LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010531.D
Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

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-BN040920MA.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	2.887	12	17	25	rBV	347054	712171	2.84%	0.190%
2	2.958	25	29	51	rVB	1126383	1987922	7.92%	0.532%
3	6.781	672	679	694	rVB	2668683	4265980	16.99%	1.141%
4	6.940	698	706	717	rBV	2106844	3342193	13.31%	0.894%
5	7.140	731	740	752	rBV	2920046	4757918	18.95%	1.273%
6	7.599	810	818	826	rBV	1920174	3077984	12.26%	0.823%
7	8.299	930	937	949	rBV	3643904	5598244	22.29%	1.497%
8	8.734	1003	1011	1020	rBV	2812416	4418036	17.59%	1.182%
9	9.446	1123	1132	1141	rBV	2304228	3822045	15.22%	1.022%
10	9.981	1216	1223	1235	rBV	3922406	6431286	25.61%	1.720%
11	10.357	1279	1287	1292	rBV	2877134	4720370	18.80%	1.262%
12	10.405	1292	1295	1302	rVB	390783	570863	2.27%	0.153%
13	10.487	1302	1309	1323	rBV	2693347	4710089	18.76%	1.260%
14	12.022	1563	1570	1582	rVB	395674	620930	2.47%	0.166%
15	12.246	1597	1608	1615	rVB	320958	514150	2.05%	0.138%
16	13.540	1820	1828	1833	rBV	373552	655381	2.61%	0.175%
17	13.640	1840	1845	1850	rVV	6812232	9451459	37.63%	2.528%
18	13.910	1884	1891	1904	rVV	7975382	12254678	48.80%	3.278%
19	14.222	1936	1944	1950	rVV	4542792	6793237	27.05%	1.817%
20	14.287	1950	1955	1963	rVV	1167683	1776857	7.08%	0.475%
21	14.428	1972	1979	1990	rVV	2921320	4648403	18.51%	1.243%
22	14.622	2002	2012	2021	rVV	1111970	1887203	7.51%	0.505%
23	15.222	2107	2114	2119	rVV	10245494	14808224	58.96%	3.961%
24	15.275	2119	2123	2128	rVV	1787588	2468811	9.83%	0.660%
25	15.345	2128	2135	2142	rVV	2865961	4136969	16.47%	1.106%
26	15.440	2148	2151	2157	rVV3	344540	686916	2.74%	0.184%
27	15.575	2169	2174	2184	rVB	547227	873233	3.48%	0.234%
28	15.722	2192	2199	2207	rVB	567317	1190068	4.74%	0.318%
29	16.281	2284	2294	2299	rBV3	412104	951151	3.79%	0.254%
30	16.328	2299	2302	2308	rVV	293172	417720	1.66%	0.112%
31	16.516	2331	2334	2337	rVV3	311135	450518	1.79%	0.120%
32	16.551	2337	2340	2344	rVV3	326308	498860	1.99%	0.133%
33	16.628	2348	2353	2361	rVB2	433318	810924	3.23%	0.217%
34	16.710	2361	2367	2373	rBV2	398490	791102	3.15%	0.212%

LSC Area Percent Report

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Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

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-BN040920MA.M
Title : SVOA CALIBRATION

35	16.787	2373	2380	2385	rVB	688361	992009	3.95%	0.265%
36	16.969	2405	2411	2415	rVV	5532640	8271531	32.94%	2.212%
37	17.016	2415	2419	2424	rVV	13816087	18708914	74.50%	5.004%
38	17.069	2424	2428	2432	rVV	10787909	15941408	63.48%	4.264%
39	17.104	2432	2434	2440	rVB	3140903	3473308	13.83%	0.929%
40	17.369	2475	2479	2484	rBV	952907	1348877	5.37%	0.361%
41	17.551	2504	2510	2520	rVB4	326157	588041	2.34%	0.157%
42	17.845	2551	2560	2564	rBV	2032323	2921542	11.63%	0.781%
43	17.892	2564	2568	2576	rVB	2795280	3906990	15.56%	1.045%
44	17.975	2576	2582	2587	rBV	992595	1388821	5.53%	0.371%
45	18.039	2587	2593	2597	rBV2	2498749	4442240	17.69%	1.188%
46	18.075	2597	2599	2607	rVB	1410301	1761242	7.01%	0.471%
47	18.351	2642	2646	2650	rVV	1287759	1728748	6.88%	0.462%
48	18.386	2650	2652	2658	rVB3	414912	533778	2.13%	0.143%
49	18.604	2684	2689	2693	rVV	532045	804614	3.20%	0.215%
50	18.651	2693	2697	2700	rVV	533622	700939	2.79%	0.187%
51	18.692	2700	2704	2708	rVB	441100	562658	2.24%	0.150%
52	18.775	2708	2718	2723	rBV	1297989	2303032	9.17%	0.616%
53	18.839	2723	2729	2732	rVV3	829661	1687556	6.72%	0.451%
54	18.869	2732	2734	2737	rVV	500542	526067	2.09%	0.141%
55	18.910	2737	2741	2750	rVB2	720208	1440590	5.74%	0.385%
56	19.039	2757	2763	2771	rVB	14794025	19494440	77.62%	5.214%
57	19.281	2800	2804	2809	rVV2	530786	854089	3.40%	0.228%
58	19.375	2814	2820	2823	rVV2	15610239	25113665	100.00%	6.717%
59	19.404	2823	2825	2833	rVV	12694029	13645397	54.33%	3.650%
60	19.475	2833	2837	2845	rVB2	748215	1474697	5.87%	0.394%
61	19.581	2851	2855	2863	rVB	915542	1241726	4.94%	0.332%
62	19.733	2875	2881	2892	rVB3	1087803	2639377	10.51%	0.706%
63	19.863	2899	2903	2906	rBV3	886601	1516278	6.04%	0.406%
64	19.904	2906	2910	2915	rVB	2439115	3376614	13.45%	0.903%
65	20.004	2922	2927	2931	rBV2	1714553	1976605	7.87%	0.529%
66	20.057	2931	2936	2941	rBV2	1689456	2636646	10.50%	0.705%
67	20.145	2947	2951	2955	rVB	403462	525768	2.09%	0.141%
68	20.198	2956	2960	2964	rBV	808856	988329	3.94%	0.264%
69	20.245	2964	2968	2973	rBV3	896915	1356438	5.40%	0.363%
70	20.457	3001	3004	3007	rBV3	363583	528479	2.10%	0.141%
71	20.504	3008	3012	3014	rVV2	446025	709513	2.83%	0.190%

LSC Area Percent Report

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Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

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-BN040920MA.M
Title : SVOA CALIBRATION

72	20.533	3014	3017	3021	rVV	410929	647068	2.58%	0.173%
73	20.622	3028	3032	3034	rVV3	342059	577694	2.30%	0.155%
74	20.651	3034	3037	3044	rVB	891344	1510510	6.01%	0.404%
75	20.816	3059	3065	3069	rBV3	1053363	1926726	7.67%	0.515%
76	20.857	3069	3072	3075	rVV	1309339	1532442	6.10%	0.410%
77	20.892	3075	3078	3080	rVV	846300	1082911	4.31%	0.290%
78	20.916	3080	3082	3085	rVV2	776174	1129086	4.50%	0.302%
79	20.945	3085	3087	3095	rVB	798680	1096196	4.36%	0.293%
80	21.057	3100	3106	3113	rBV3	381144	1036116	4.13%	0.277%
81	21.163	3118	3124	3129	rBV2	9891966	20174316	80.33%	5.396%
82	21.210	3129	3132	3142	rVB	6543100	8267874	32.92%	2.211%
83	21.328	3149	3152	3155	rBV	595649	720569	2.87%	0.193%
84	21.480	3174	3178	3184	rBV2	786534	1188173	4.73%	0.318%
85	21.663	3206	3209	3212	rBV	455699	625983	2.49%	0.167%
86	21.716	3213	3218	3222	rBV	1431765	1938676	7.72%	0.519%
87	21.769	3223	3227	3228	rBV	717065	850144	3.39%	0.227%
88	21.863	3240	3243	3247	rVB2	530924	643371	2.56%	0.172%
89	21.904	3247	3250	3253	rVV	719296	959558	3.82%	0.257%
90	21.939	3253	3256	3261	rVB2	631783	845292	3.37%	0.226%
91	22.239	3303	3307	3312	rVB2	869623	1211497	4.82%	0.324%
92	22.704	3379	3386	3402	rBV2	4099891	15371745	61.21%	4.111%
93	22.863	3409	3413	3419	rVB	871073	1285251	5.12%	0.344%
94	23.157	3458	3463	3467	rBV	2129950	3899062	15.53%	1.043%
95	23.210	3467	3472	3476	rVV	8642031	15241842	60.69%	4.076%
96	23.257	3476	3480	3487	rVB	3532423	6919537	27.55%	1.851%
97	23.345	3488	3495	3500	rBV	4179601	7632061	30.39%	2.041%
98	23.892	3583	3588	3595	rVB	1430540	2692949	10.72%	0.720%
99	25.486	3854	3859	3867	rVB	1524791	3779684	15.05%	1.011%
100	26.139	3964	3970	3979	rVB2	759589	1897333	7.55%	0.507%

Sum of corrected areas: 373896527

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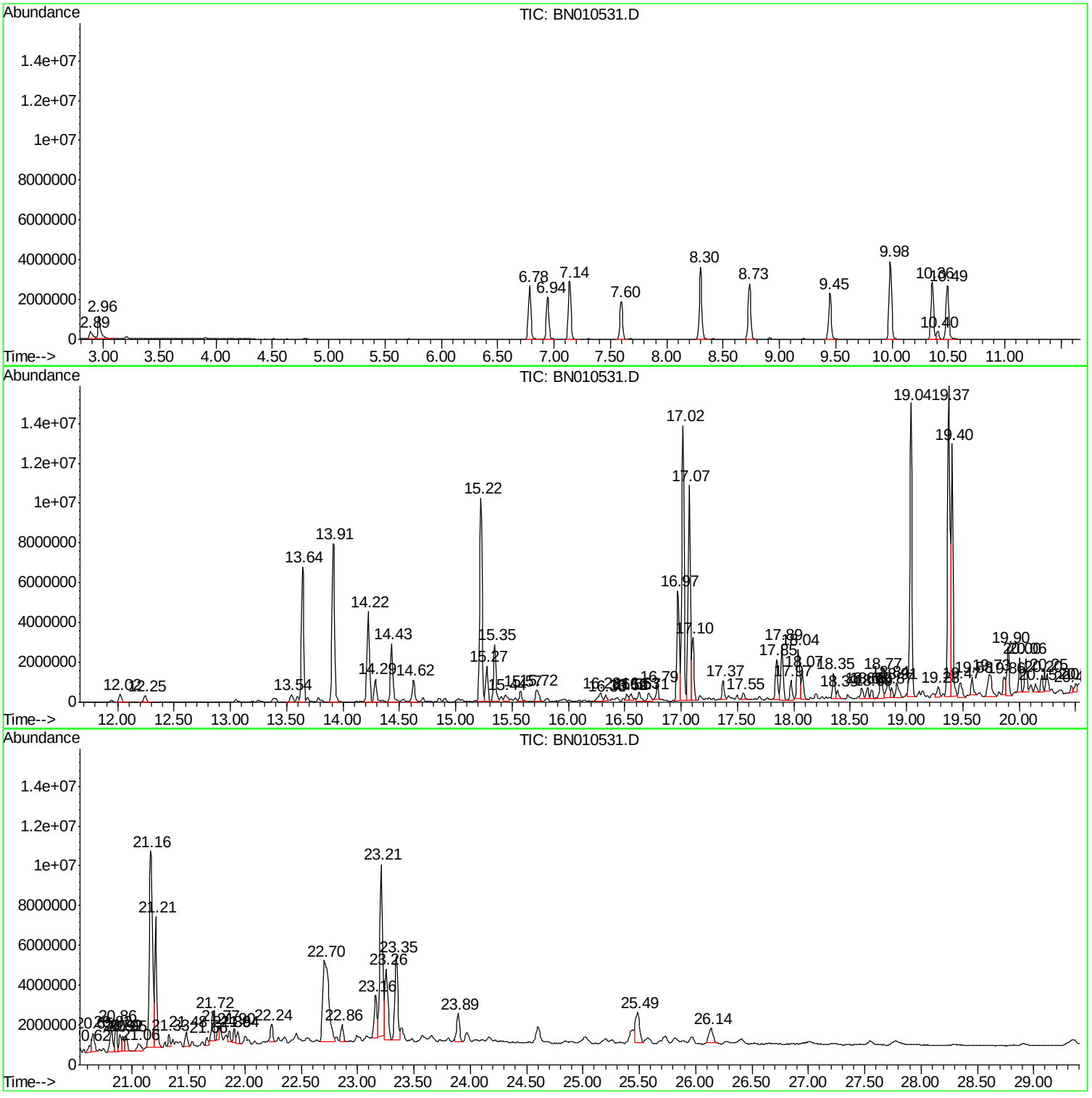
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

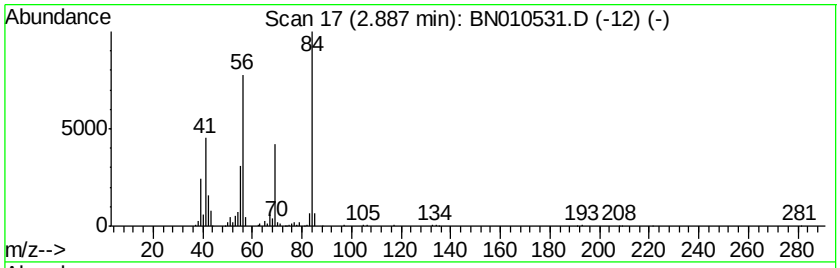
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

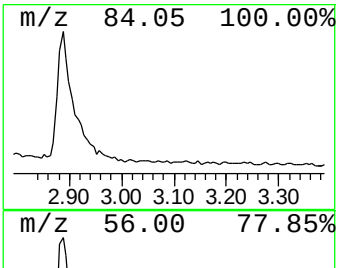
****

Peak Number 1 (DEL) Alkane: Cyclic2.89 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	4.63 ng/ul	712171	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	90
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclohexane	84	C6H12	000110-82-7	83
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Pyridine-D5-	84	C5D5N	007291-22-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
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Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

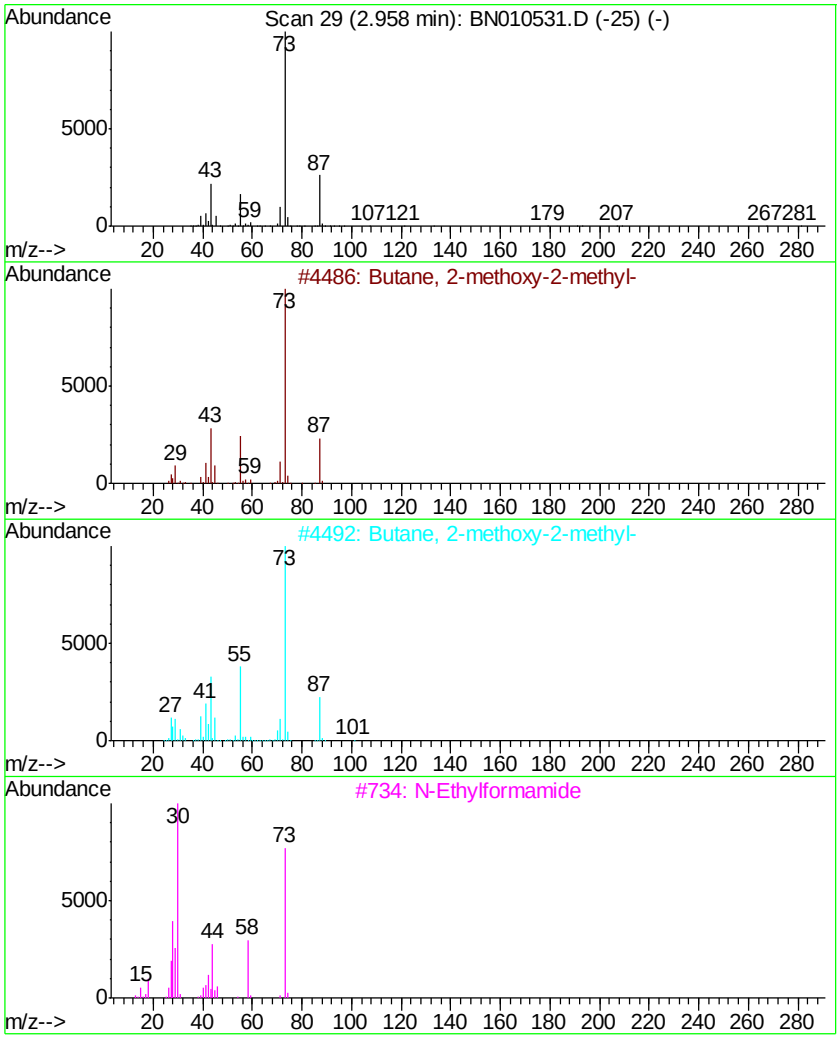
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

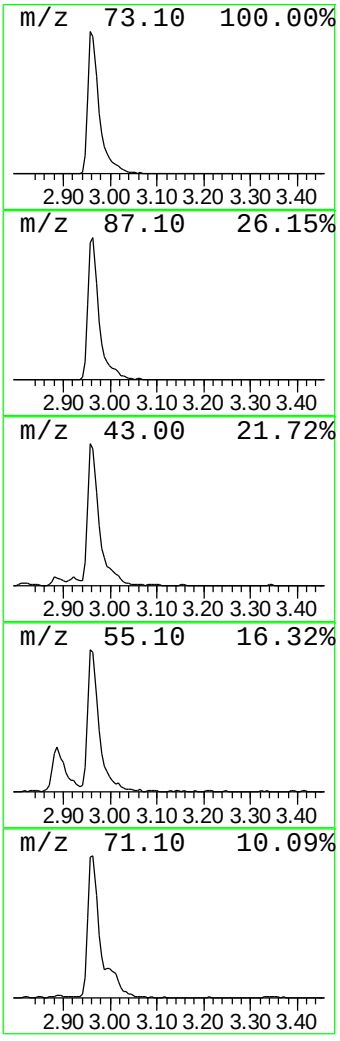
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	12.92 ng/ul	1987920	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9





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Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

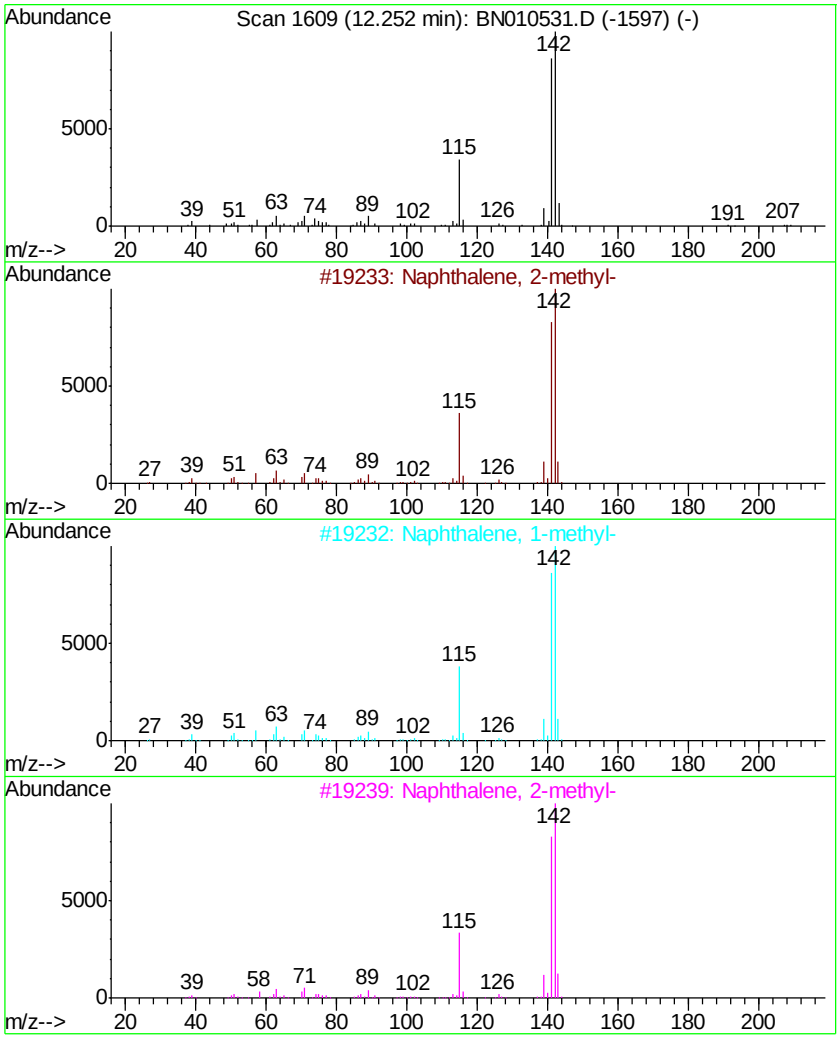
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

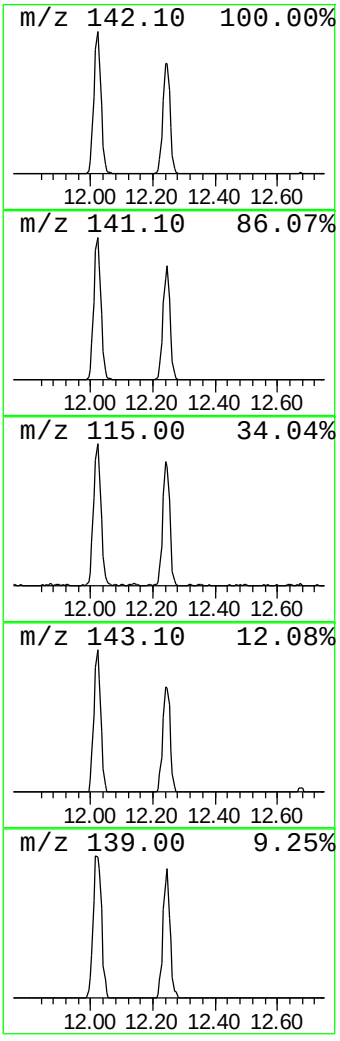
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.18 ng/ul	514150	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010531.D
Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

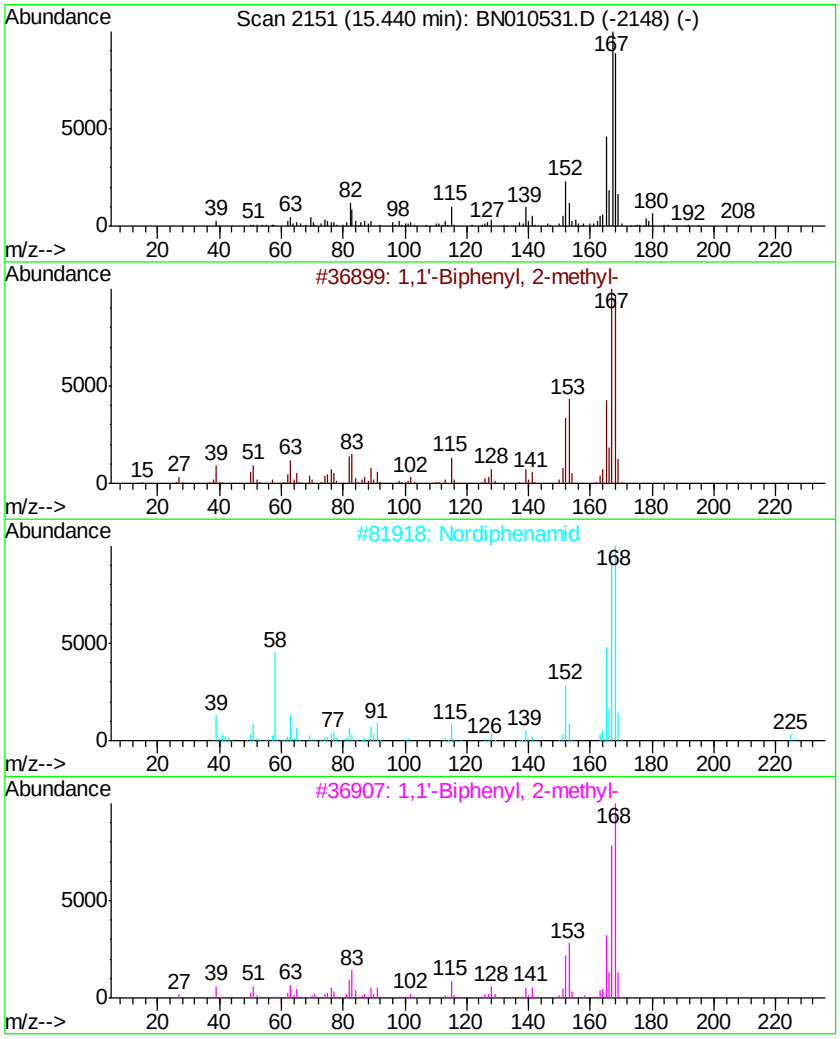
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

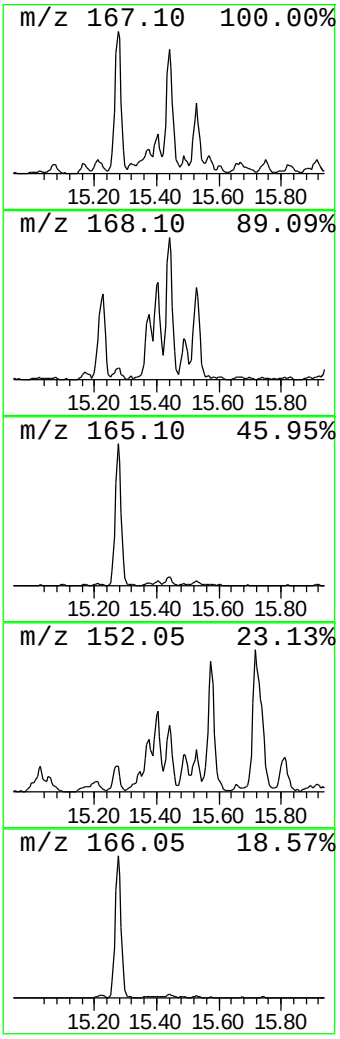
****

Peak Number 4 1,1'-Biphenyl, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.02 ng/ul	686916	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89
2	Nordiphenamid	225	C15H15NO	000954-21-2	83
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
4	Diphenylmethane	168	C13H12	000101-81-5	68
5	Diphenylmethane	168	C13H12	000101-81-5	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041620\
Data File : BN010531.D
Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

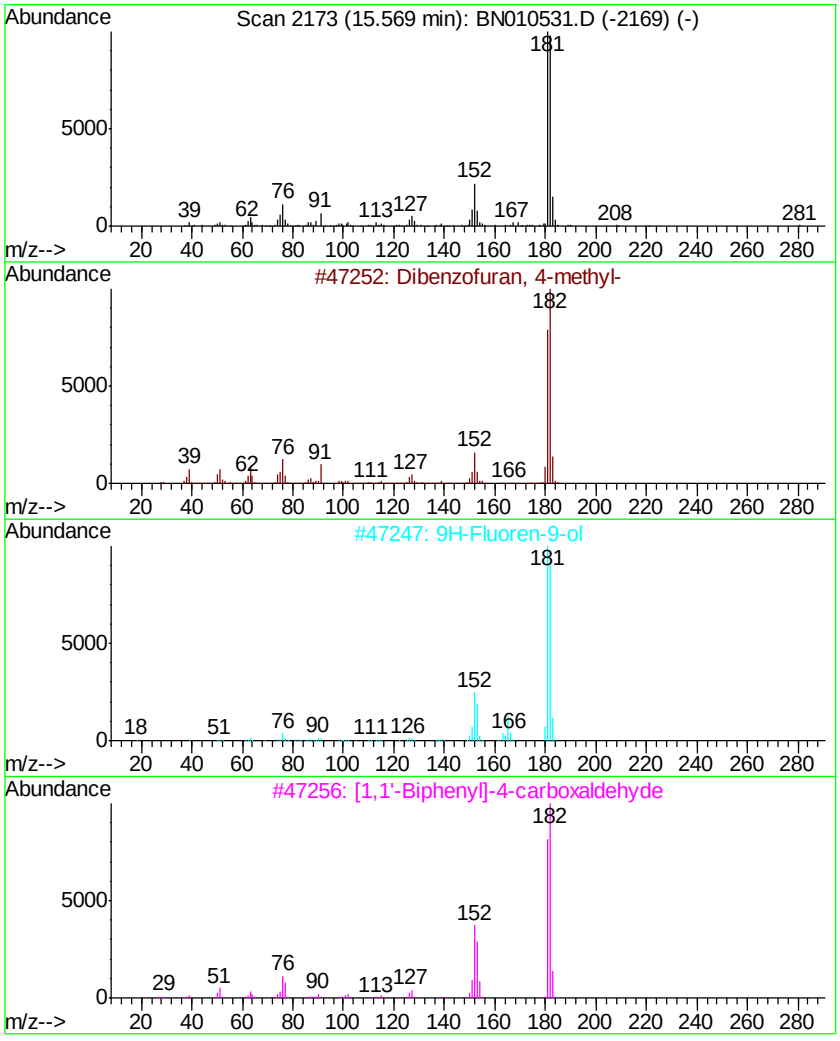
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

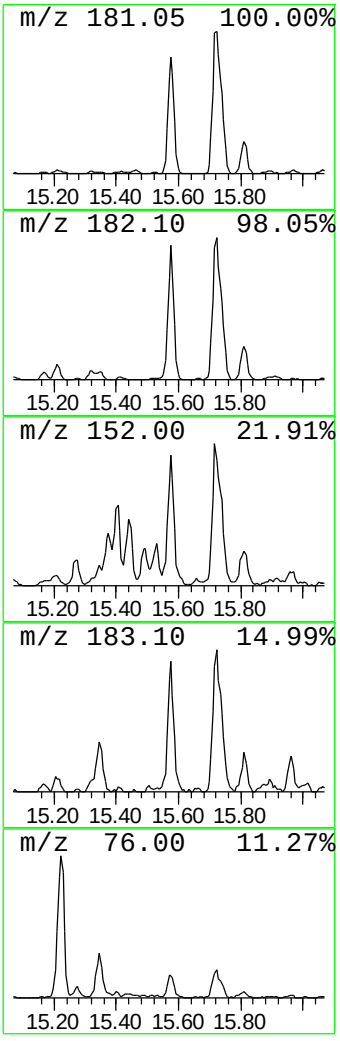
****

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.57 ng/ul	873233	Acenaphthene-d10	14.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	81
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	72





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Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
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Instrument : BNA_N
ClientSampleId : CB7A2

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Quant Title : SVOA CALIBRATION

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

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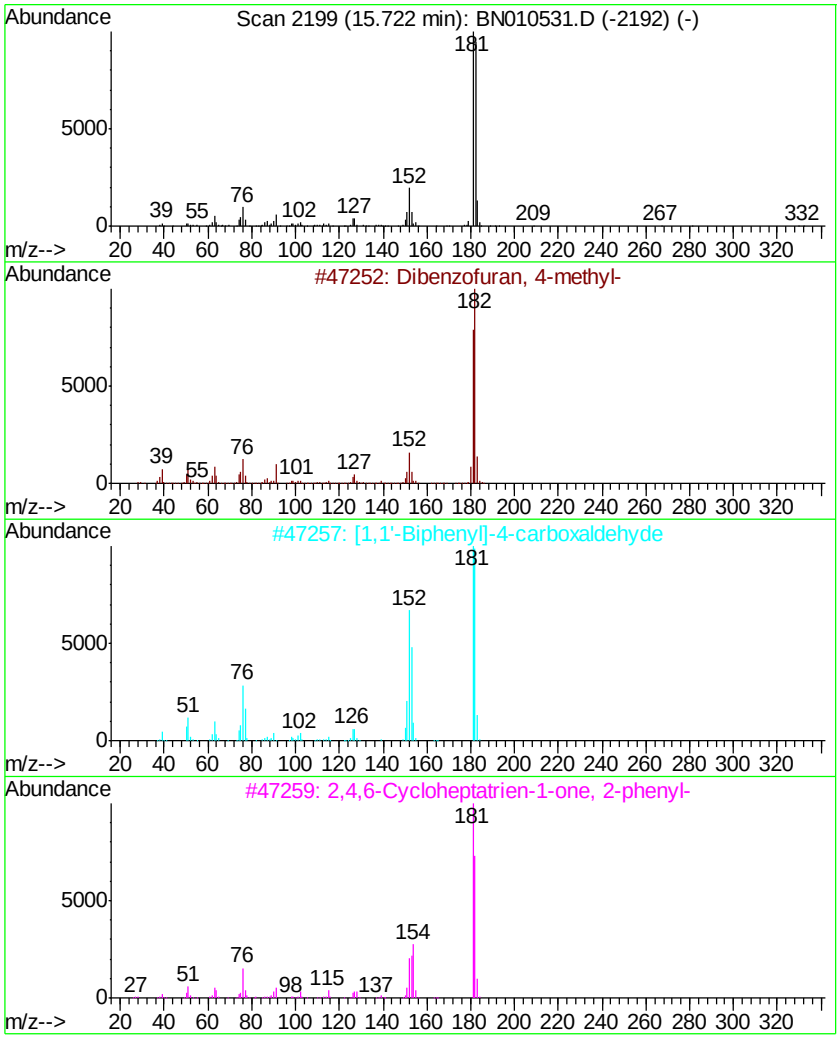
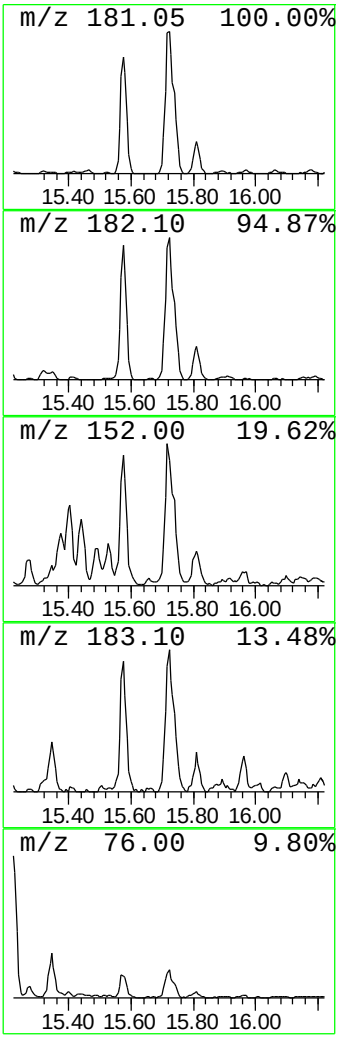
Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	2.88 ng/ul	1190070	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	70





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

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Quant Title : SVOA CALIBRATION

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

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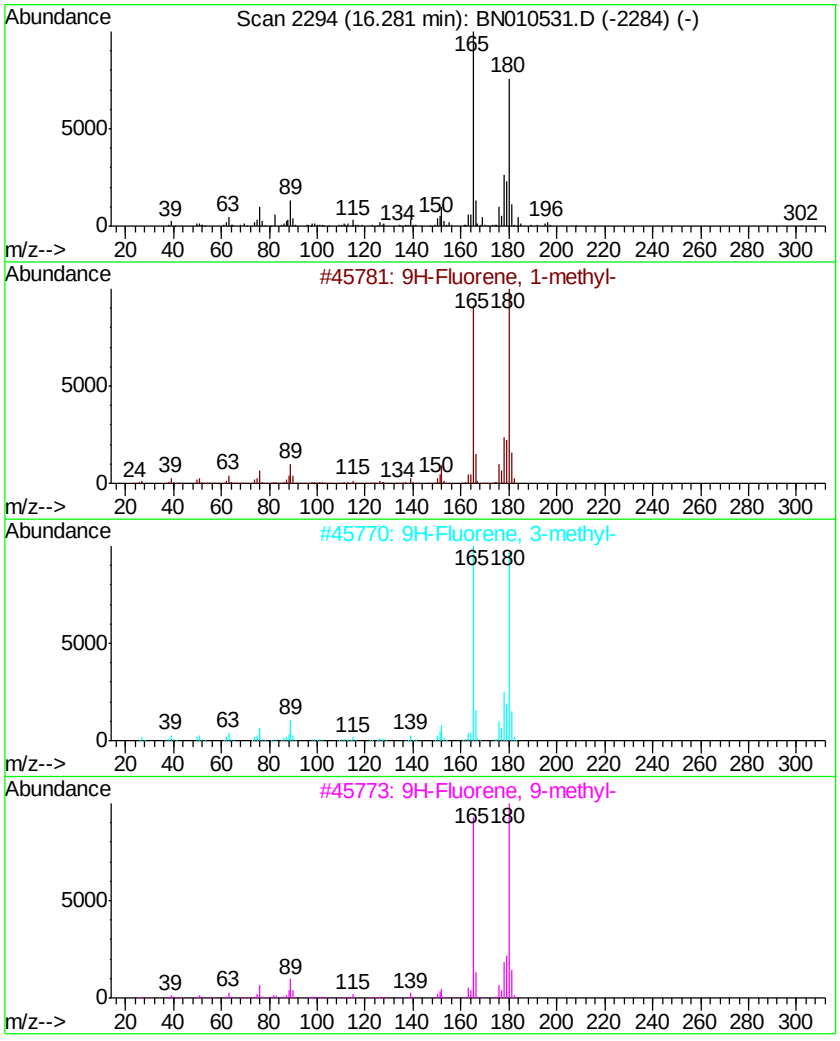
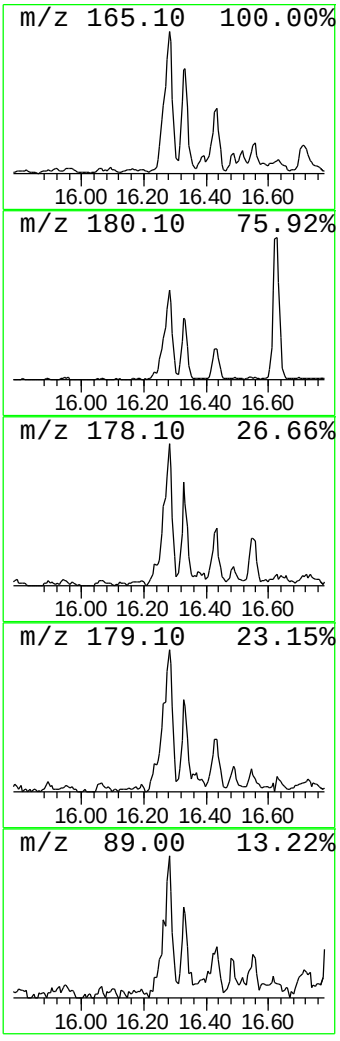
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.30 ng/ul	951151	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90





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Instrument : BNA_N
ClientSampleId : CB7A2

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Quant Title : SVOA CALIBRATION

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

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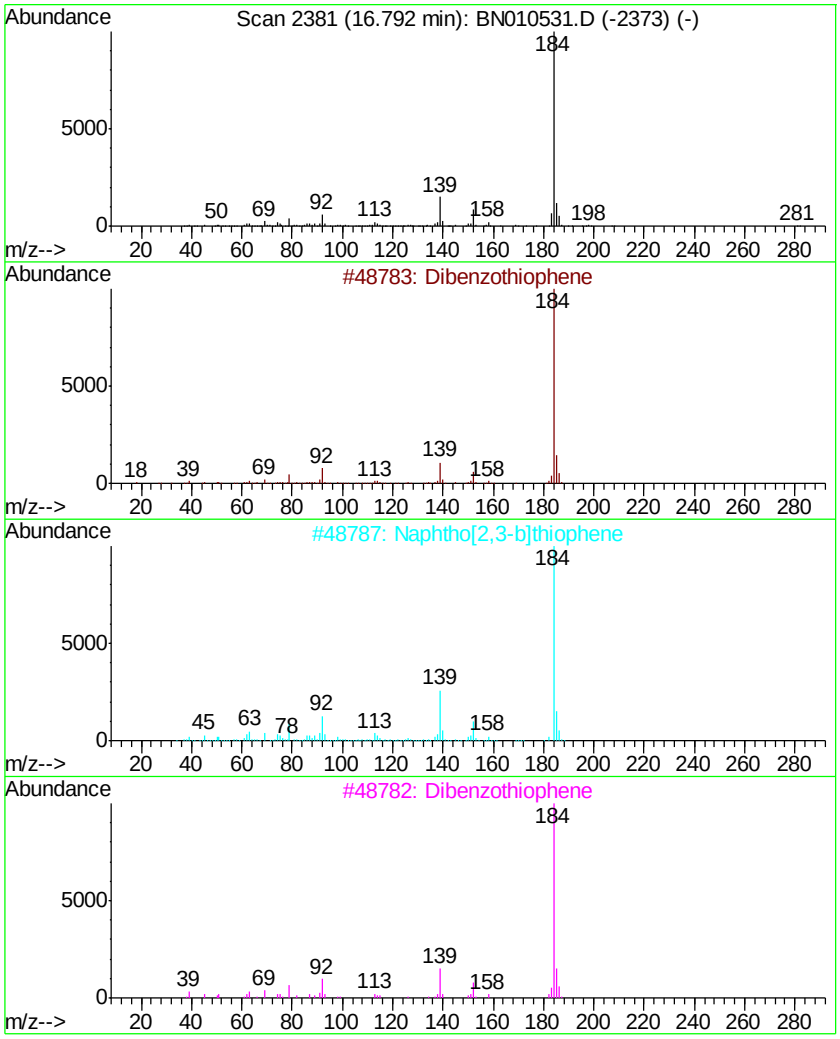
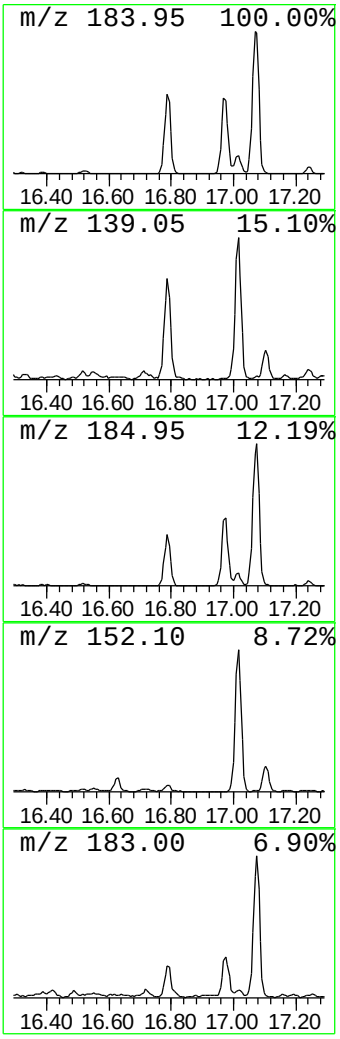
Peak Number 8 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.40 ng/ul	992009	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

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Quant Title : SVOA CALIBRATION

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

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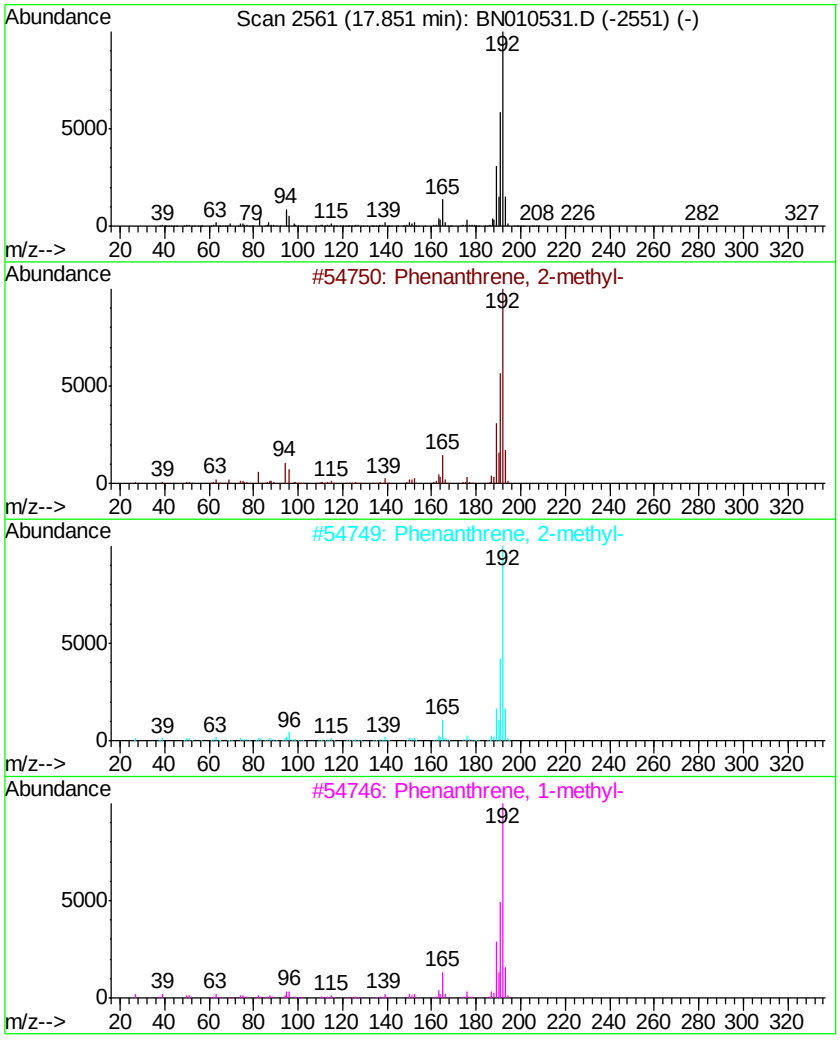
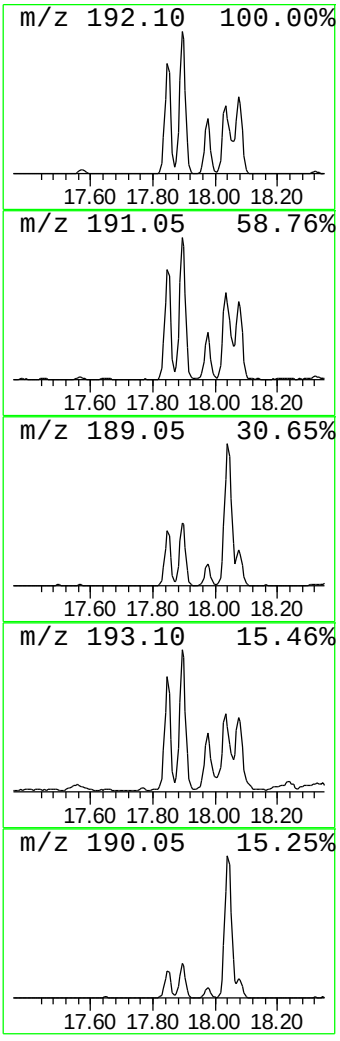
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	7.06 ng/ul	2921540	Phenanthrene-d10	16.97

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Misc :
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Instrument : BNA_N
ClientSampleId : CB7A2

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Quant Title : SVOA CALIBRATION

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

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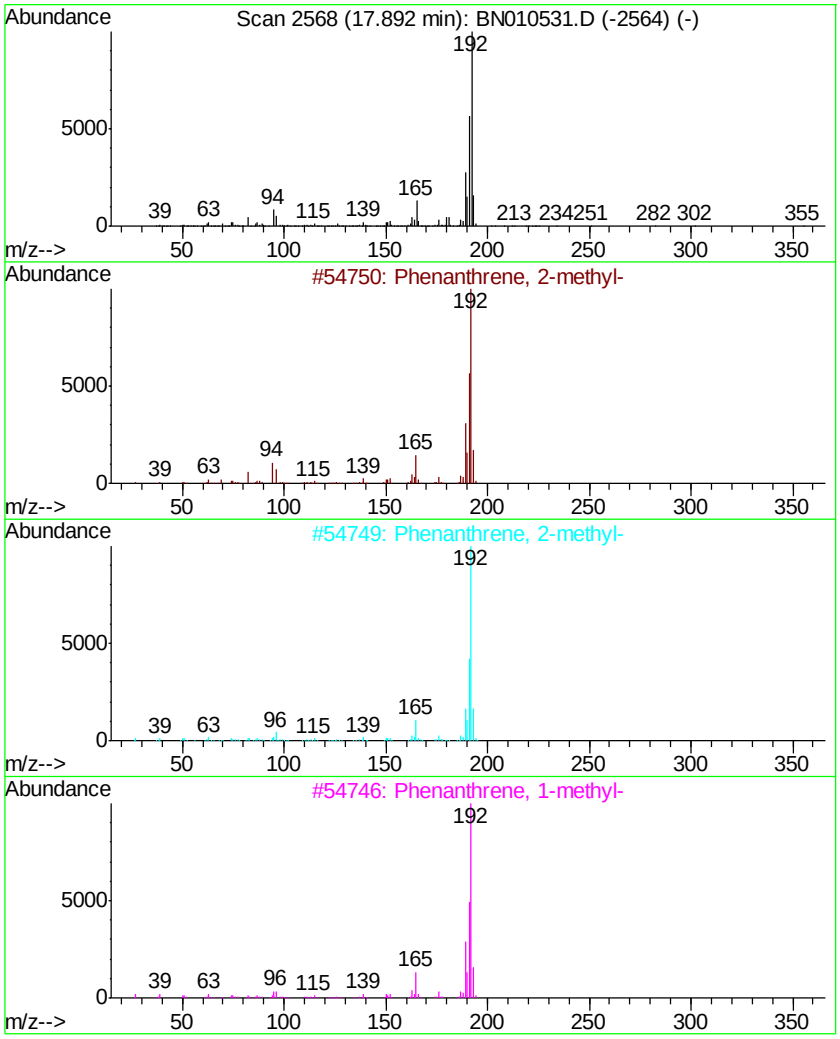
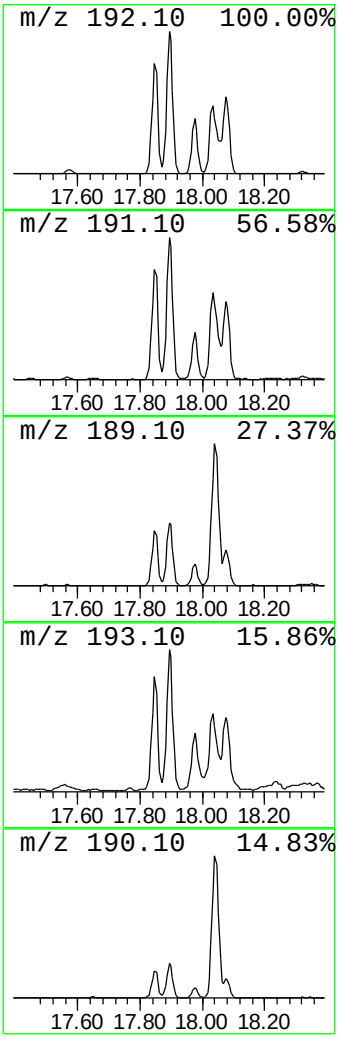
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.45 ng/ul	3906990	Phenanthrene-d10	16.97

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Quant Title : SVOA CALIBRATION

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

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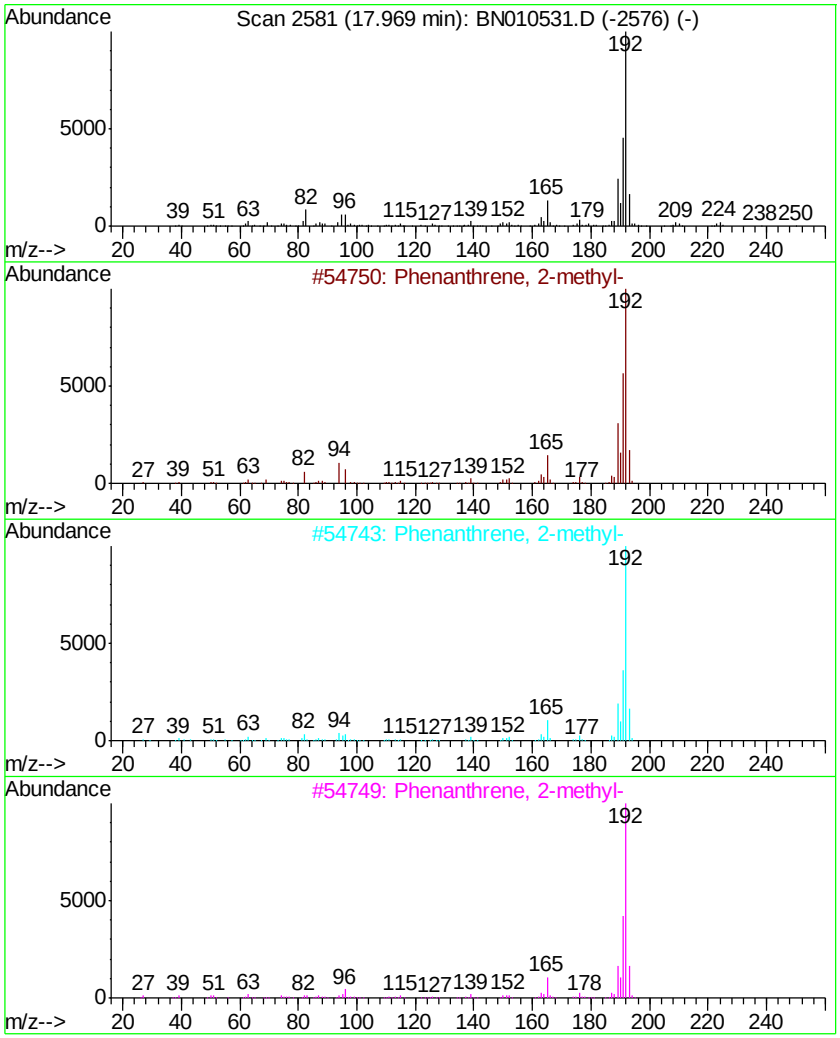
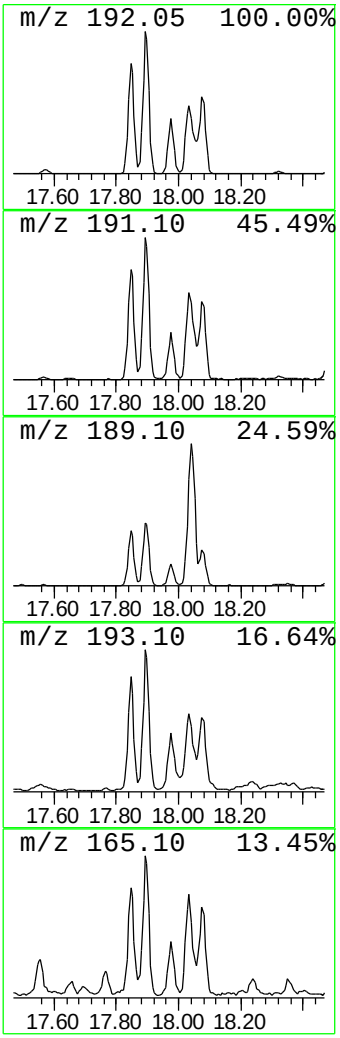
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.36 ng/ul	1388820	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Sample : L2191-09
Misc :
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Instrument : BNA_N
ClientSampleId : CB7A2

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Quant Title : SVOA CALIBRATION

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

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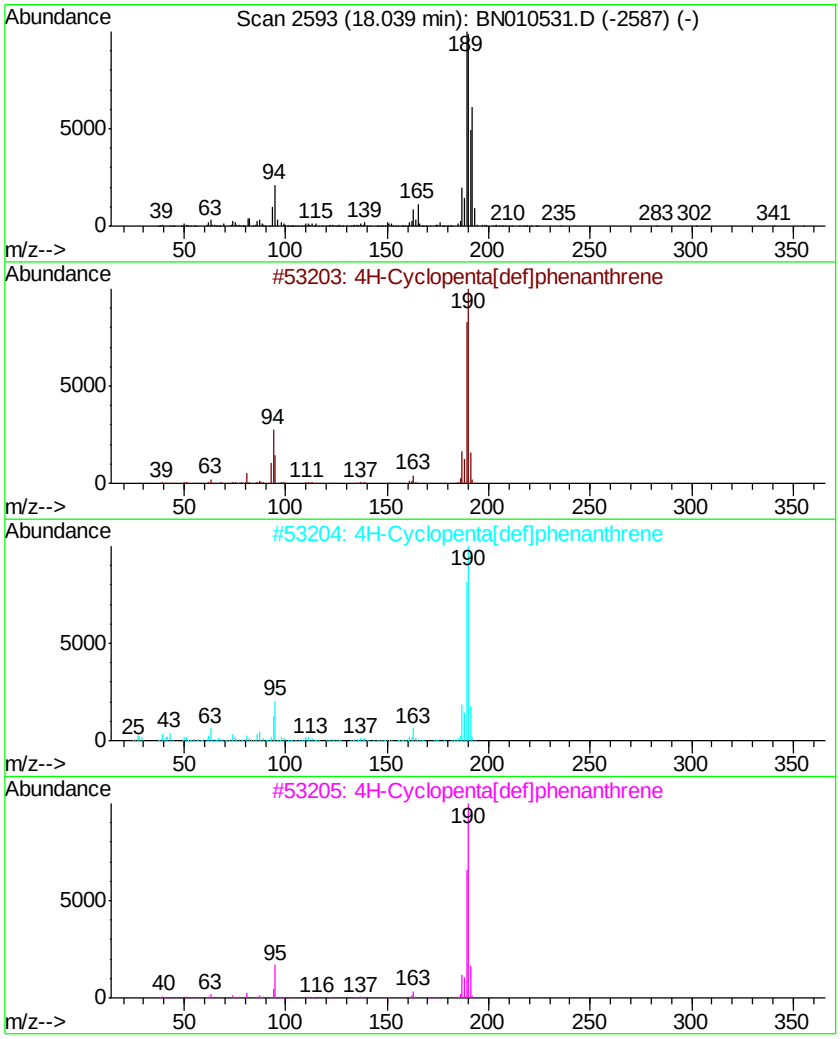
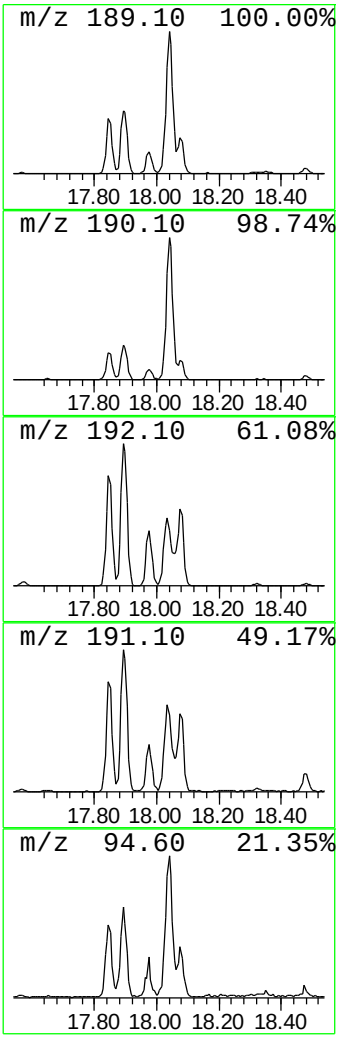
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	10.74 ng/ul	4442240	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	35





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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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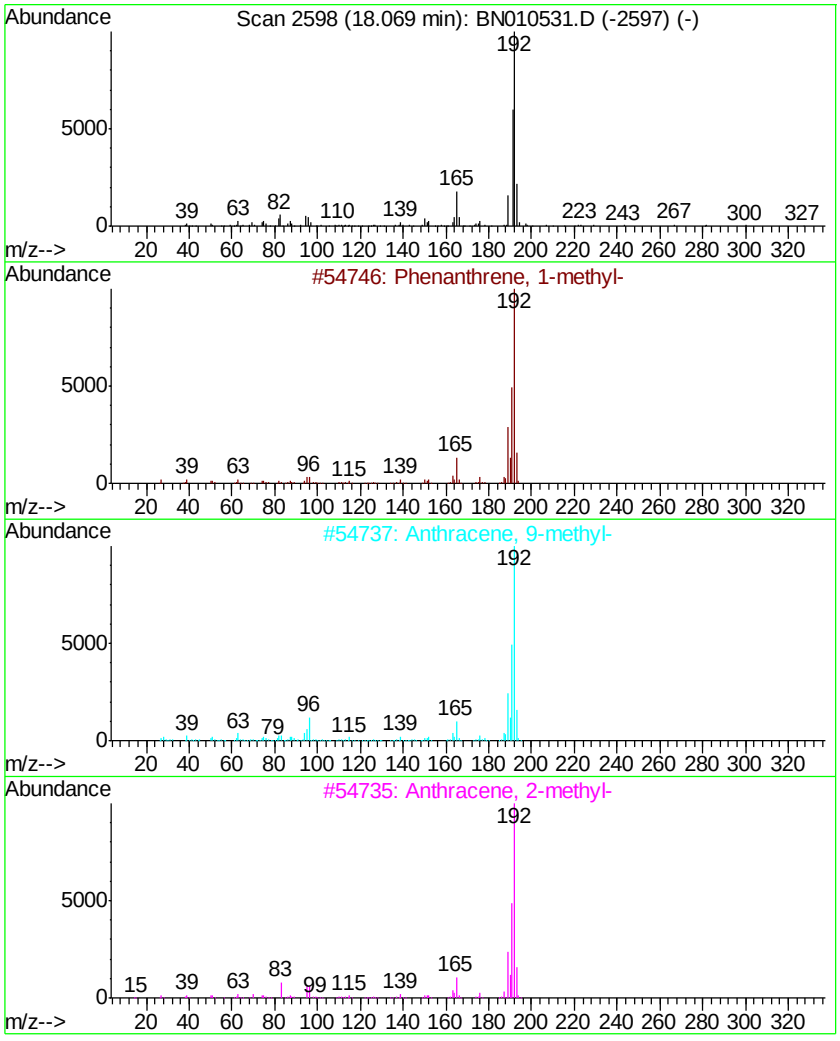
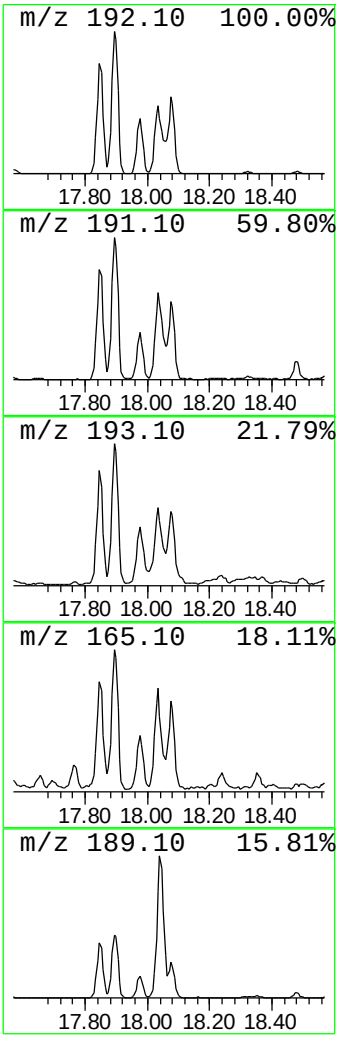
Peak Number 13 Anthracene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.26 ng/ul	1761240	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87





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Quant Title : SVOA CALIBRATION

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

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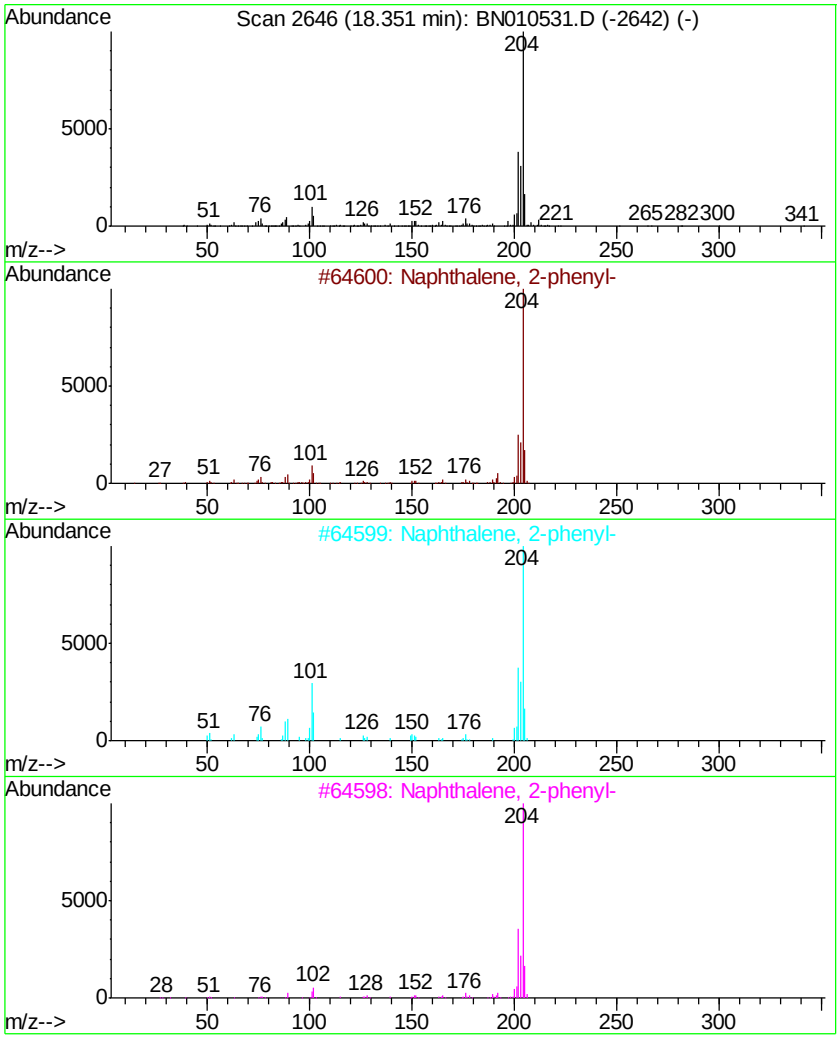
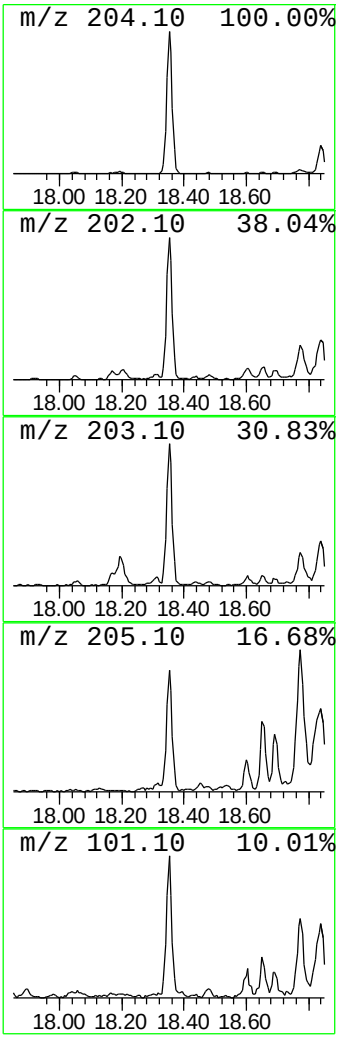
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	4.18 ng/ul	1728750	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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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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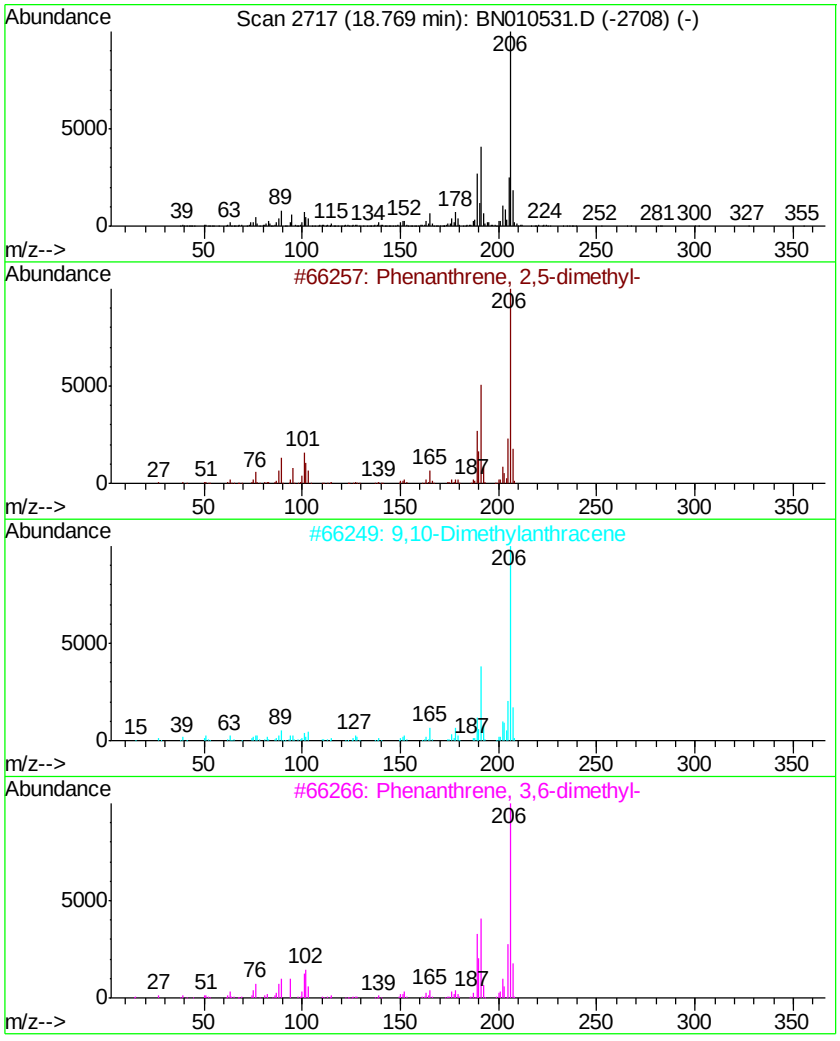
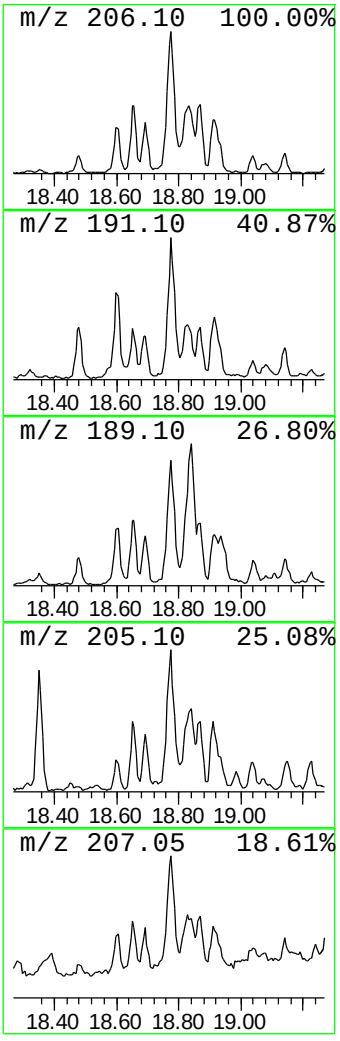
Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	5.57 ng/ul	2303030	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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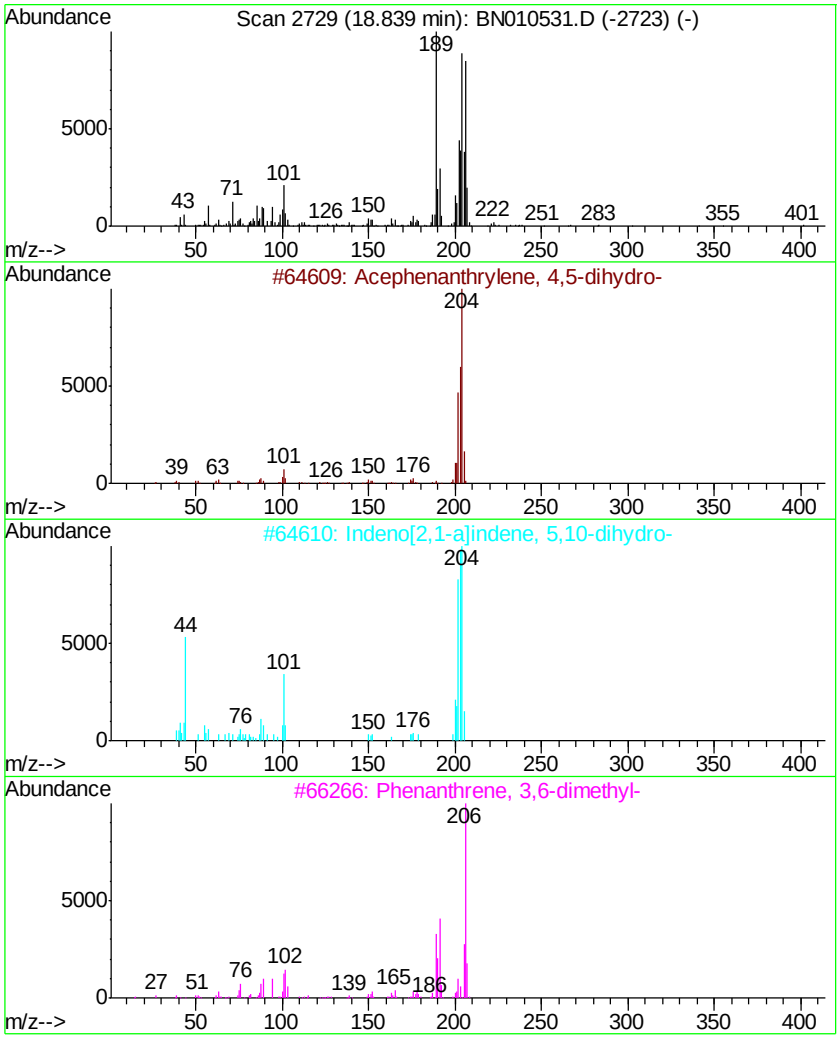
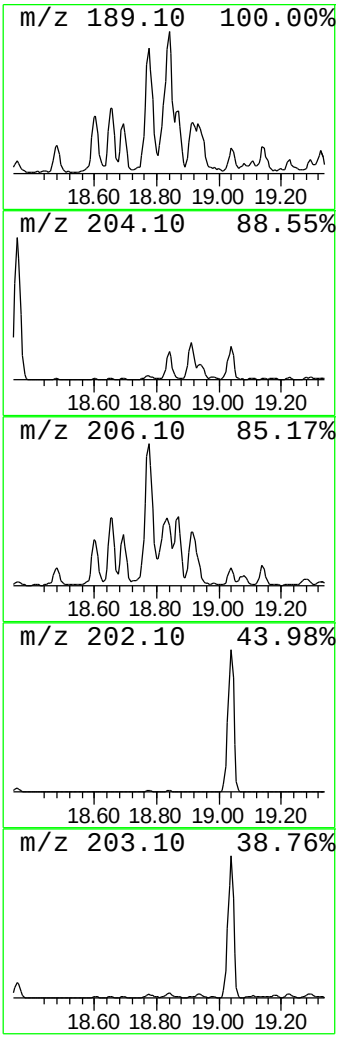
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Acephenanthrylene, 4,5-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	4.08 ng/ul	1687560	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	76
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	45
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	42
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	41
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
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TIC Integration Parameters: LSCINT.P

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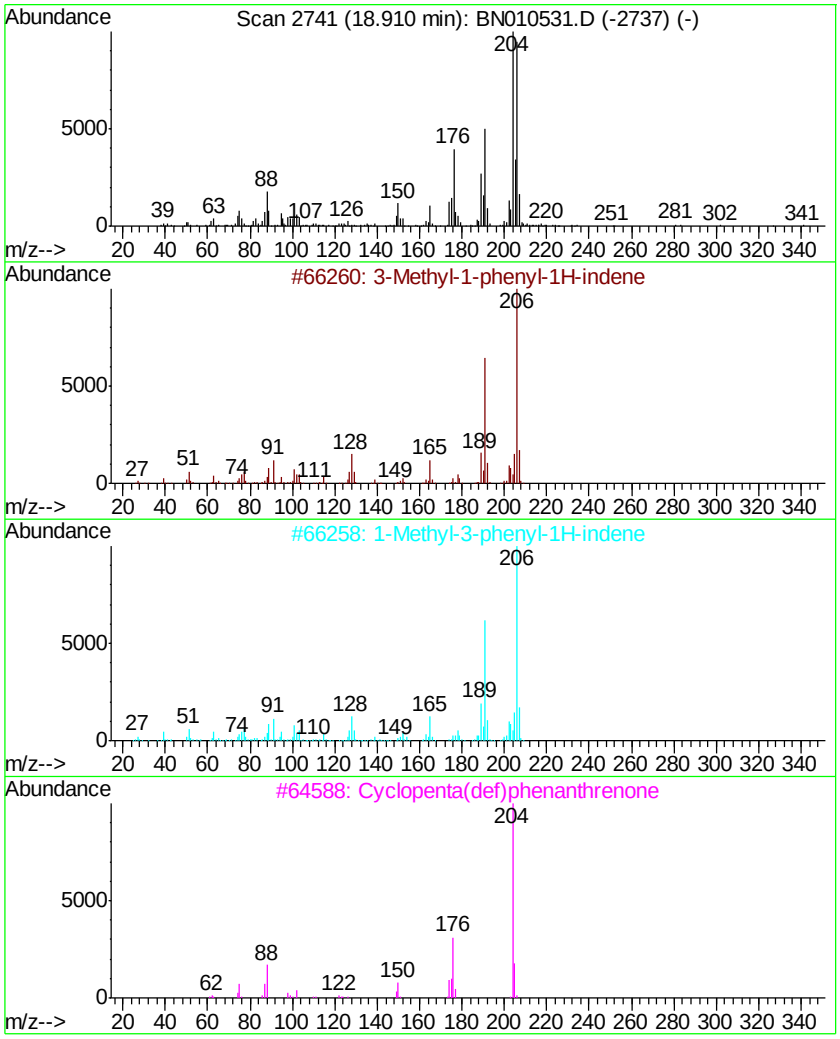
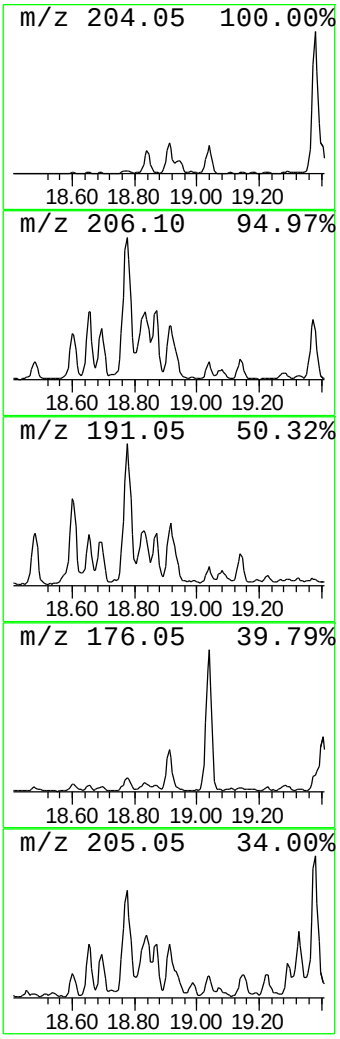
Peak Number 17 3-Methyl-1-phenyl-1H-indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	3.48 ng/ul	1440590	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	86
2	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	86
3	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	86
4	Isocil	246	C8H11BrN2O2	000314-42-1	70
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70





Library Search Compound Report

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Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

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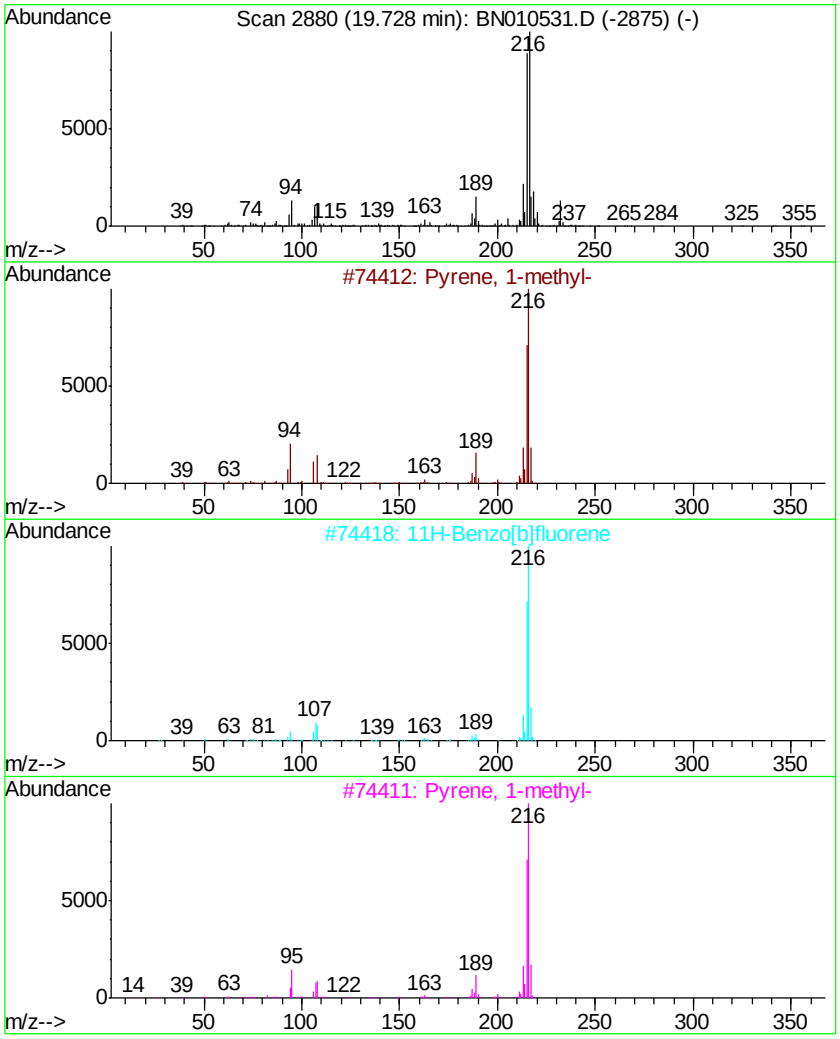
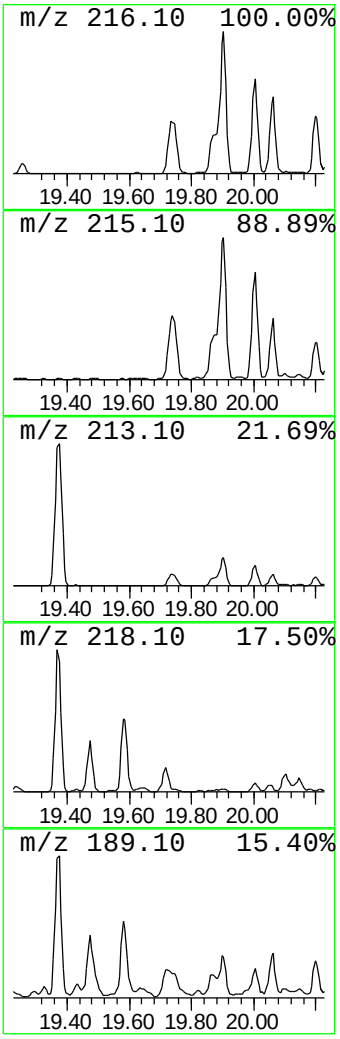
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.73	2.62 ng/ul	2639380	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

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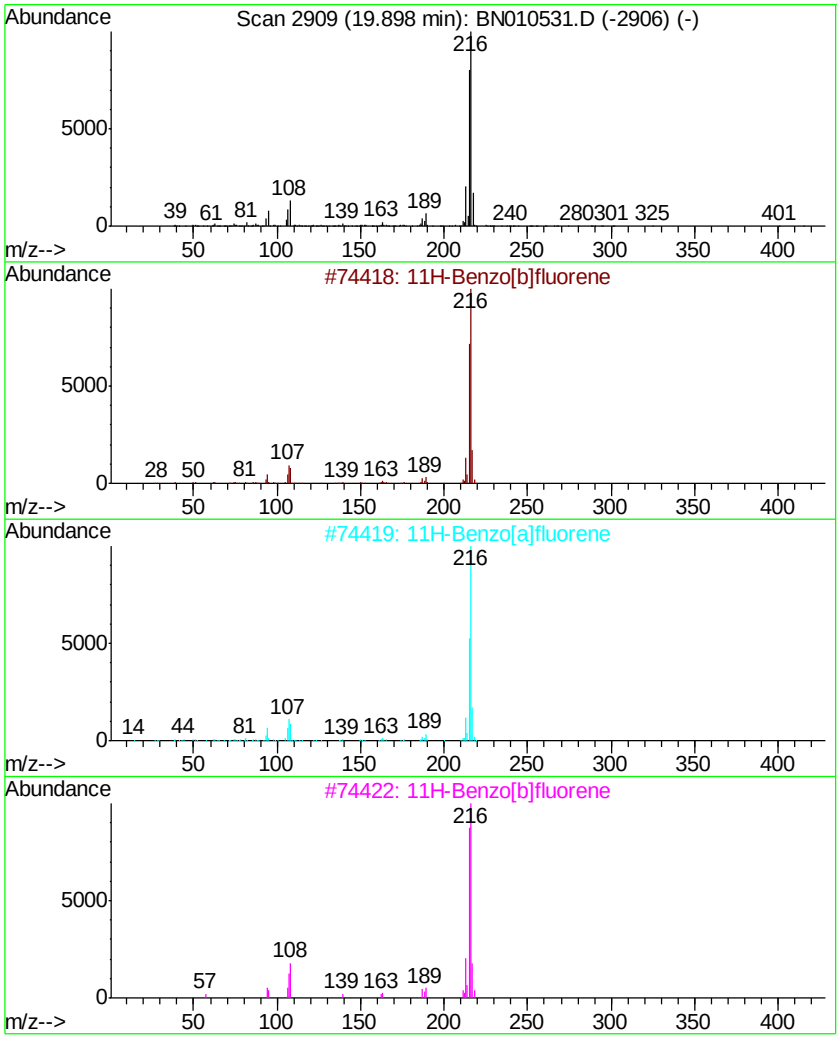
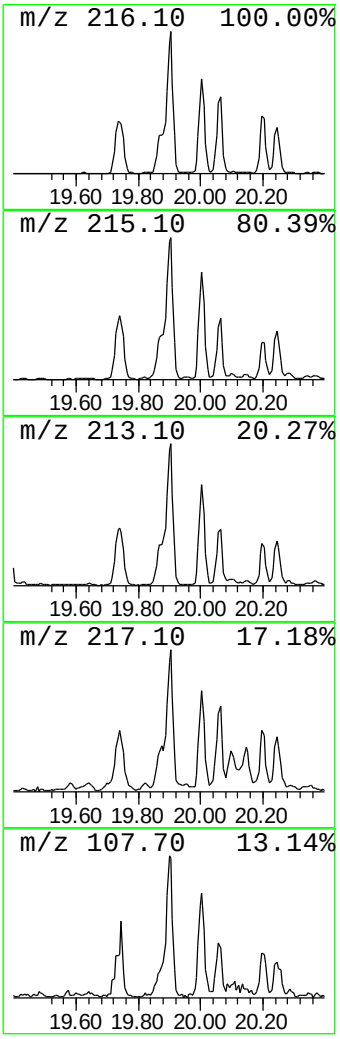
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	3.35 ng/ul	3376610	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

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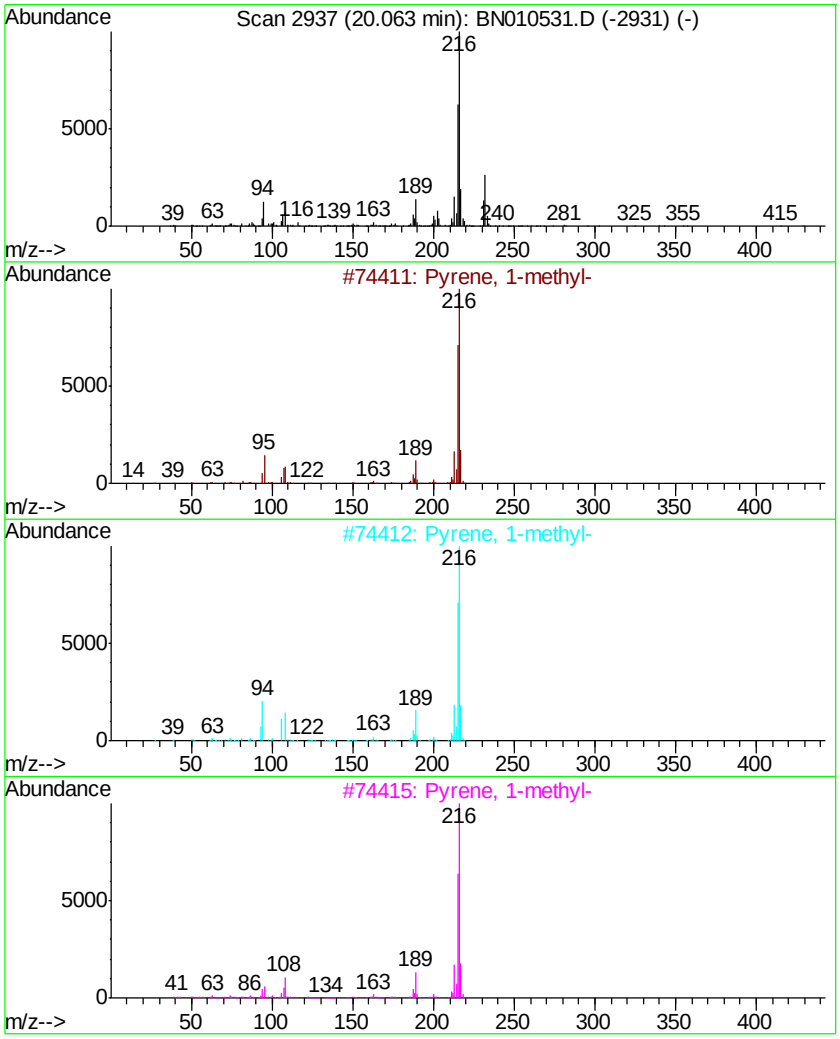
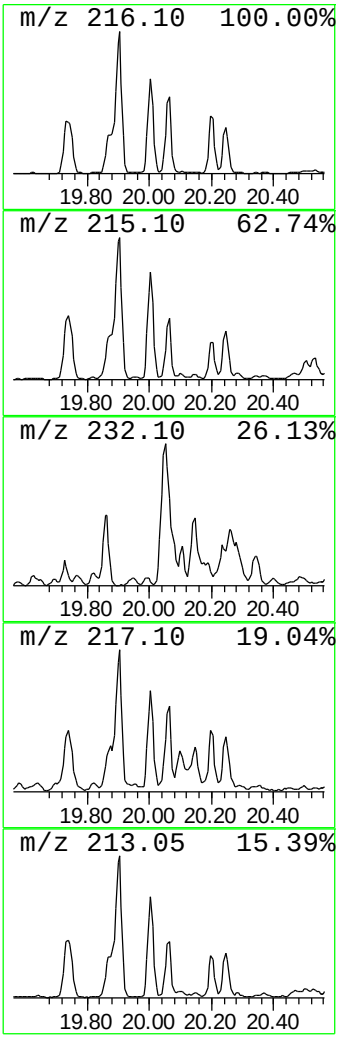
Peak Number 20 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.06	2.61 ng/ul	2636650	Chrysene-d12	21.17

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	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87





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Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

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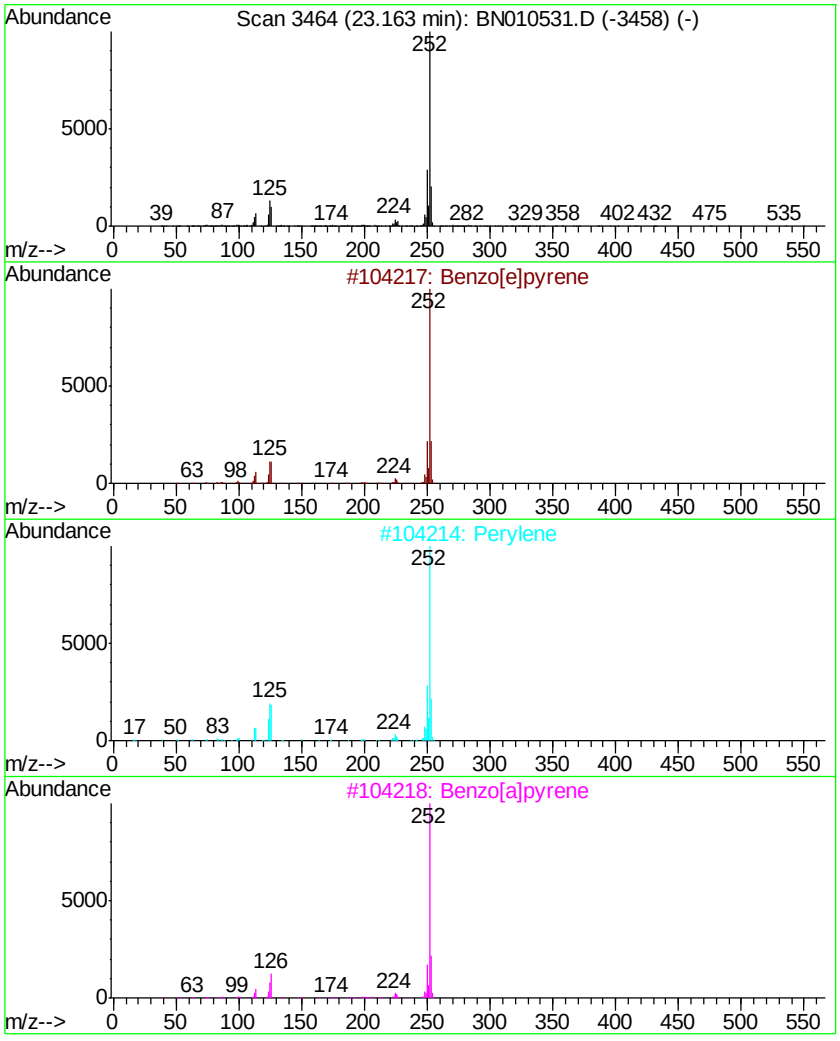
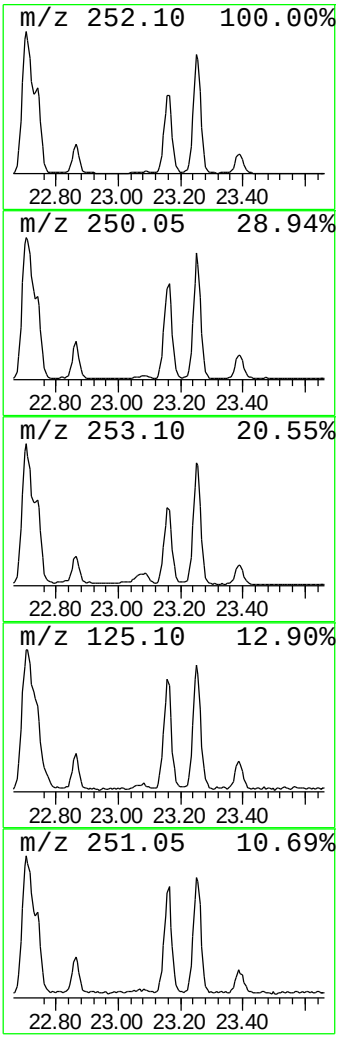
Peak Number 22 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	10.22 ng/ul	3899060	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

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Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION

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

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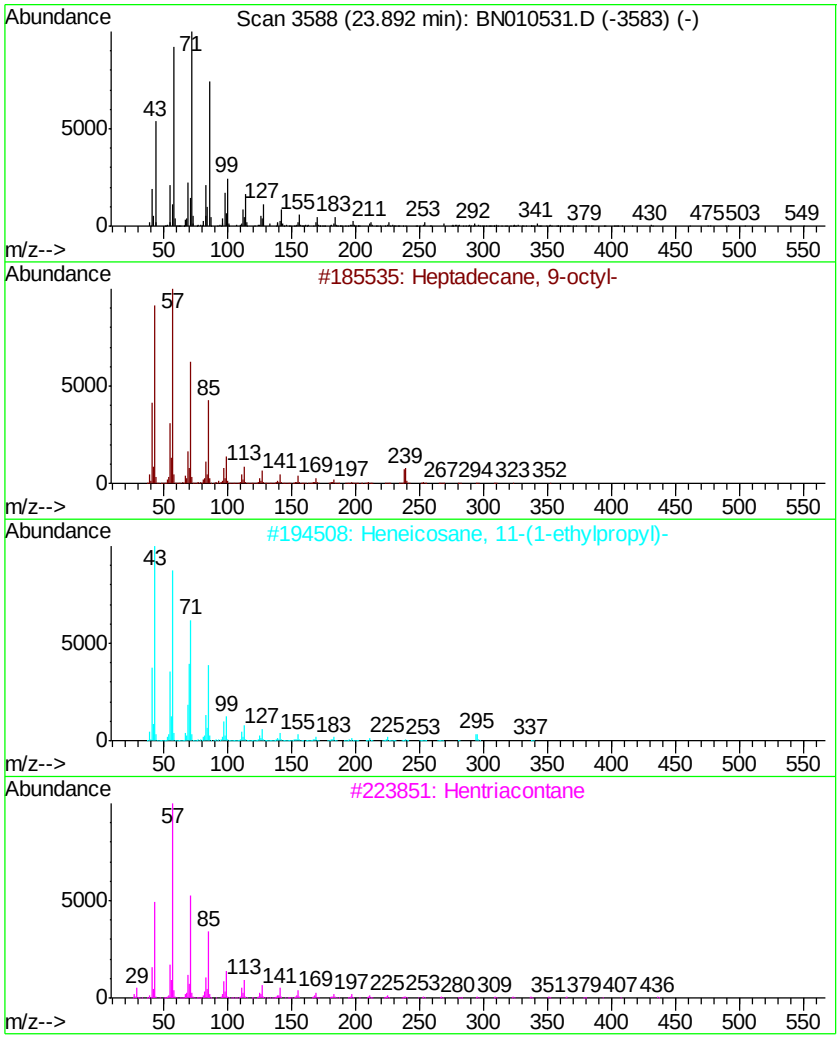
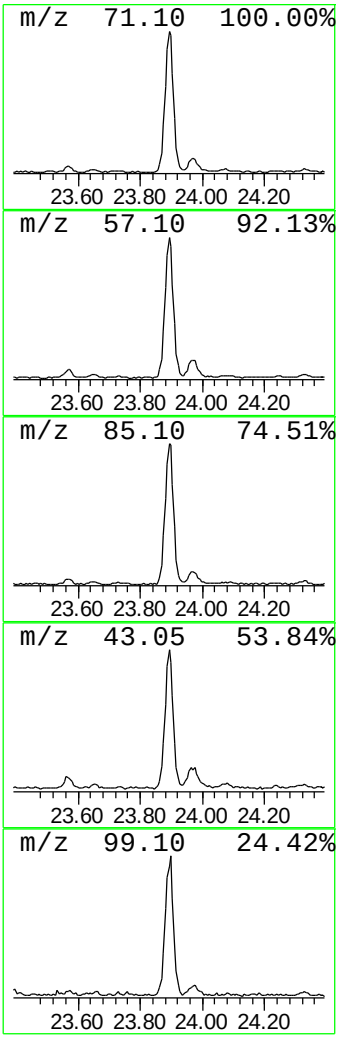
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	7.06 ng/ul	2692950	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	96
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	2-methylhexacosane	380	C27H56	1000376-72-7	90
5	Heptacosane	380	C27H56	000593-49-7	87





Tentatively Identified Compound (LSC) summary

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Data File : BN010531.D
Acq On : 17 Apr 2020 00:05
Operator : CG/JU
Sample : L2191-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB7A2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.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
(DEL) Alkane: Cyc...	2.89	4.6	ng/ul	712171	1	7.60	3077980	20.0
Butane, 2-methoxy...	2.96	12.9	ng/ul	1987920	1	7.60	3077980	20.0
Naphthalene, 1-me...	12.25	2.2	ng/ul	514150	2	10.36	4720370	20.0
1,1'-Biphenyl, 2-...	15.44	2.0	ng/ul	686916	3	14.22	6793240	20.0
9H-Fluoren-9-ol	15.57	2.6	ng/ul	873233	3	14.22	6793240	20.0
Dibenzofuran, 4-m...	15.72	2.9	ng/ul	1190070	4	16.97	8271530	20.0
9H-Fluorene, 1-me...	16.28	2.3	ng/ul	951151	4	16.97	8271530	20.0
Dibenzothiophene	16.79	2.4	ng/ul	992009	4	16.97	8271530	20.0
Phenanthrene, 2-m...	17.85	7.1	ng/ul	2921540	4	16.97	8271530	20.0
Phenanthrene, 1-m...	17.89	9.4	ng/ul	3906990	4	16.97	8271530	20.0
Anthracene, 1-met...	17.97	3.4	ng/ul	1388820	4	16.97	8271530	20.0
4H-Cyclopenta[def...	18.04	10.7	ng/ul	4442240	4	16.97	8271530	20.0
Anthracene, 9-met...	18.07	4.3	ng/ul	1761240	4	16.97	8271530	20.0
Naphthalene, 2-ph...	18.35	4.2	ng/ul	1728750	4	16.97	8271530	20.0
Phenanthrene, 2,5...	18.77	5.6	ng/ul	2303030	4	16.97	8271530	20.0
Acephenanthrylene...	18.84	4.1	ng/ul	1687560	4	16.97	8271530	20.0
3-Methyl-1-phenyl...	18.91	3.5	ng/ul	1440590	4	16.97	8271530	20.0
Pyrene, 1-methyl-	19.73	2.6	ng/ul	2639380	5	21.17	20174300	20.0
11H-Benzo[b]fluorene	19.90	3.4	ng/ul	3376610	5	21.17	20174300	20.0
Pyrene, 2-methyl-	20.06	2.6	ng/ul	2636650	5	21.17	20174300	20.0
Benzo[e]pyrene	23.16	10.2	ng/ul	3899060	6	23.34	7632060	20.0
(DEL) Alkane: Str...	23.89	7.1	ng/ul	2692950	6	23.34	7632060	20.0