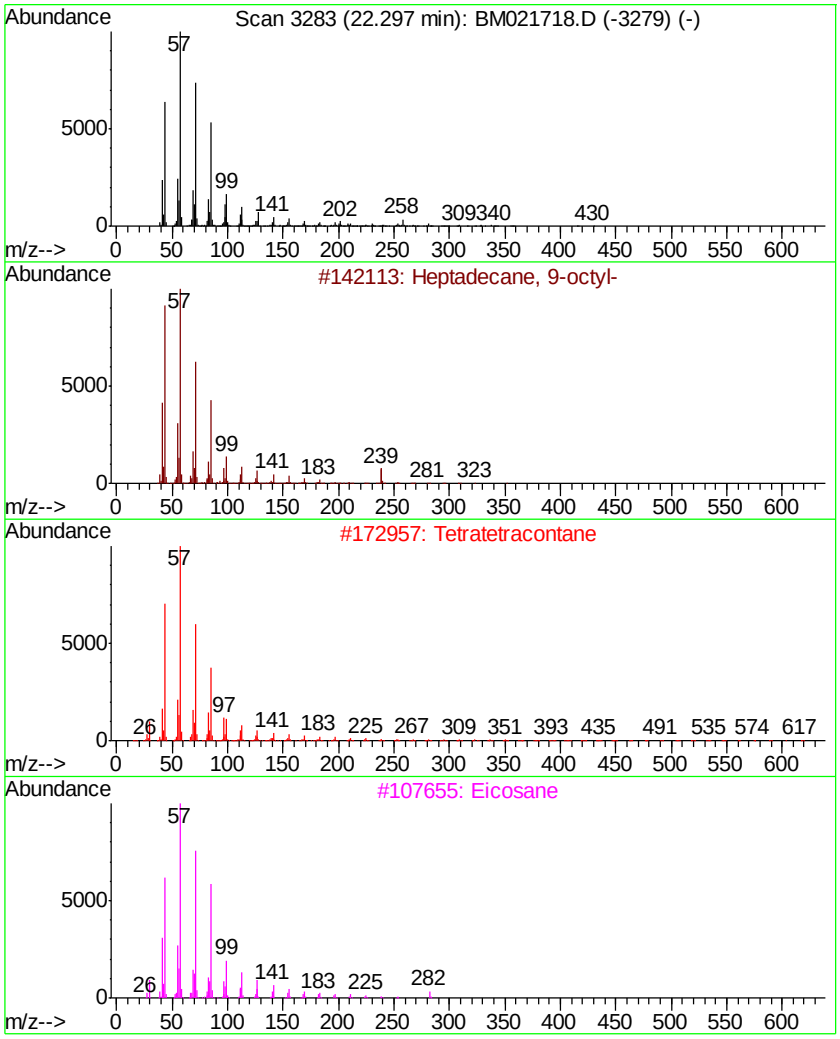
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

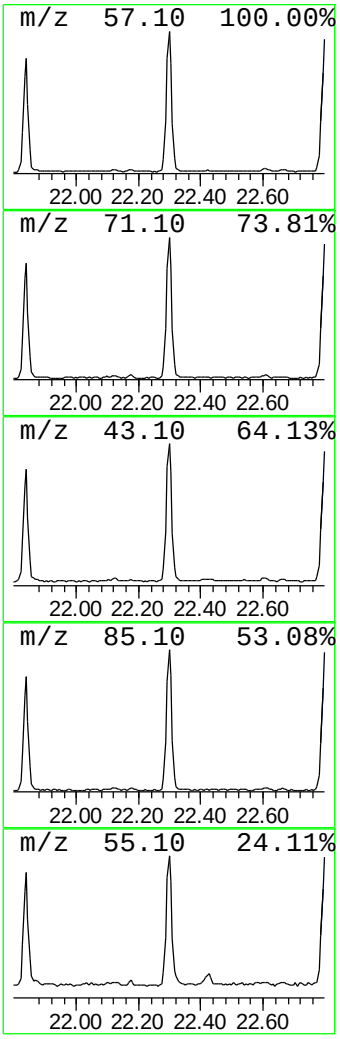
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	6.00 ng/ul	990158	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

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Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

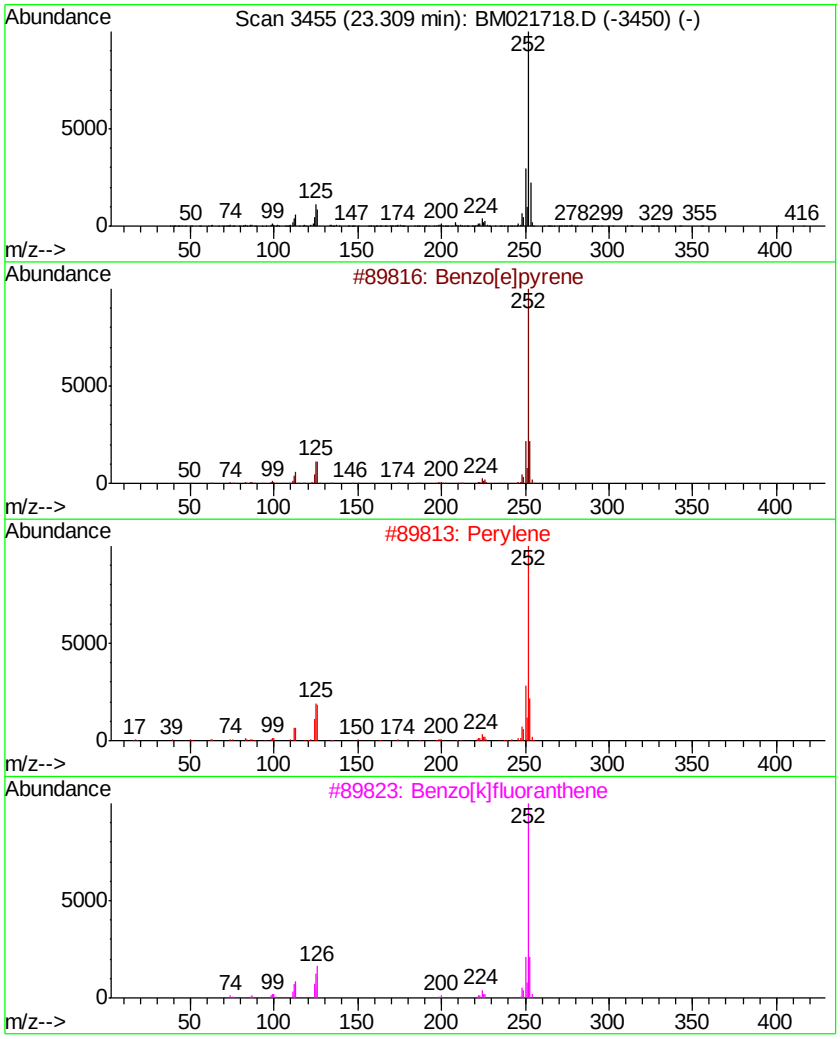
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

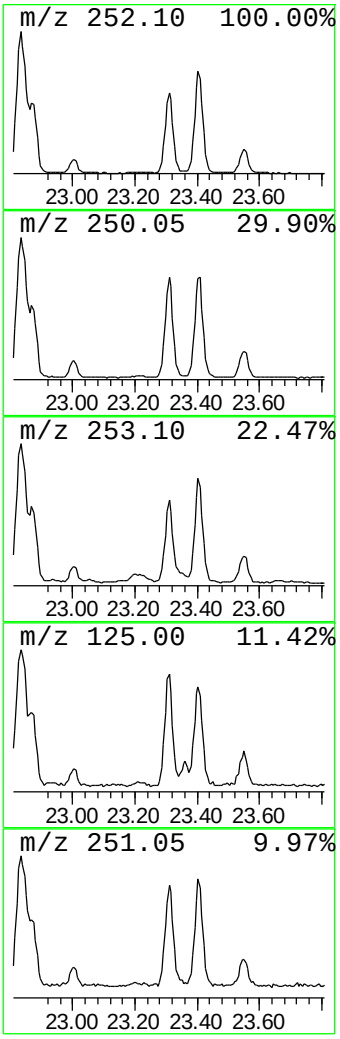
****

Peak Number 11 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.31	6.74 ng/ul	697364	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





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Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

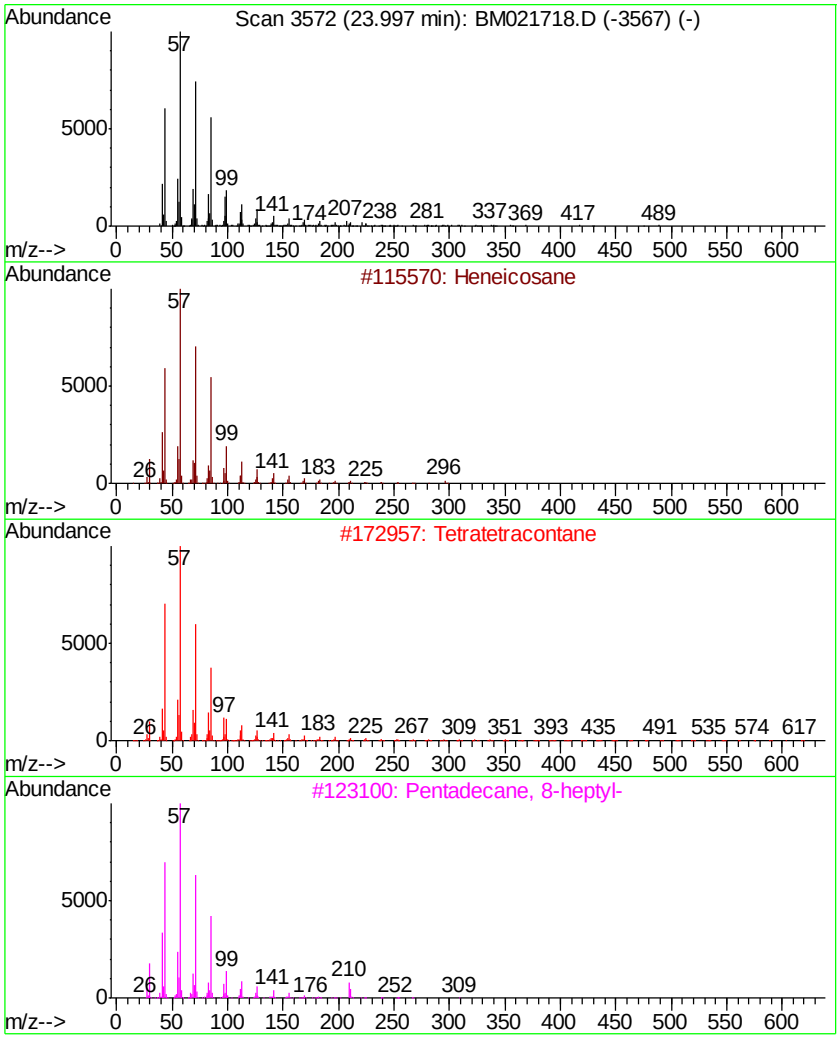
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

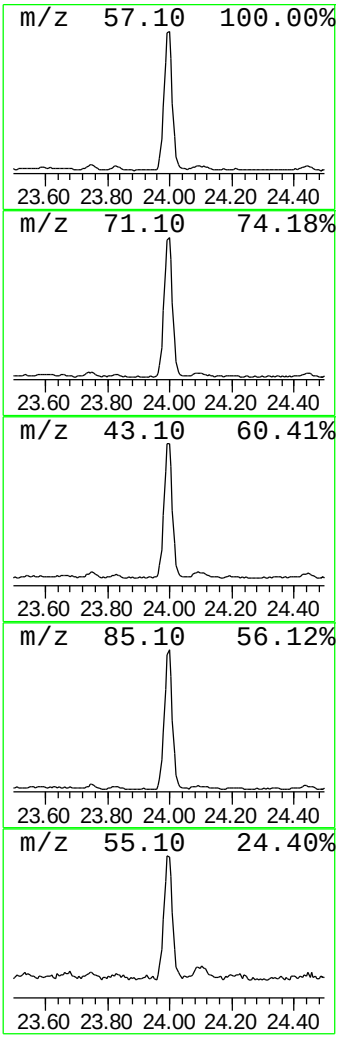
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	7.51 ng/ul	777028	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

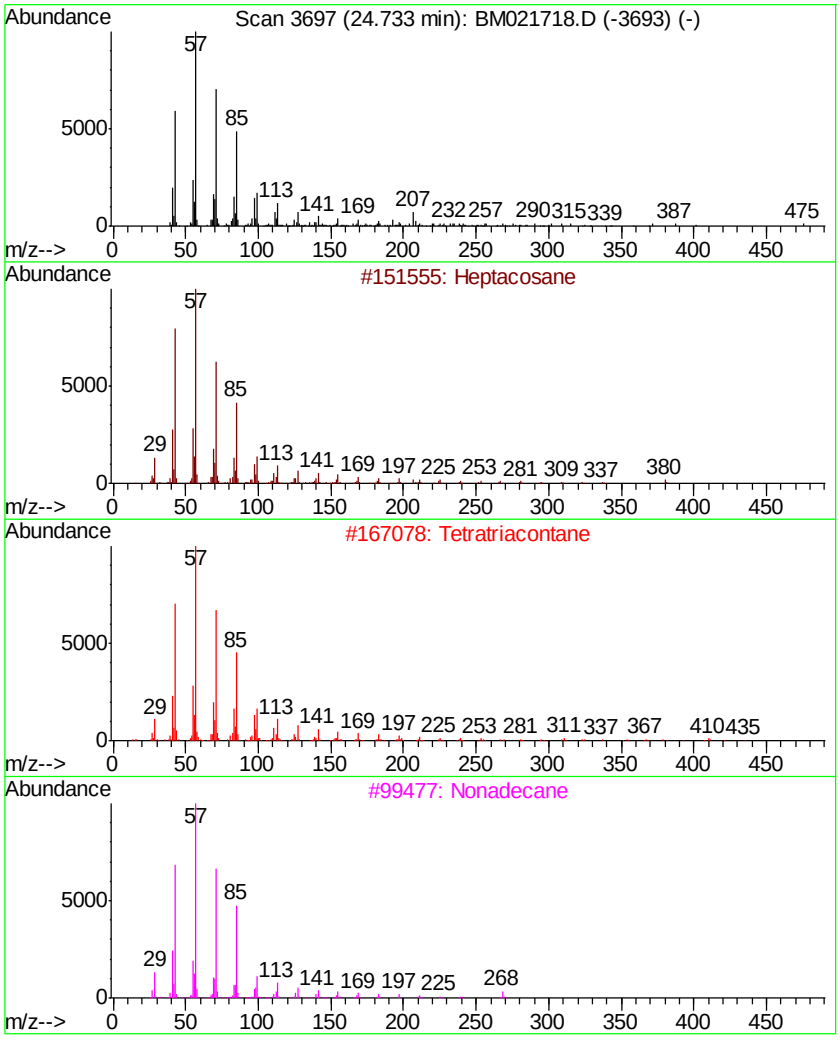
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION

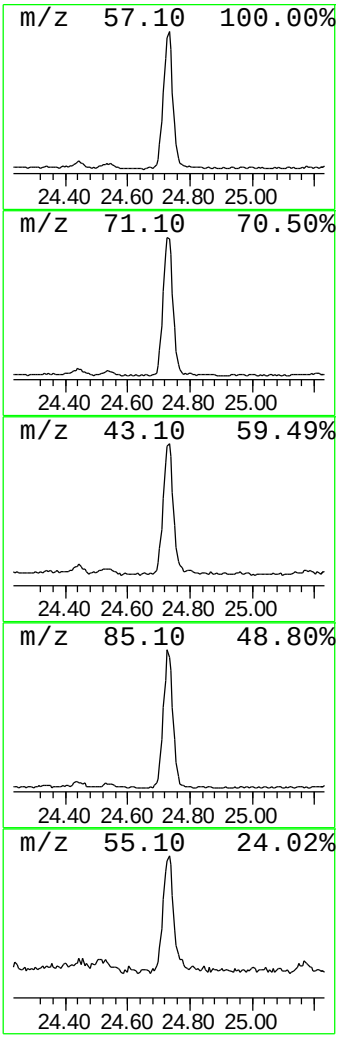
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.73	6.11 ng/ul	632591	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Tetratriacontane	479	C34H70	014167-59-0	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072919\
Data File : BM021718.D
Acq On : 30 Jul 2019 06:05
Operator : HP/JU
Sample : K3922-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A52F1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.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
n-Hexadecanoic acid	17.97	5.4	ng/ul	595989	4	17.07	2225080	20.0
4H-Cyclopenta[def...	18.14	2.3	ng/ul	254584	4	17.07	2225080	20.0
9,10-Anthracenedione	18.51	2.9	ng/ul	320688	4	17.07	2225080	20.0
Octadecanoic acid	19.26	2.5	ng/ul	418567	5	21.27	3300410	20.0
Pyrene, 1-methyl-	20.00	2.3	ng/ul	372822	5	21.27	3300410	20.0
(DEL) Alkane: Str...	20.51	2.0	ng/ul	330165	5	21.27	3300410	20.0
(DEL) Alkane: Str...	20.97	5.8	ng/ul	949794	5	21.27	3300410	20.0
(DEL) Alkane: Str...	21.41	4.2	ng/ul	697489	5	21.27	3300410	20.0
(DEL) Alkane: Str...	21.84	3.5	ng/ul	570680	5	21.27	3300410	20.0
(DEL) Alkane: Str...	22.30	6.0	ng/ul	990158	5	21.27	3300410	20.0
Benzo[e]pyrene	23.31	6.7	ng/ul	697364	6	23.50	2069990	20.0
(DEL) Alkane: Str...	24.00	7.5	ng/ul	777028	6	23.50	2069990	20.0
(DEL) Alkane: Str...	24.73	6.1	ng/ul	632591	6	23.50	2069990	20.0