LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009184.D
Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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	3.828	139	143	156	rVB	210382	347292	3.95%	0.223%
2	4.046	175	180	186	rBV	231509	310034	3.52%	0.199%
3	4.440	242	247	255	rBV	147506	195501	2.22%	0.125%
4	6.240	548	553	563	rVB	331679	512796	5.83%	0.329%
5	6.534	593	603	610	rBV2	80607	153585	1.75%	0.099%
6	6.716	622	634	648	rVB	1671833	2823819	32.10%	1.812%
7	6.875	651	661	667	rBV	1196125	2006716	22.81%	1.288%
8	6.975	673	678	686	rVV	262384	396393	4.51%	0.254%
9	7.064	686	693	703	rVB	1615824	2543406	28.91%	1.632%
10	7.522	764	771	781	rVV	1383342	2229772	25.35%	1.431%
11	7.663	790	795	803	rVV	127866	207597	2.36%	0.133%
12	8.228	886	891	902	rVV	2003078	3273793	37.22%	2.100%
13	8.316	902	906	916	rVV2	54051	152441	1.73%	0.098%
14	8.663	958	965	976	rVV	1615233	2679407	30.46%	1.719%
15	8.840	989	995	1005	rVB	355070	531402	6.04%	0.341%
16	9.375	1079	1086	1094	rBV	1350848	2214620	25.18%	1.421%
17	9.599	1119	1124	1131	rVV4	105909	219790	2.50%	0.141%
18	9.910	1170	1177	1189	rVB	2043806	3397542	38.62%	2.180%
19	10.281	1232	1240	1245	rVV	2030411	3405784	38.72%	2.185%
20	10.328	1245	1248	1255	rVV2	89606	202644	2.30%	0.130%
21	10.416	1255	1263	1277	rVV	1813615	3396699	38.61%	2.179%
22	12.998	1695	1702	1706	rVV2	103193	183464	2.09%	0.118%
23	13.575	1794	1800	1805	rVV	3238479	4383339	49.83%	2.812%
24	13.622	1805	1808	1813	rVV	327655	424617	4.83%	0.272%
25	13.840	1839	1845	1858	rVB	3711521	5803727	65.98%	3.724%
26	14.157	1891	1899	1905	rBV	2894342	4390129	49.91%	2.817%
27	14.216	1905	1909	1918	rVB2	180357	312885	3.56%	0.201%
28	14.375	1929	1936	1948	rBV	1581701	2519747	28.64%	1.617%
29	14.557	1959	1967	1973	rBV3	125972	246908	2.81%	0.158%
30	15.157	2062	2069	2074	rBV	4475998	6572772	74.72%	4.217%
31	15.204	2074	2077	2083	rVB2	170384	249851	2.84%	0.160%
32	15.287	2083	2091	2097	rBV	1143700	1659137	18.86%	1.065%
33	15.651	2149	2153	2163	rVV	100583	231365	2.63%	0.148%
34	15.751	2163	2170	2175	rVB4	85036	170005	1.93%	0.109%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

35	15.910	2189	2197	2199	rVV5	104723	218587	2.48%	0.140%
36	16.563	2303	2308	2316	rVB2	163891	295323	3.36%	0.189%
37	16.651	2317	2323	2327	rBV4	87452	187512	2.13%	0.120%
38	16.698	2327	2331	2333	rBV3	97871	145893	1.66%	0.094%
39	16.904	2360	2366	2369	rVV	3607348	4888934	55.58%	3.137%
40	16.945	2369	2373	2377	rVV	2599365	3516346	39.97%	2.256%
41	17.004	2377	2383	2387	rVV2	4514697	6953218	79.04%	4.461%
42	17.034	2387	2388	2395	rVB	691215	570136	6.48%	0.366%
43	17.310	2430	2435	2440	rBV	289667	467098	5.31%	0.300%
44	17.781	2510	2515	2518	rVV	403595	552563	6.28%	0.355%
45	17.828	2518	2523	2529	rVB	664767	927139	10.54%	0.595%
46	17.904	2529	2536	2540	rBV2	190003	361823	4.11%	0.232%
47	17.969	2541	2547	2551	rVV2	548858	943867	10.73%	0.606%
48	18.010	2551	2554	2562	rVB	271674	373661	4.25%	0.240%
49	18.086	2562	2567	2571	rBV4	148170	248479	2.82%	0.159%
50	18.128	2571	2574	2579	rVV4	202018	274012	3.11%	0.176%
51	18.286	2595	2601	2605	rBV2	348165	718986	8.17%	0.461%
52	18.322	2605	2607	2616	rVB	303809	410807	4.67%	0.264%
53	18.533	2640	2643	2648	rBV2	156485	204942	2.33%	0.131%
54	18.586	2649	2652	2655	rBV	139686	172509	1.96%	0.111%
55	18.628	2656	2659	2663	rVB	125182	168236	1.91%	0.108%
56	18.704	2666	2672	2677	rBV2	367027	699193	7.95%	0.449%
57	18.757	2677	2681	2686	rBV4	500020	860997	9.79%	0.552%
58	18.845	2692	2696	2704	rBV	300576	455140	5.17%	0.292%
59	18.969	2709	2717	2726	rVV	4737202	6466575	73.51%	4.149%
60	19.045	2726	2730	2733	rBV	105949	136742	1.55%	0.088%
61	19.122	2740	2743	2747	rVB2	128751	172913	1.97%	0.111%
62	19.216	2756	2759	2765	rVB3	120386	153429	1.74%	0.098%
63	19.304	2769	2774	2777	rVV	6099312	8796819	100.00%	5.644%
64	19.333	2777	2779	2789	rVV	4096937	5193120	59.03%	3.332%
65	19.410	2789	2792	2799	rVB2	209116	392418	4.46%	0.252%
66	19.516	2807	2810	2813	rBV	216254	254880	2.90%	0.164%
67	19.557	2814	2817	2827	rVB	180650	408417	4.64%	0.262%
68	19.669	2830	2836	2841	rBV6	321880	790879	8.99%	0.507%
69	19.804	2854	2859	2861	rBV3	332137	534505	6.08%	0.343%
70	19.839	2862	2865	2872	rVB	590187	878756	9.99%	0.564%
71	19.898	2872	2875	2878	rVB	178320	177797	2.02%	0.114%

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Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

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Peak separation: 5

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

72	19.939	2878	2882	2886	rBV	309763	367795	4.18%	0.236%
73	19.992	2887	2891	2897	rBV2	432528	732332	8.32%	0.470%
74	20.133	2912	2915	2918	rVB	257078	322802	3.67%	0.207%
75	20.180	2919	2923	2927	rBV	284464	405653	4.61%	0.260%
76	20.263	2934	2937	2941	rBV3	320054	419920	4.77%	0.269%
77	20.398	2957	2960	2963	rBV2	199824	231055	2.63%	0.148%
78	20.586	2989	2992	2999	rVB	528475	751351	8.54%	0.482%
79	20.751	3015	3020	3024	rBV3	402689	713579	8.11%	0.458%
80	20.792	3024	3027	3030	rBV	345713	370325	4.21%	0.238%
81	20.857	3030	3038	3042	rBV2	2613887	4087294	46.46%	2.622%
82	21.051	3068	3071	3074	rBV	641844	685664	7.79%	0.440%
83	21.110	3074	3081	3085	rVV2	4189867	8223252	93.48%	5.276%
84	21.145	3085	3087	3095	rVB	2284822	2514335	28.58%	1.613%
85	21.263	3104	3107	3110	rBV	233242	315767	3.59%	0.203%
86	21.298	3110	3113	3117	rVV2	558465	682696	7.76%	0.438%
87	21.422	3131	3134	3138	rBV2	205567	237989	2.71%	0.153%
88	21.651	3171	3173	3177	rVB	431391	435202	4.95%	0.279%
89	21.722	3182	3185	3195	rVB2	974228	1905719	21.66%	1.223%
90	21.963	3223	3226	3231	rVB	845098	878702	9.99%	0.564%
91	22.163	3256	3260	3265	rBV	808497	997856	11.34%	0.640%
92	22.374	3294	3296	3308	rVB7	349083	489178	5.56%	0.314%
93	22.622	3333	3338	3339	rBV	1598406	2325195	26.43%	1.492%
94	22.686	3346	3349	3359	rVB2	1580203	2558846	29.09%	1.642%
95	23.069	3409	3414	3417	rBV	784326	1303263	14.82%	0.836%
96	23.116	3417	3422	3426	rVV	2912735	4826508	54.87%	3.097%
97	23.157	3426	3429	3438	rVB2	1392269	3070047	34.90%	1.970%
98	23.251	3439	3445	3450	rBV	2017864	3585433	40.76%	2.300%
99	23.780	3530	3535	3541	rVB	1274455	2303816	26.19%	1.478%
100	23.857	3543	3548	3558	rVV	1309907	2795926	31.78%	1.794%

Sum of corrected areas: 155859130

LSC Report - Integrated Chromatogram

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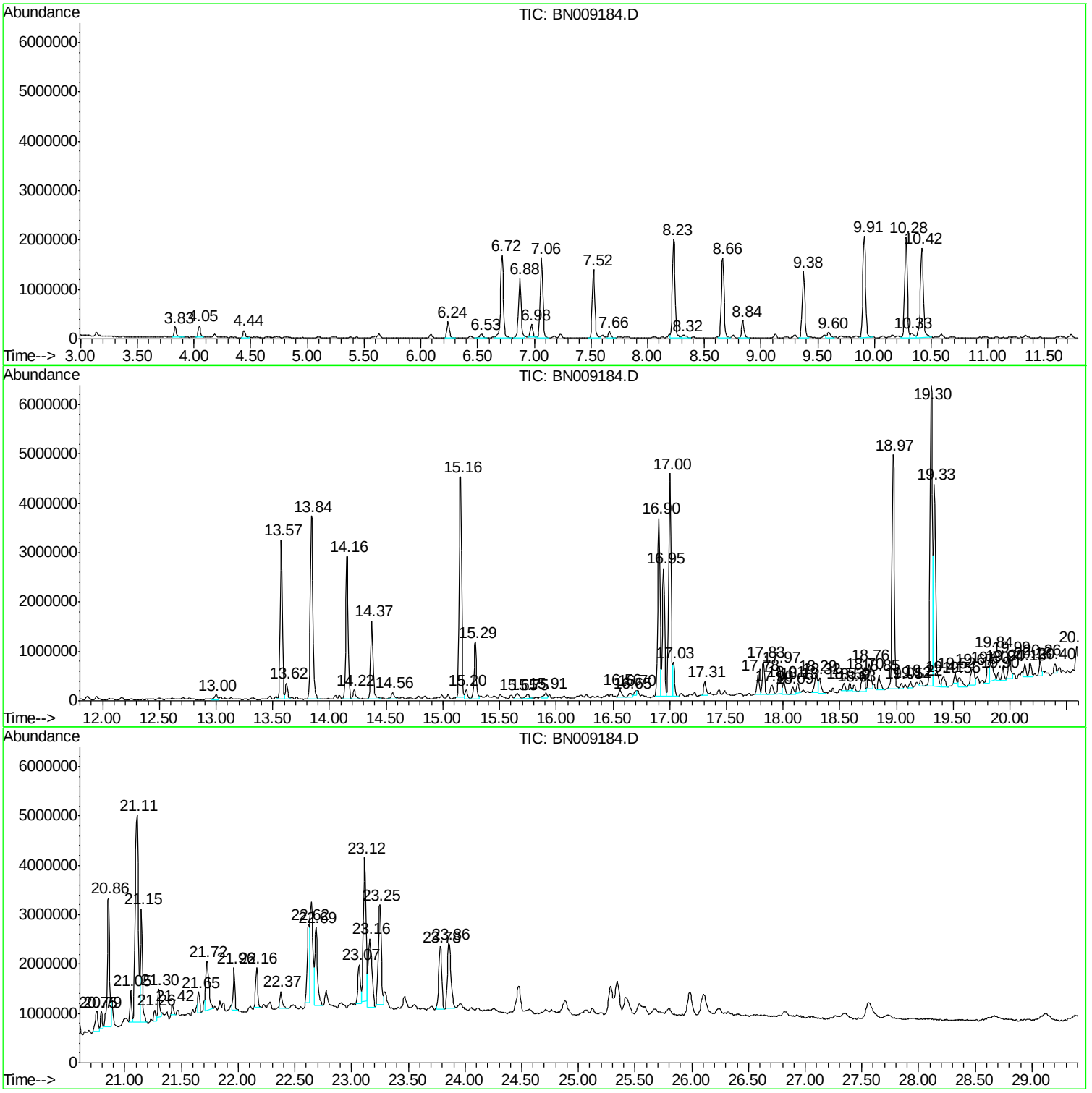
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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 : BN009184.D
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Quant Title : SVOA CALIBRATION

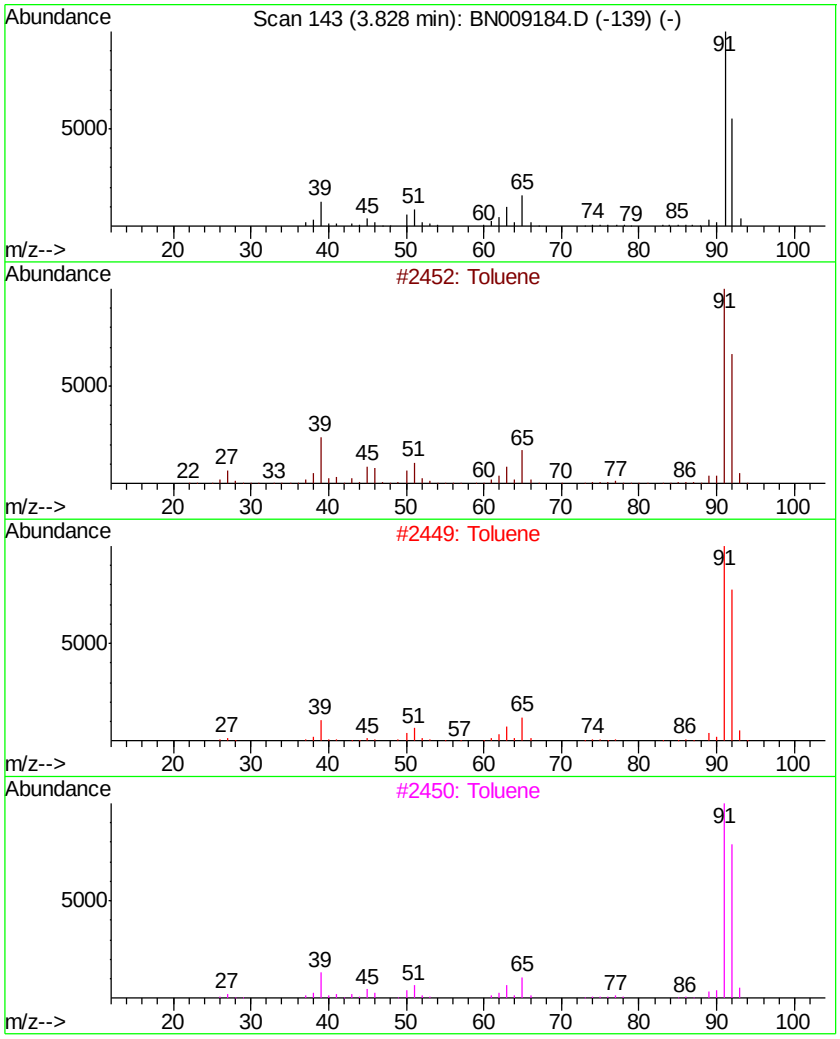
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

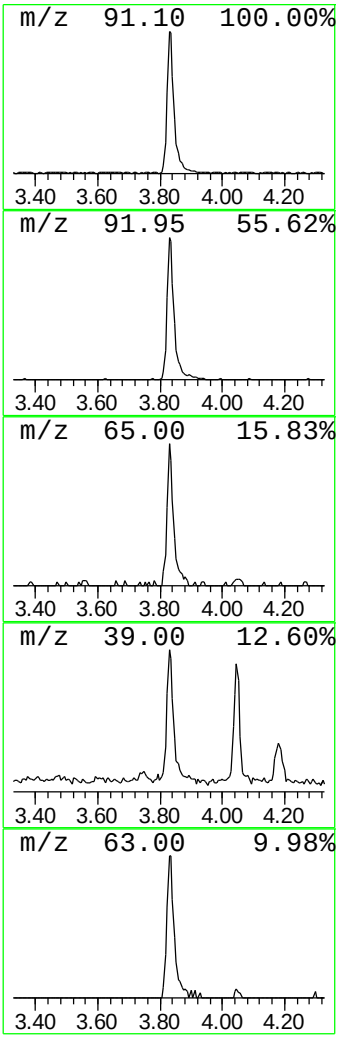
****

Peak Number 1 Toluene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	3.12 ng/ul	347292	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	91
2	Toluene	92	C7H8	000108-88-3	91
3	Toluene	92	C7H8	000108-88-3	91
4	2,5-Norbornadiene	92	C7H8	000121-46-0	91
5	Toluene	92	C7H8	000108-88-3	91





Library Search Compound Report

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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

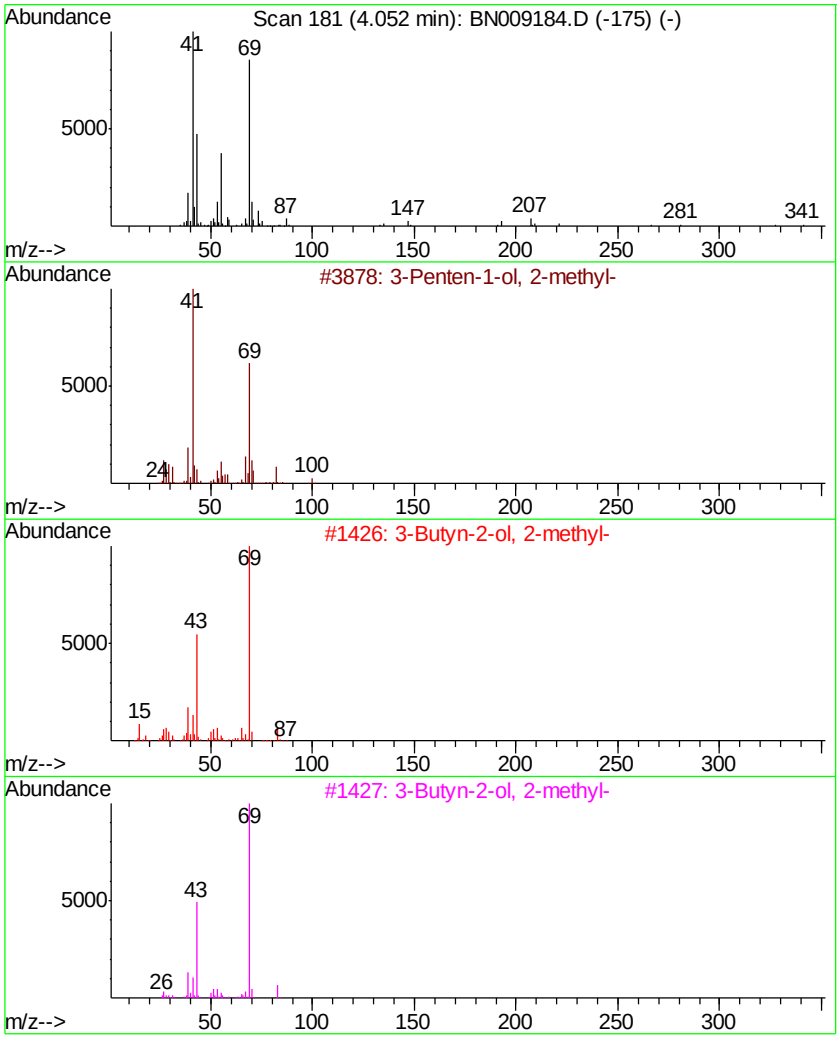
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

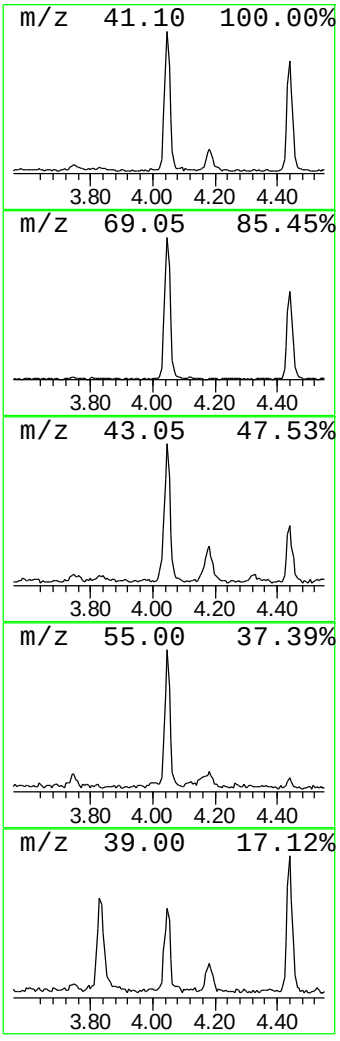
****

Peak Number 2 3-Penten-1-ol, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	2.78 ng/ul	310034	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	56
2	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	47
3	3-Butyn-2-ol, 2-methyl-	84	C5H8O	000115-19-5	46
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	45
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	40





Library Search Compound Report

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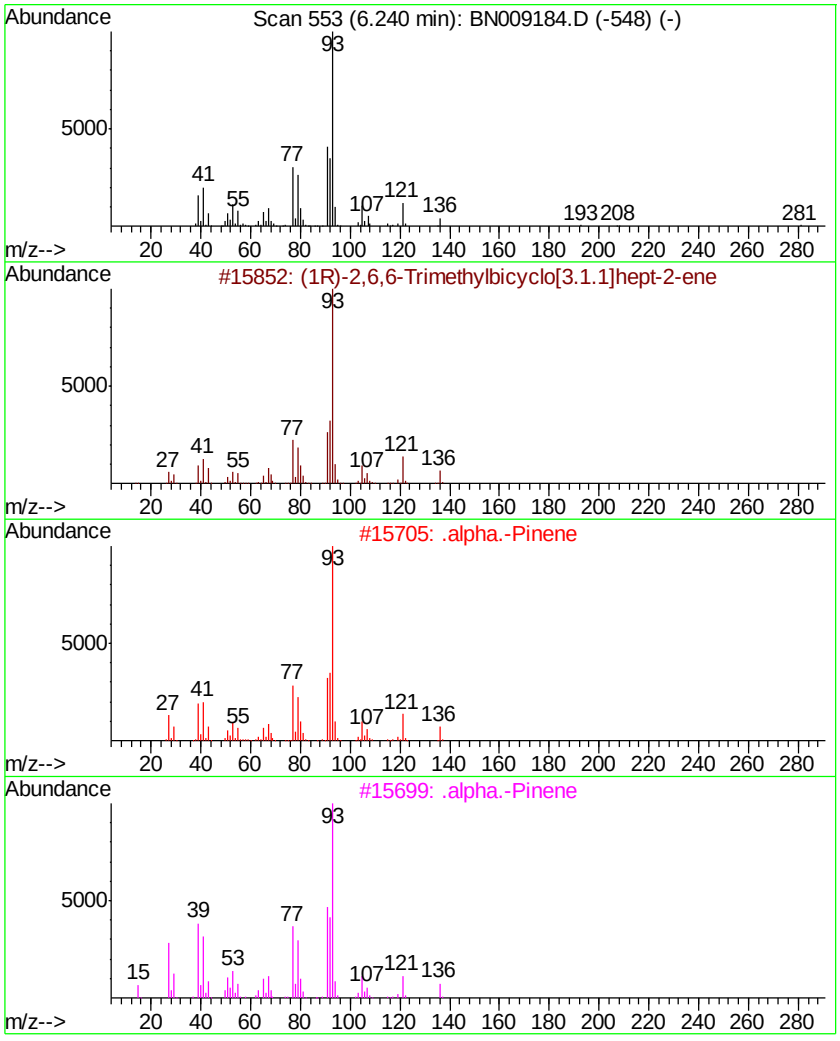
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

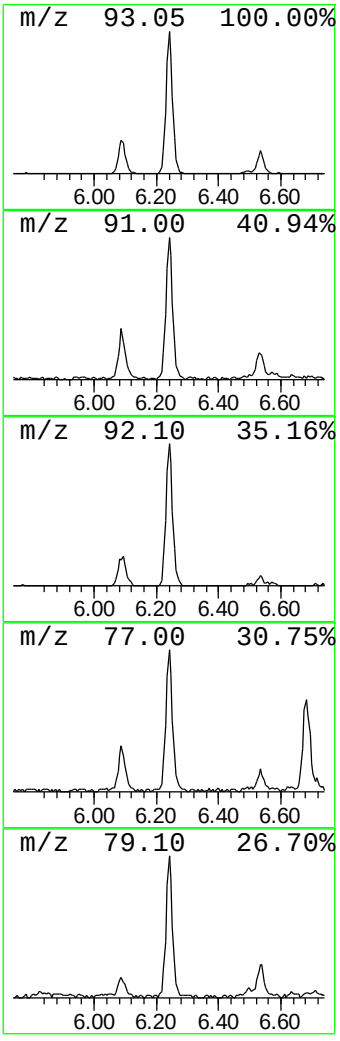
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	4.60 ng/ul	512796	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	.alpha.-Pinene	136	C10H16	000080-56-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	94
4	.gamma.-Terpinene	136	C10H16	000099-85-4	91
5	.alpha.-Pinene	136	C10H16	000080-56-8	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

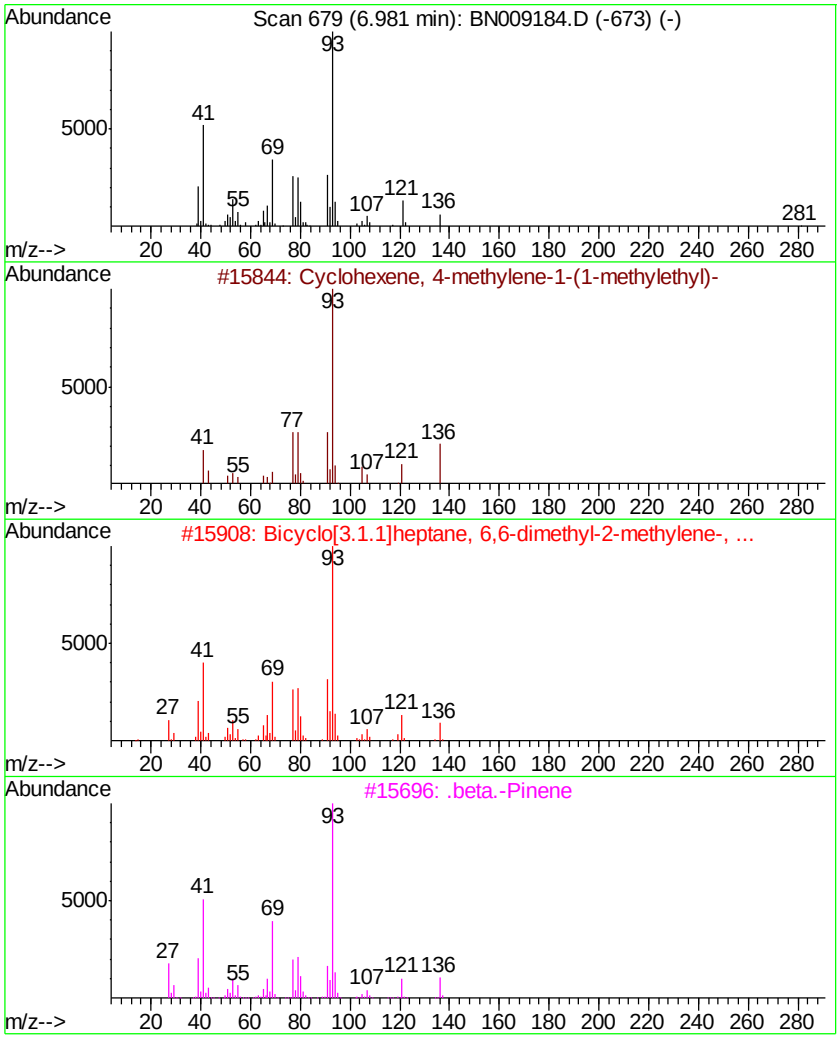
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

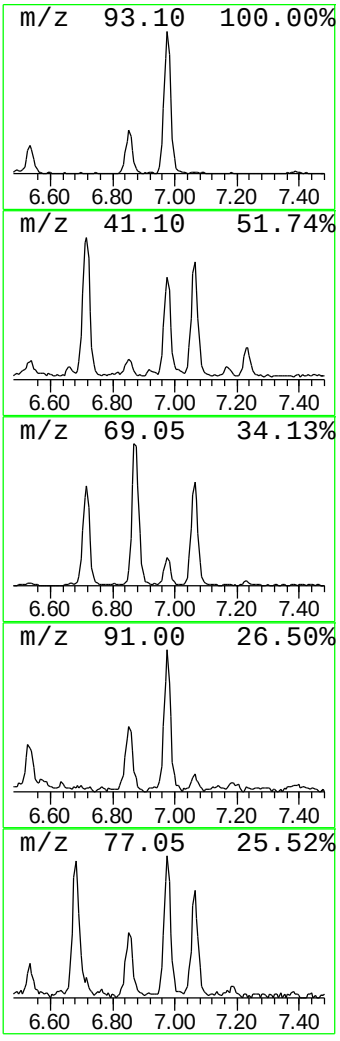
****

Peak Number 4 Cyclohexene, 4-methylene-1-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.98	3.56 ng/ul	396393	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	.beta.-Pinene	136	C10H16	000127-91-3	91
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

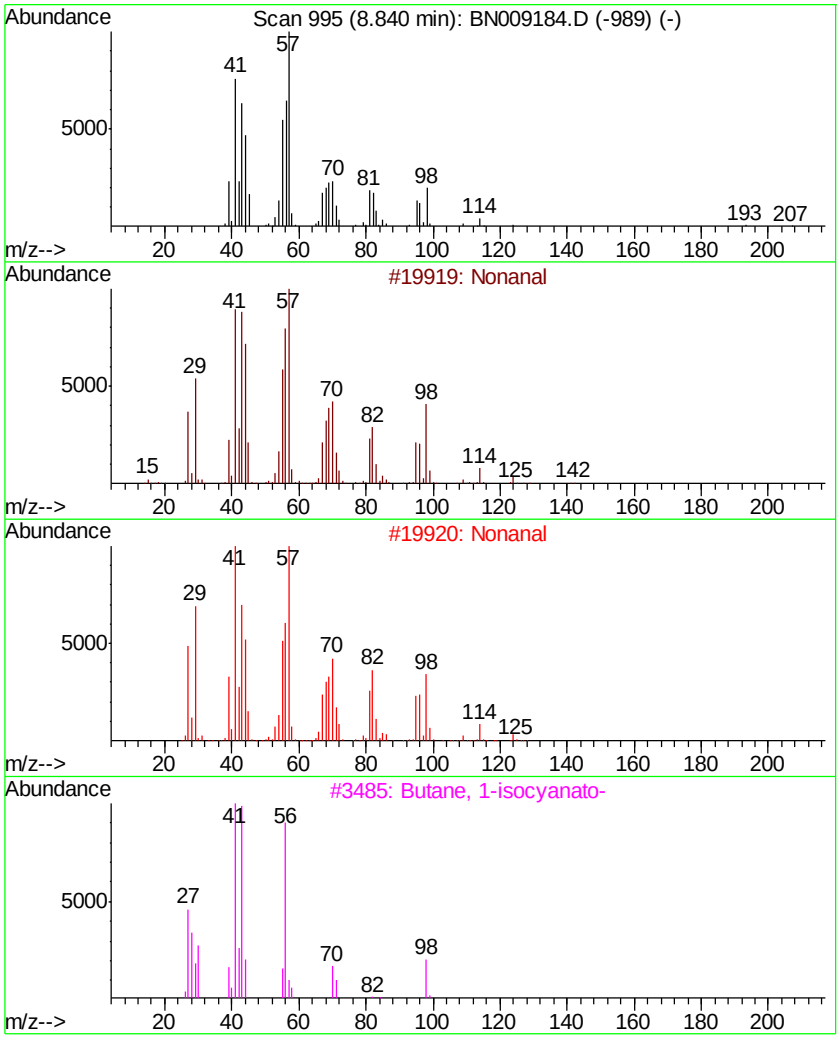
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

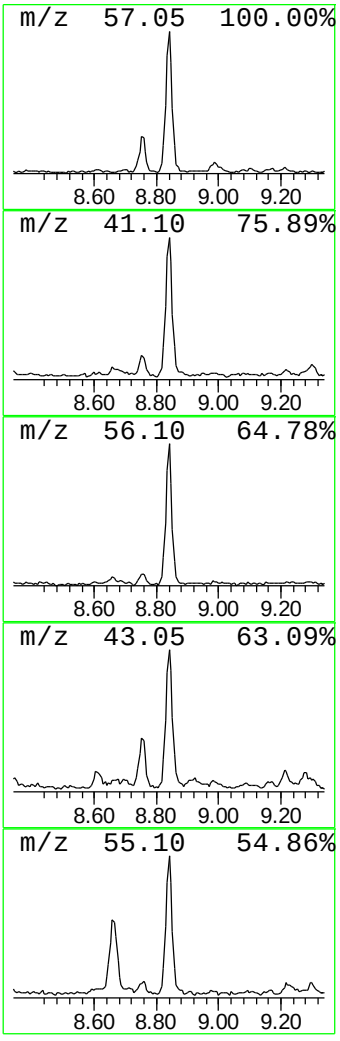
****

Peak Number 5 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	4.77 ng/ul	531402	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	78
2	Nonanal	142	C9H18O	000124-19-6	47
3	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	38
4	Butane, 1-isocyanato-	99	C5H9NO	000111-36-4	35
5	Cyclohexanol, 4-methyl-	114	C7H14O	000589-91-3	35





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Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
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Instrument : BNA_N
ClientSampleId : CB5R8

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Quant Title : SVOA CALIBRATION

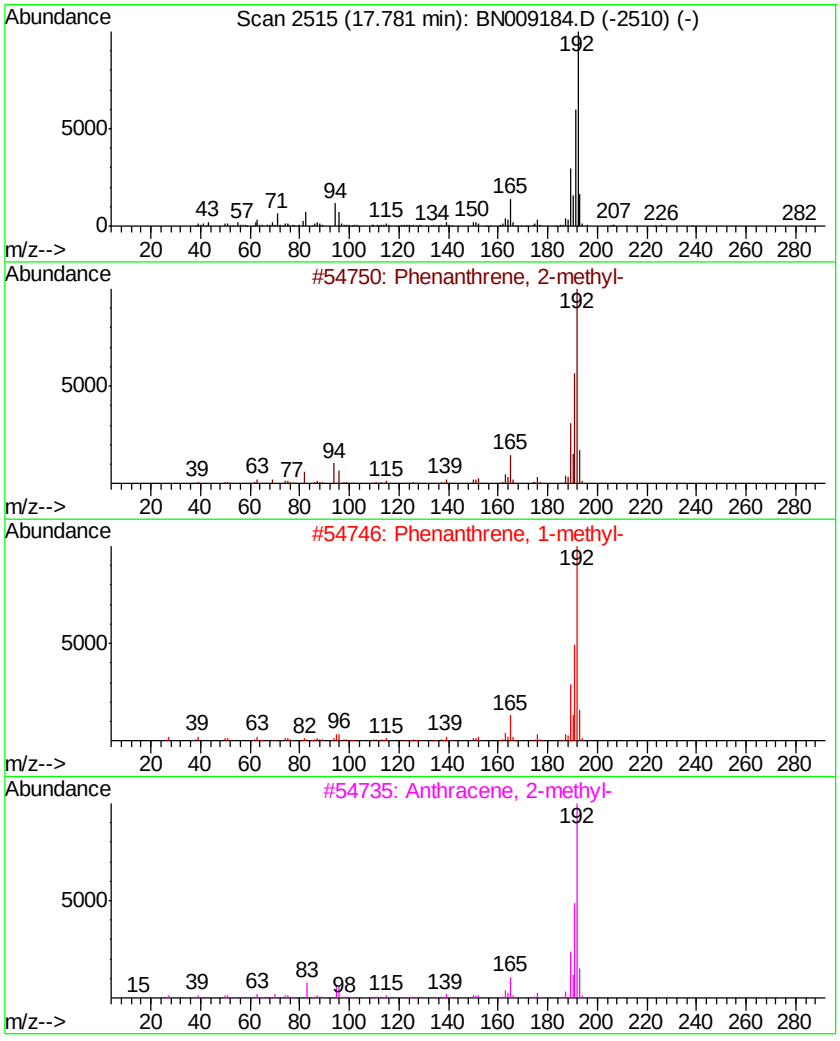
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

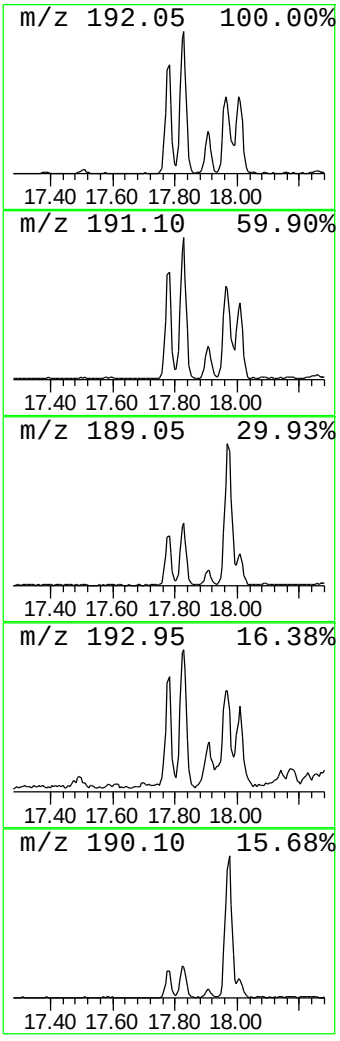
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	2.26 ng/ul	552563	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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95





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Sample : K6381-08
Misc :
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Instrument : BNA_N
ClientSampleId : CB5R8

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Quant Title : SVOA CALIBRATION

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

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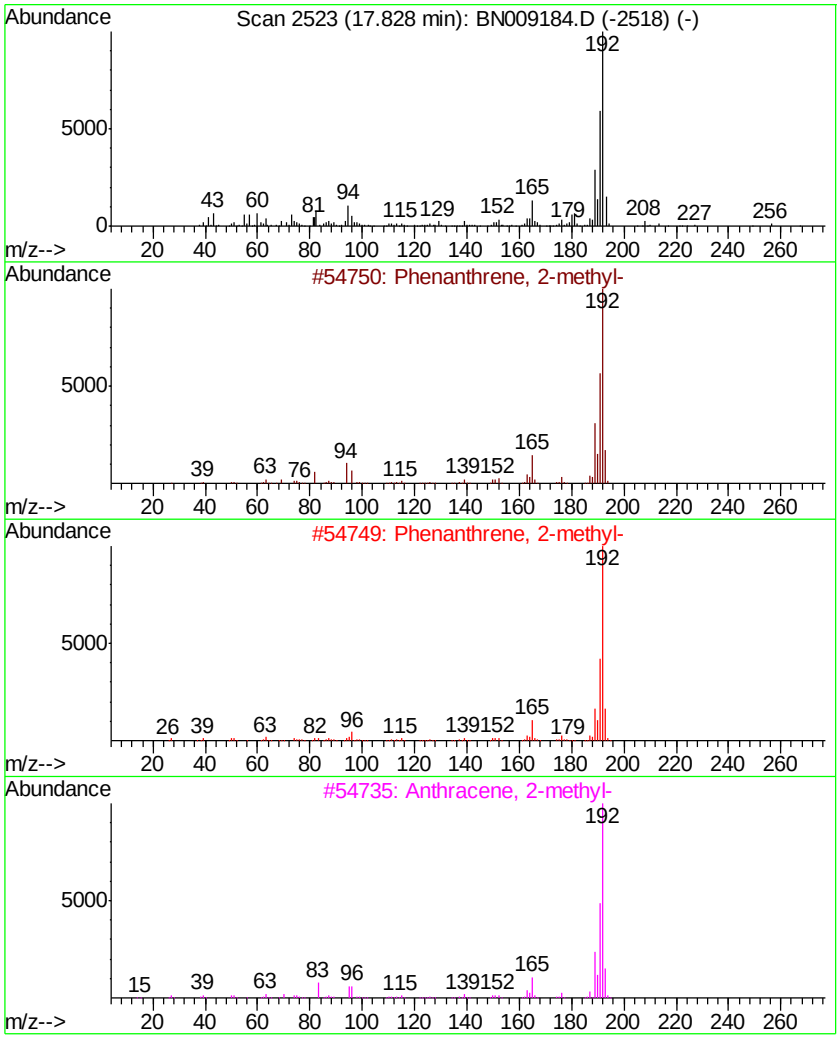
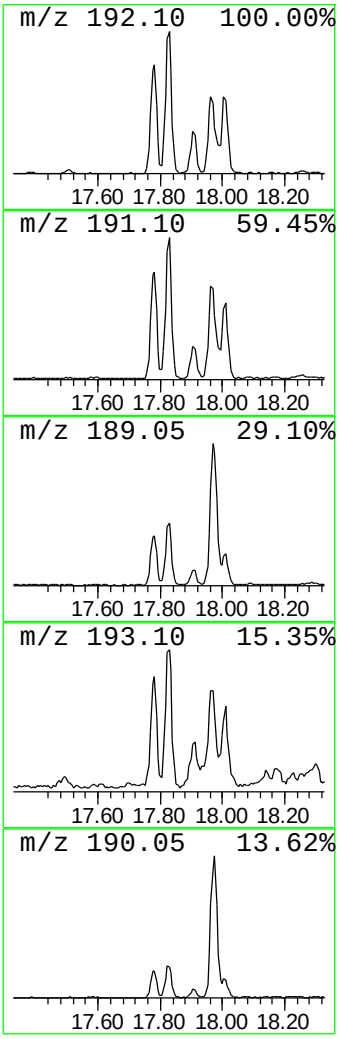
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	3.79 ng/ul	927139	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Misc :
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Instrument : BNA_N
ClientSampleId : CB5R8

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Quant Title : SVOA CALIBRATION

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

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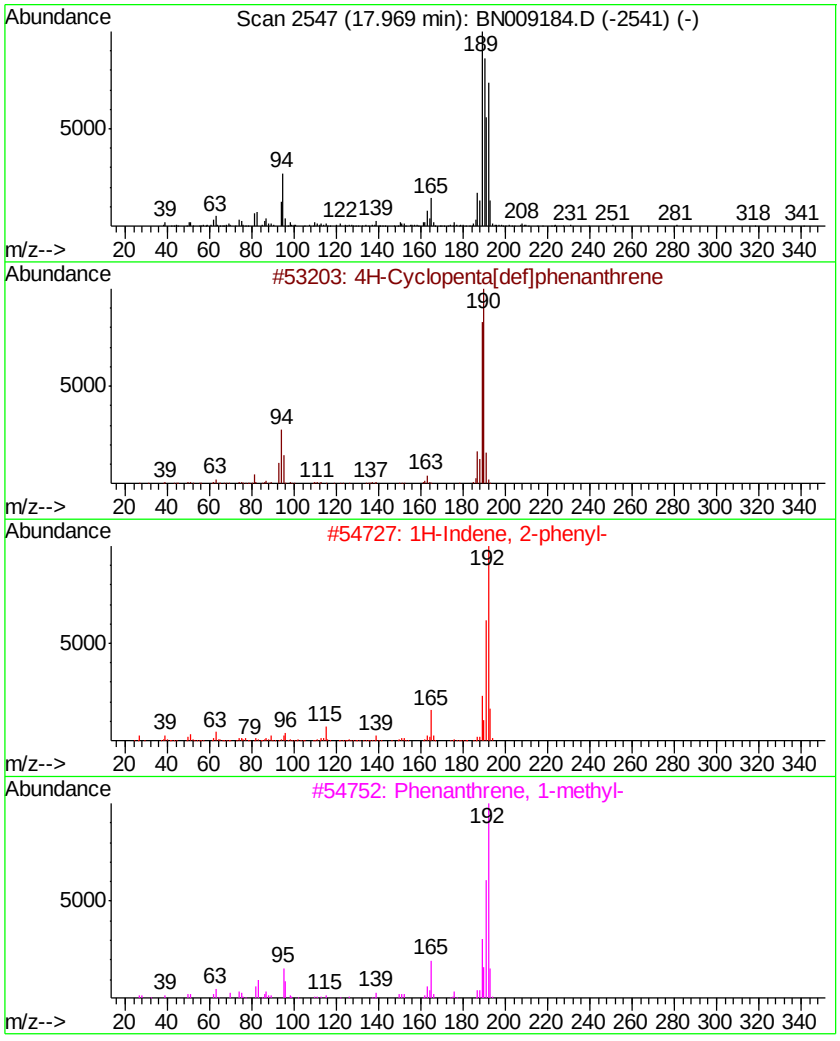
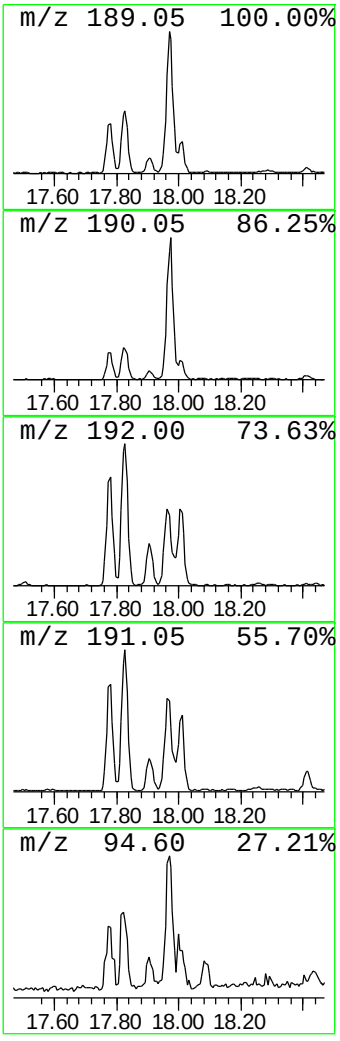
Peak Number 8 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.86 ng/ul	943867	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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Quant Title : SVOA CALIBRATION

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

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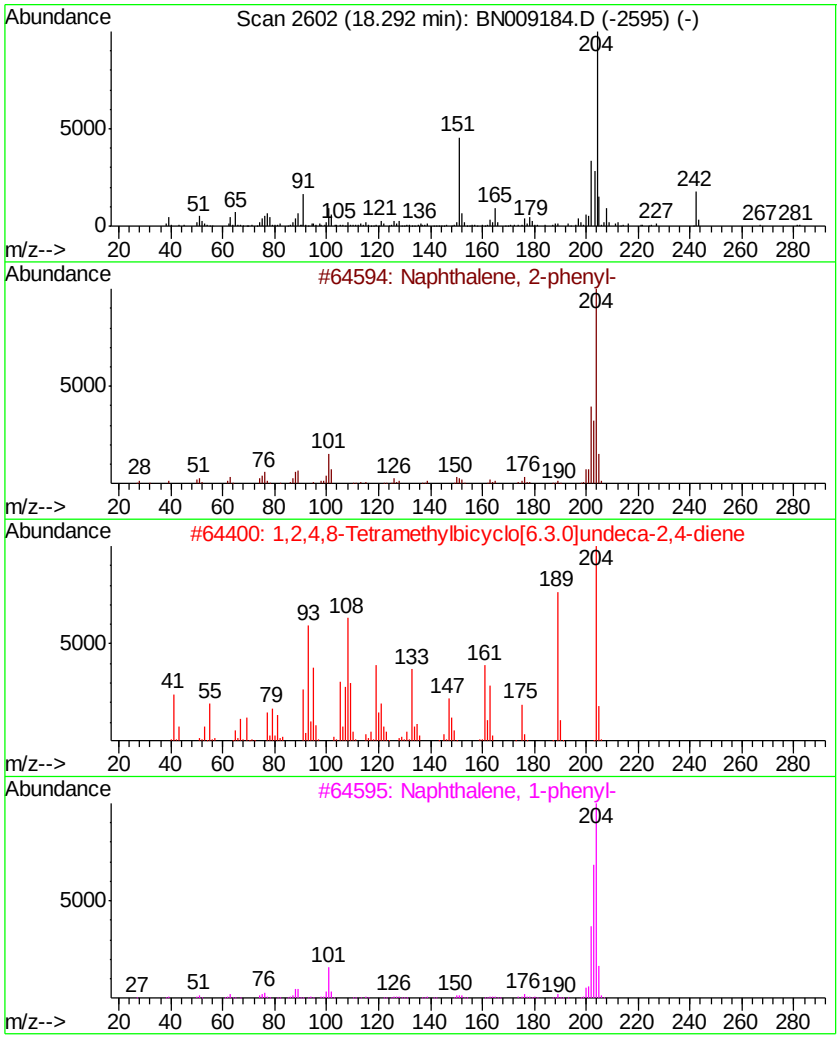
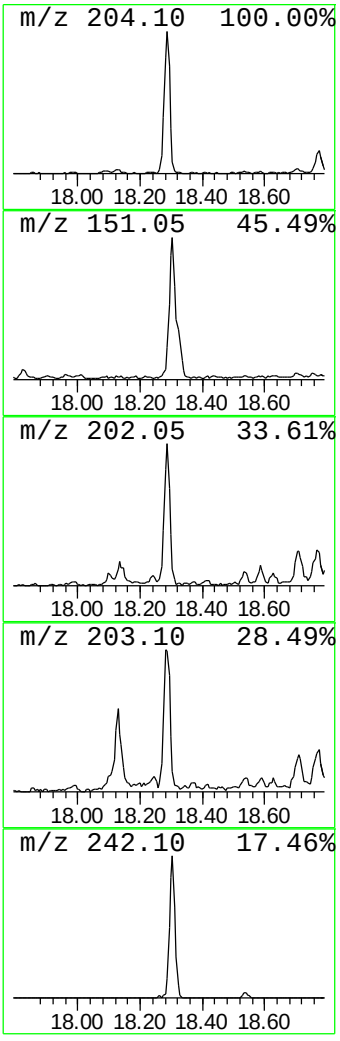
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.94 ng/ul	718986	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	83
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

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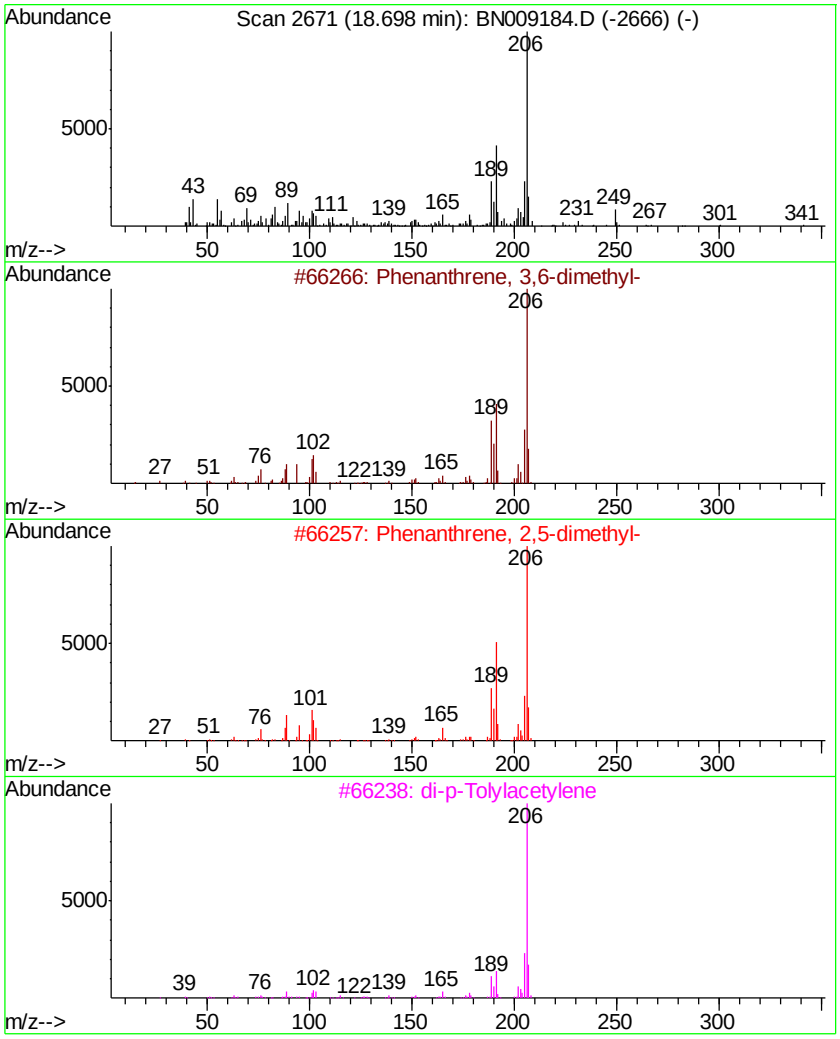
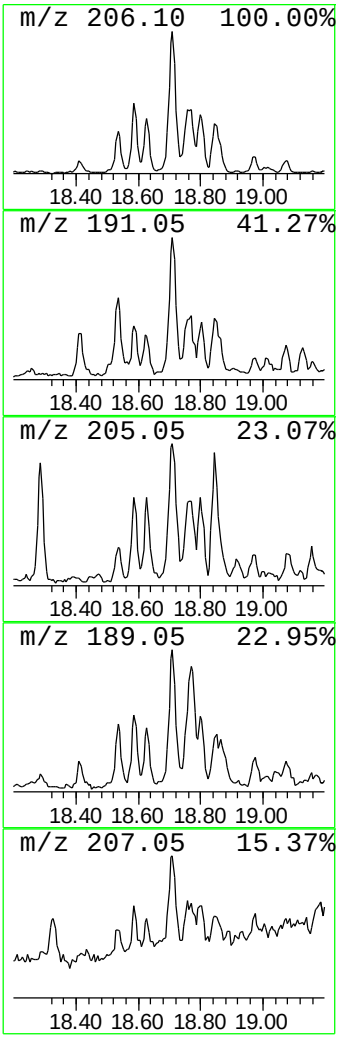
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	2.86 ng/ul	699193	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





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Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

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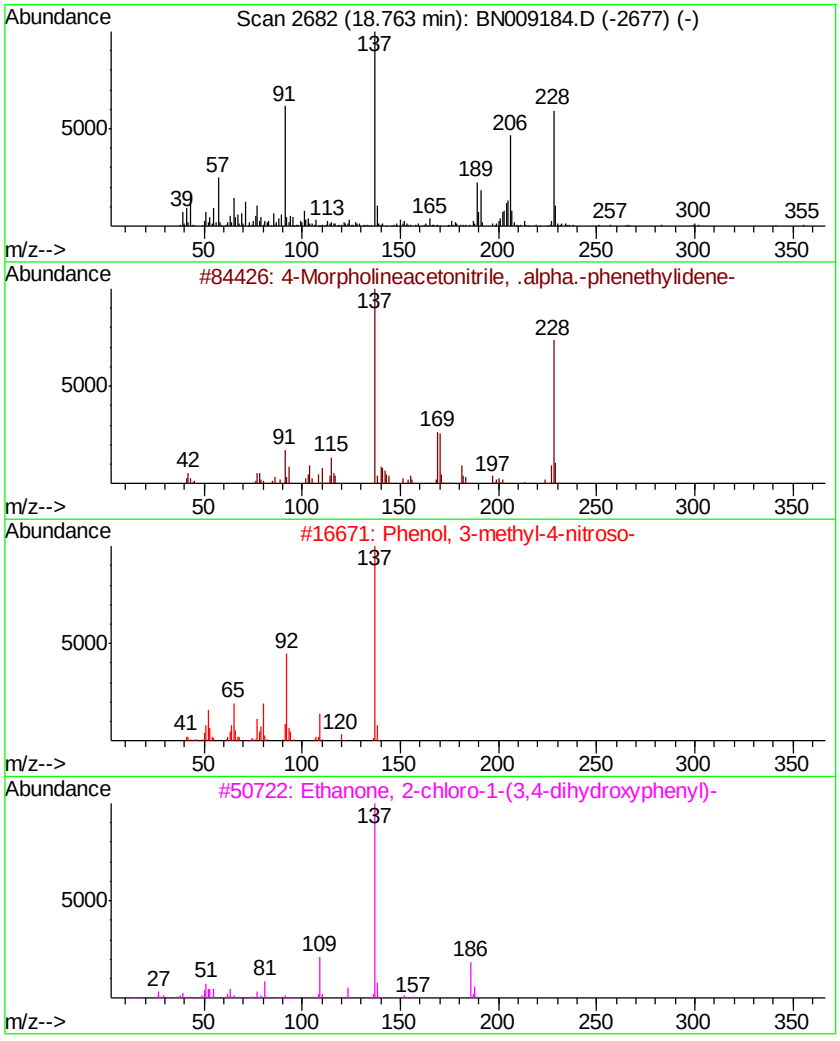
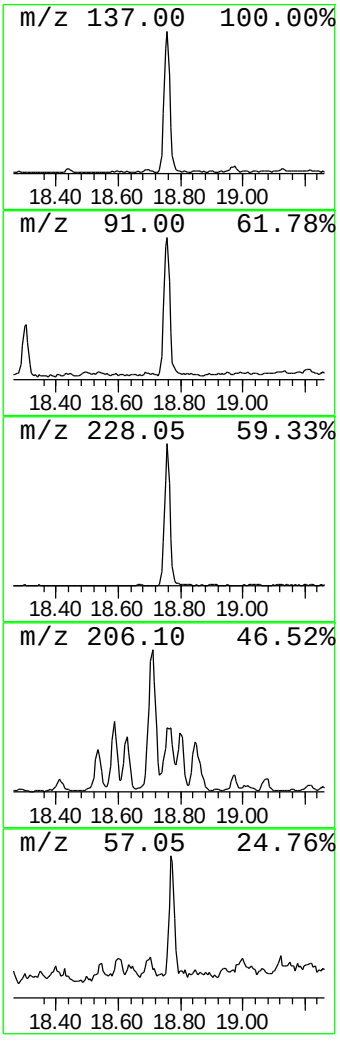
Peak Number 11 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	3.52 ng/ul	860997	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Morpholineacetonitrile, .alpha...	228	C14H16N2O	033599-28-9	40
2	Phenol, 3-methyl-4-nitroso-	137	C7H7NO2	000615-01-0	38
3	Ethanone, 2-chloro-1-(3,4-dihydr...	186	C8H7ClO3	000099-40-1	35
4	Propenoic acid, 3-(2-thienyl)-, ...	289	C14H11NO4S	284665-12-9	35
5	6-Methylnicotinic acid	137	C7H7NO2	003222-47-7	35





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Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

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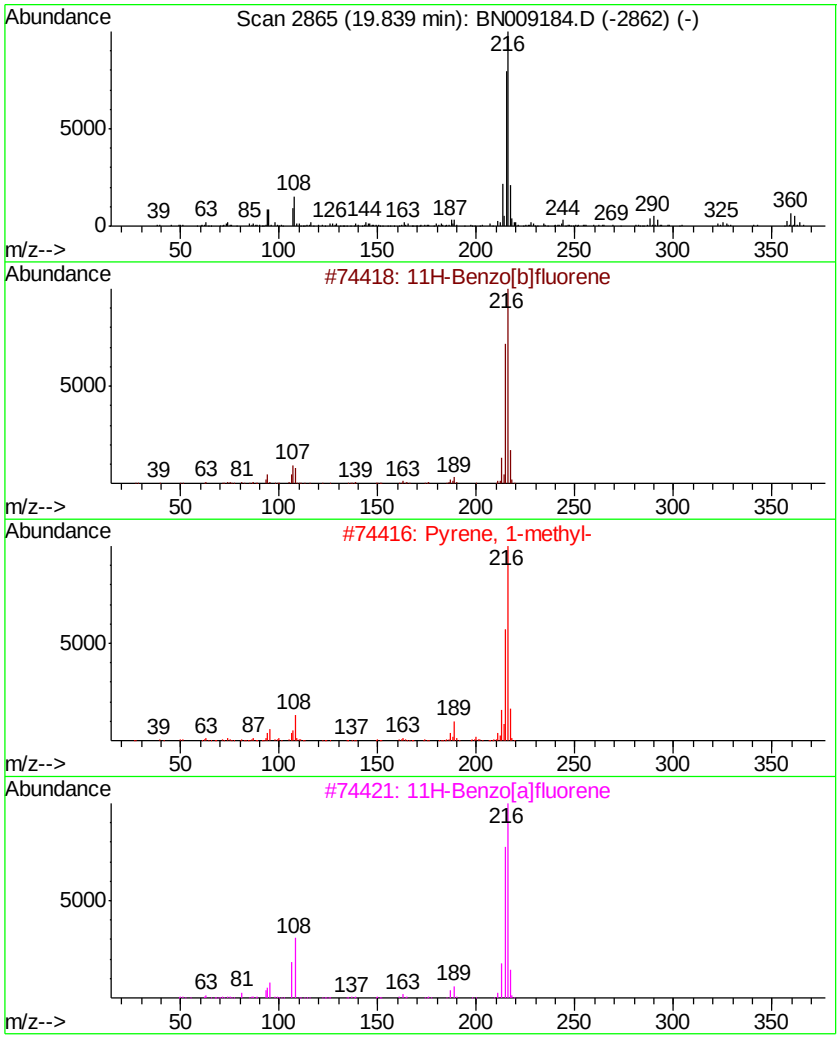
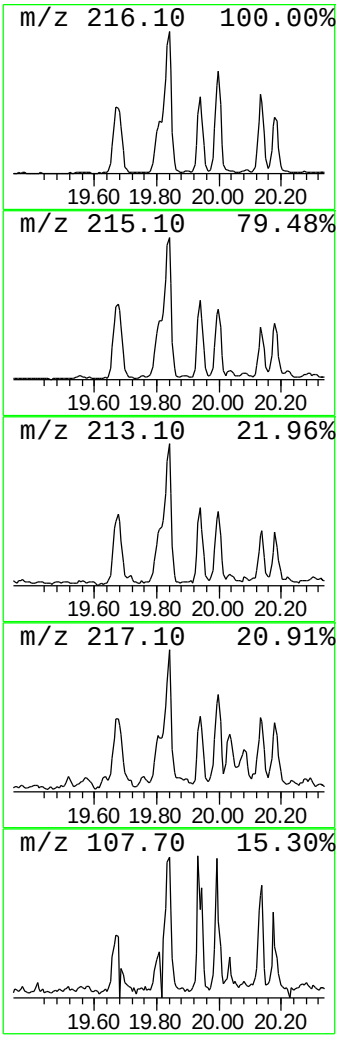
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	2.14 ng/ul	878756	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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Quant Title : SVOA CALIBRATION

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

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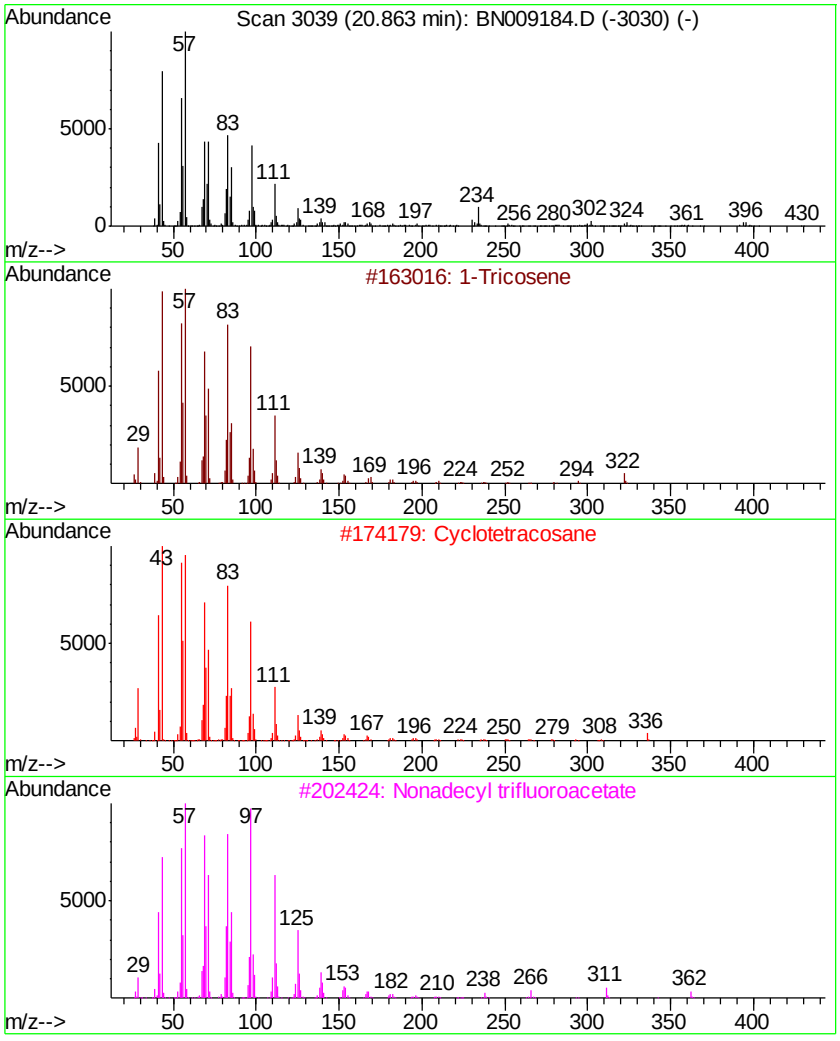
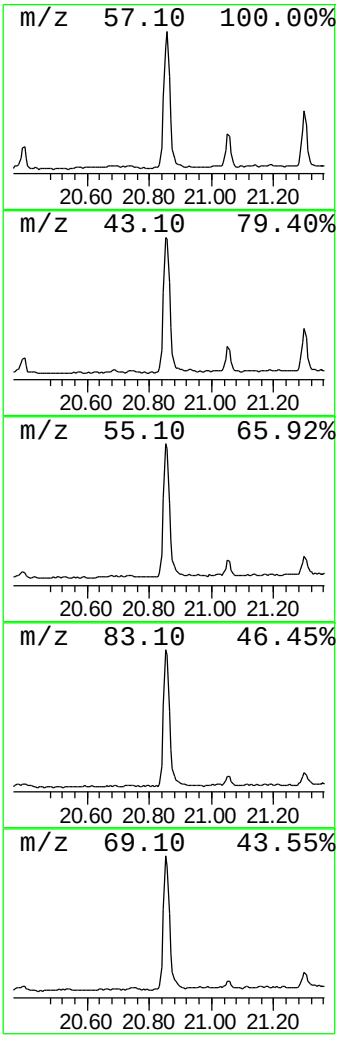
Peak Number 13 (DEL) Alkane: Cyclic20.86 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	9.94 ng/ul	4087290	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
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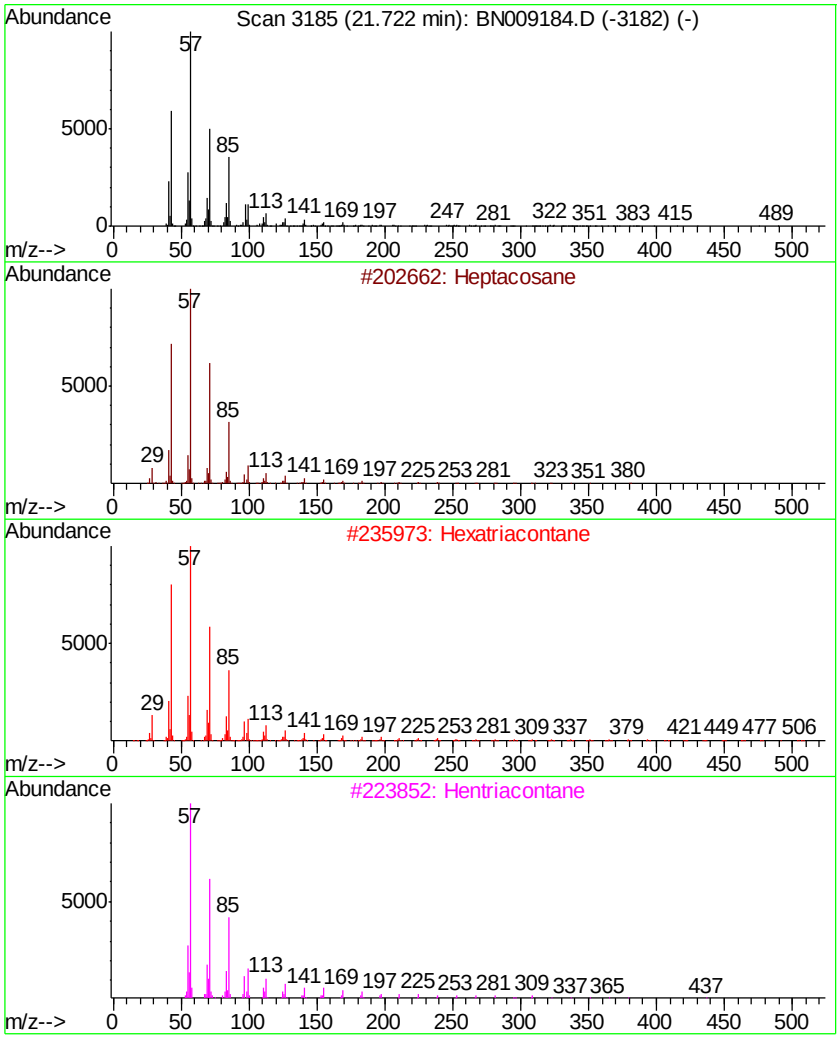
Quant Title : SVOA CALIBRATION

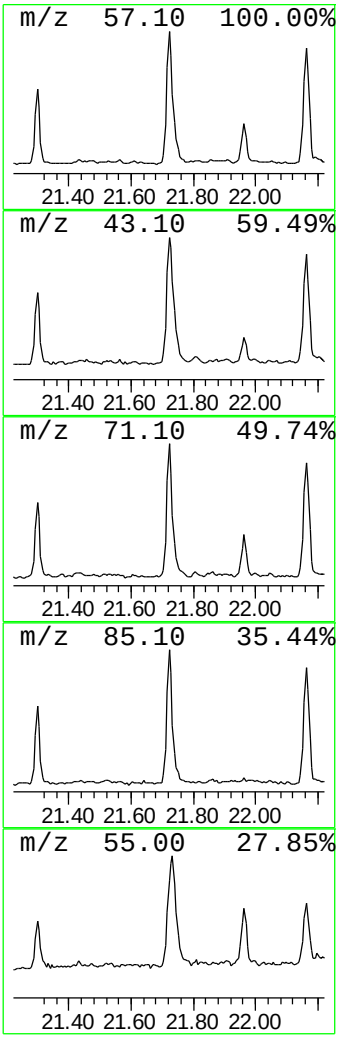
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	4.63 ng/ul	1905720	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Hexatriacontane	507	C36H74	000630-06-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Hentriacontane	437	C31H64	000630-04-6	91
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91





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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

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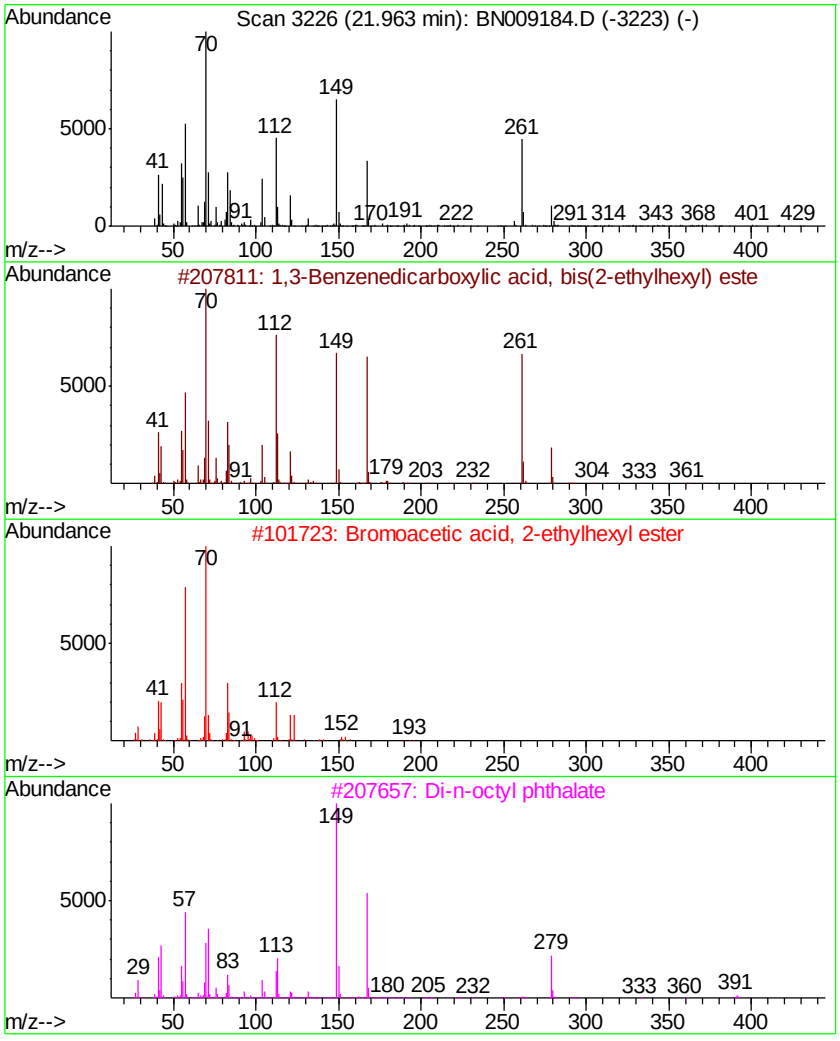
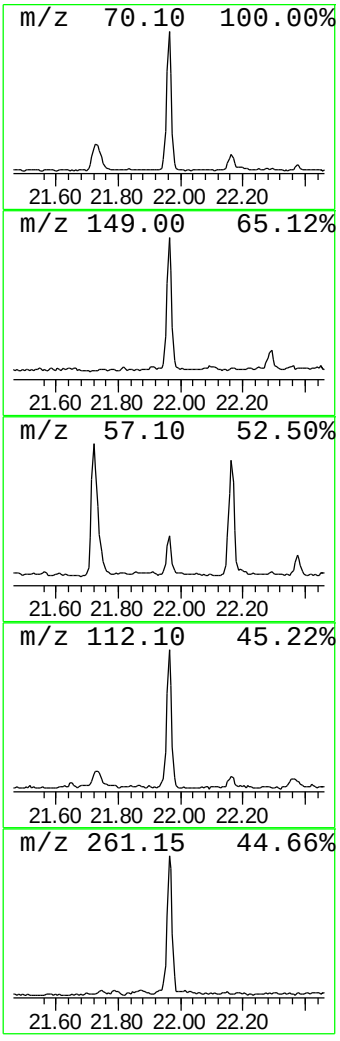
Peak Number 15 unknown-03 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	2.14 ng/ul	878702	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
2	Bromoacetic acid, 2-ethylhexyl e...	250	C10H19BrO2	068144-73-0	27
3	Di-n-octyl phthalate	390	C24H38O4	000117-84-0	22
4	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22
5	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	22





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Instrument : BNA_N
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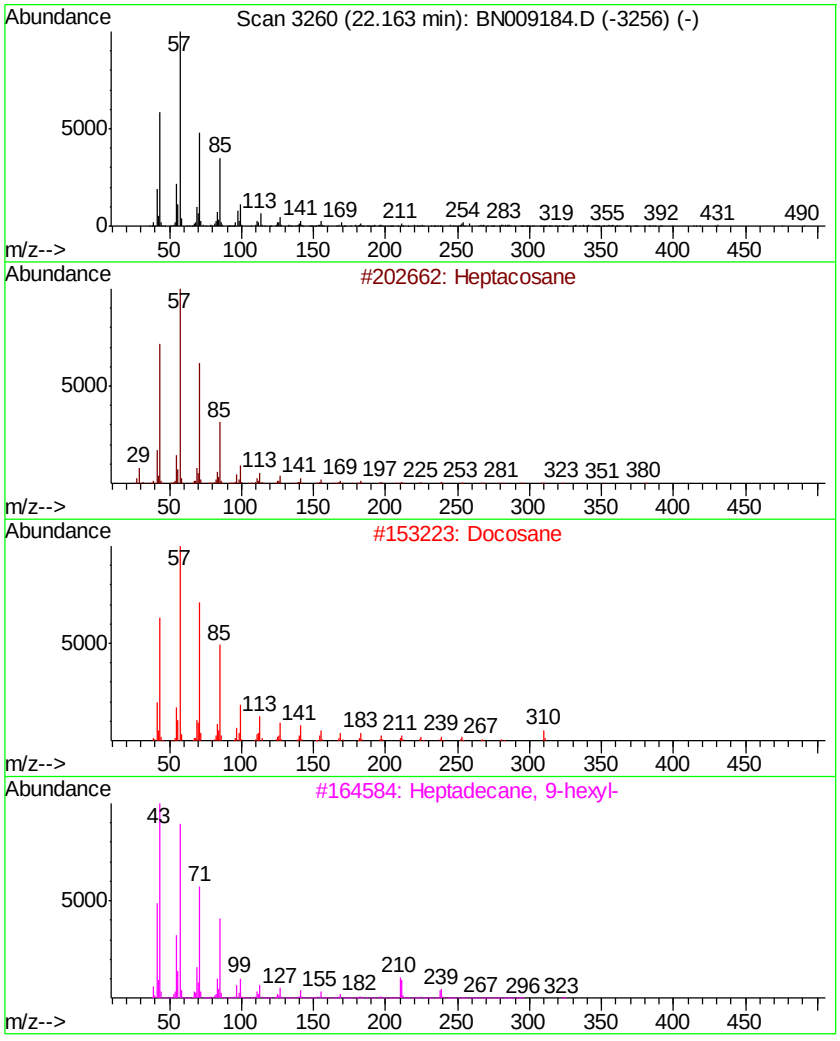
Quant Title : SVOA CALIBRATION

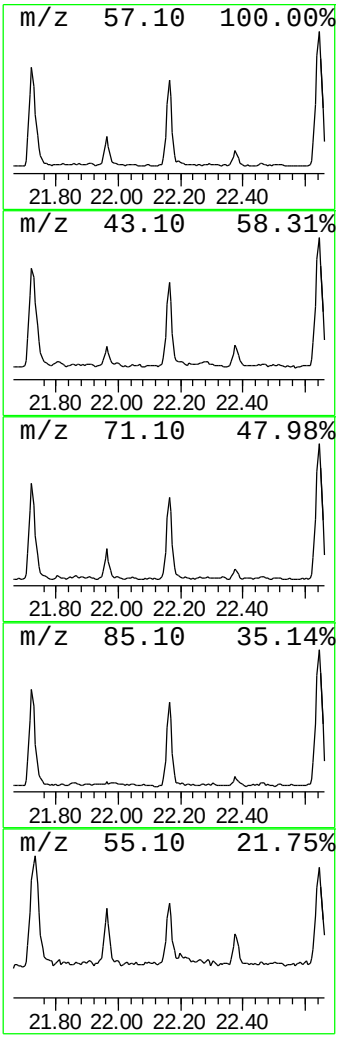
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.43 ng/ul	997856	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Docosane	310	C22H46	000629-97-0	93
3	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Hexadecane	226	C16H34	000544-76-3	87





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Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

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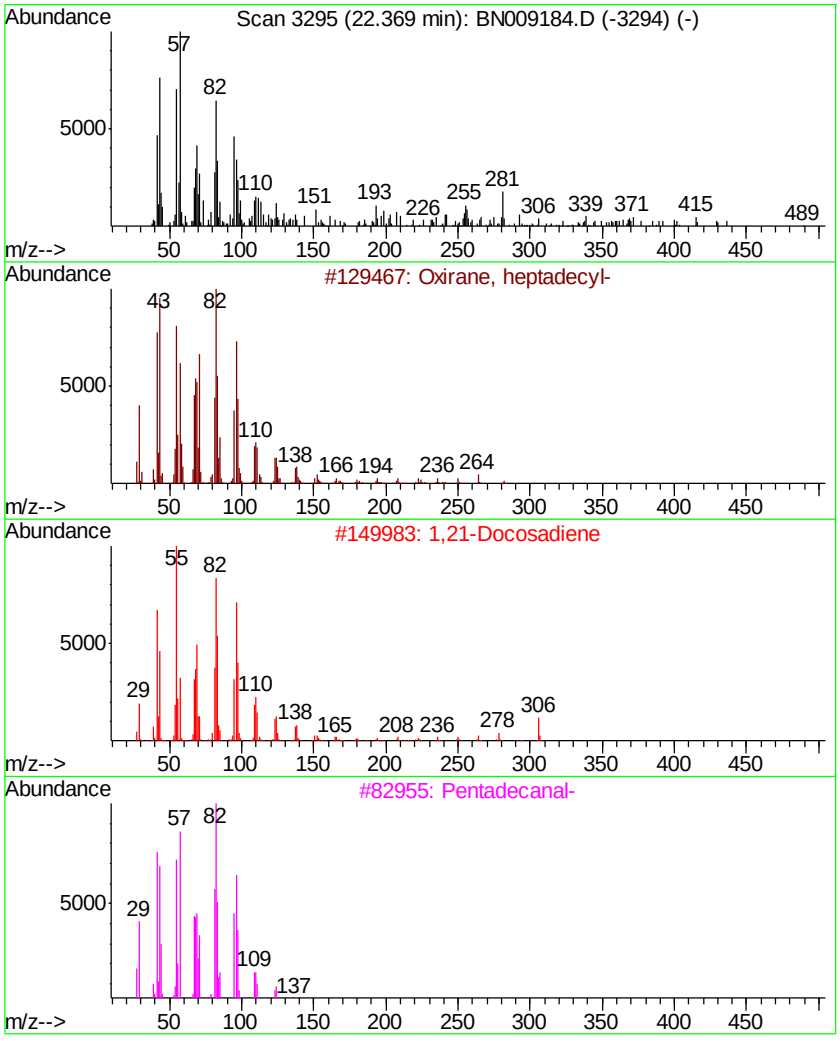
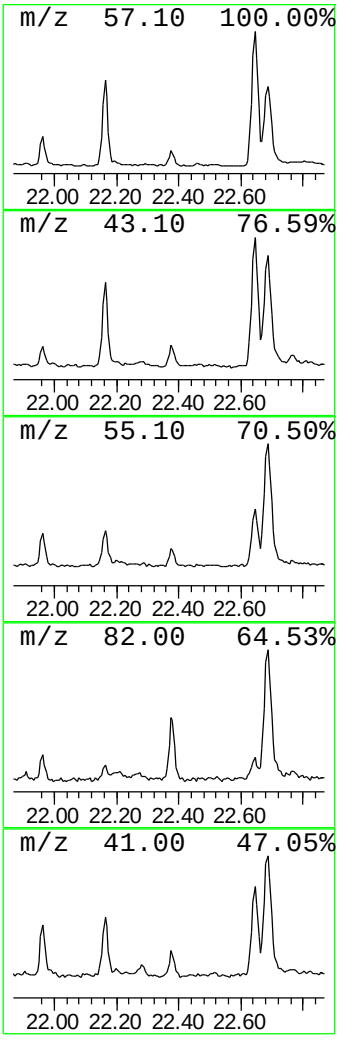
Peak Number 17 Oxirane, heptadecyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	2.73 ng/ul	489178	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	89
2	1,21-Docosadiene	306	C22H42	053057-53-7	86
3	Pentadecanal-	226	C15H30O	002765-11-9	72
4	Cyclohexane, (1-butylhexadecyl)-	364	C26H52	004443-59-8	70
5	1,16-Hexadecanediol	258	C16H34O2	007735-42-4	62





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Data File : BN009184.D
Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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Quant Title : SVOA CALIBRATION

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

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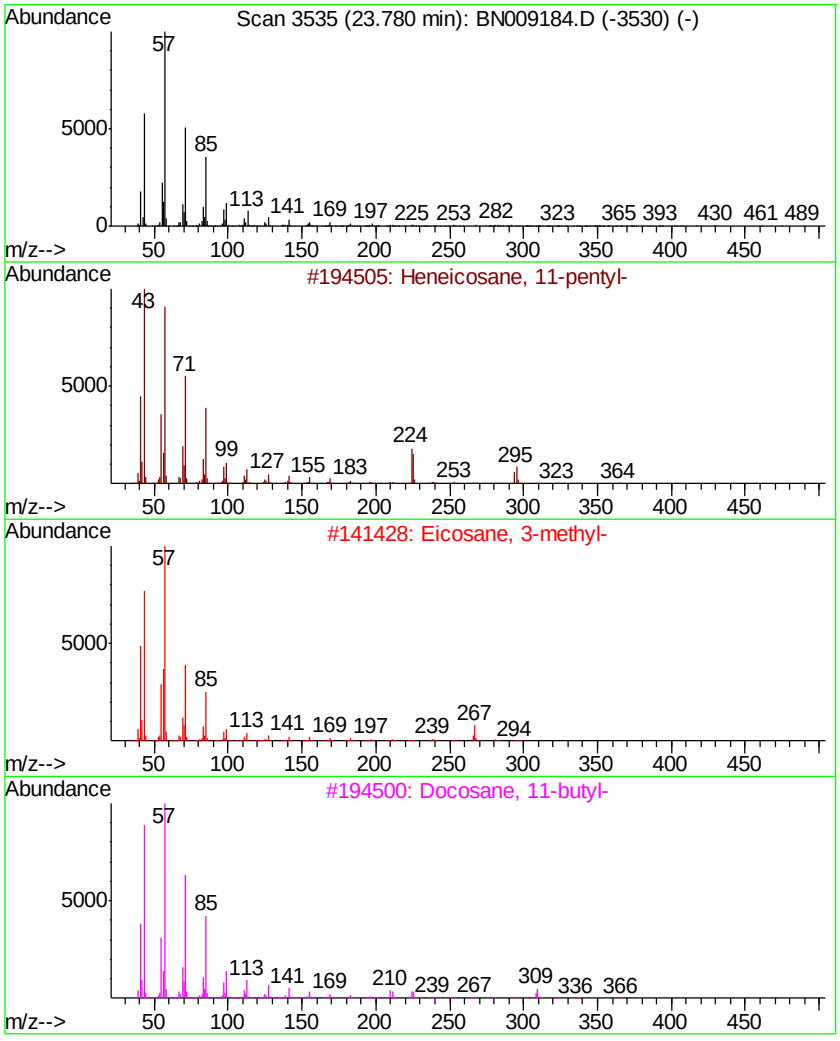
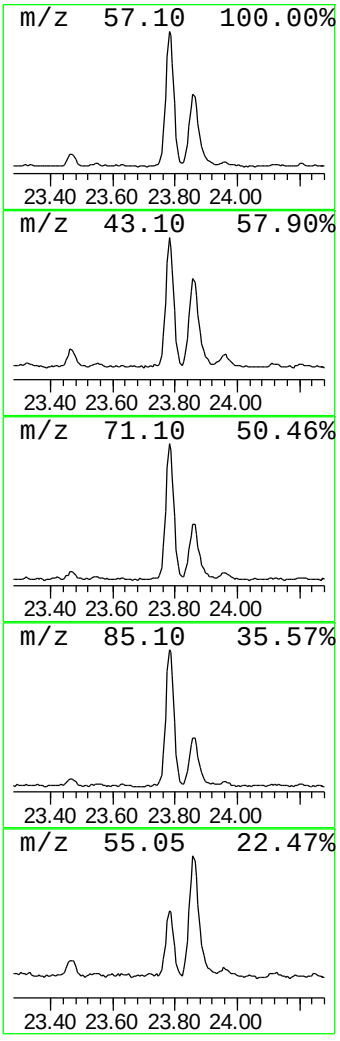
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	12.85 ng/ul	2303820	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2	Eicosane, 3-methyl-	296	C21H44	006418-46-8	94
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Octacosane	394	C28H58	000630-02-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009184.D
Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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

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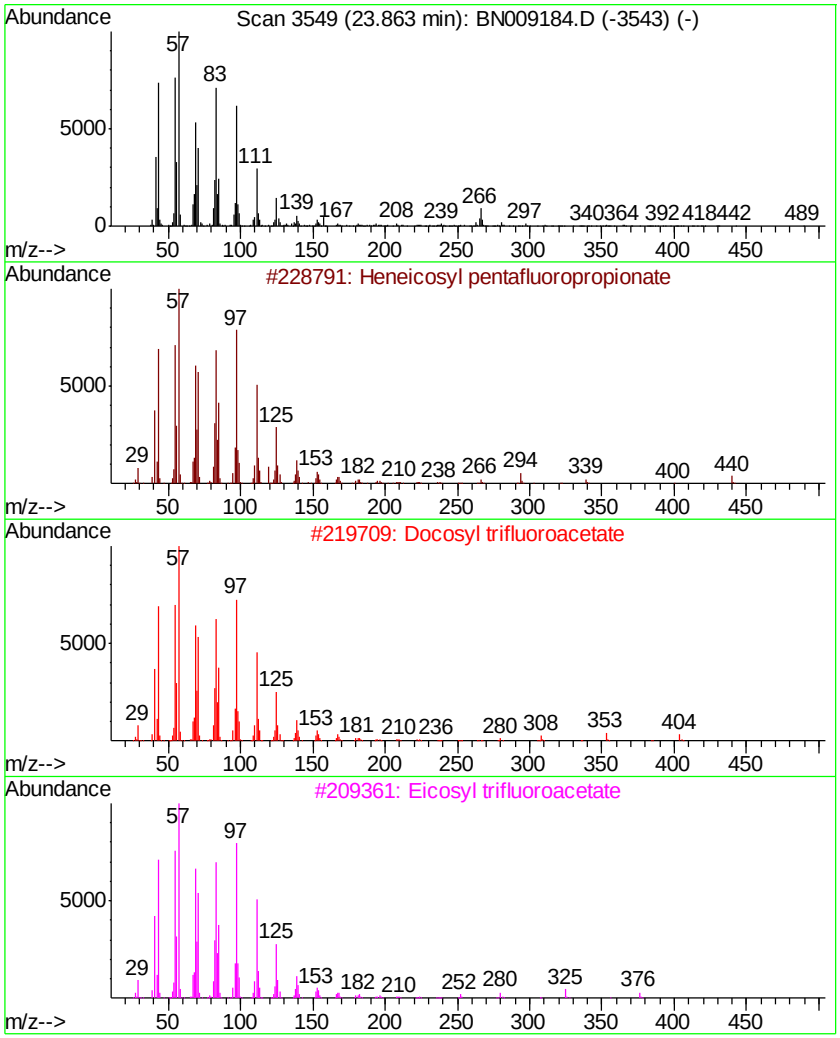
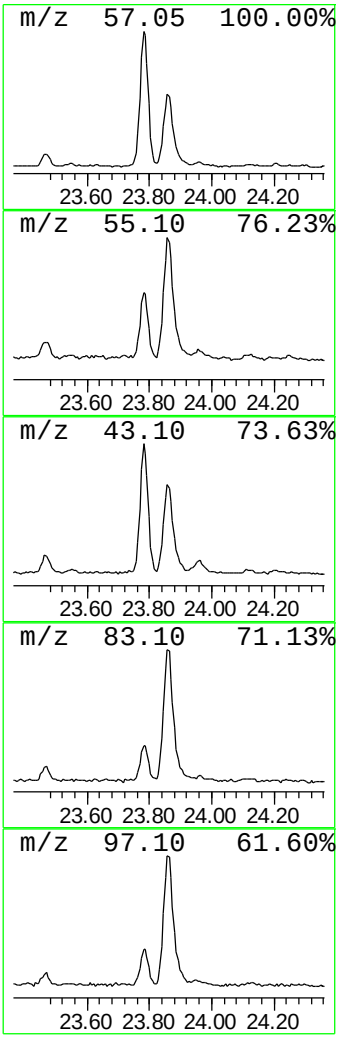
Peak Number 19 Heneicosyl pentafluoropropi... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	15.60 ng/ul	2795930	Perylene-d12	23.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosyl pentafluoropropionate	458	C24H43F5O2	1000351-81-1	91
2	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	91
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
4	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	91
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\
Data File : BN009184.D
Acq On : 26 Dec 2019 22:04
Operator : JU
Sample : K6381-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R8

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	3.1	ng/ul	347292	1	7.52	2229770	20.0
3-Penten-1-ol, 2-...	4.05	2.8	ng/ul	310034	1	7.52	2229770	20.0
(1R)-2,6,6-Trimet...	6.24	4.6	ng/ul	512796	1	7.52	2229770	20.0
Cyclohexene, 4-me...	6.98	3.6	ng/ul	396393	1	7.52	2229770	20.0
Nonanal	8.84	4.8	ng/ul	531402	1	7.52	2229770	20.0
Phenanthrene, 2-m...	17.78	2.3	ng/ul	552563	4	16.90	4888930	20.0
Anthracene, 2-met...	17.83	3.8	ng/ul	927139	4	16.90	4888930	20.0
unknown-01	17.97	3.9	ng/ul	943867	4	16.90	4888930	20.0
Naphthalene, 2-ph...	18.29	2.9	ng/ul	718986	4	16.90	4888930	20.0
Phenanthrene, 3,6...	18.70	2.9	ng/ul	699193	4	16.90	4888930	20.0
unknown-02	18.76	3.5	ng/ul	860997	4	16.90	4888930	20.0
11H-Benzo[b]fluorene	19.84	2.1	ng/ul	878756	5	21.11	8223250	20.0
(DEL) Alkane: Cyc...	20.86	9.9	ng/ul	4087290	5	21.11	8223250	20.0
(DEL) Alkane: Str...	21.72	4.6	ng/ul	1905720	5	21.11	8223250	20.0
unknown-03	21.96	2.1	ng/ul	878702	5	21.11	8223250	20.0
(DEL) Alkane: Str...	22.16	2.4	ng/ul	997856	5	21.11	8223250	20.0
Oxirane, heptadecyl-	22.37	2.7	ng/ul	489178	6	23.25	3585430	20.0
(DEL) Alkane: Str...	23.78	12.9	ng/ul	2303820	6	23.25	3585430	20.0
Heneicosyl pentaf...	23.86	15.6	ng/ul	2795930	6	23.25	3585430	20.0