LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009186.D
Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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	4.046	175	180	187	rBV	237833	313386	3.01%	0.186%
2	4.440	241	247	262	rVB	147566	207126	1.99%	0.123%
3	6.716	626	634	648	rVB	1804088	2846573	27.38%	1.691%
4	6.875	652	661	668	rBV	1317762	2023637	19.47%	1.202%
5	7.063	686	693	702	rVB	1779887	2744017	26.40%	1.630%
6	7.522	764	771	779	rBV	1201581	1878835	18.07%	1.116%
7	8.228	884	891	903	rBV	2163588	3453957	33.23%	2.052%
8	8.663	958	965	976	rVB	1768950	2828049	27.21%	1.680%
9	8.840	990	995	1005	rVB	123600	185496	1.78%	0.110%
10	9.122	1036	1043	1048	rBV2	96941	149200	1.44%	0.089%
11	9.375	1079	1086	1094	rBV	1522334	2401627	23.10%	1.427%
12	9.910	1170	1177	1187	rVB	2250330	3579841	34.44%	2.127%
13	10.275	1231	1239	1245	rBV	1756293	2931664	28.20%	1.742%
14	10.416	1256	1263	1281	rBV	2089299	3626503	34.89%	2.154%
15	13.469	1773	1782	1787	rVV	82203	160041	1.54%	0.095%
16	13.575	1794	1800	1805	rVV	3473399	4804539	46.22%	2.854%
17	13.622	1805	1808	1813	rVV	106773	145558	1.40%	0.086%
18	13.840	1838	1845	1857	rBV	4162440	6455398	62.10%	3.835%
19	14.151	1891	1898	1904	rBV	2511985	3886173	37.39%	2.309%
20	14.216	1904	1909	1919	rVV	278003	420253	4.04%	0.250%
21	14.375	1928	1936	1947	rBV	1776762	2797540	26.91%	1.662%
22	14.557	1961	1967	1975	rVV2	207621	352282	3.39%	0.209%
23	15.151	2062	2068	2074	rBV	5073047	7324590	70.46%	4.351%
24	15.204	2074	2077	2082	rVB2	288901	414052	3.98%	0.246%
25	15.287	2082	2091	2097	rBV	1275726	1750914	16.84%	1.040%
26	15.392	2103	2109	2113	rVV3	72441	165038	1.59%	0.098%
27	15.510	2124	2129	2138	rVB	146313	257801	2.48%	0.153%
28	15.651	2149	2153	2161	rVB	137560	266313	2.56%	0.158%
29	15.745	2163	2169	2175	rVB5	61490	133580	1.29%	0.079%
30	15.904	2189	2196	2199	rBV6	65262	134757	1.30%	0.080%
31	16.216	2238	2249	2254	rBV3	96024	255461	2.46%	0.152%
32	16.451	2285	2289	2292	rVV	110561	166278	1.60%	0.099%
33	16.486	2292	2295	2298	rVV3	110184	149440	1.44%	0.089%
34	16.563	2303	2308	2315	rVB3	192407	348601	3.35%	0.207%

LSC Area Percent Report

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Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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	16.645	2317	2322	2328	rBV2	123877	284655	2.74%	0.169%
36	16.722	2328	2335	2339	rVV2	180041	325382	3.13%	0.193%
37	16.904	2360	2366	2369	rBV	3190791	4394482	42.28%	2.611%
38	16.945	2369	2373	2378	rVV	4564967	5969354	57.43%	3.546%
39	17.004	2378	2383	2386	rVV	5492884	7623346	73.34%	4.529%
40	17.034	2386	2388	2394	rVB	1111207	1307818	12.58%	0.777%
41	17.157	2405	2409	2417	rBV5	68277	180798	1.74%	0.107%
42	17.310	2430	2435	2440	rBV	355529	574937	5.53%	0.342%
43	17.433	2452	2456	2460	rVV2	138738	188513	1.81%	0.112%
44	17.486	2460	2465	2469	rVV3	93942	141230	1.36%	0.084%
45	17.775	2510	2514	2519	rVV	653354	951757	9.16%	0.565%
46	17.828	2519	2523	2530	rVB	919290	1241295	11.94%	0.737%
47	17.904	2531	2536	2541	rVV	272030	395847	3.81%	0.235%
48	17.969	2541	2547	2551	rVV2	843717	1456282	14.01%	0.865%
49	18.010	2551	2554	2561	rVB	442350	581528	5.59%	0.345%
50	18.128	2570	2574	2579	rVV2	208640	292874	2.82%	0.174%
51	18.286	2595	2601	2605	rVV	446709	685012	6.59%	0.407%
52	18.322	2605	2607	2613	rVB2	132999	184164	1.77%	0.109%
53	18.533	2640	2643	2648	rVB2	168757	202266	1.95%	0.120%
54	18.586	2648	2652	2655	rBV	162025	200946	1.93%	0.119%
55	18.628	2655	2659	2663	rVB	142388	200864	1.93%	0.119%
56	18.710	2667	2673	2678	rBV	374650	641089	6.17%	0.381%
57	18.769	2678	2683	2686	rVV2	313318	528318	5.08%	0.314%
58	18.798	2686	2688	2692	rVV	157168	187528	1.80%	0.111%
59	18.845	2692	2696	2705	rVB2	410156	739474	7.11%	0.439%
60	18.969	2712	2717	2725	rVB	7242798	9804457	94.32%	5.825%
61	19.045	2726	2730	2732	rVV2	116439	146956	1.41%	0.087%
62	19.122	2739	2743	2746	rVB	110854	138813	1.34%	0.082%
63	19.169	2746	2751	2755	rBV5	79673	194850	1.87%	0.116%
64	19.210	2755	2758	2765	rVV2	234229	388436	3.74%	0.231%
65	19.310	2769	2775	2777	rVV	6927010	10394685	100.00%	6.175%
66	19.333	2777	2779	2788	rVV	6239663	7740264	74.46%	4.598%
67	19.410	2788	2792	2800	rVB3	306225	582056	5.60%	0.346%
68	19.516	2806	2810	2816	rBV	383600	518723	4.99%	0.308%
69	19.663	2829	2835	2842	rBV4	447490	1155605	11.12%	0.687%
70	19.804	2854	2859	2861	rBV3	383570	673197	6.48%	0.400%
71	19.833	2861	2864	2871	rVB	770510	1100135	10.58%	0.654%

LSC Area Percent Report

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Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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	19.892	2871	2874	2878	rBV2	180894	203157	1.95%	0.121%
73	19.939	2878	2882	2886	rVB	390231	464168	4.47%	0.276%
74	19.992	2886	2891	2895	rBV2	675086	1093014	10.52%	0.649%
75	20.080	2903	2906	2911	rVB2	146062	173426	1.67%	0.103%
76	20.133	2911	2915	2919	rBV	349157	434615	4.18%	0.258%
77	20.180	2919	2923	2928	rBV4	359552	559038	5.38%	0.332%
78	20.398	2956	2960	2963	rBV4	218007	294956	2.84%	0.175%
79	20.586	2988	2992	2999	rVB	627752	846052	8.14%	0.503%
80	20.751	3015	3020	3024	rBV2	476171	815484	7.85%	0.484%
81	20.792	3024	3027	3030	rBV	453974	497248	4.78%	0.295%
82	20.827	3030	3033	3034	rBV2	381019	406653	3.91%	0.242%
83	20.851	3034	3037	3041	rVV2	1597365	1966788	18.92%	1.168%
84	21.051	3069	3071	3074	rVB	171456	146409	1.41%	0.087%
85	21.098	3074	3079	3084	rVV2	4649121	8994327	86.53%	5.343%
86	21.145	3084	3087	3097	rVB	2947701	3813182	36.68%	2.265%
87	21.263	3104	3107	3109	rBV	357157	373609	3.59%	0.222%
88	21.298	3110	3113	3116	rVB	492740	517051	4.97%	0.307%
89	21.416	3130	3133	3138	rVB2	370801	485131	4.67%	0.288%
90	21.651	3170	3173	3177	rVB	568962	648553	6.24%	0.385%
91	21.721	3182	3185	3191	rVB2	757357	1078315	10.37%	0.641%
92	22.163	3256	3260	3265	rVB	852579	1109382	10.67%	0.659%
93	22.616	3332	3337	3339	rBV	2052950	3413463	32.84%	2.028%
94	22.774	3361	3364	3370	rVB	429082	637209	6.13%	0.379%
95	23.063	3409	3413	3417	rBV	1028866	1641941	15.80%	0.975%
96	23.116	3417	3422	3426	rVV	2978475	5120235	49.26%	3.042%
97	23.157	3426	3429	3437	rVB2	1916362	3689437	35.49%	2.192%
98	23.245	3438	3444	3449	rBV	1714876	3091793	29.74%	1.837%
99	23.780	3530	3535	3541	rVB	1101453	1963217	18.89%	1.166%
100	23.851	3543	3547	3557	rVB2	950435	1974252	18.99%	1.173%

Sum of corrected areas: 168328561

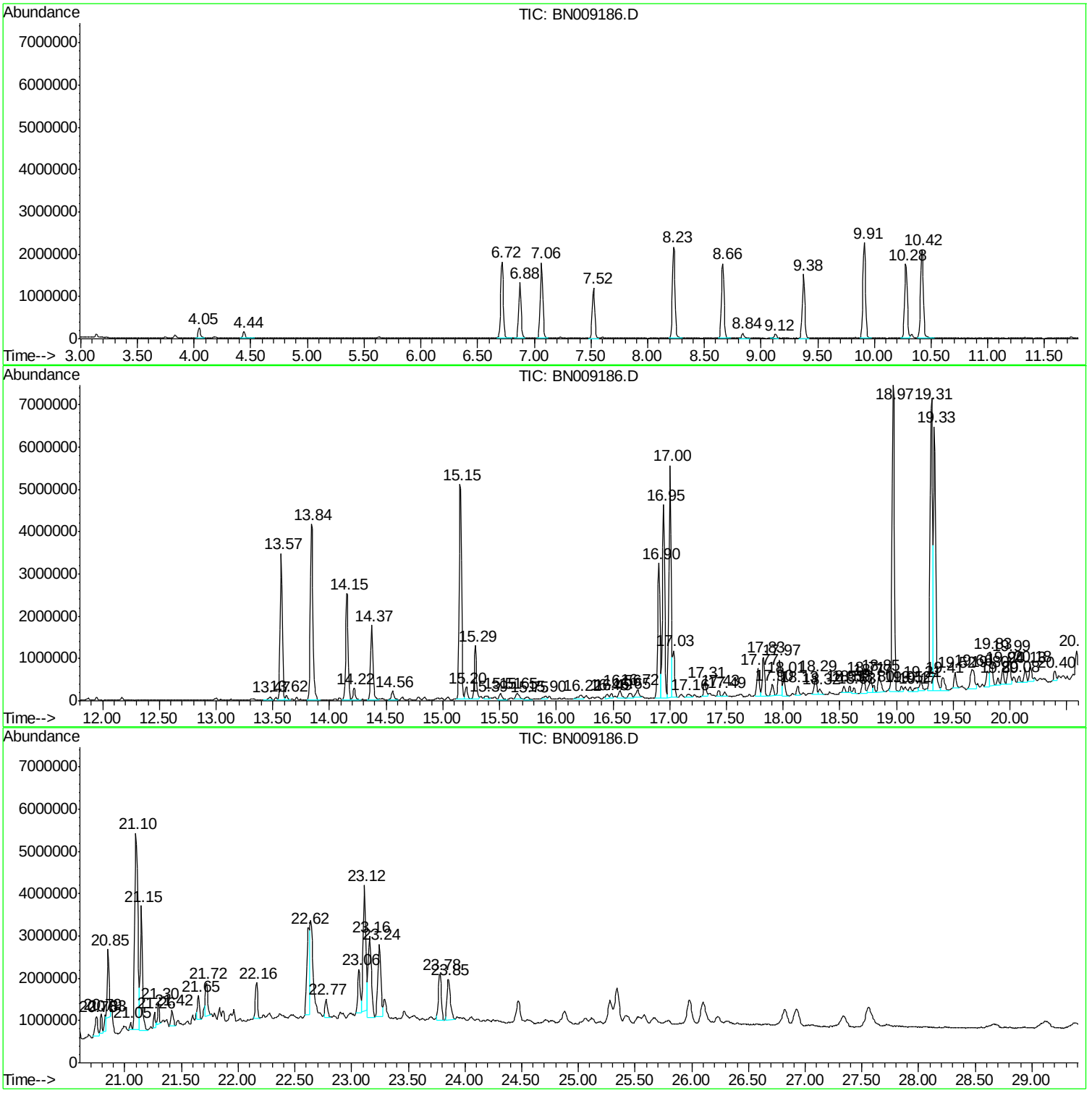
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009186.D
Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
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Instrument : BNA_N
ClientSampleId : CB5S0

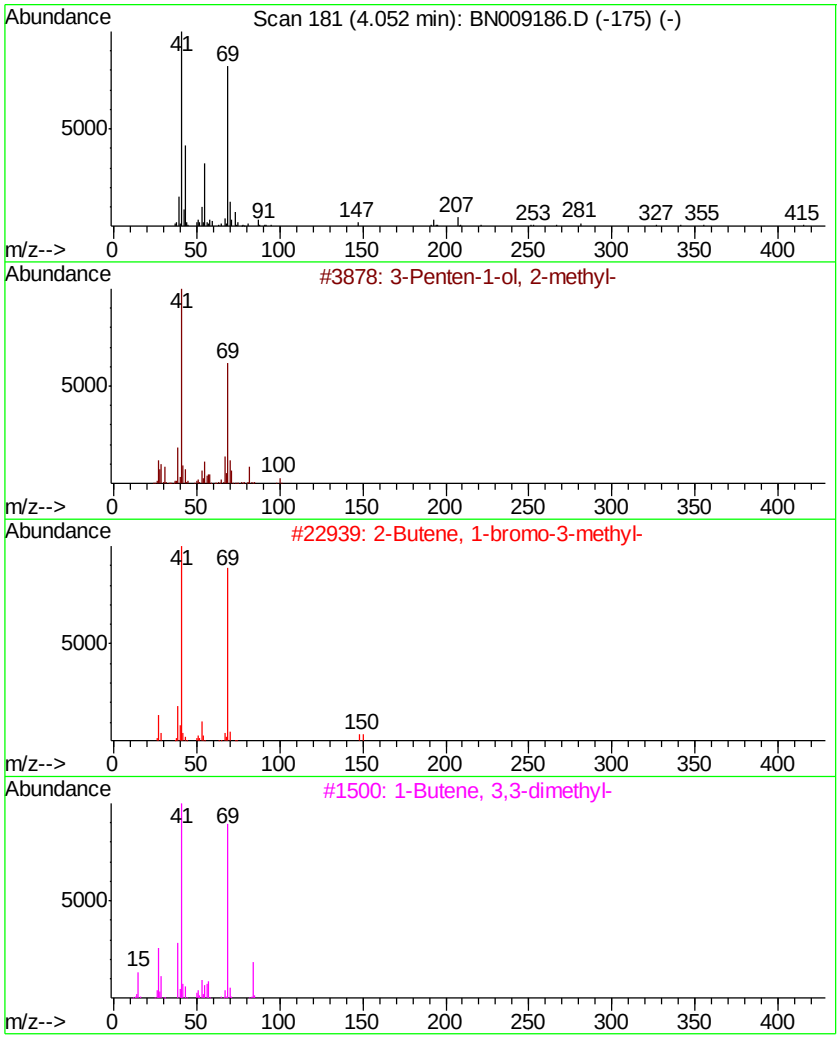
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

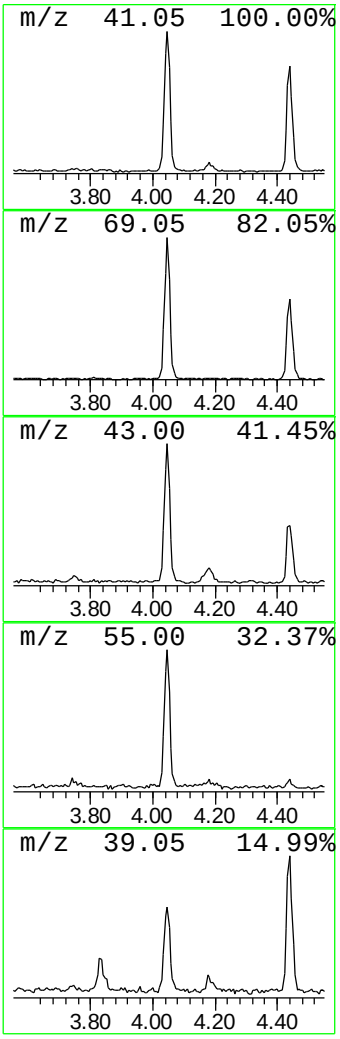
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 3-Penten-1-ol, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.05	3.34 ng/ul	313386	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	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	42
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
Data File : BN009186.D
Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

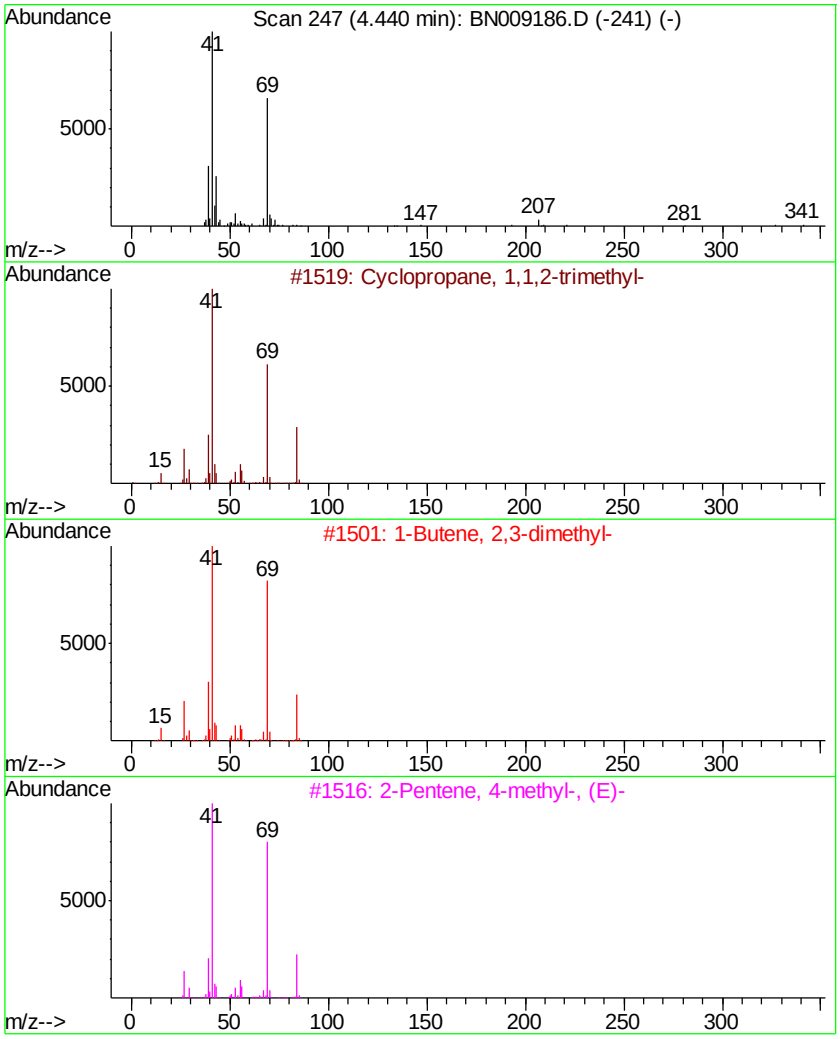
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION

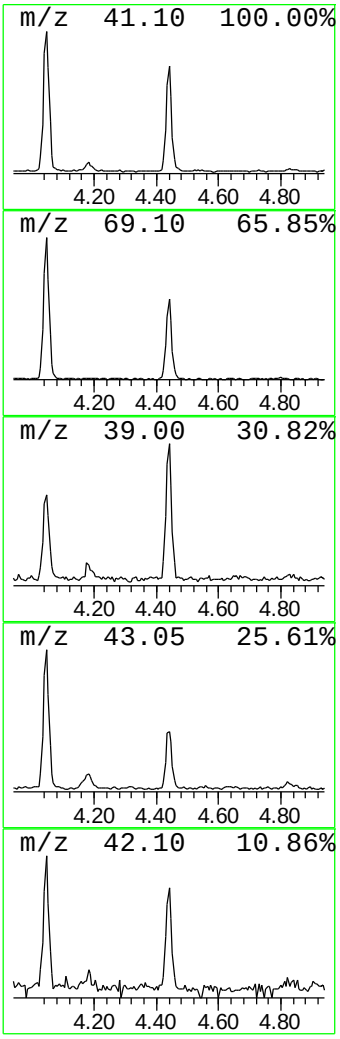
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic4.44 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.44	2.20 ng/ul	207126	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,1,2-trimethyl-	84	C6H12	004127-45-1	40
2	1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	40
3	2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	40
4	3-Penten-2-one	84	C5H8O	000625-33-2	40
5	2-Pentene, 4-methyl-	84	C6H12	004461-48-7	40





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

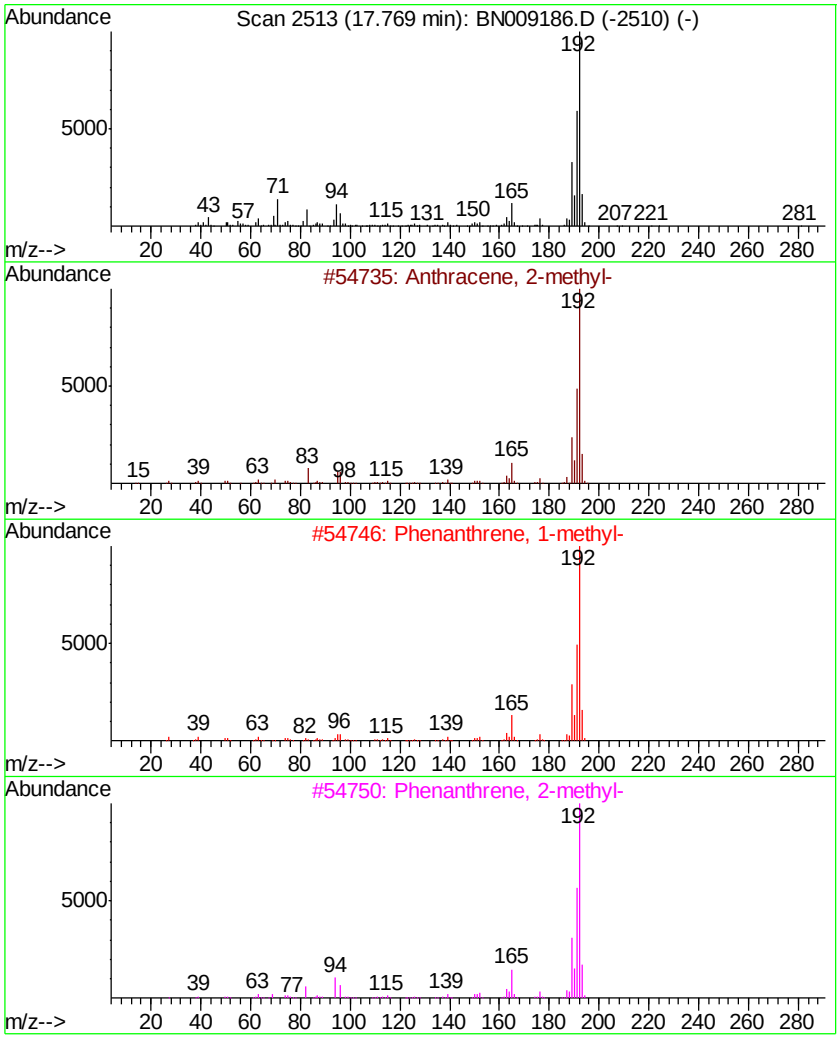
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

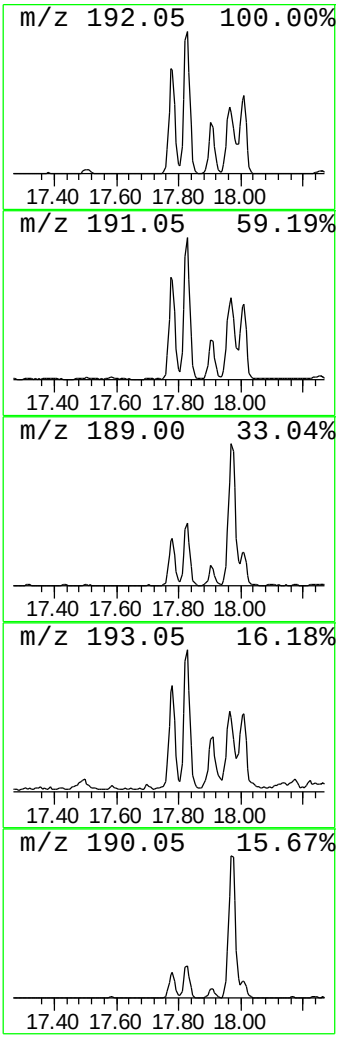
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	4.33 ng/ul	951757	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122619\
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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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

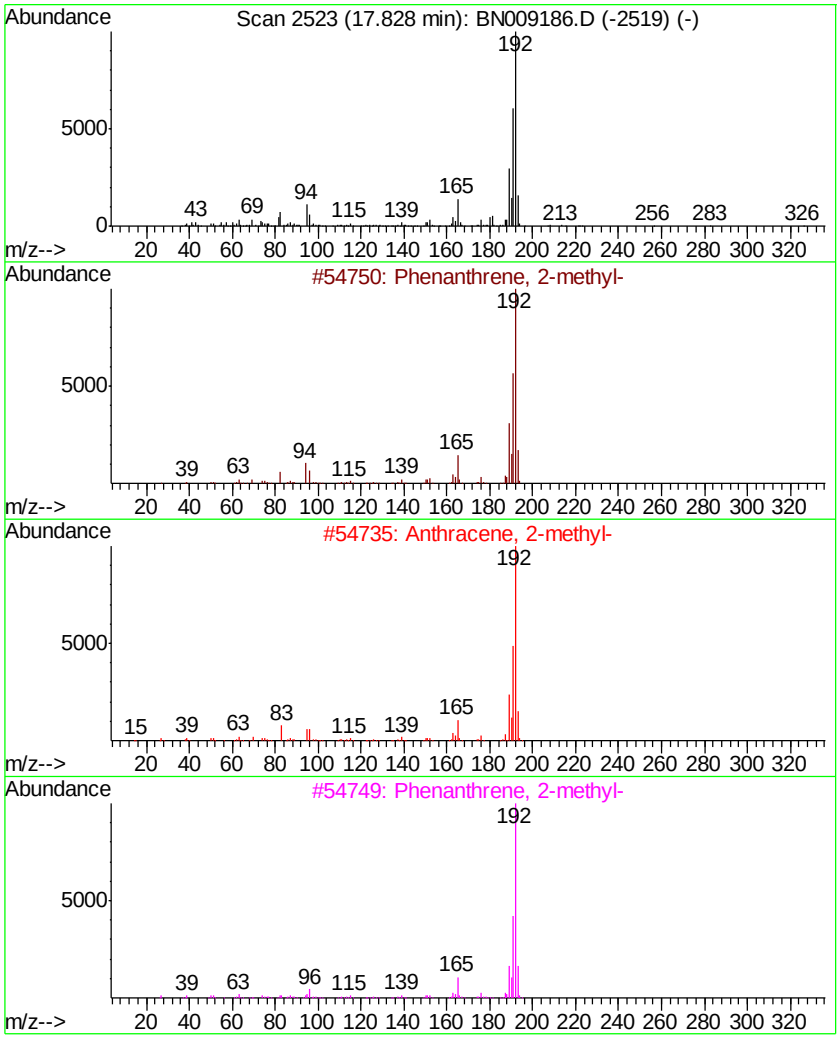
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

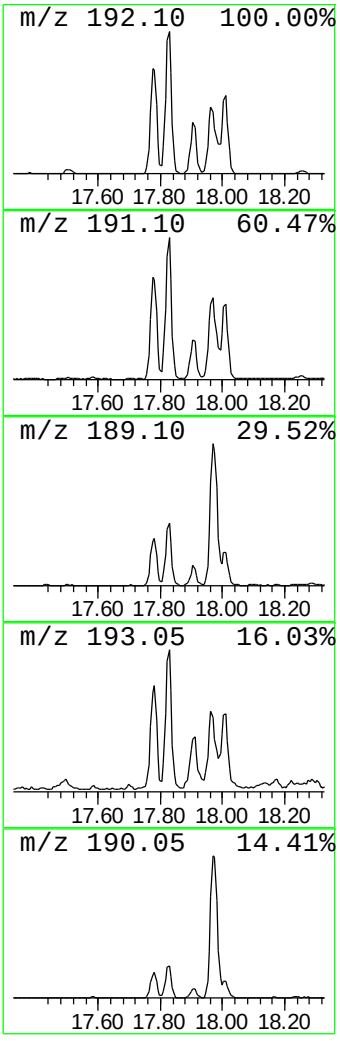
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	5.65 ng/ul	1241300	Phenanthrene-d10	16.90

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





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Data File : BN009186.D
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Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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

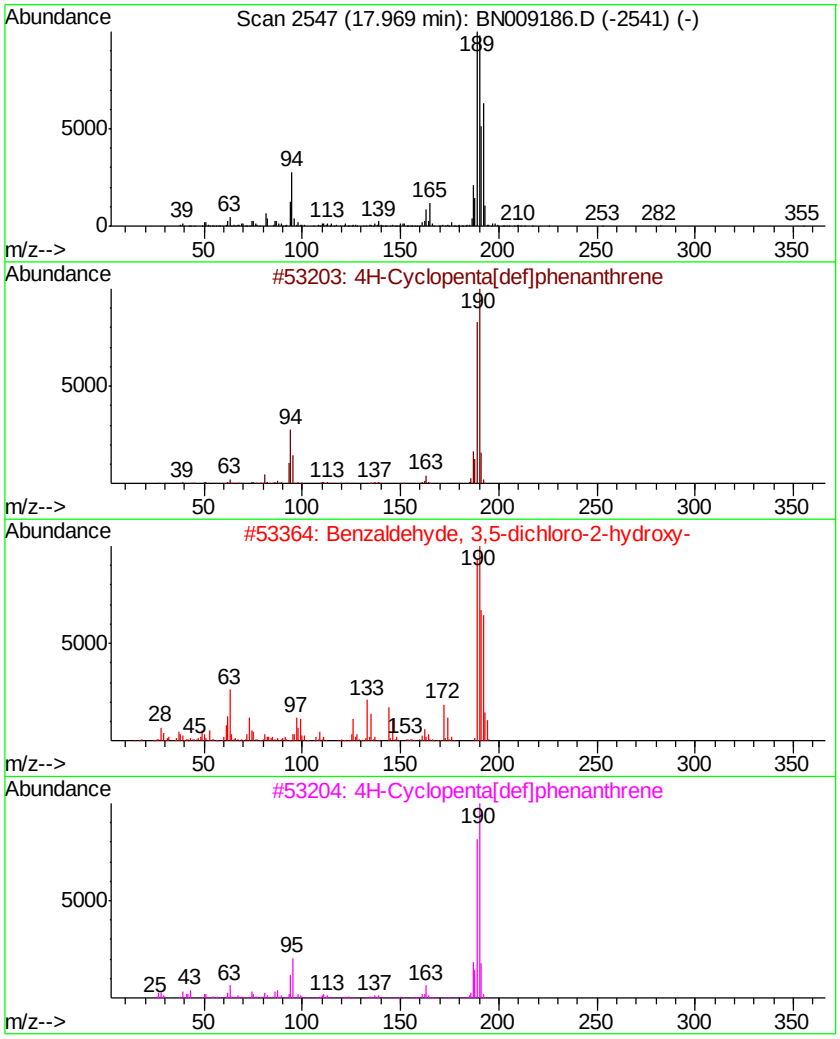
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

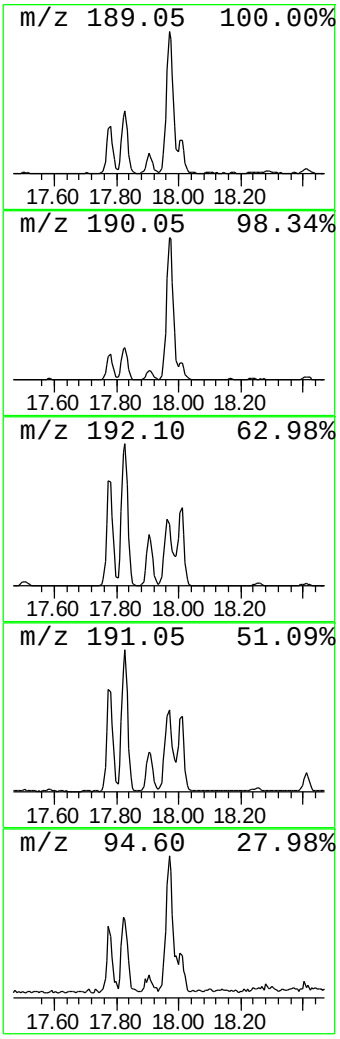
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	6.63 ng/ul	1456280	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





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Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
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Instrument : BNA_N
ClientSampleId : CB5S0

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Quant Title : SVOA CALIBRATION

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

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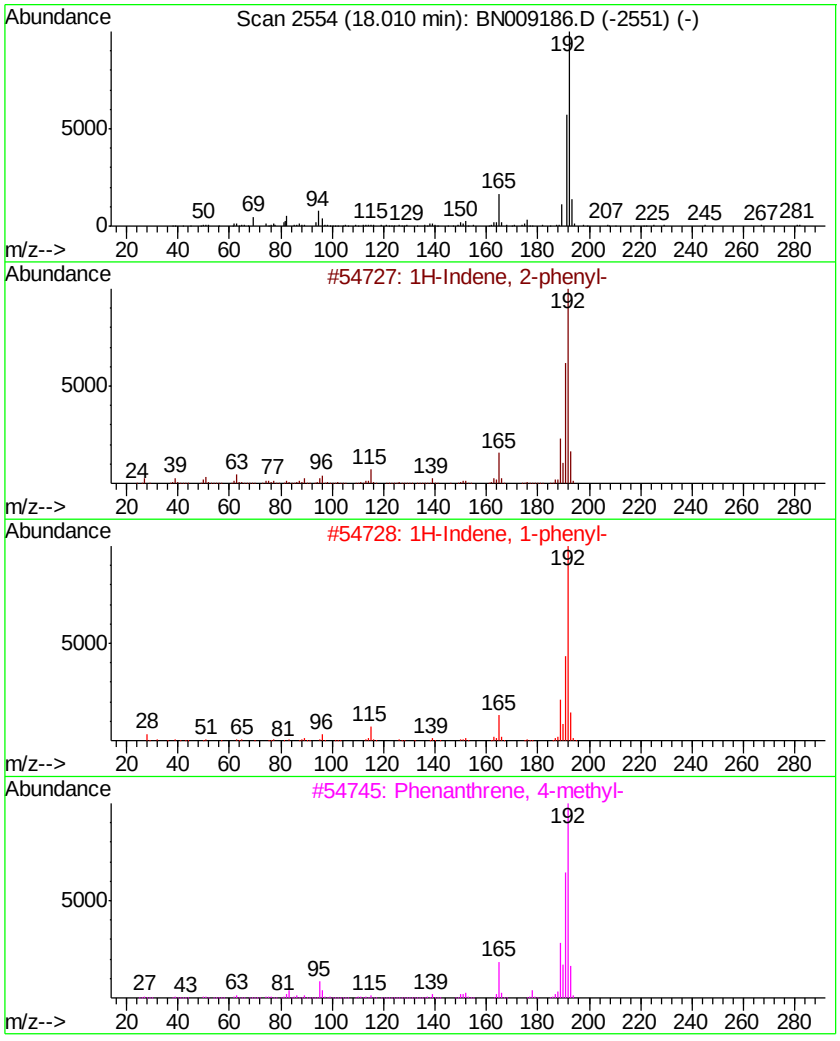
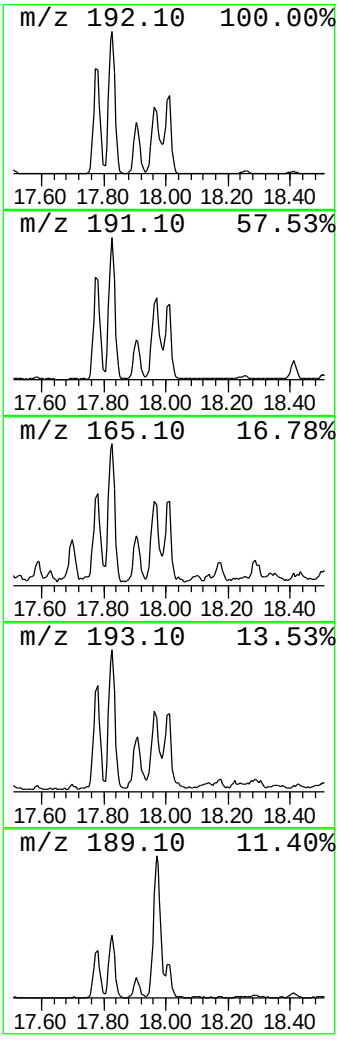
Peak Number 6 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.65 ng/ul	581528	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83





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Misc :
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ClientSampleId : CB5S0

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Quant Title : SVOA CALIBRATION

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

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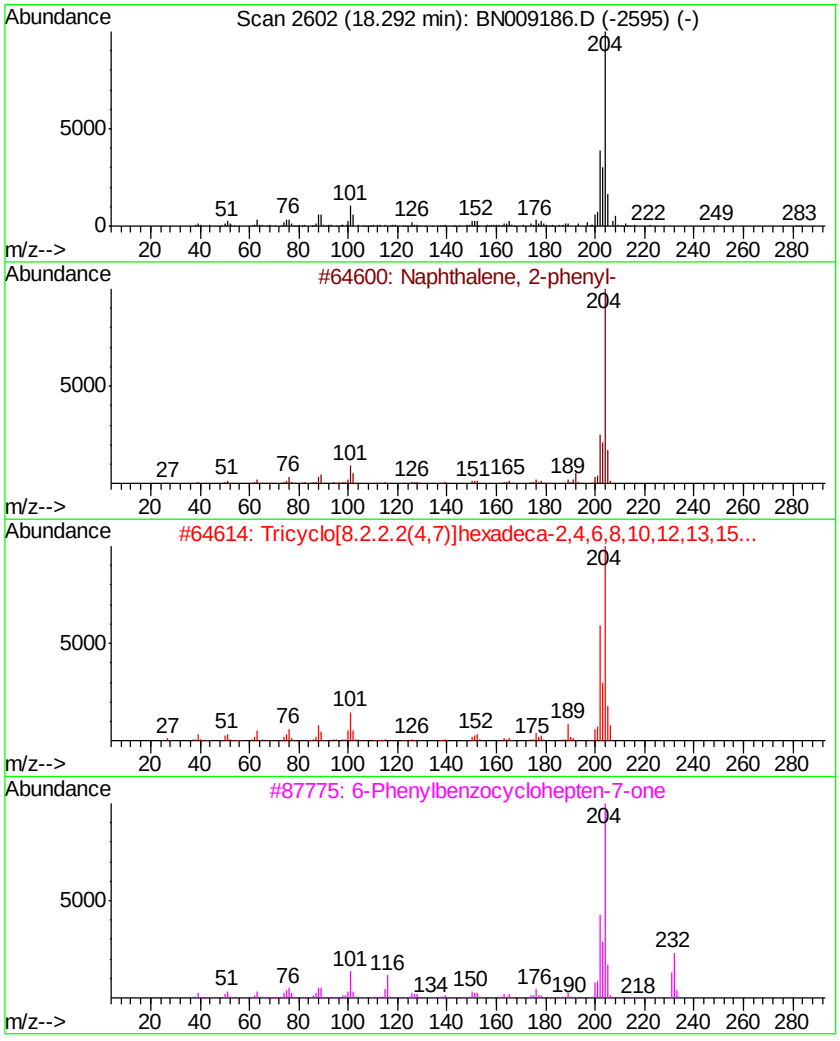
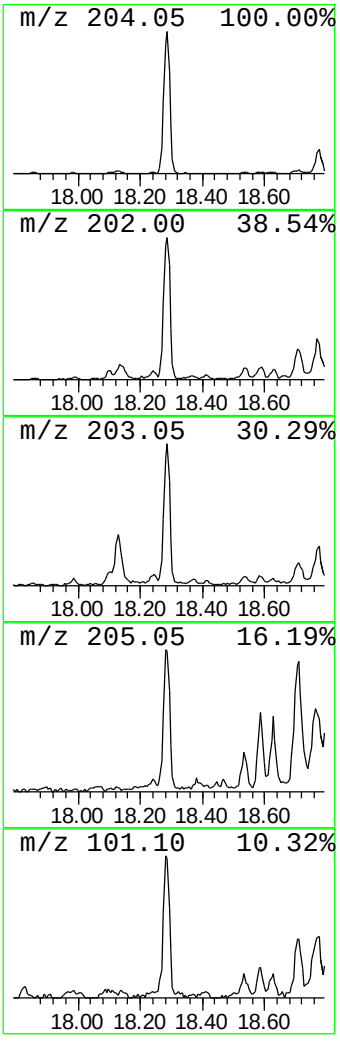
Peak Number 7 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	3.12 ng/ul	685012	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81





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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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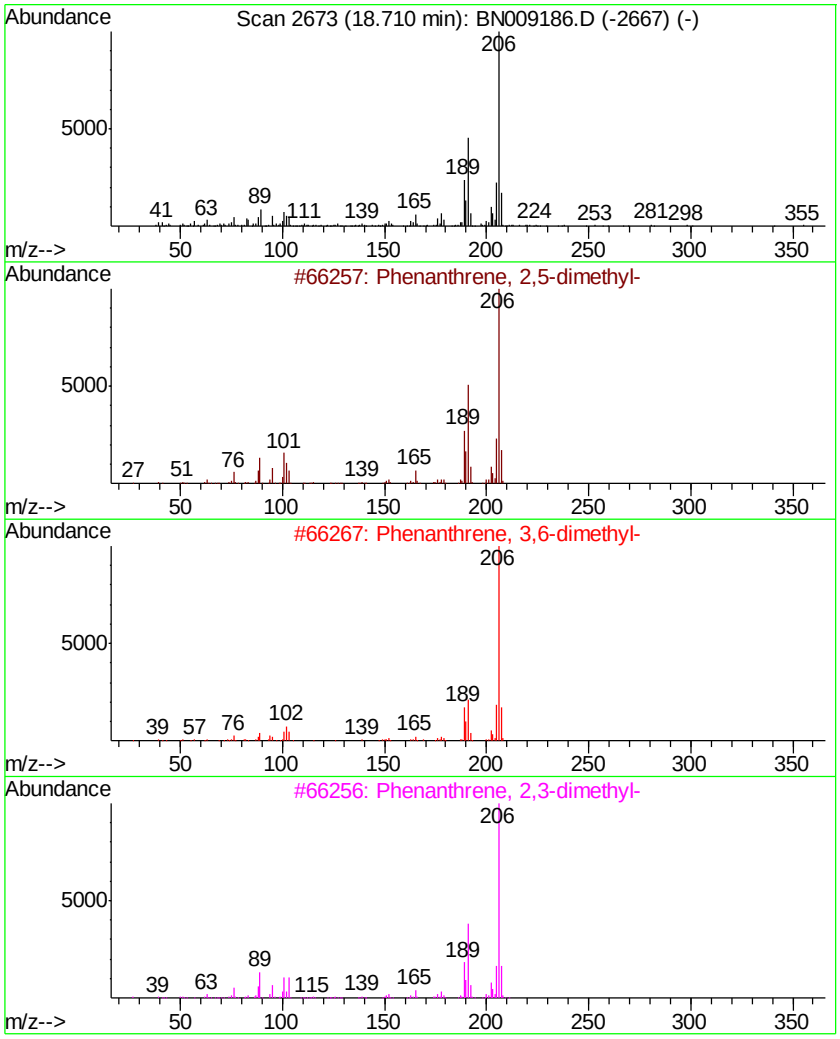
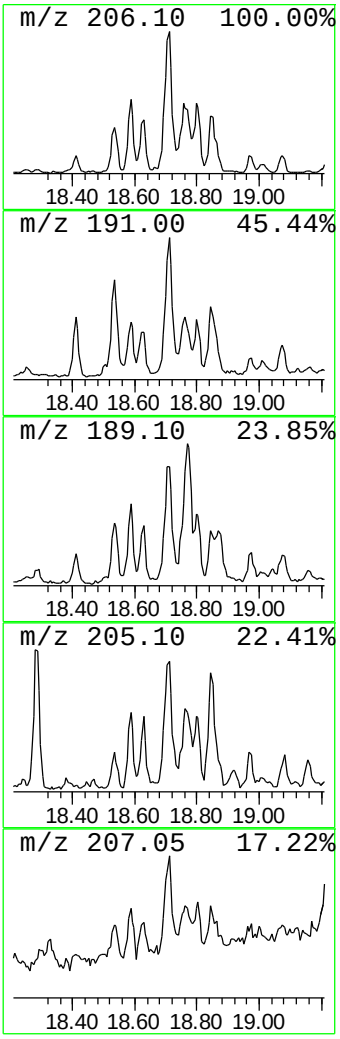
Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	2.92 ng/ul	641089	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Quant Title : SVOA CALIBRATION

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

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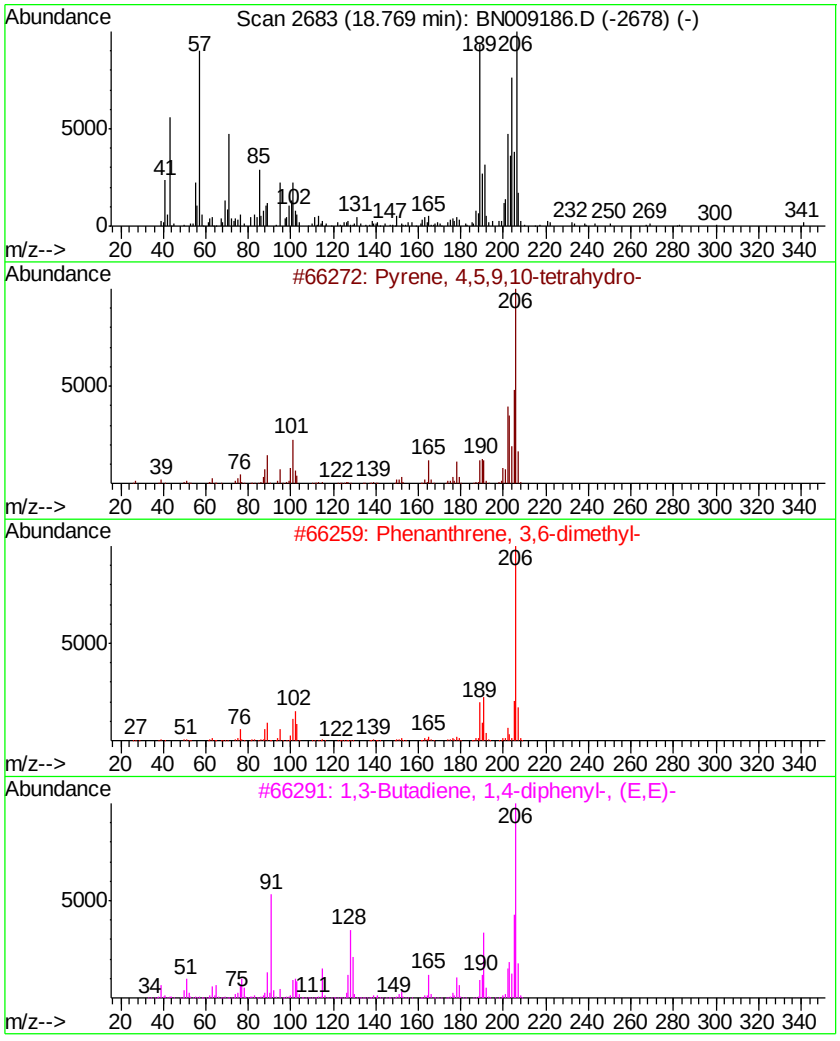
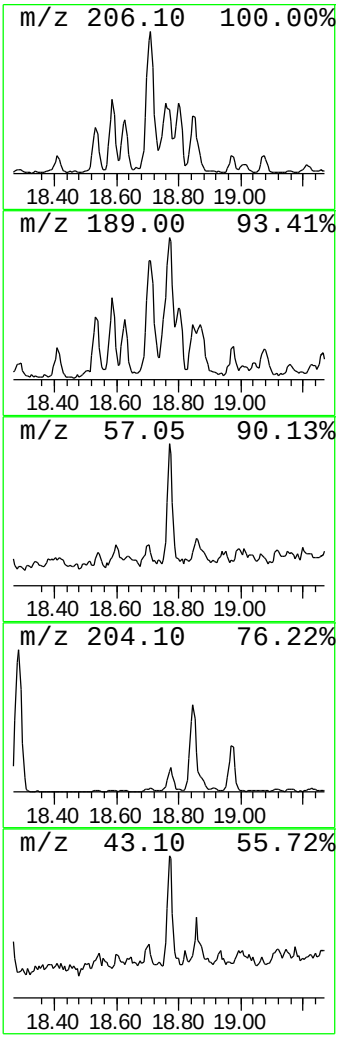
Peak Number 9 unknown-01 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.40 ng/ul	528318	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
3	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	30
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	30
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	30





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Operator : JU
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Instrument : BNA_N
ClientSampleId : CB5S0

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Quant Title : SVOA CALIBRATION

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

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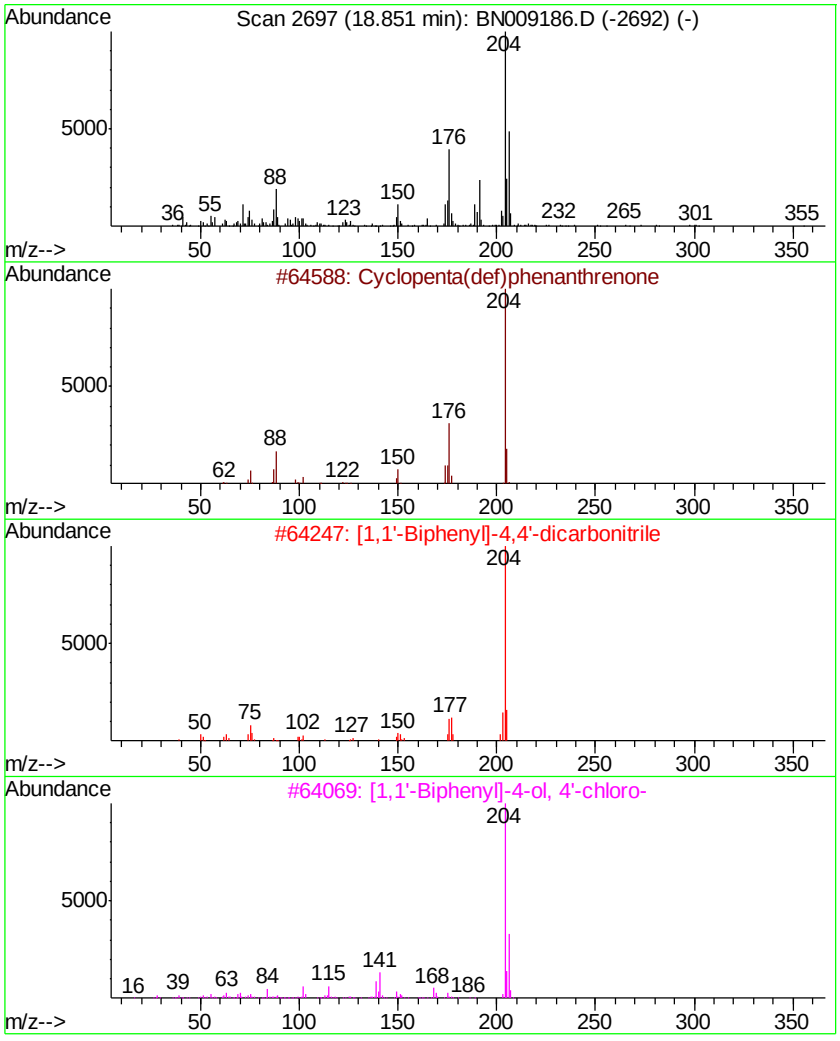
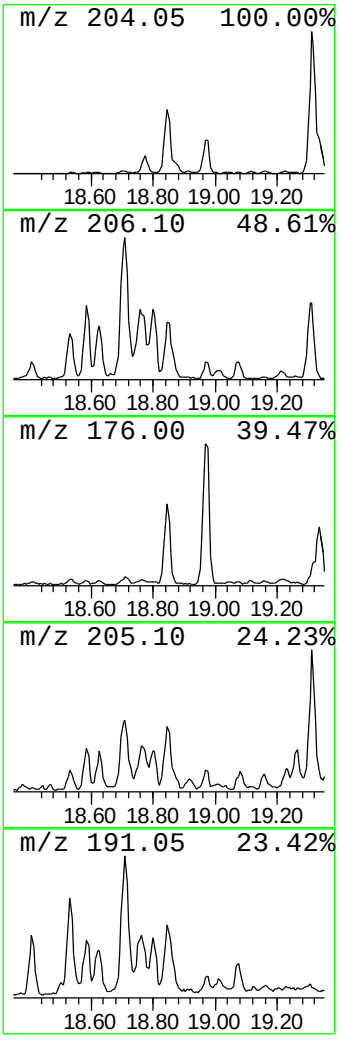
Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.37 ng/ul	739474	Phenanthrene-d10	16.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4	L-(+)-Rhamnopyranose, tetrakis(t...	452	C18H44O5Si4	1000380-12-9	43
5	Carbostyril, 3-ethyl-4-hydroxy-7...	219	C12H13NO3	022048-12-0	43





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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Quant Title : SVOA CALIBRATION

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

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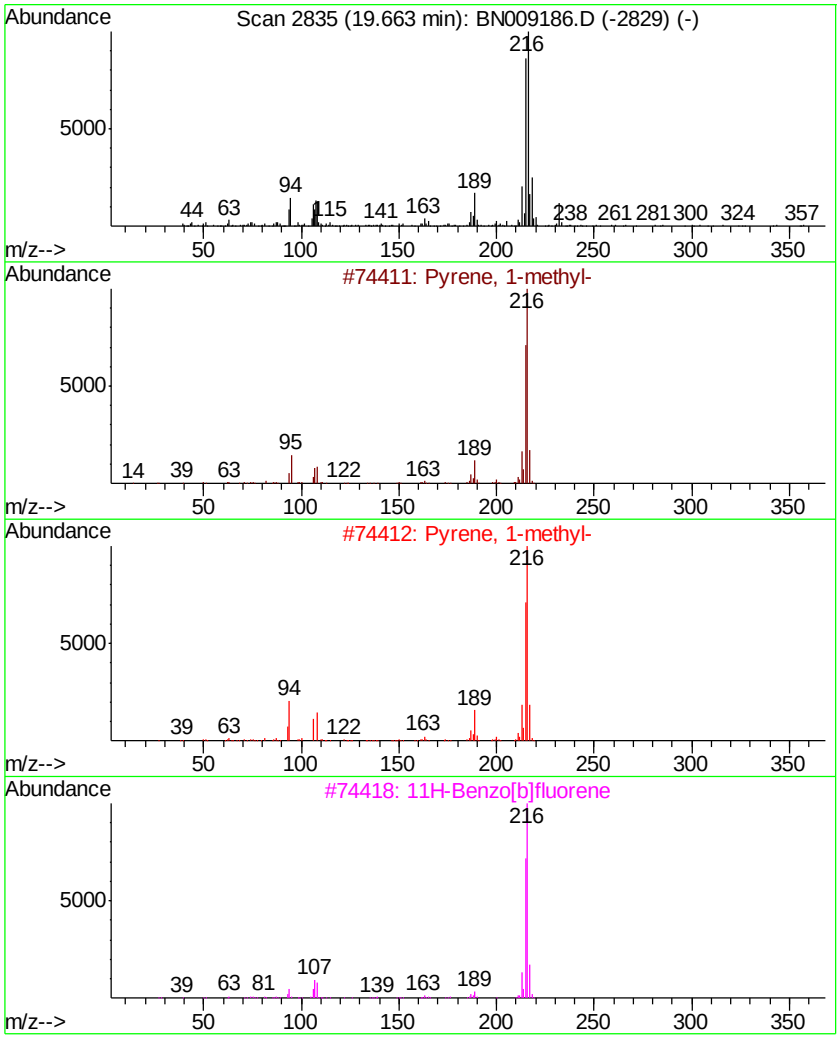
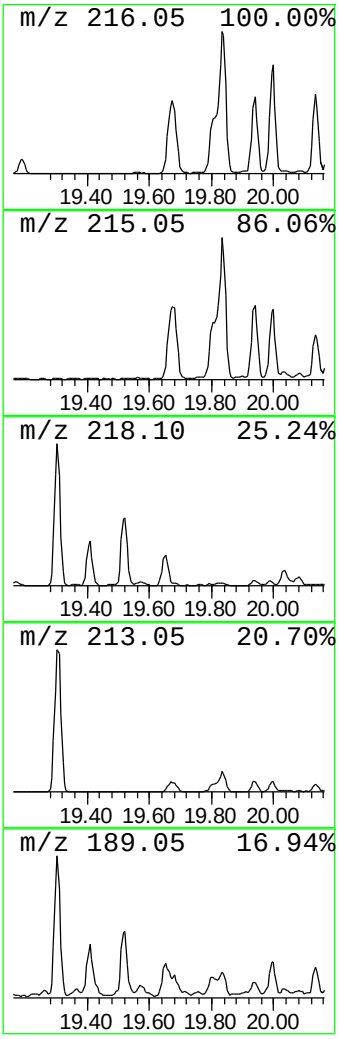
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.57 ng/ul	1155610	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	78
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70





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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

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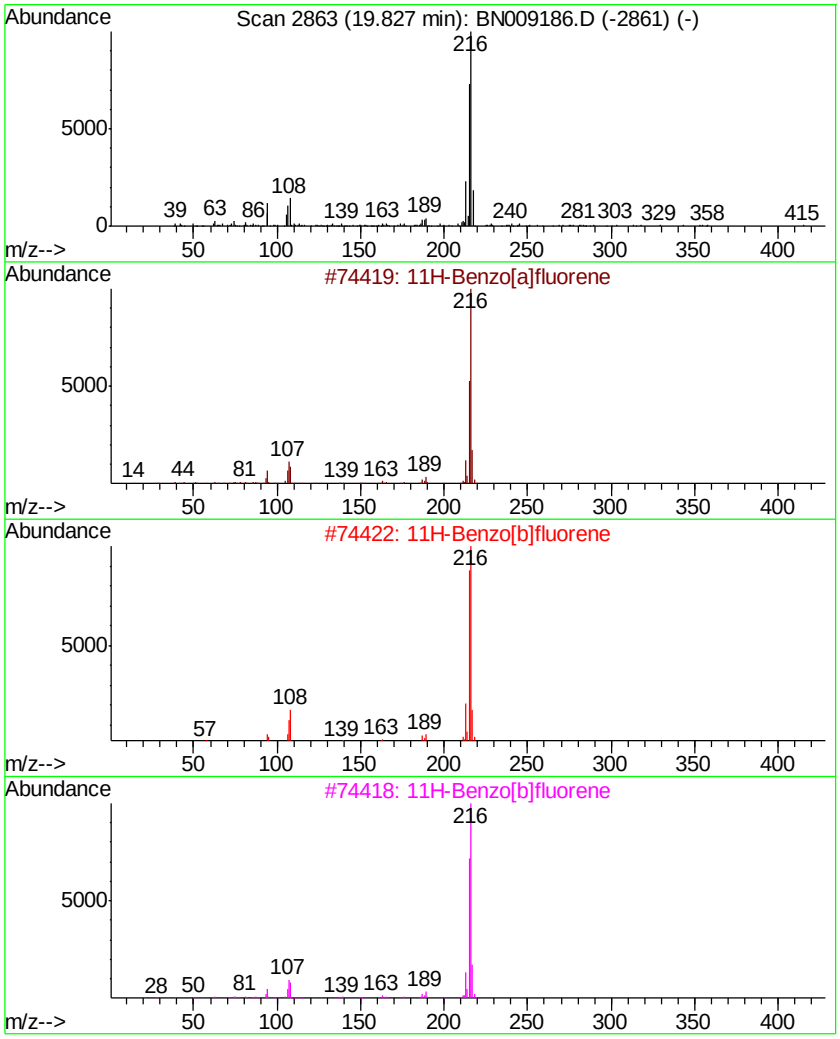
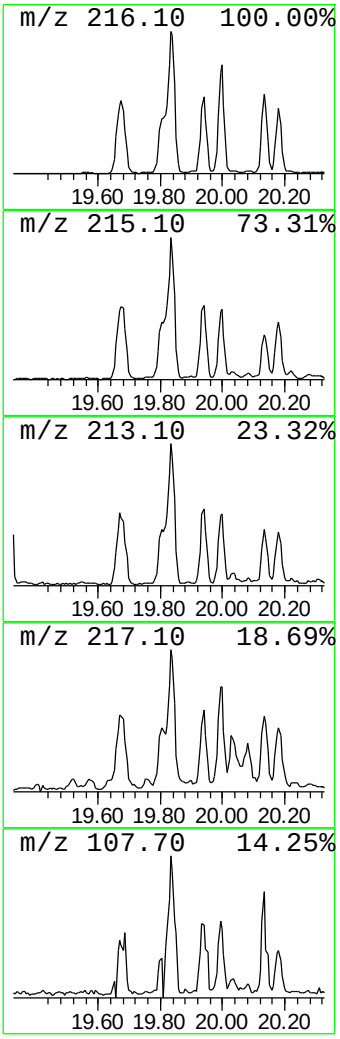
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.45 ng/ul	1100140	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81





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Quant Title : SVOA CALIBRATION

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

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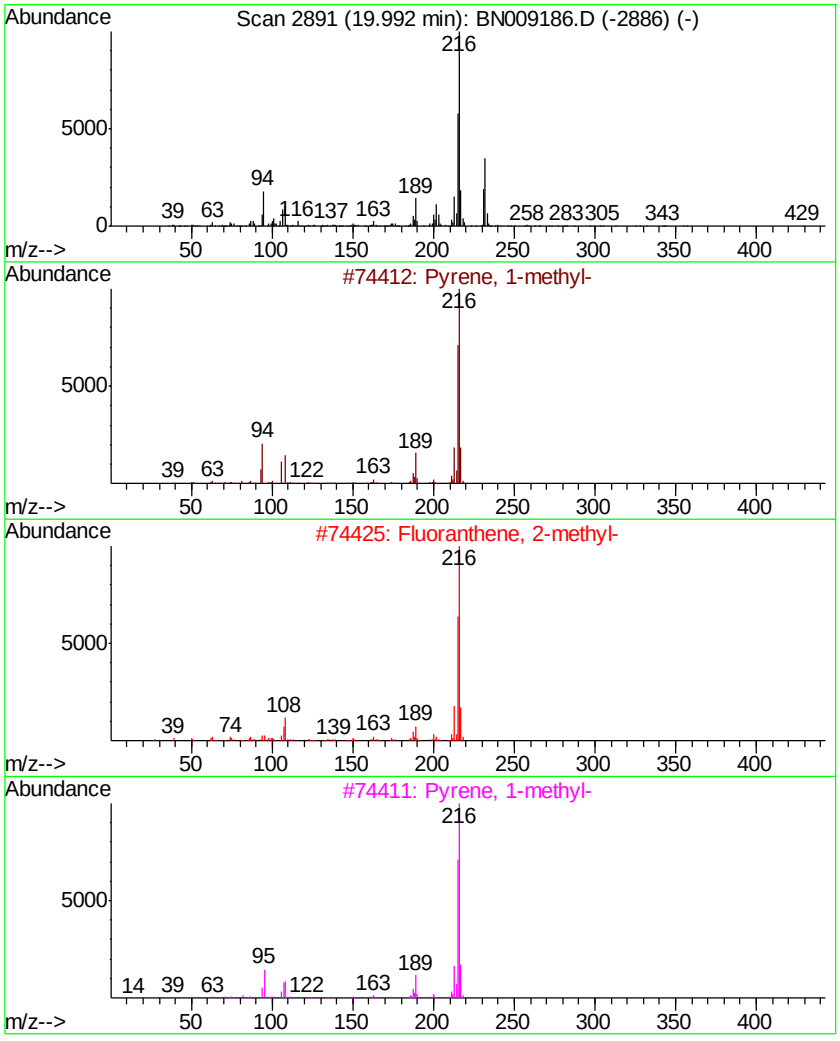
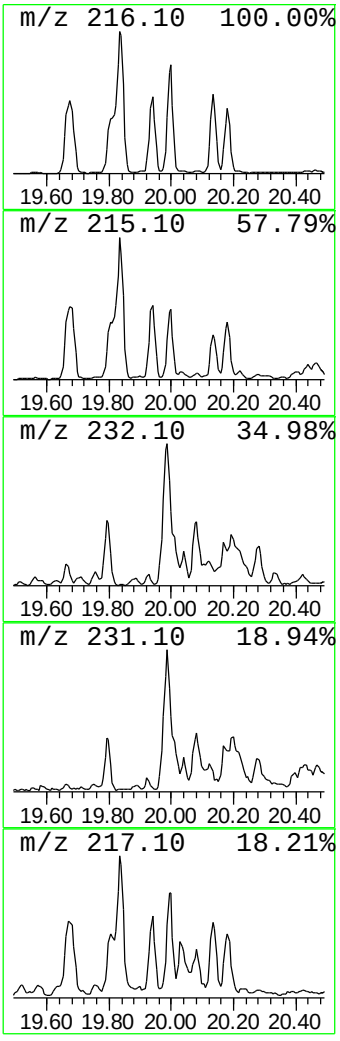
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.99	2.43 ng/ul	1093010	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95





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Quant Title : SVOA CALIBRATION

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

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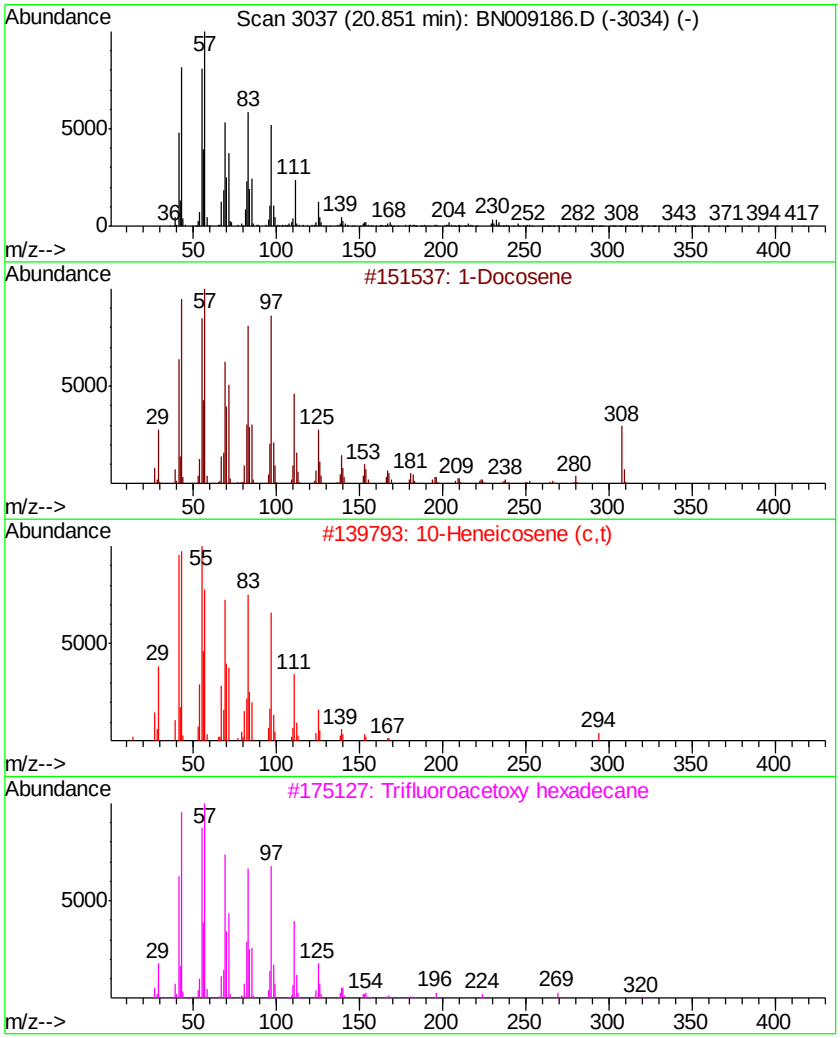
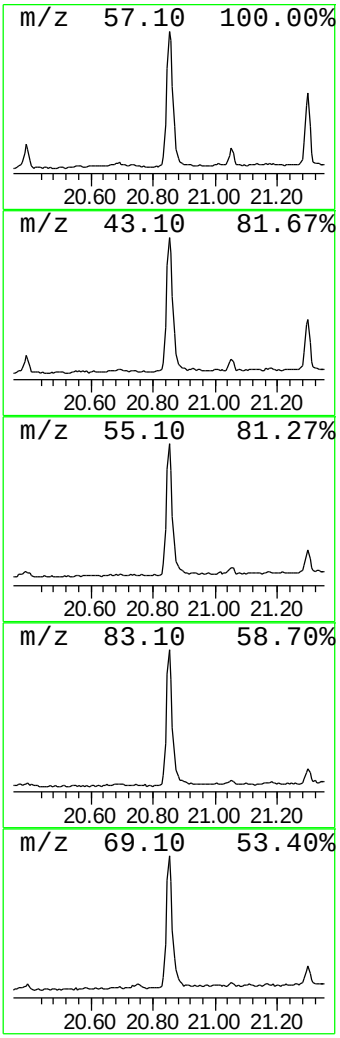
Peak Number 14 (DEL) Alkane: Cyclic20.85 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.37 ng/ul	1966790	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





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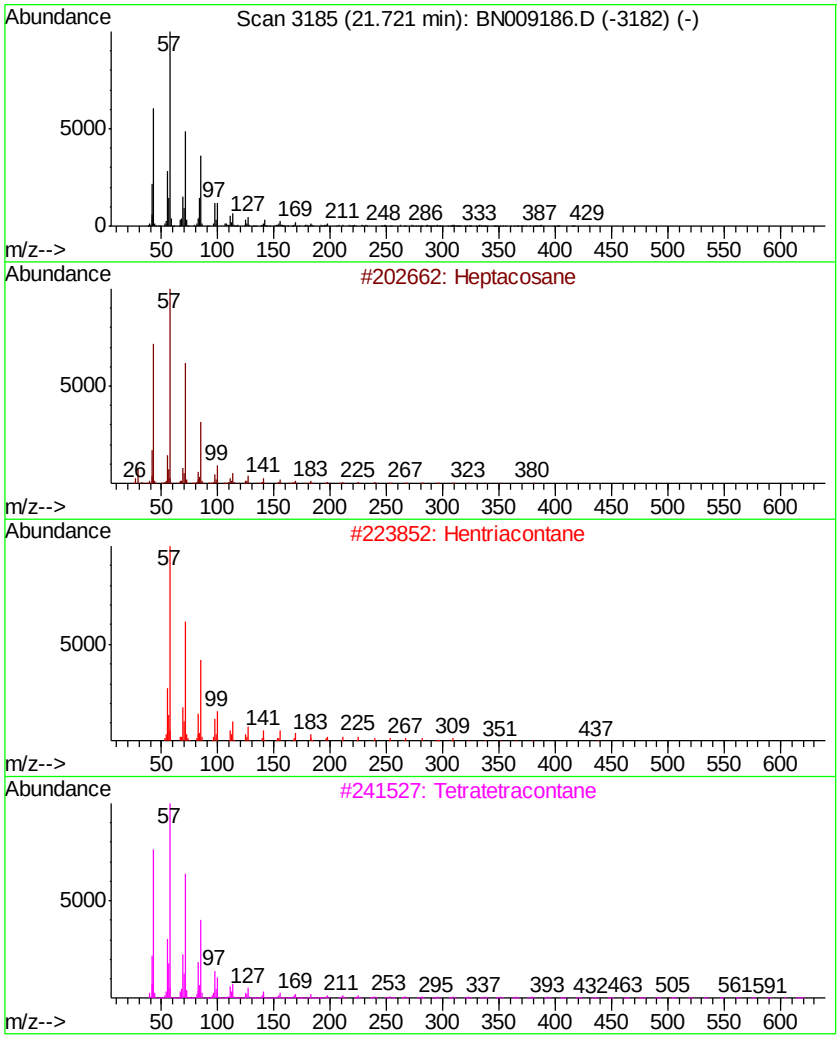
Quant Title : SVOA CALIBRATION

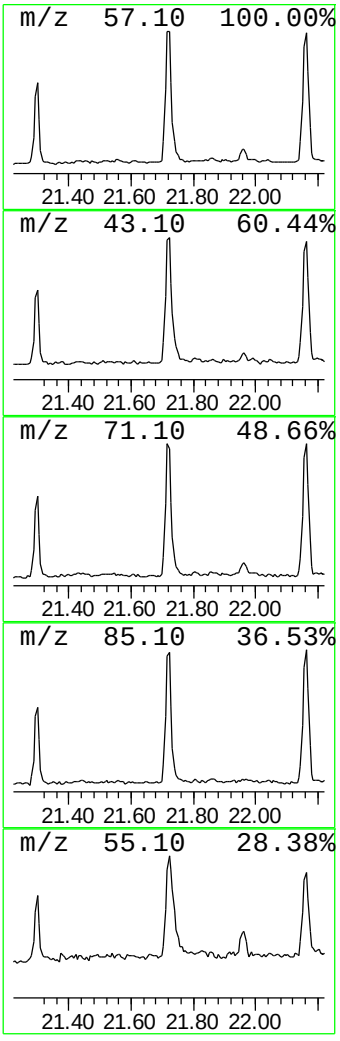
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	2.40 ng/ul	1078320	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	96
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





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Quant Title : SVOA CALIBRATION

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

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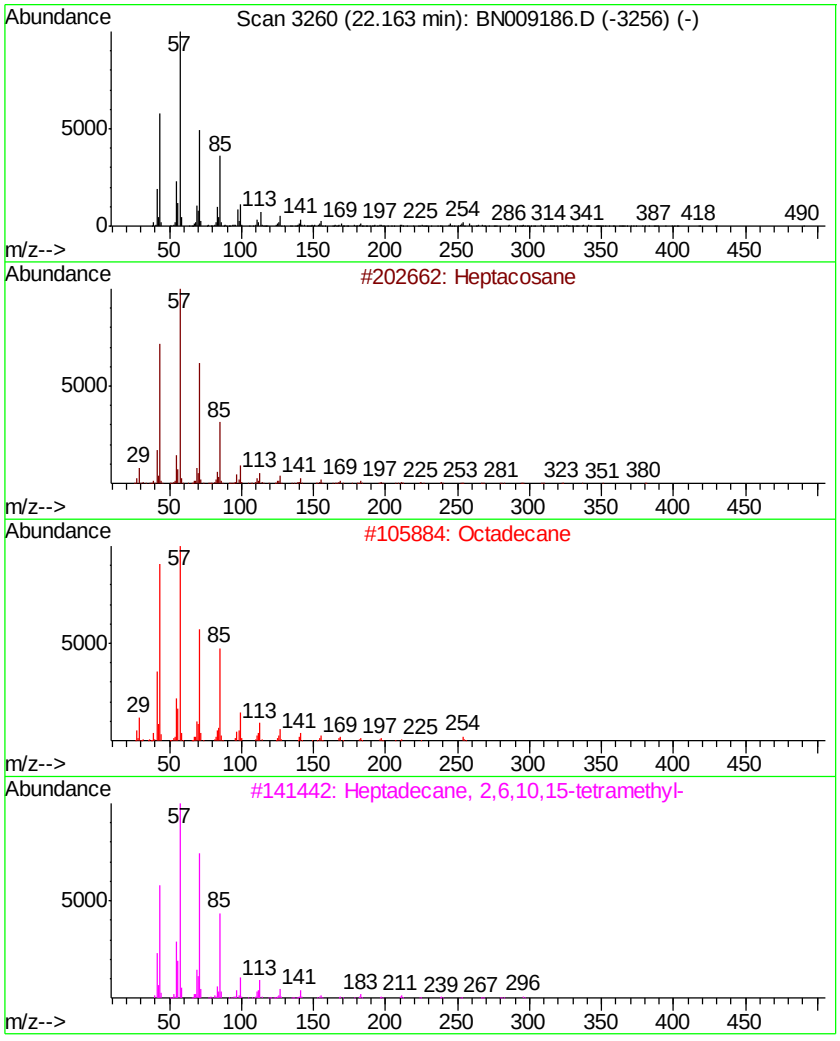
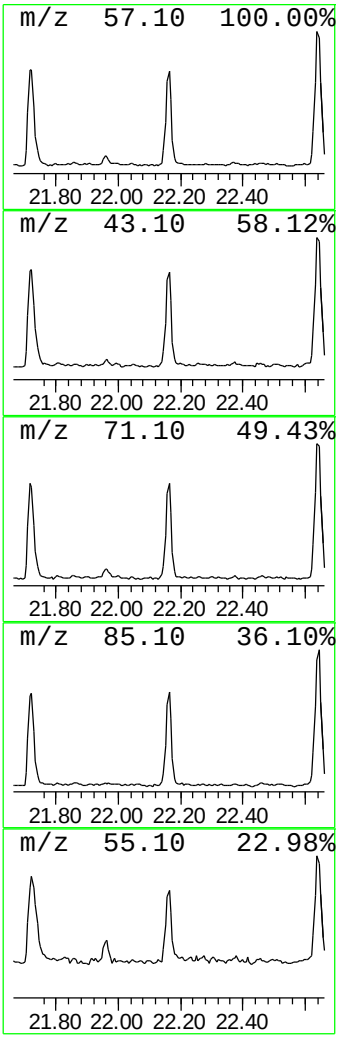
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.47 ng/ul	1109380	Chrysene-d12	21.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	98
2	Octadecane	254	C18H38	000593-45-3	96
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
4	Octadecane	254	C18H38	000593-45-3	95
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	93





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ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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Quant Title : SVOA CALIBRATION

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

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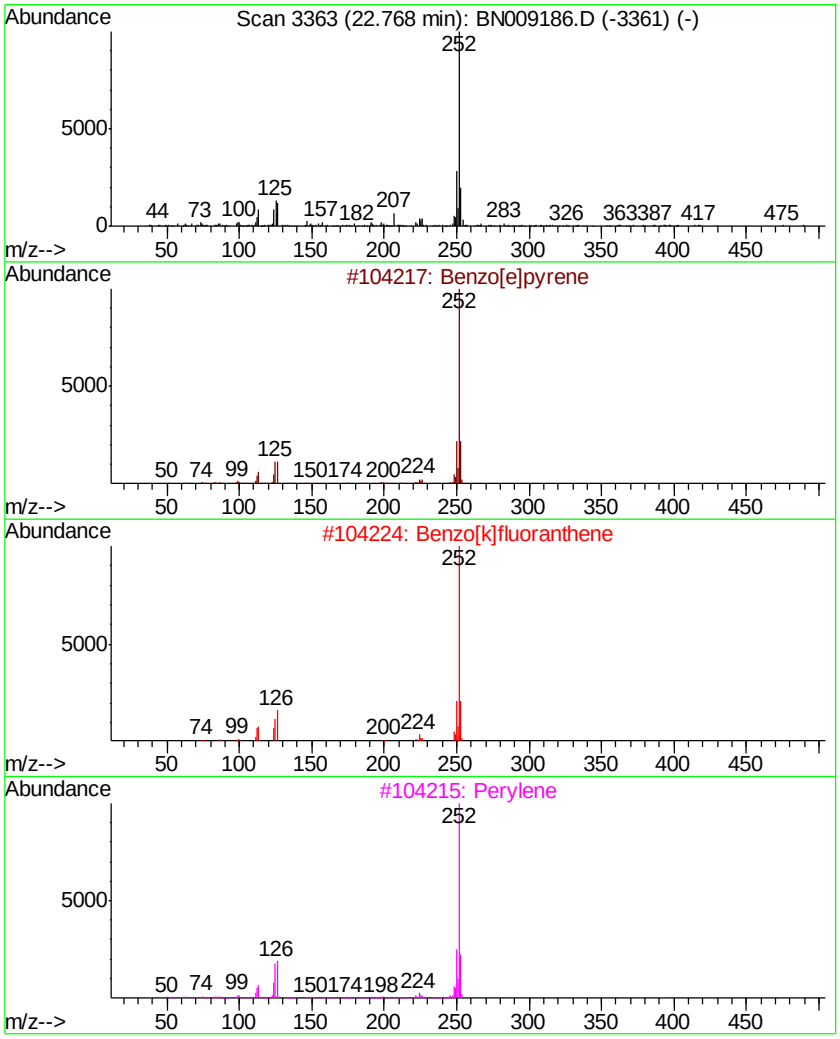
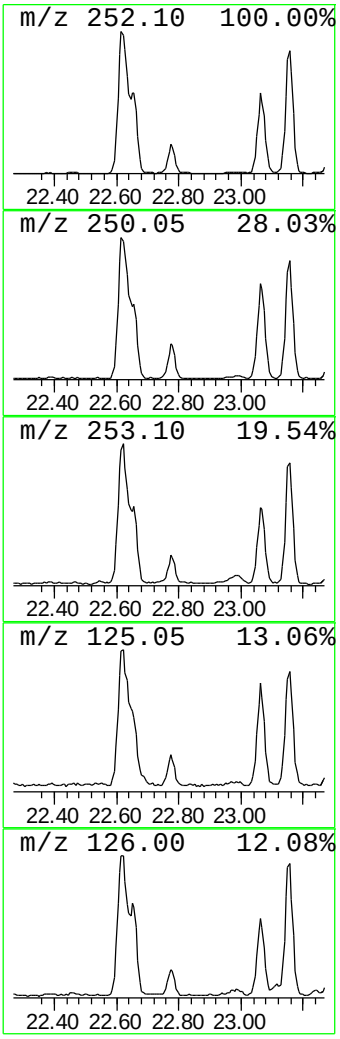
Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	4.12 ng/ul	637209	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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Quant Title : SVOA CALIBRATION

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

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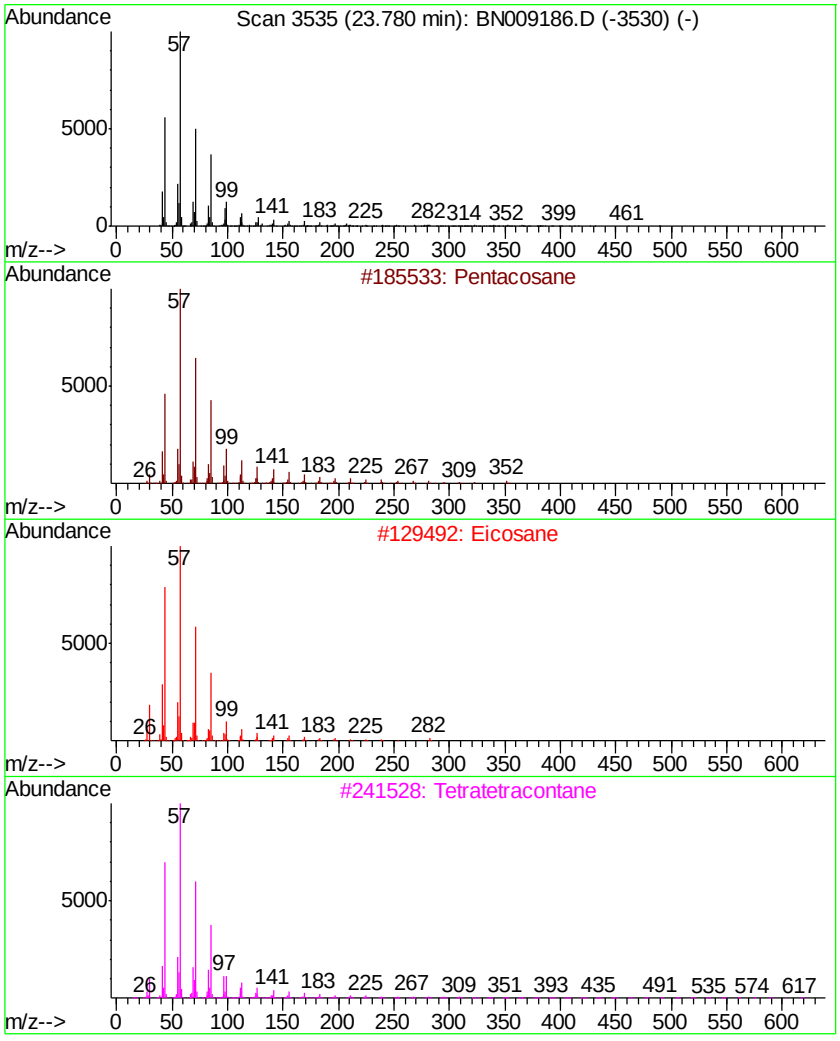
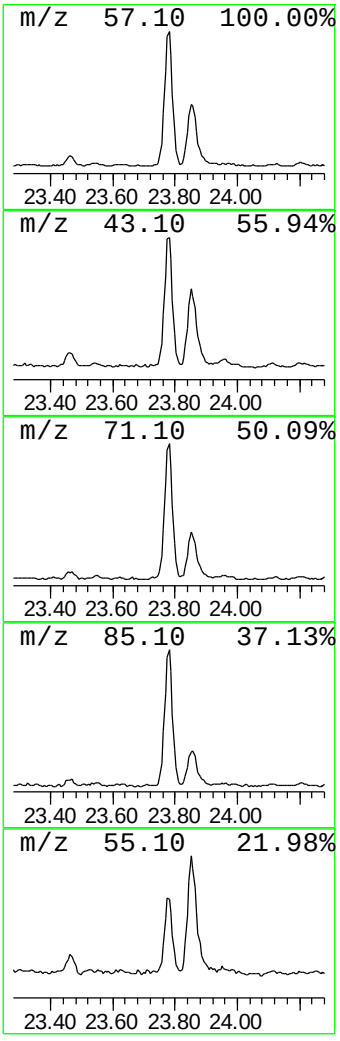
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.78	12.70 ng/ul	1963220	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	97
2	Eicosane	282	C20H42	000112-95-8	94
3	Tetratetracontane	619	C44H90	007098-22-8	94
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	94
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94





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Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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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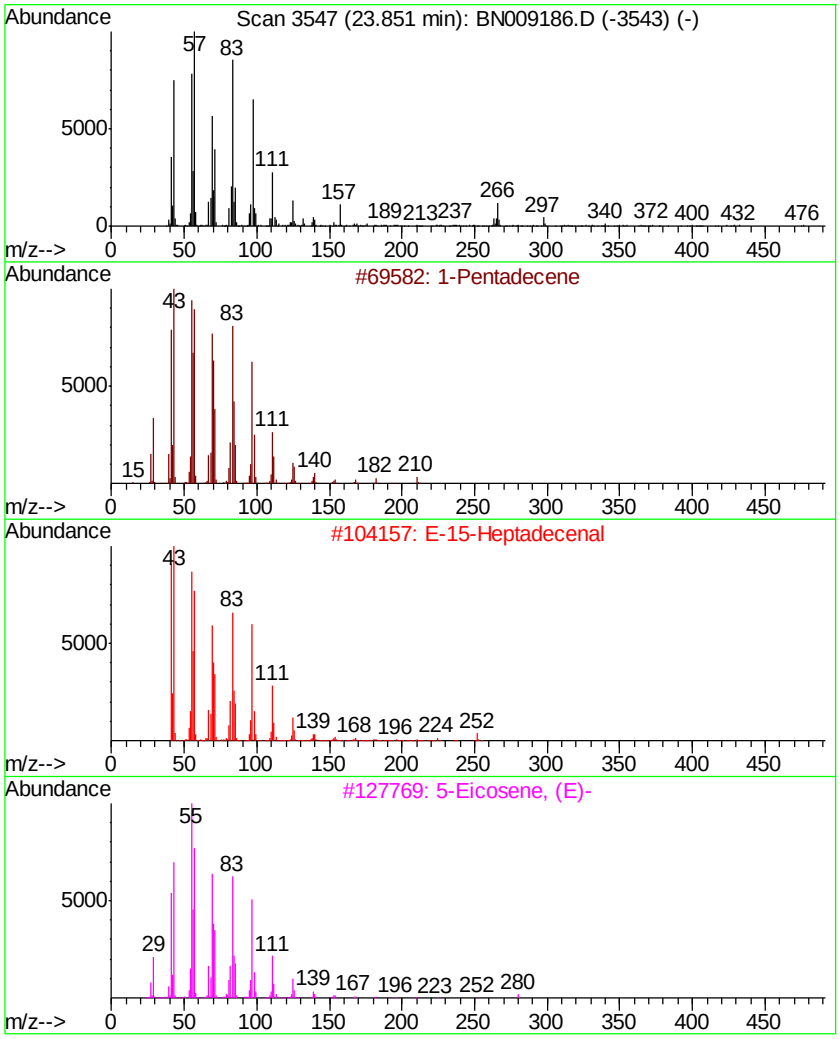
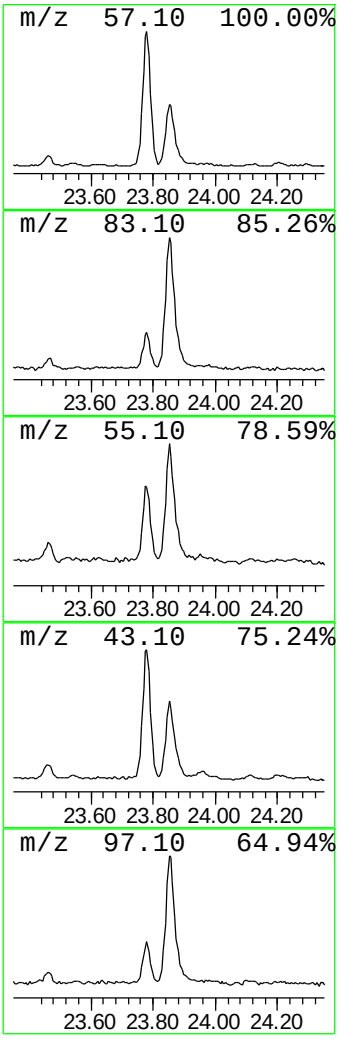
Peak Number 20 (DEL) Alkane: Cyclic23.85 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.85	12.77 ng/ul	1974250	Perylene-d12	23.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	80
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	80
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	80
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	70
5	Octacosanol	410	C28H58O	000557-61-9	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\
Data File : BN009186.D
Acq On : 26 Dec 2019 23:16
Operator : JU
Sample : K6381-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S0

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
3-Penten-1-ol, 2-...	4.05	3.3	ng/ul	313386	1	7.52	1878840	20.0
(DEL) Alkane: Cyc...	4.44	2.2	ng/ul	207126	1	7.52	1878840	20.0
Anthracene, 2-met...	17.77	4.3	ng/ul	951757	4	16.90	4394480	20.0
Phenanthrene, 2-m...	17.83	5.7	ng/ul	1241300	4	16.90	4394480	20.0
4H-Cyclopenta[def...	17.97	6.6	ng/ul	1456280	4	16.90	4394480	20.0
1H-Indene, 2-phenyl-	18.01	2.6	ng/ul	581528	4	16.90	4394480	20.0
Naphthalene, 2-ph...	18.29	3.1	ng/ul	685012	4	16.90	4394480	20.0
Phenanthrene, 2,5...	18.71	2.9	ng/ul	641089	4	16.90	4394480	20.0
unknown-01	18.77	2.4	ng/ul	528318	4	16.90	4394480	20.0
Cyclopenta(def)ph...	18.85	3.4	ng/ul	739474	4	16.90	4394480	20.0
Pyrene, 1-methyl-	19.66	2.6	ng/ul	1155610	5	21.11	8994330	20.0
11H-Benzo[a]fluorene	19.83	2.5	ng/ul	1100140	5	21.11	8994330	20.0
Fluoranthene, 2-m...	19.99	2.4	ng/ul	1093010	5	21.11	8994330	20.0
(DEL) Alkane: Cyc...	20.85	4.4	ng/ul	1966790	5	21.11	8994330	20.0
(DEL) Alkane: Str...	21.72	2.4	ng/ul	1078320	5	21.11	8994330	20.0
(DEL) Alkane: Str...	22.16	2.5	ng/ul	1109380	5	21.11	8994330	20.0
Benzo[e]pyrene	22.77	4.1	ng/ul	637209	6	23.24	3091790	20.0
(DEL) Alkane: Str...	23.78	12.7	ng/ul	1963220	6	23.24	3091790	20.0
(DEL) Alkane: Cyc...	23.85	12.8	ng/ul	1974250	6	23.24	3091790	20.0