LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009185.D
Acq On : 26 Dec 2019 22:40
Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

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_N\METHODS\SOM-EPA-BN122419MA.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	3.134	22	25	38	rVB	87044	136751	1.36%	0.090%
2	3.828	138	143	156	rVB	816416	1253639	12.48%	0.821%
3	4.046	175	180	185	rBV	199207	254602	2.54%	0.167%
4	4.175	197	202	212	rVB4	58977	124732	1.24%	0.082%
5	4.440	241	247	254	rVB	120392	165749	1.65%	0.109%
6	5.593	434	443	447	rVV4	95294	173074	1.72%	0.113%
7	6.716	623	634	641	rBV	1935624	3074247	30.61%	2.013%
8	6.869	651	660	668	rBV	1362662	2154184	21.45%	1.410%
9	7.063	686	693	703	rVB	1851666	2905956	28.93%	1.903%
10	7.175	707	712	718	rBV2	97370	161741	1.61%	0.106%
11	7.522	764	771	779	rBV	1381059	2093305	20.84%	1.371%
12	7.663	789	795	802	rVV	68657	119932	1.19%	0.079%
13	8.228	883	891	903	rBV	2242696	3587063	35.72%	2.349%
14	8.663	958	965	973	rVV	1854018	3034319	30.21%	1.987%
15	8.752	976	980	989	rVV	79170	128735	1.28%	0.084%
16	8.840	989	995	1007	rVB2	205849	327138	3.26%	0.214%
17	9.128	1036	1044	1049	rBV	95591	148121	1.47%	0.097%
18	9.375	1078	1086	1093	rBV	1550758	2525742	25.15%	1.654%
19	9.910	1170	1177	1186	rVV	2352540	3774813	37.59%	2.472%
20	10.281	1232	1240	1245	rVV	1976119	3305970	32.92%	2.165%
21	10.328	1245	1248	1254	rVV	192866	286385	2.85%	0.188%
22	10.416	1254	1263	1278	rVV	2176040	3895297	38.79%	2.550%
23	11.734	1481	1487	1497	rVB	72203	122178	1.22%	0.080%
24	11.869	1502	1510	1517	rVV3	61444	120591	1.20%	0.079%
25	11.945	1517	1523	1532	rVB	150352	246527	2.45%	0.161%
26	12.169	1556	1561	1566	rBV	81490	120007	1.19%	0.079%
27	12.998	1695	1702	1706	rBV2	99255	180284	1.80%	0.118%
28	13.328	1751	1758	1764	rVB3	67649	177796	1.77%	0.116%
29	13.475	1777	1783	1788	rVB	85994	145814	1.45%	0.095%
30	13.575	1794	1800	1805	rVV	3724133	5007700	49.86%	3.279%
31	13.622	1805	1808	1812	rVV	100336	127212	1.27%	0.083%
32	13.845	1839	1846	1858	rVB	4267313	6664702	66.36%	4.364%
33	14.151	1891	1898	1905	rBV2	2771384	4308702	42.90%	2.821%
34	14.216	1905	1909	1913	rBV	231431	317771	3.16%	0.208%

LSC Area Percent Report

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Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

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_N\METHODS\SOM-EPA-BN122419MA.M
Title : SVOA CALIBRATION

35	14.375	1929	1936	1948	rBV	1874895	2940143	29.28%	1.925%
36	14.557	1957	1967	1977	rVV2	195098	401202	3.99%	0.263%
37	15.045	2045	2050	2056	rVB2	91026	119797	1.19%	0.078%
38	15.157	2062	2069	2074	rBV	5233443	7530369	74.98%	4.930%
39	15.204	2074	2077	2083	rVB2	230655	341796	3.40%	0.224%
40	15.287	2083	2091	2097	rBV	1331981	1938075	19.30%	1.269%
41	15.504	2124	2128	2140	rVB	109815	221721	2.21%	0.145%
42	15.651	2149	2153	2160	rVB2	105626	205215	2.04%	0.134%
43	15.739	2163	2168	2176	rVB6	59432	133070	1.32%	0.087%
44	15.910	2189	2197	2199	rBV3	111423	202753	2.02%	0.133%
45	16.563	2304	2308	2316	rVB3	165006	295006	2.94%	0.193%
46	16.645	2317	2322	2327	rBV5	88673	192858	1.92%	0.126%
47	16.716	2327	2334	2339	rVV2	145349	318831	3.17%	0.209%
48	16.904	2360	2366	2369	rBV	3509858	4794321	47.74%	3.139%
49	16.945	2369	2373	2378	rVB	2974181	3960484	39.44%	2.593%
50	17.004	2378	2383	2387	rBV	5813017	7836874	78.03%	5.131%
51	17.104	2395	2400	2404	rBV3	76054	124431	1.24%	0.081%
52	17.310	2430	2435	2439	rBV	277656	423208	4.21%	0.277%
53	17.433	2452	2456	2460	rBV2	122398	155200	1.55%	0.102%
54	17.486	2461	2465	2469	rVB3	97394	128763	1.28%	0.084%
55	17.780	2510	2515	2519	rVV	422570	648784	6.46%	0.425%
56	17.828	2519	2523	2530	rVB	681559	944664	9.41%	0.619%
57	17.904	2531	2536	2541	rVV2	187448	287658	2.86%	0.188%
58	17.969	2541	2547	2551	rVV2	616694	1065976	10.61%	0.698%
59	18.010	2551	2554	2562	rVB	298766	412088	4.10%	0.270%
60	18.128	2570	2574	2579	rVV2	230286	326055	3.25%	0.213%
61	18.286	2596	2601	2605	rBV	333134	480091	4.78%	0.314%
62	18.322	2605	2607	2614	rVB6	116778	169115	1.68%	0.111%
63	18.539	2640	2644	2648	rVB2	159188	201419	2.01%	0.132%
64	18.586	2648	2652	2655	rBV	163030	228933	2.28%	0.150%
65	18.628	2656	2659	2663	rVB	128284	160880	1.60%	0.105%
66	18.704	2667	2672	2677	rBV	334342	553746	5.51%	0.363%
67	18.769	2678	2683	2686	rBV2	271115	385010	3.83%	0.252%
68	18.845	2692	2696	2704	rVB2	258085	418115	4.16%	0.274%
69	18.969	2712	2717	2725	rVB	5037943	6527755	65.00%	4.274%
70	19.045	2726	2730	2732	rBV	125092	162708	1.62%	0.107%
71	19.216	2756	2759	2763	rVB2	119110	158515	1.58%	0.104%

LSC Area Percent Report

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Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

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_N\METHODS\SOM-EPA-BN122419MA.M
Title : SVOA CALIBRATION

72	19.304	2769	2774	2777	rBV	6971625	10043065	100.00%	6.576%
73	19.333	2777	2779	2787	rVV	4091263	5081711	50.60%	3.327%
74	19.410	2789	2792	2799	rVB2	224063	400257	3.99%	0.262%
75	19.516	2807	2810	2816	rBV	230475	311975	3.11%	0.204%
76	19.663	2830	2835	2846	rBV4	322666	920343	9.16%	0.603%
77	19.804	2854	2859	2860	rBV3	252400	345236	3.44%	0.226%
78	19.839	2861	2865	2871	rVB2	635845	921757	9.18%	0.604%
79	19.892	2871	2874	2878	rBV	199426	256459	2.55%	0.168%
80	19.939	2878	2882	2886	rBV2	330922	376432	3.75%	0.246%
81	19.992	2886	2891	2896	rBV2	437611	707166	7.04%	0.463%
82	20.133	2911	2915	2919	rVB2	256939	360381	3.59%	0.236%
83	20.180	2919	2923	2927	rBV2	253845	381953	3.80%	0.250%
84	20.392	2956	2959	2963	rBV2	236457	302356	3.01%	0.198%
85	20.586	2989	2992	3000	rVB	437248	581893	5.79%	0.381%
86	20.792	3024	3027	3030	rBV	330767	369090	3.68%	0.242%
87	20.851	3030	3037	3042	rBV3	2051614	3338806	33.24%	2.186%
88	21.104	3074	3080	3084	rBV2	3999911	7591184	75.59%	4.970%
89	21.145	3084	3087	3094	rVB	2163903	2623937	26.13%	1.718%
90	21.263	3104	3107	3109	rBV	235221	266450	2.65%	0.174%
91	21.298	3110	3113	3121	rVV	524468	636946	6.34%	0.417%
92	21.721	3182	3185	3195	rVB4	840323	1396288	13.90%	0.914%
93	22.163	3256	3260	3265	rVB	727265	866648	8.63%	0.567%
94	22.616	3332	3337	3338	rBV	1387806	1812750	18.05%	1.187%
95	23.063	3409	3413	3417	rBV	667998	1152655	11.48%	0.755%
96	23.116	3417	3422	3426	rVV	3525007	5702241	56.78%	3.733%
97	23.157	3426	3429	3437	rVB2	1162721	2625819	26.15%	1.719%
98	23.245	3438	3444	3449	rBV	1962492	3583993	35.69%	2.347%
99	23.780	3530	3535	3541	rVB	1031590	1773554	17.66%	1.161%
100	23.857	3544	3548	3557	rVB3	655860	1434667	14.29%	0.939%

Sum of corrected areas: 152732420

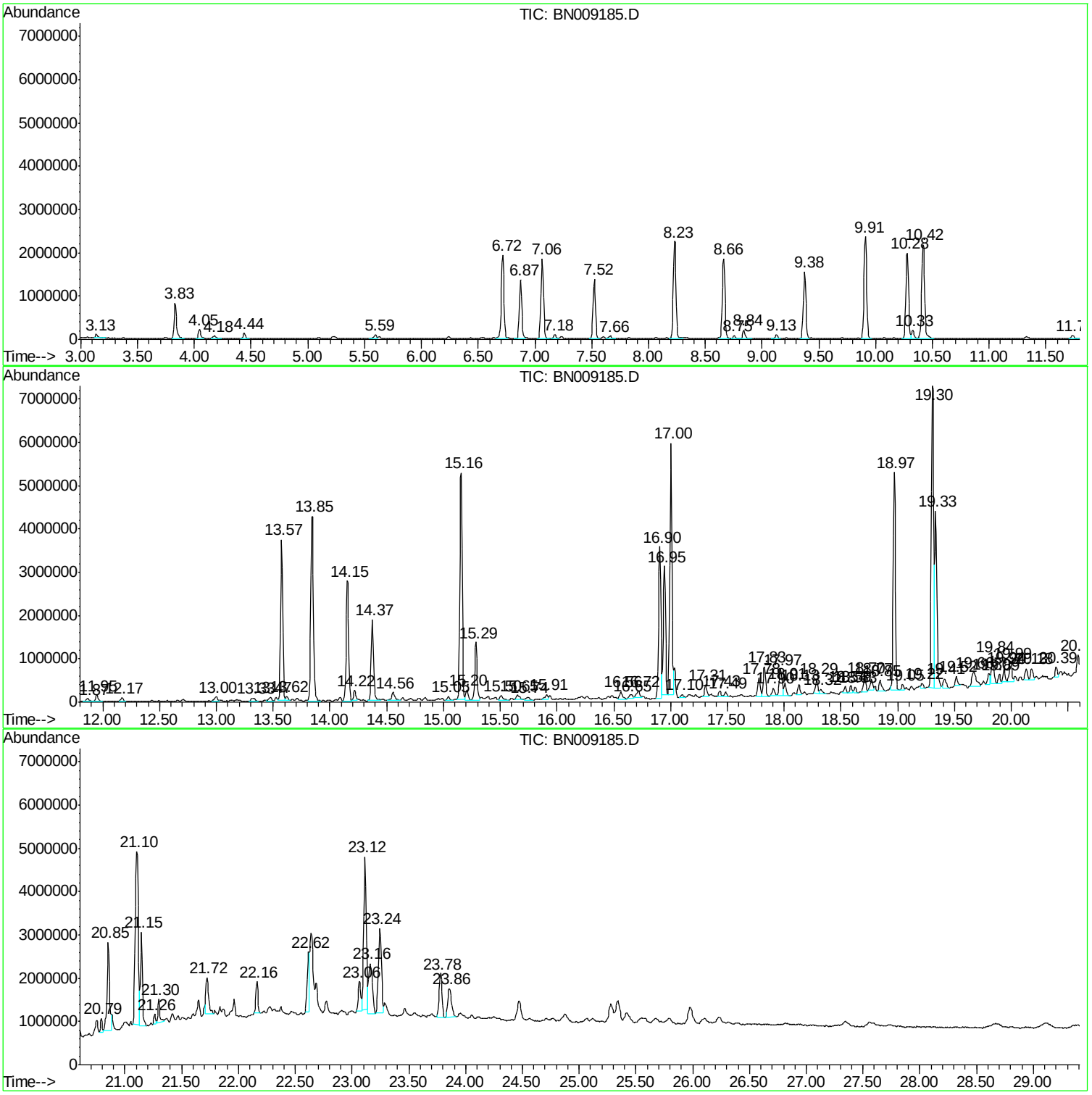
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009185.D
Acq On : 26 Dec 2019 22:40
Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009185.D
Acq On : 26 Dec 2019 22:40
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Misc :
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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

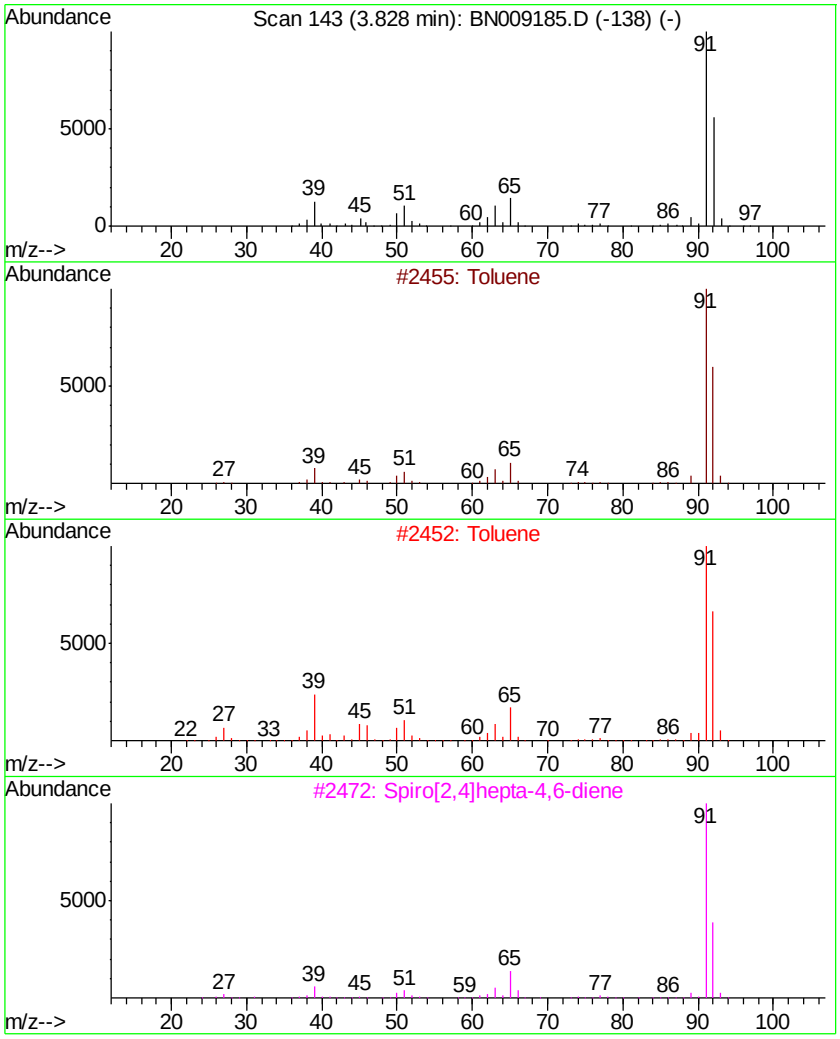
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

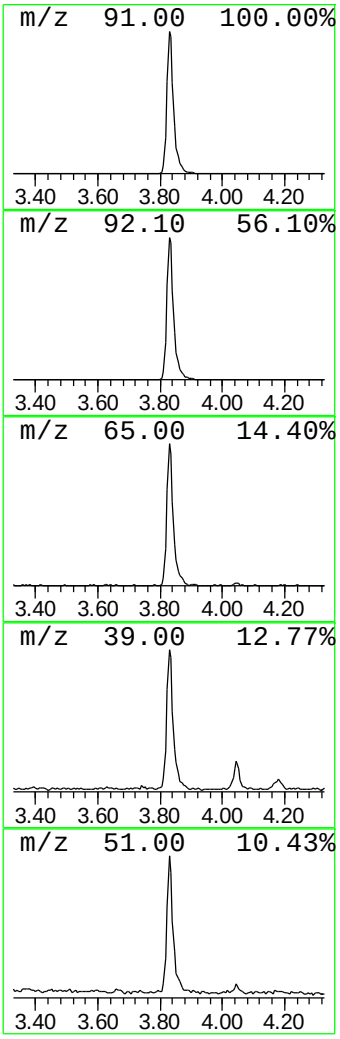
****

Peak Number 1 Toluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	11.98 ng/ul	1253640	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	91
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	91
4	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
5	Toluene	92	C7H8	000108-88-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

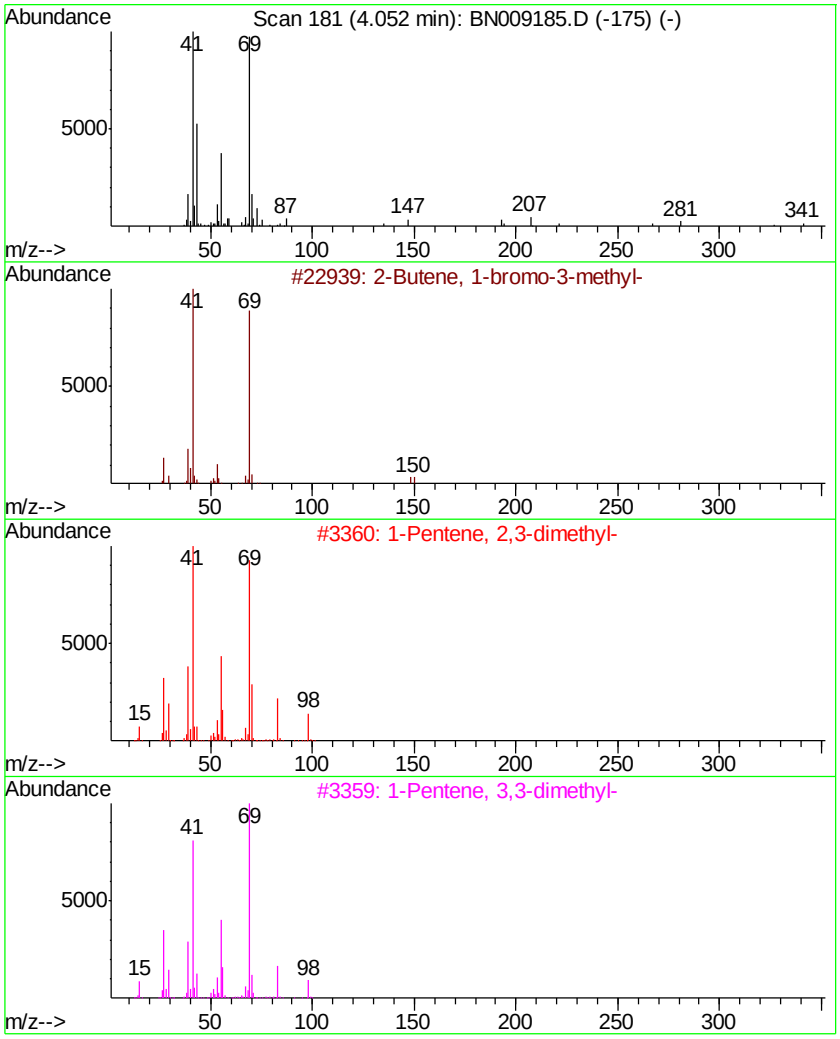
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

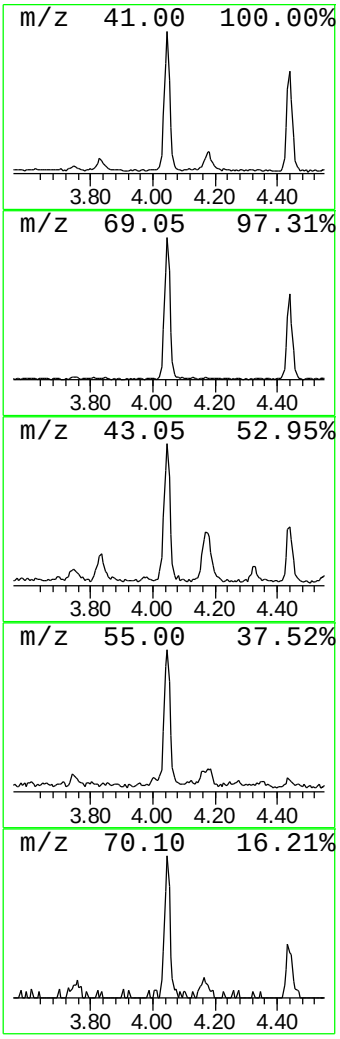
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Butene, 1-bromo-3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	2.43 ng/ul	254602	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	64
2	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	50
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	50
4	4-Trifluoroacetoxyoctane	226	C10H17F3O2	116465-17-9	45
5	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	40





Library Search Compound Report

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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

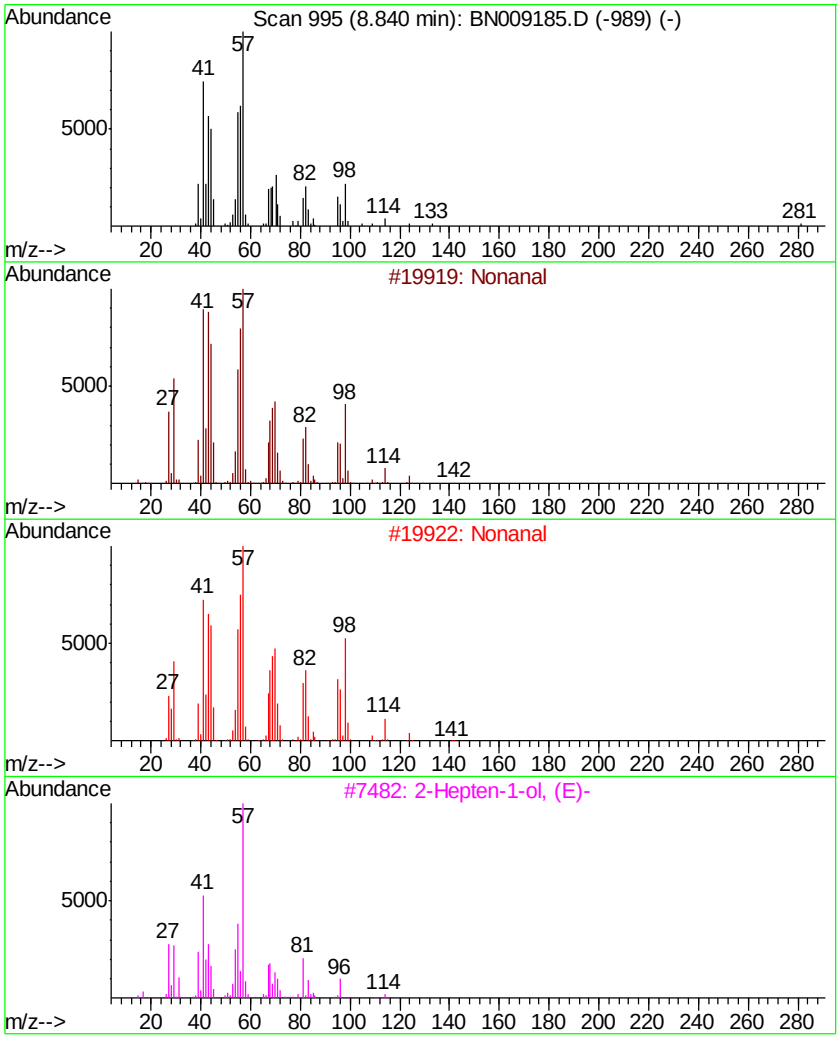
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

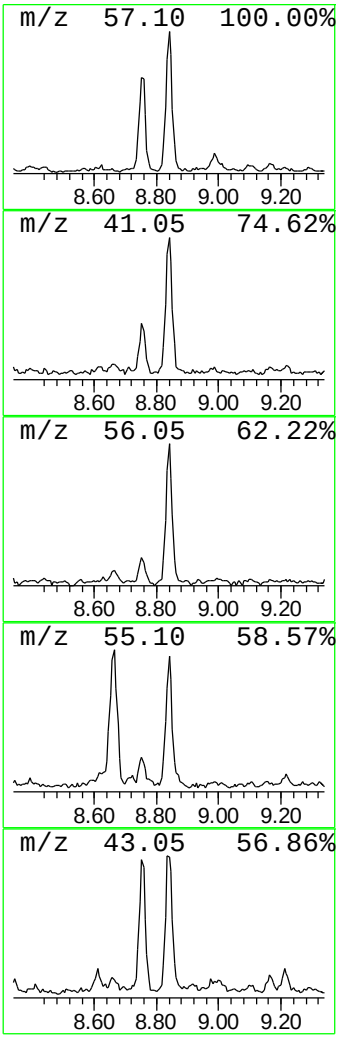
****

Peak Number 3 Nonanal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	3.13 ng/ul	327138	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	90
2	Nonanal	142	C9H18O	000124-19-6	64
3	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	38
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35
5	5-Methyl-2-hexene,c&t	98	C7H14	003404-62-4	30





Library Search Compound Report

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Data File : BN009185.D
Acq On : 26 Dec 2019 22:40
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

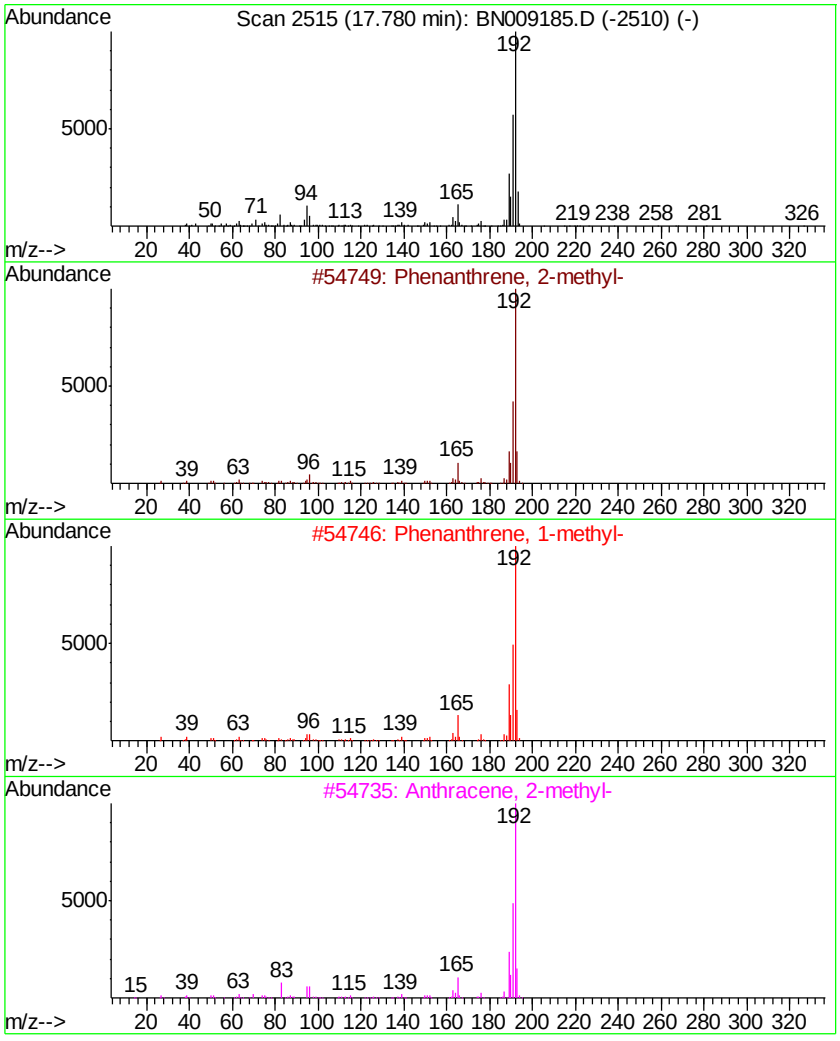
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

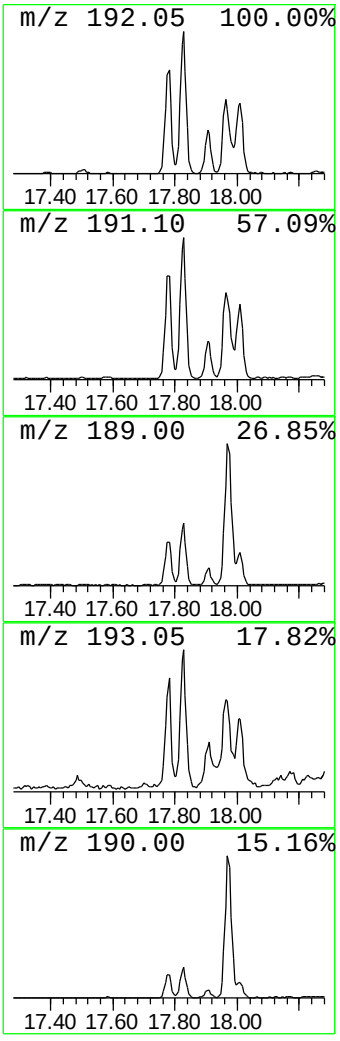
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.71 ng/ul	648784	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009185.D
Acq On : 26 Dec 2019 22:40
Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

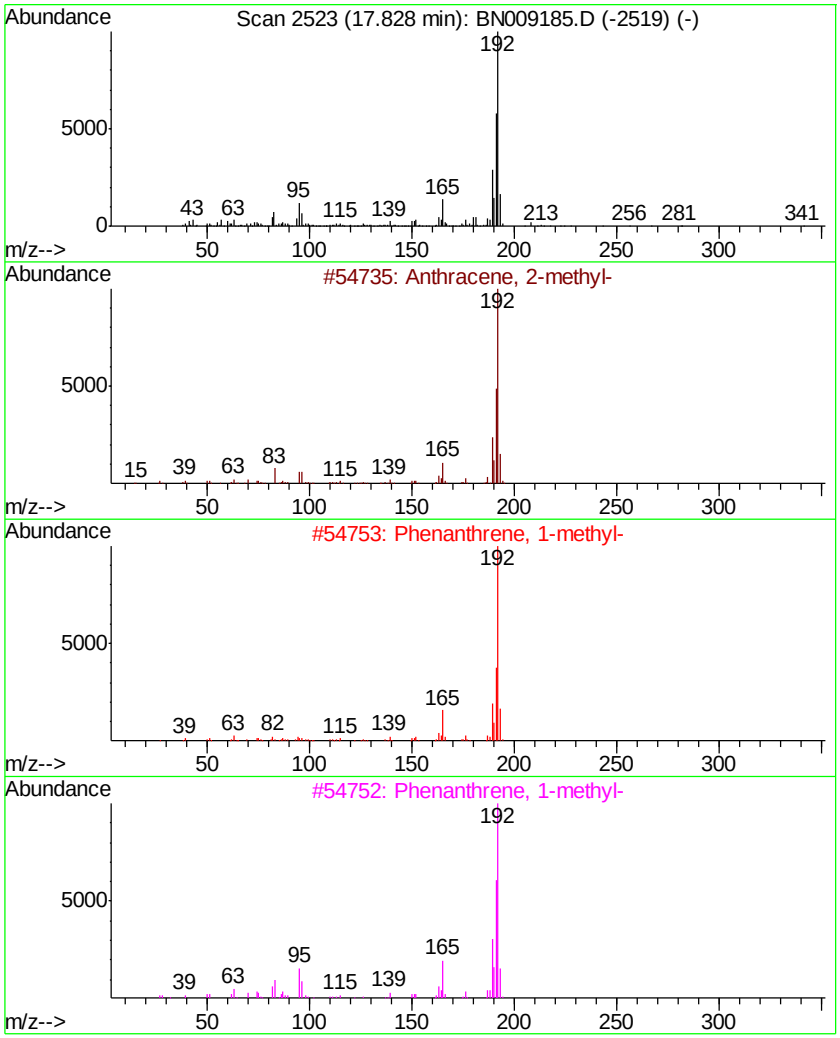
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

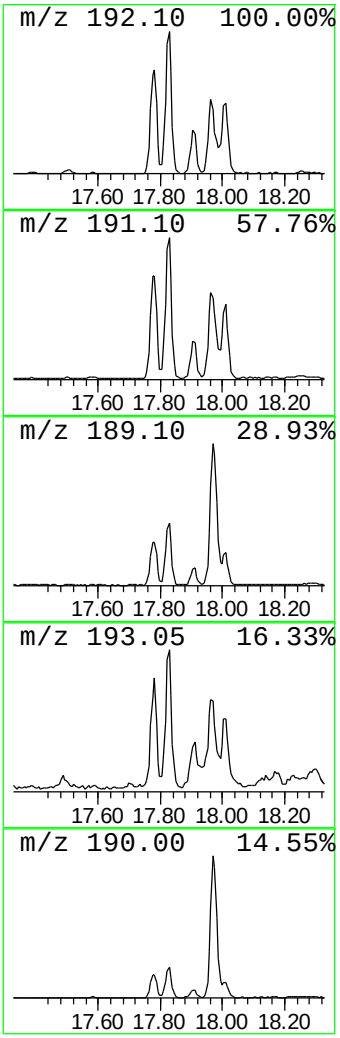
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.94 ng/ul	944664	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





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Acq On : 26 Dec 2019 22:40
Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

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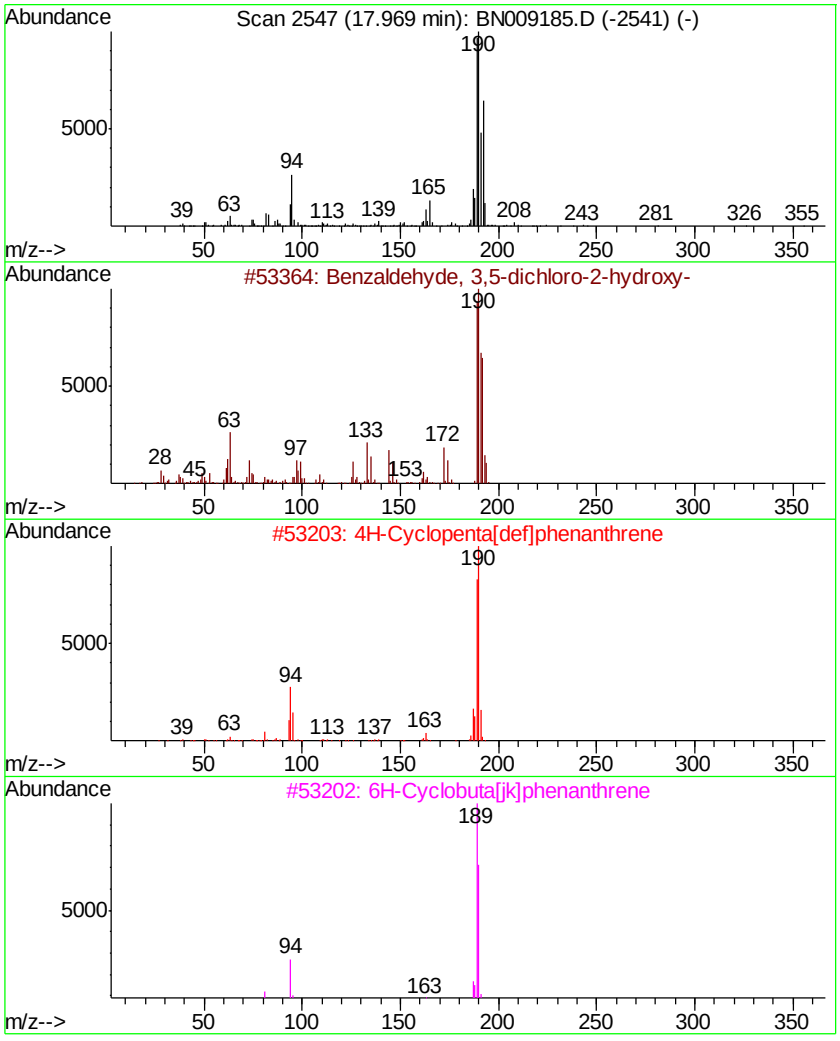
Quant Title : SVOA CALIBRATION

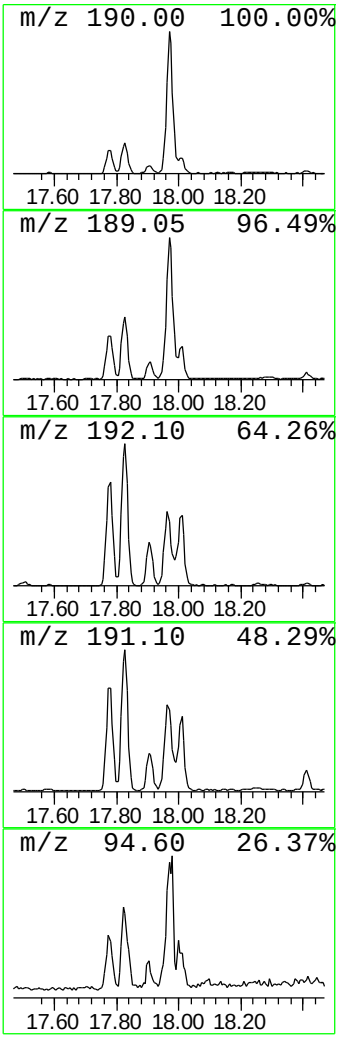
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.45 ng/ul	1065980	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





Library Search Compound Report

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Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

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Quant Title : SVOA CALIBRATION

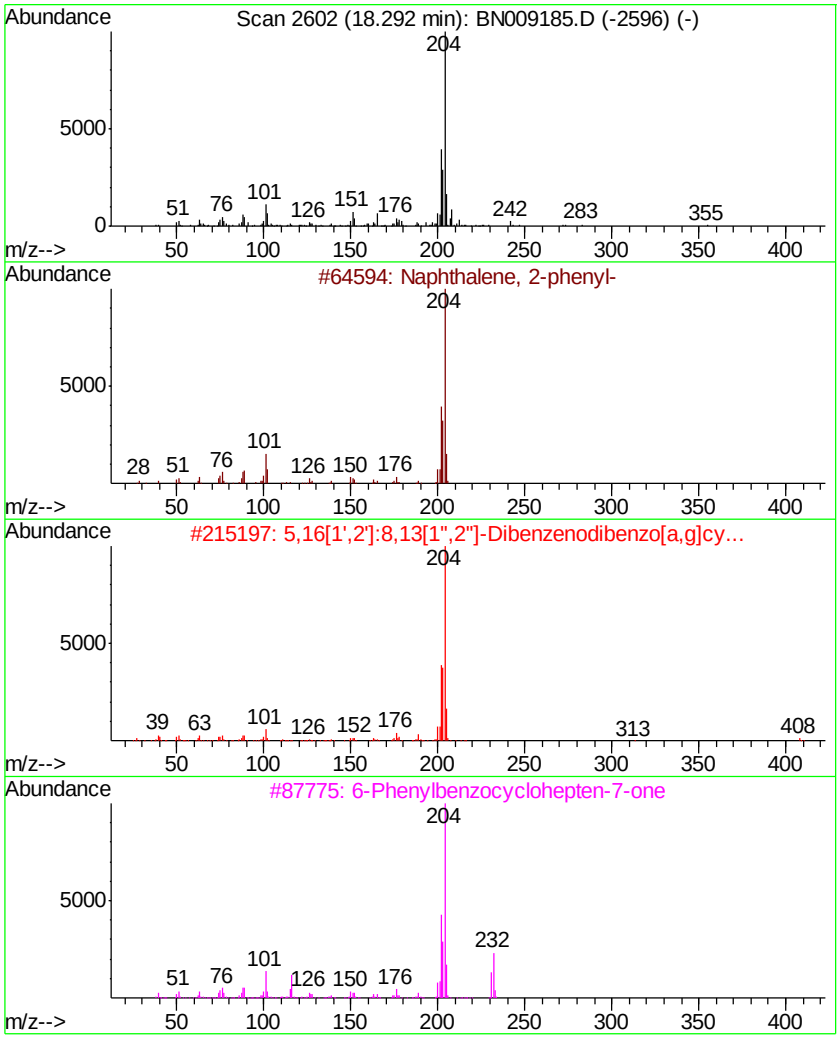
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

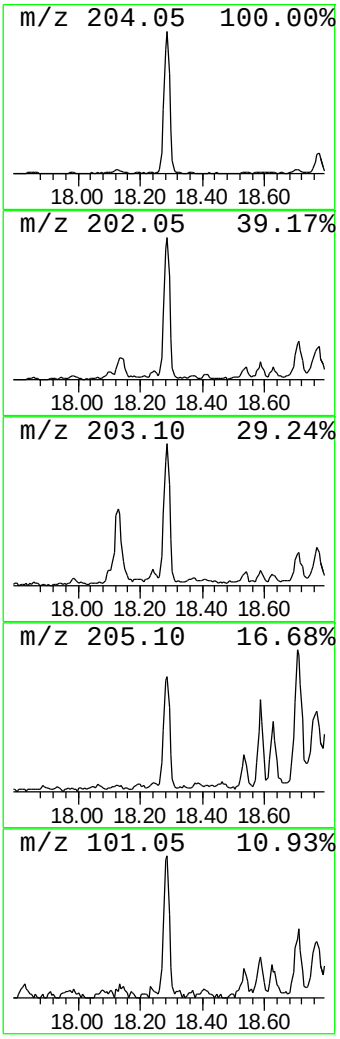
****

Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.00 ng/ul	480091	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

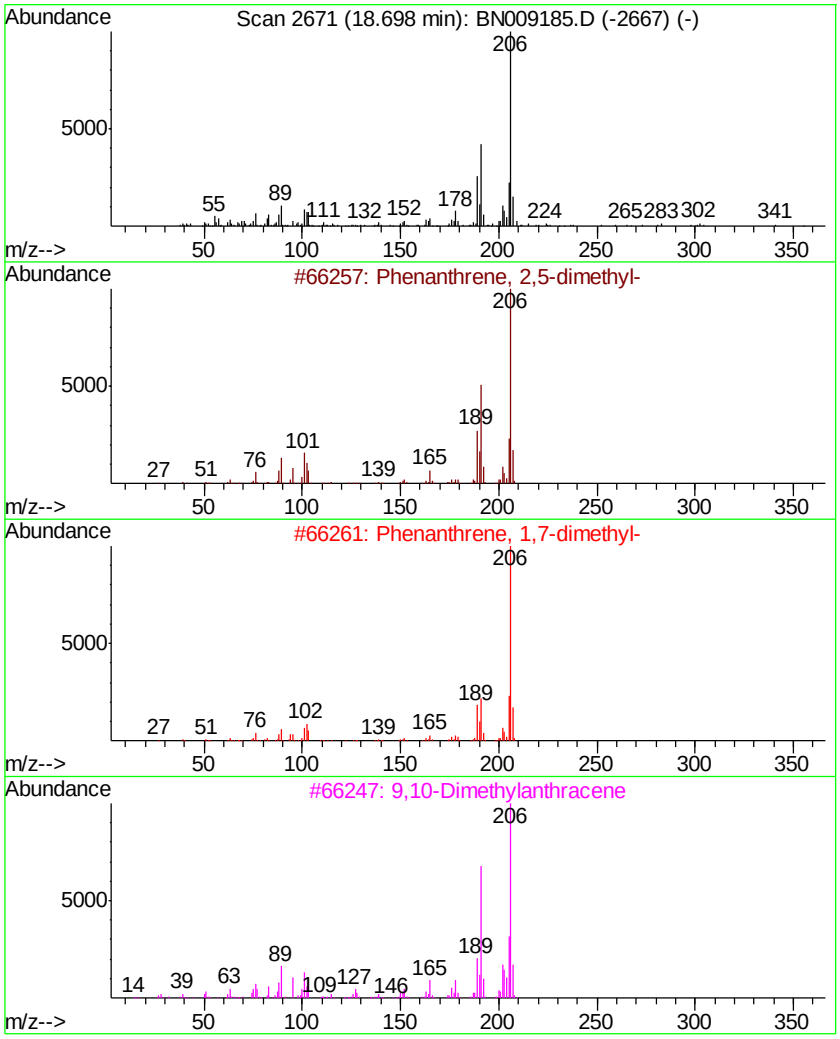
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

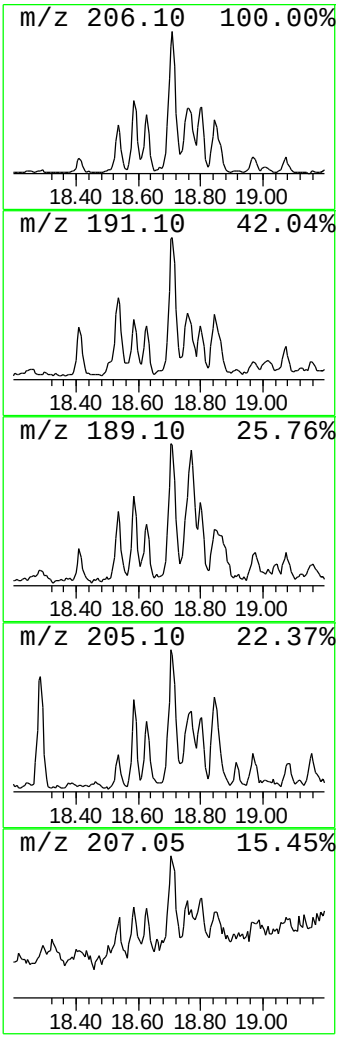
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.31 ng/ul	553746	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

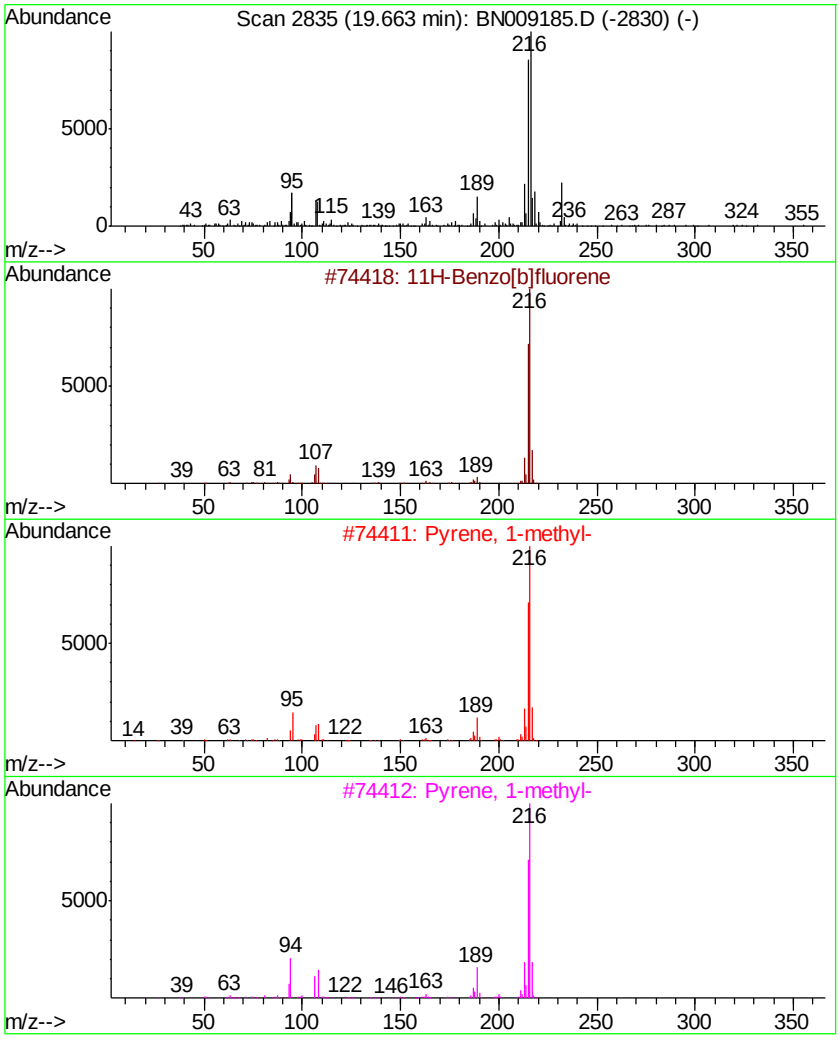
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

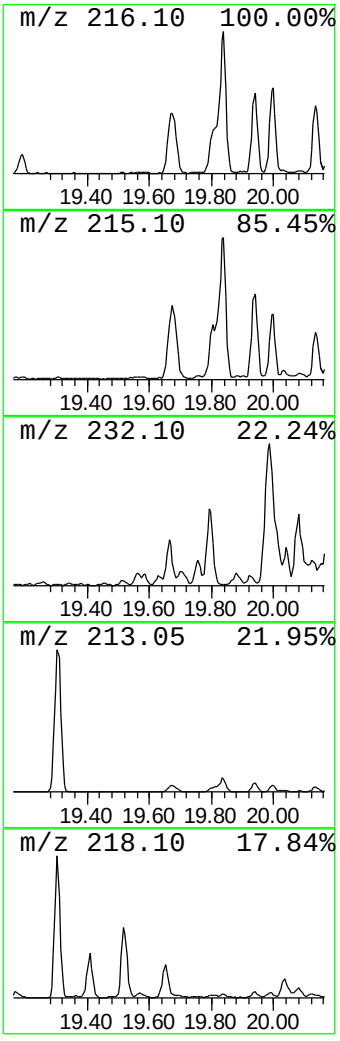
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.42 ng/ul	920343	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

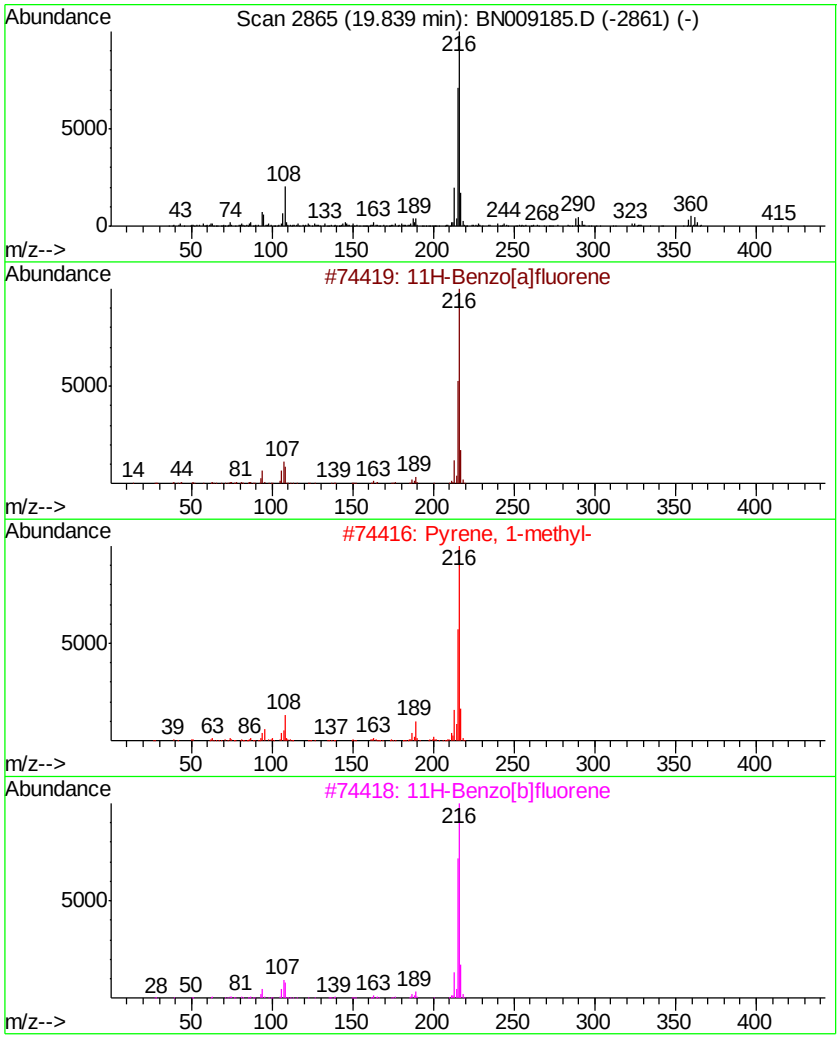
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

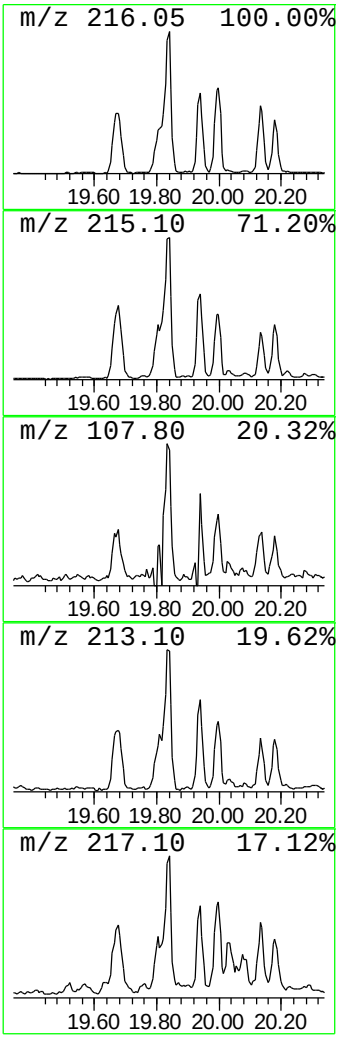
****

Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.43 ng/ul	921757	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : CB5R9

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Quant Title : SVOA CALIBRATION

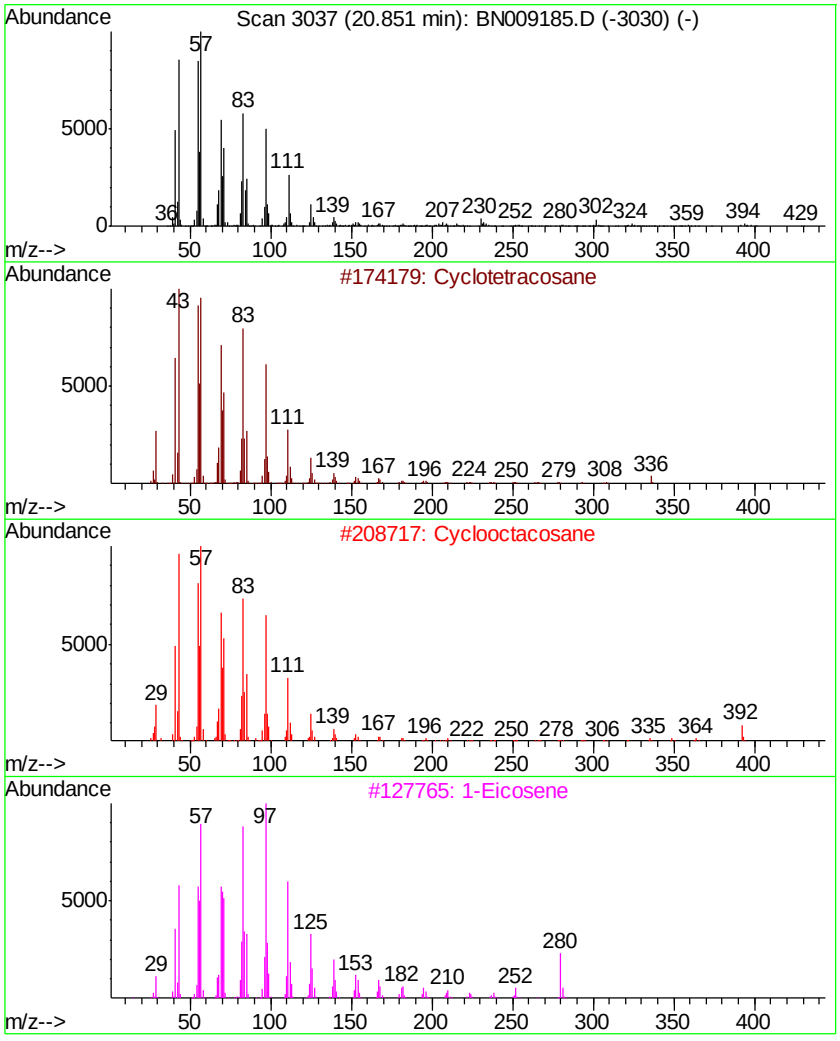
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

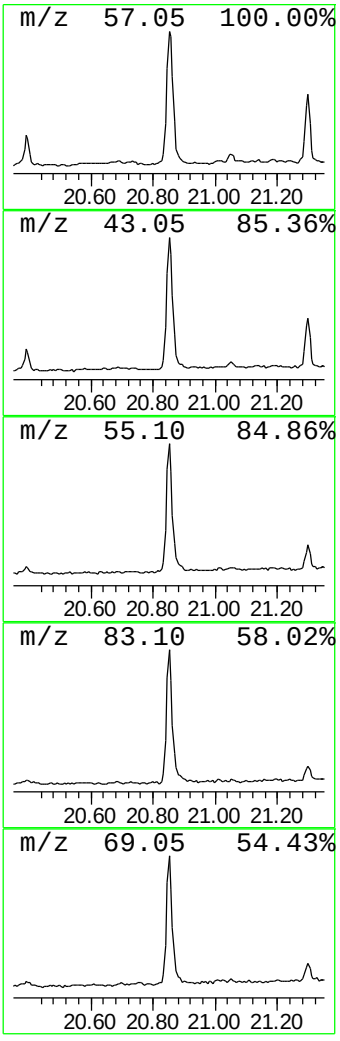
****

Peak Number 11 (DEL) Alkane: Cyclic20.85 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	8.80 ng/ul	3338810	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	Cyclooctacosane	392	C28H56	000297-24-5	96
3	1-Eicosene	280	C20H40	003452-07-1	94
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





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Acq On : 26 Dec 2019 22:40
Operator : JU
Sample : K6381-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R9

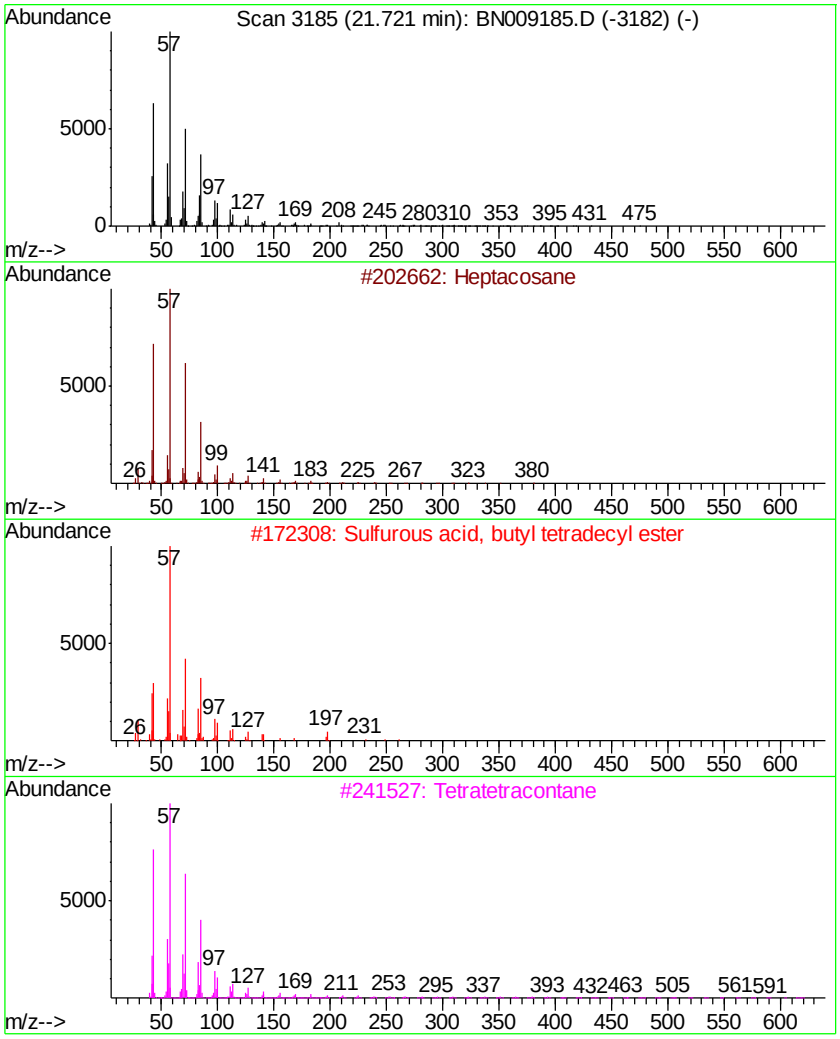
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

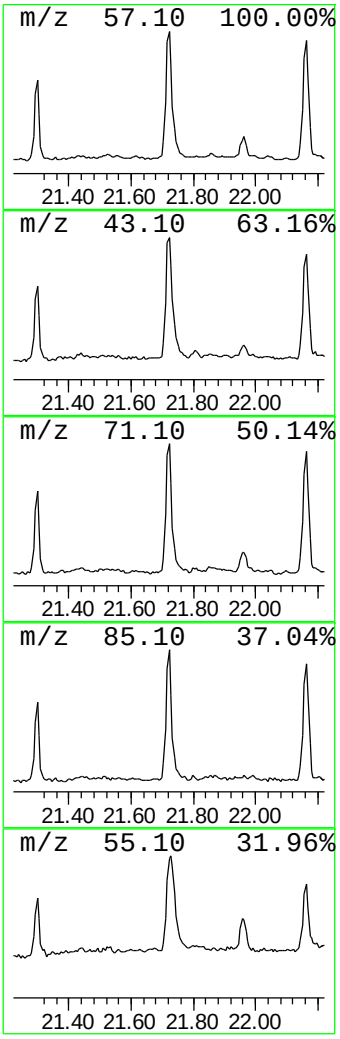
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	3.68 ng/ul	1396290	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	91





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Instrument : BNA_N
ClientSampleId : CB5R9

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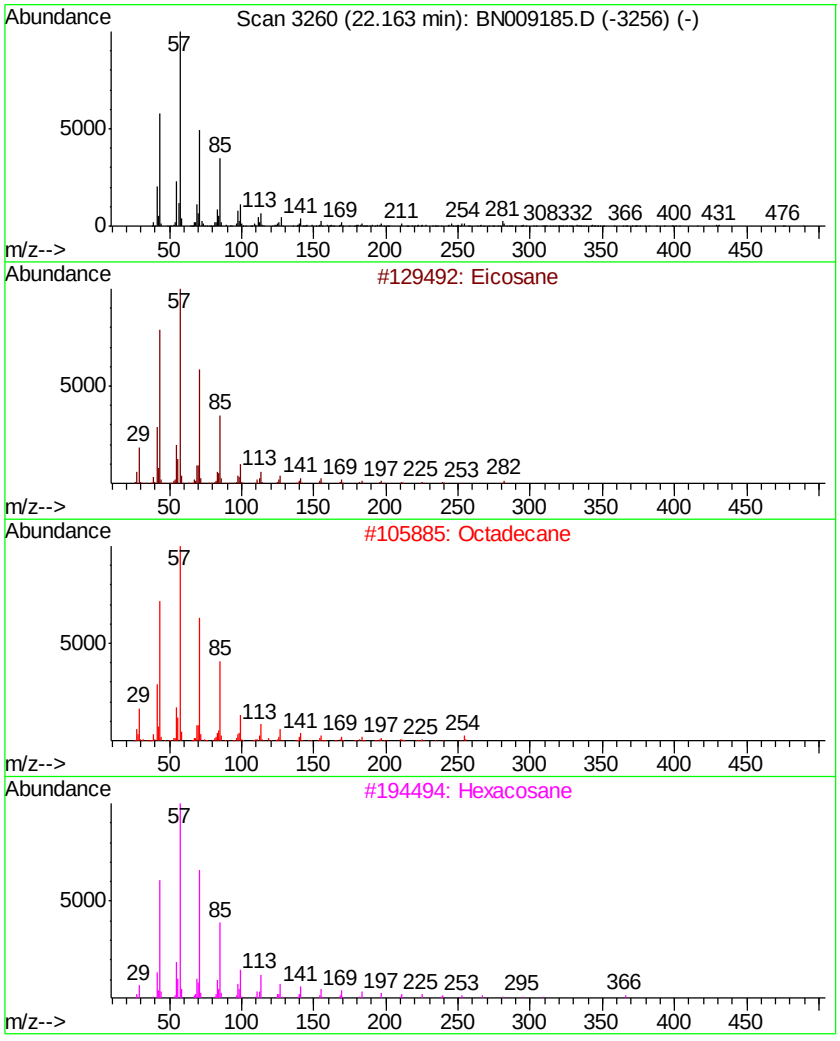
Quant Title : SVOA CALIBRATION

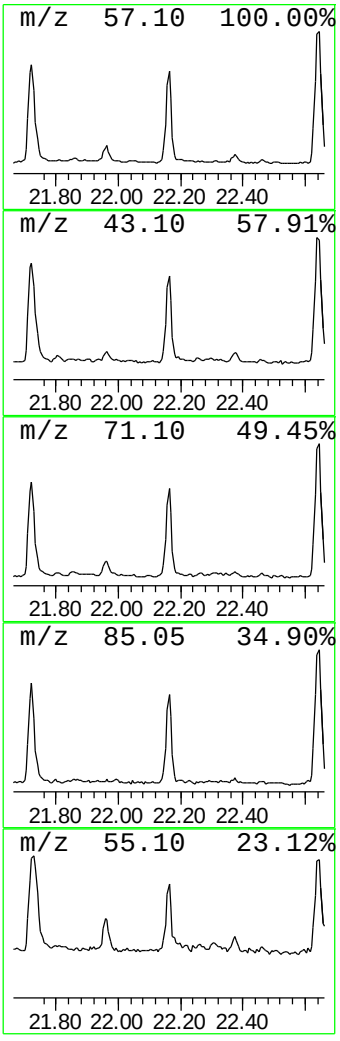
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.28 ng/ul	866648	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane	254	C18H38	000593-45-3	96
3	Hexacosane	366	C26H54	000630-01-3	95
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91





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Quant Title : SVOA CALIBRATION

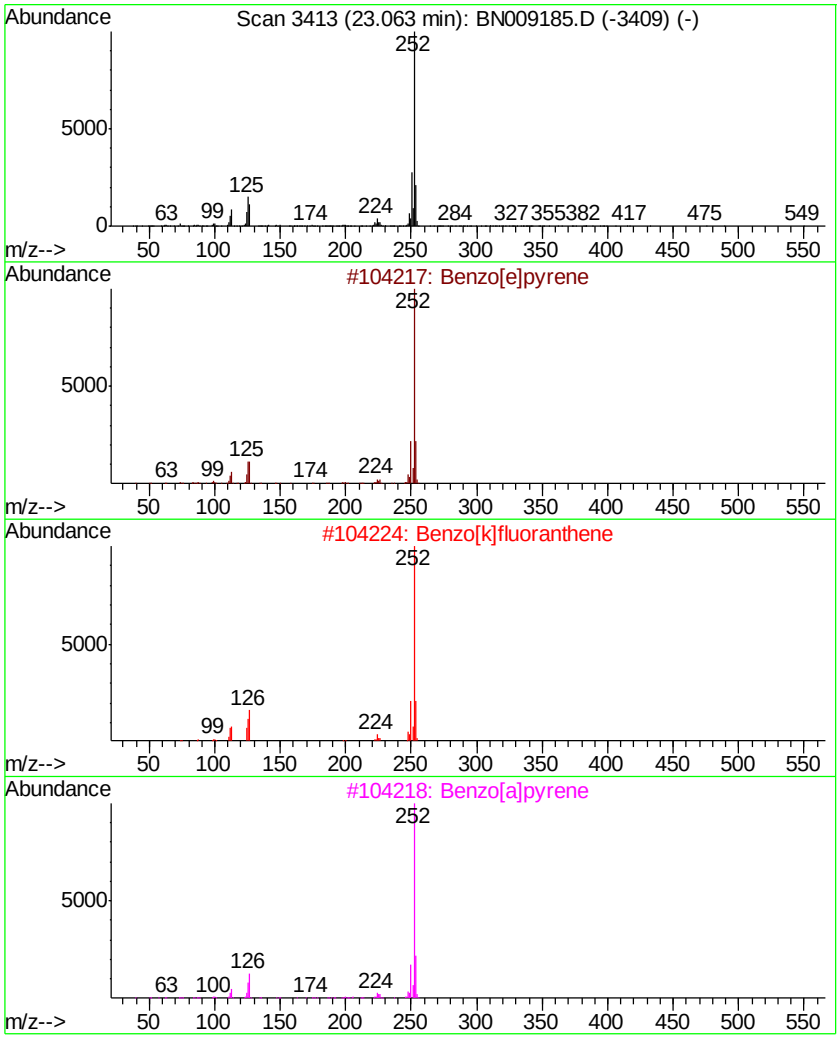
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

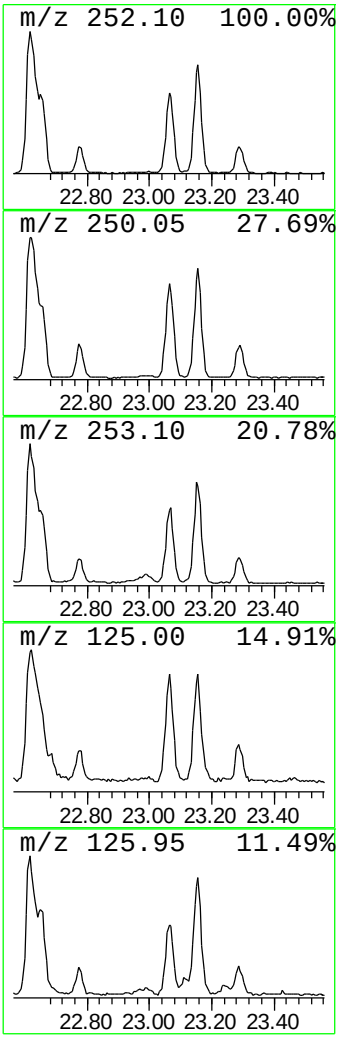
****

Peak Number 14 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	6.43 ng/ul	1152660	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95





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Misc :
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

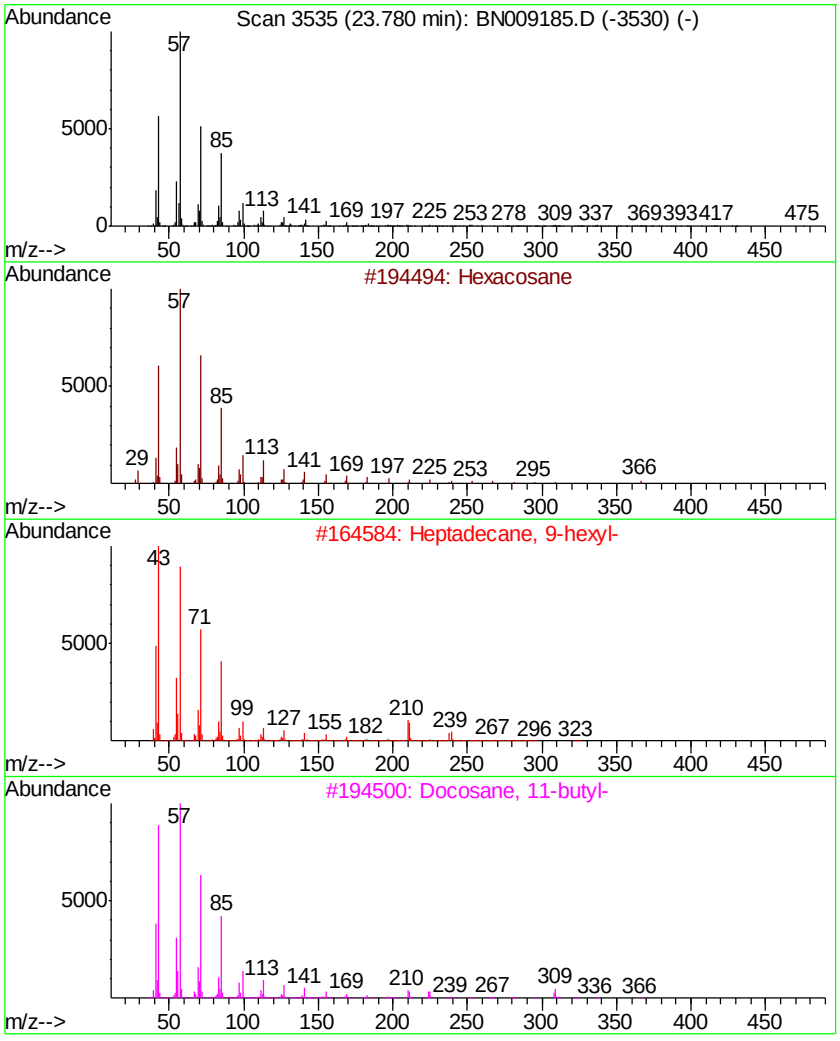
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

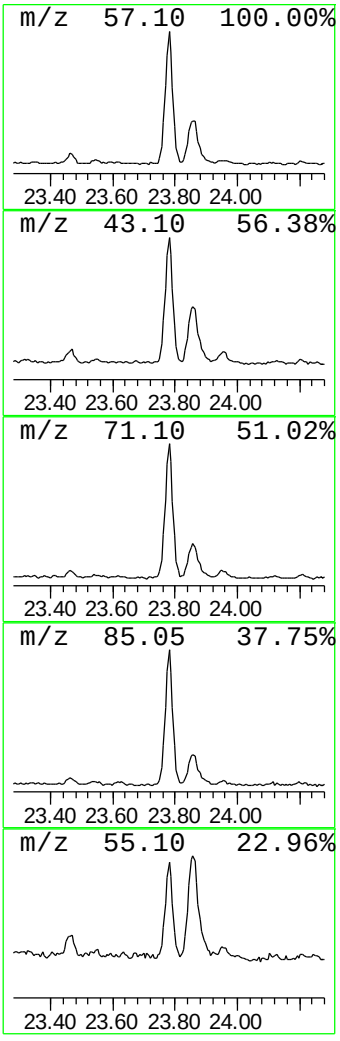
****

Peak Number 15 (DEL) Alkane: Straight-Chain Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	9.90 ng/ul	1773550	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	97
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93





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ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

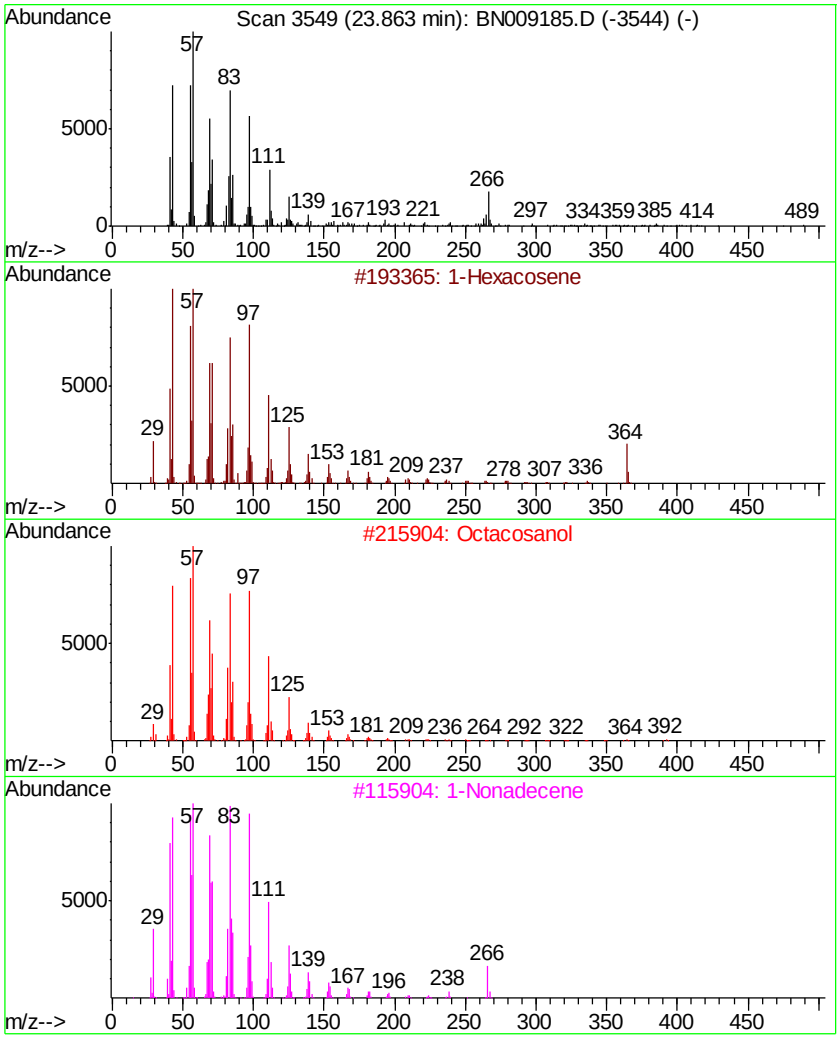
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

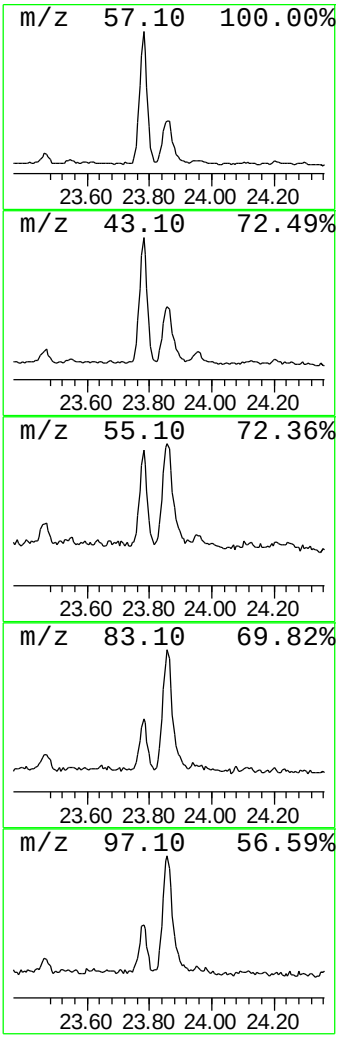
****

Peak Number 16 (DEL) Alkane: Cyclic23.86 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	8.01 ng/ul	1434670	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	89
2	Octacosanol	410	C28H58O	000557-61-9	87
3	1-Nonadecene	266	C19H38	018435-45-5	86
4	9-Nonadecene	266	C19H38	031035-07-1	83
5	Cycloeicosane	280	C20H40	000296-56-0	81





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Toluene	3.83	12.0	ng/ul	1253640	1	7.52	2093310	20.0
2-Butene, 1-bromo...	4.05	2.4	ng/ul	254602	1	7.52	2093310	20.0
Nonanal	8.84	3.1	ng/ul	327138	1	7.52	2093310	20.0
Phenanthrene, 2-m...	17.78	2.7	ng/ul	648784	4	16.90	4794320	20.0
Anthracene, 2-met...	17.83	3.9	ng/ul	944664	4	16.90	4794320	20.0
Benzaldehyde, 3,5...	17.97	4.5	ng/ul	1065980	4	16.90	4794320	20.0
Naphthalene, 2-ph...	18.29	2.0	ng/ul	480091	4	16.90	4794320	20.0
Phenanthrene, 2,5...	18.70	2.3	ng/ul	553746	4	16.90	4794320	20.0
11H-Benzo[b]fluorene	19.66	2.4	ng/ul	920343	5	21.11	7591180	20.0
11H-Benzo[a]fluorene	19.84	2.4	ng/ul	921757	5	21.11	7591180	20.0
(DEL) Alkane: Cyc...	20.85	8.8	ng/ul	3338810	5	21.11	7591180	20.0
(DEL) Alkane: Str...	21.72	3.7	ng/ul	1396290	5	21.11	7591180	20.0
(DEL) Alkane: Str...	22.16	2.3	ng/ul	866648	5	21.11	7591180	20.0
Benzo[e]pyrene	23.06	6.4	ng/ul	1152660	6	23.24	3583990	20.0
(DEL) Alkane: Str...	23.78	9.9	ng/ul	1773550	6	23.24	3583990	20.0
(DEL) Alkane: Cyc...	23.86	8.0	ng/ul	1434670	6	23.24	3583990	20.0