LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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-BN021220MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.581	606	611	628	rBV	105429	231442	2.60%	0.397%
2	6.728	630	636	649	rBV	81450	151103	1.69%	0.259%
3	6.911	662	667	680	rBV	124355	222374	2.49%	0.381%
4	7.369	738	745	756	rBV	376900	634452	7.12%	1.088%
5	8.093	862	868	879	rBV	127281	243549	2.73%	0.418%
6	8.522	935	941	951	rBV	116262	223462	2.51%	0.383%
7	9.228	1055	1061	1075	rVB	96806	191388	2.15%	0.328%
8	9.775	1147	1154	1163	rBV	122449	241164	2.71%	0.413%
9	10.110	1204	1211	1216	rBV	571234	937604	10.52%	1.607%
10	10.163	1216	1220	1228	rVB	104454	181688	2.04%	0.311%
11	10.281	1234	1240	1255	rBV	102745	230459	2.59%	0.395%
12	11.781	1489	1495	1509	rBV	559972	973548	10.92%	1.669%
13	12.010	1523	1534	1544	rBV	264396	437770	4.91%	0.751%
14	12.828	1667	1673	1684	rBV	351381	549071	6.16%	0.941%
15	13.028	1701	1707	1718	rVB	180680	299329	3.36%	0.513%
16	13.163	1723	1730	1732	rBV2	169892	279209	3.13%	0.479%
17	13.322	1750	1757	1763	rBV	254764	459641	5.16%	0.788%
18	13.381	1763	1767	1772	rVV	151419	202601	2.27%	0.347%
19	13.434	1772	1776	1781	rVB	281848	389702	4.37%	0.668%
20	13.487	1781	1785	1793	rVB	37924	58111	0.65%	0.100%
21	13.563	1793	1798	1802	rBV	104705	164464	1.84%	0.282%
22	13.693	1815	1820	1824	rBV	334608	493456	5.54%	0.846%
23	13.734	1824	1827	1837	rVB3	75658	114556	1.28%	0.196%
24	14.004	1867	1873	1879	rBV3	966972	1478795	16.59%	2.535%
25	14.075	1879	1885	1890	rBV	2500026	3515064	39.43%	6.026%
26	14.228	1905	1911	1918	rBV2	38081	85885	0.96%	0.147%
27	14.322	1918	1927	1935	rVV2	140132	293982	3.30%	0.504%
28	14.416	1935	1943	1950	rVV	1609057	2389972	26.81%	4.097%
29	14.498	1950	1957	1965	rVV2	64931	130193	1.46%	0.223%
30	14.645	1975	1982	1986	rBV3	37747	65509	0.73%	0.112%
31	14.698	1986	1991	1996	rBV2	46232	60141	0.67%	0.103%
32	14.816	2003	2011	2014	rBV3	34860	65730	0.74%	0.113%
33	15.010	2039	2044	2049	rVV	458546	643469	7.22%	1.103%
34	15.069	2049	2054	2060	rVV	2063285	2775903	31.14%	4.759%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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-BN021220MA.M
Title : SVOA CALIBRATION

35	15.169	2066	2071	2072	rVV2	82757	114540	1.28%	0.196%
36	15.192	2072	2075	2078	rVV2	193769	291668	3.27%	0.500%
37	15.234	2078	2082	2086	rVV2	287755	432621	4.85%	0.742%
38	15.281	2086	2090	2093	rVV	59699	94488	1.06%	0.162%
39	15.322	2093	2097	2101	rVV	137206	204760	2.30%	0.351%
40	15.369	2101	2105	2116	rVB	317664	447995	5.03%	0.768%
41	15.516	2123	2130	2138	rVV	294593	604128	6.78%	1.036%
42	15.604	2138	2145	2151	rVB3	58845	118266	1.33%	0.203%
43	15.763	2167	2172	2181	rBV2	61232	111157	1.25%	0.191%
44	15.869	2185	2190	2196	rBV	100241	145181	1.63%	0.249%
45	16.081	2220	2226	2231	rVV2	168536	288074	3.23%	0.494%
46	16.128	2231	2234	2240	rVB2	57527	72753	0.82%	0.125%
47	16.228	2245	2251	2257	rVB2	74035	124263	1.39%	0.213%
48	16.310	2262	2265	2269	rBV	47436	65328	0.73%	0.112%
49	16.351	2269	2272	2276	rVB3	58381	70478	0.79%	0.121%
50	16.434	2282	2286	2293	rVB4	31231	61676	0.69%	0.106%
51	16.516	2293	2300	2305	rBV4	88220	180507	2.02%	0.309%
52	16.587	2305	2312	2323	rVB	478852	728232	8.17%	1.248%
53	16.769	2336	2343	2346	rBV	1004034	1465704	16.44%	2.513%
54	16.816	2346	2351	2356	rVV	6599091	8915106	100.00%	15.284%
55	16.869	2356	2360	2363	rVV2	477688	722952	8.11%	1.239%
56	16.904	2363	2366	2373	rVB	430488	567908	6.37%	0.974%
57	17.181	2404	2413	2418	rBV2	104381	191253	2.15%	0.328%
58	17.292	2428	2432	2438	rBV3	101092	153296	1.72%	0.263%
59	17.492	2458	2466	2474	rBV2	32717	65509	0.73%	0.112%
60	17.645	2486	2492	2496	rVV	335821	464372	5.21%	0.796%
61	17.692	2496	2500	2506	rVV	455678	608821	6.83%	1.044%
62	17.775	2511	2514	2519	rVV	116674	175179	1.96%	0.300%
63	17.839	2519	2525	2529	rVV	749731	1122388	12.59%	1.924%
64	17.875	2529	2531	2541	rVB	131388	171613	1.92%	0.294%
65	18.151	2573	2578	2584	rVV	259236	367269	4.12%	0.630%
66	18.398	2615	2620	2626	rBV2	237764	302622	3.39%	0.519%
67	18.575	2645	2650	2656	rBV	60656	113864	1.28%	0.195%
68	18.639	2656	2661	2665	rBV4	53087	82833	0.93%	0.142%
69	18.845	2689	2696	2704	rBV	3334058	4663301	52.31%	7.995%
70	19.086	2732	2737	2741	rBV	81092	111856	1.25%	0.192%
71	19.180	2747	2753	2754	rBV	1047751	1366825	15.33%	2.343%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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-BN021220MA.M
Title : SVOA CALIBRATION

72	19.204	2754	2757	2762	rVV	2283124	3057811	34.30%	5.242%
73	19.239	2762	2763	2767	rVV	92718	91167	1.02%	0.156%
74	19.286	2767	2771	2779	rVB2	95680	149912	1.68%	0.257%
75	19.398	2785	2790	2799	rVB2	117869	162418	1.82%	0.278%
76	19.539	2806	2814	2821	rBV2	82610	226672	2.54%	0.389%
77	19.680	2832	2838	2839	rBV3	65723	92307	1.04%	0.158%
78	19.716	2840	2844	2849	rVB	272722	368726	4.14%	0.632%
79	19.816	2856	2861	2865	rBV	303414	395273	4.43%	0.678%
80	19.869	2865	2870	2874	rVV2	104982	168940	1.89%	0.290%
81	19.904	2874	2876	2882	rVV	53514	80418	0.90%	0.138%
82	20.016	2890	2895	2899	rBV2	44252	68286	0.77%	0.117%
83	20.057	2899	2902	2907	rBV3	52612	80978	0.91%	0.139%
84	20.433	2962	2966	2970	rBV4	33786	60752	0.68%	0.104%
85	20.633	2996	3000	3003	rBV	74949	101819	1.14%	0.175%
86	20.675	3003	3007	3011	rVV2	134916	221257	2.48%	0.379%
87	20.727	3011	3016	3022	rVV4	226048	421098	4.72%	0.722%
88	20.786	3022	3026	3033	rVB	206581	269391	3.02%	0.462%
89	20.986	3052	3060	3064	rBV2	1349426	2261084	25.36%	3.876%
90	21.022	3064	3066	3075	rVB	348740	449135	5.04%	0.770%
91	21.139	3083	3086	3089	rVV	119648	148600	1.67%	0.255%
92	21.169	3089	3091	3095	rVB	83987	89529	1.00%	0.153%
93	21.586	3159	3162	3168	rVB3	144451	176503	1.98%	0.303%
94	22.016	3231	3235	3243	rVB	202937	252111	2.83%	0.432%
95	22.480	3309	3314	3319	rBV2	362580	594030	6.66%	1.018%
96	22.951	3389	3394	3398	rBV	350328	574903	6.45%	0.986%
97	22.992	3398	3401	3407	rVB	349873	522367	5.86%	0.896%
98	23.080	3410	3416	3429	rVB	776728	1441029	16.16%	2.470%
99	23.574	3495	3500	3507	rVB2	193454	336524	3.77%	0.577%
100	24.233	3607	3612	3620	rVB	133786	262896	2.95%	0.451%

Sum of corrected areas: 58329508

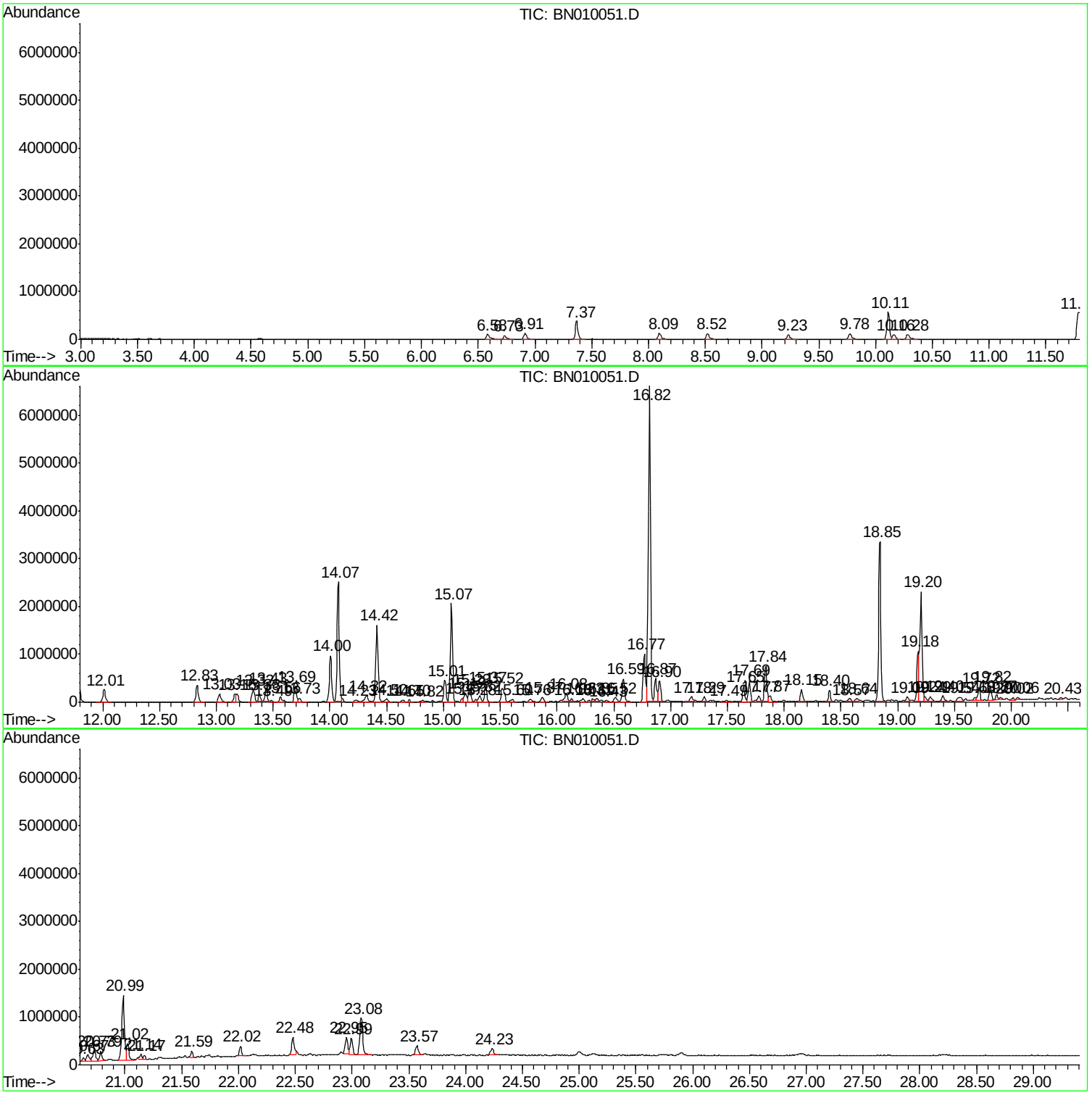
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

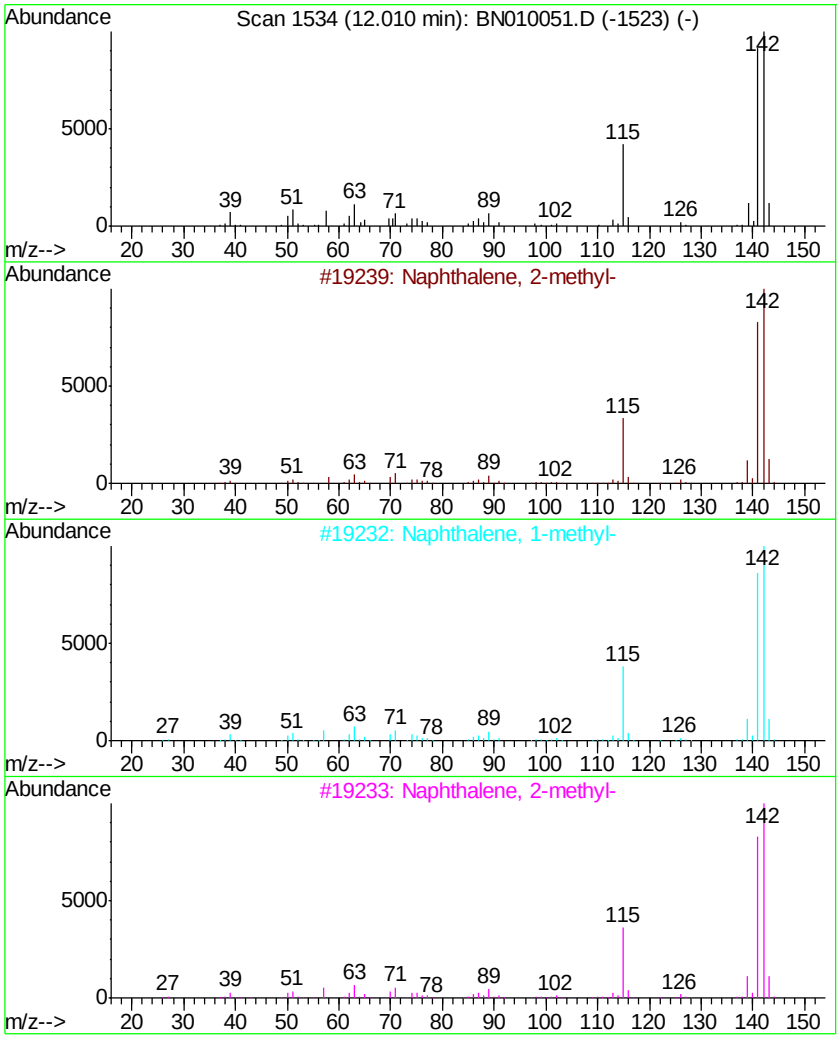
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

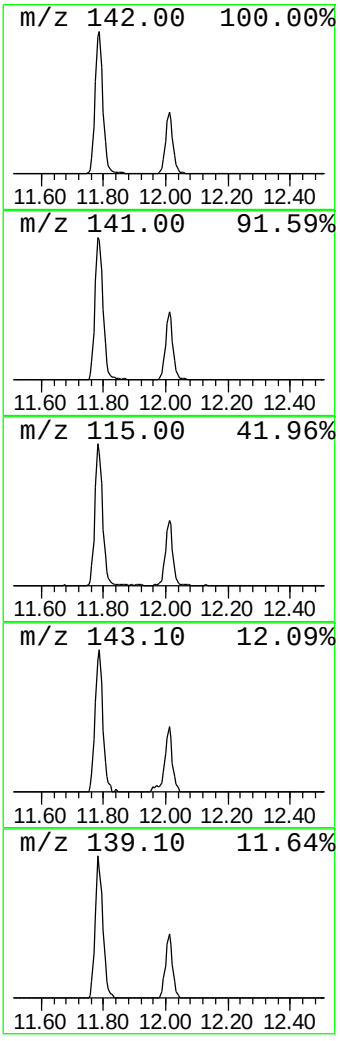
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	9.34 ng/ul	437770	Naphthalene-d8	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	Benzocycloheptatriene	142	C11H10	000264-09-5	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

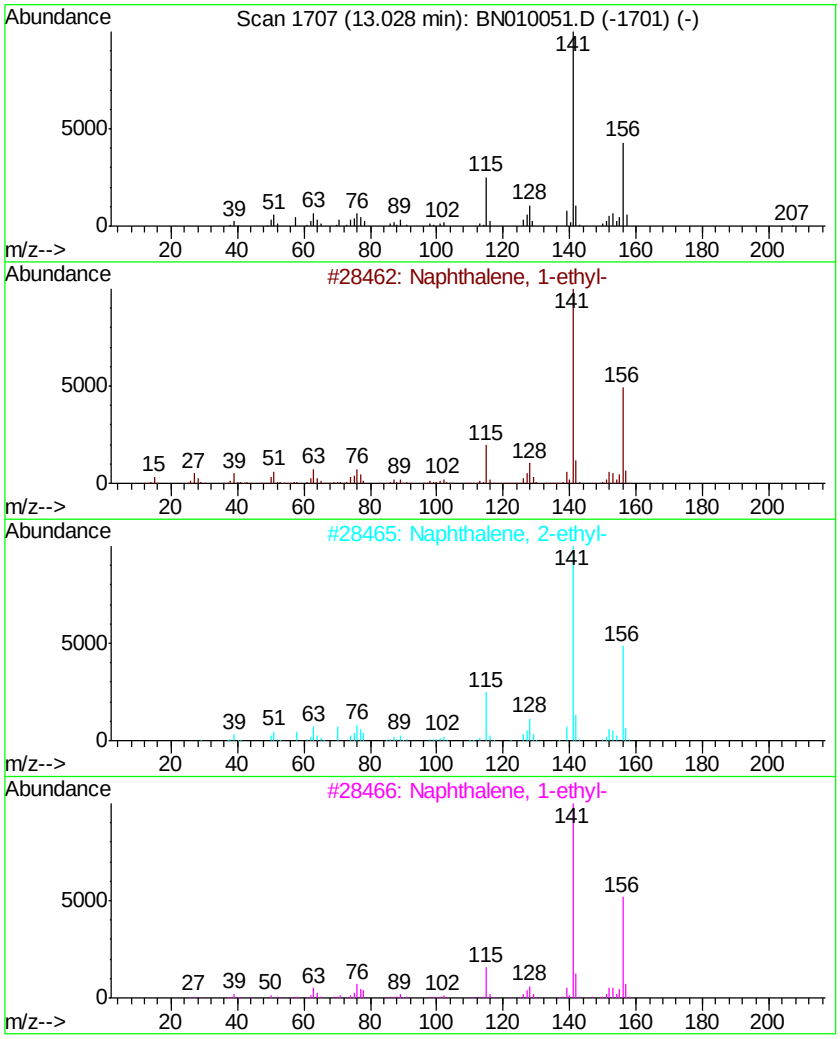
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

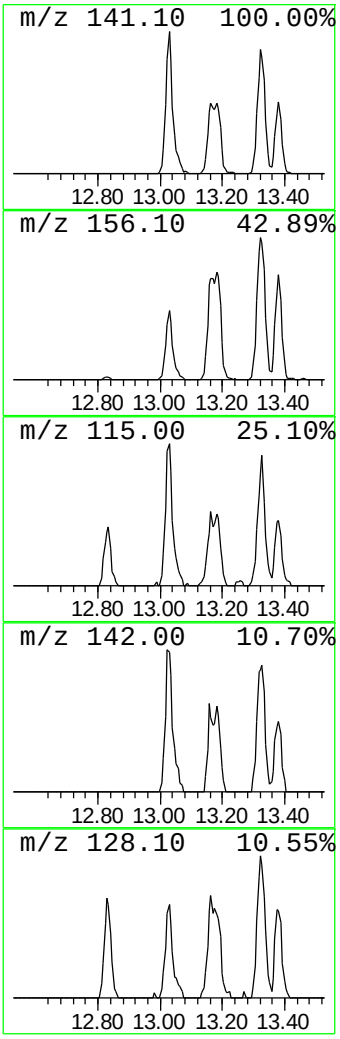
****

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	4.05 ng/ul	299329	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

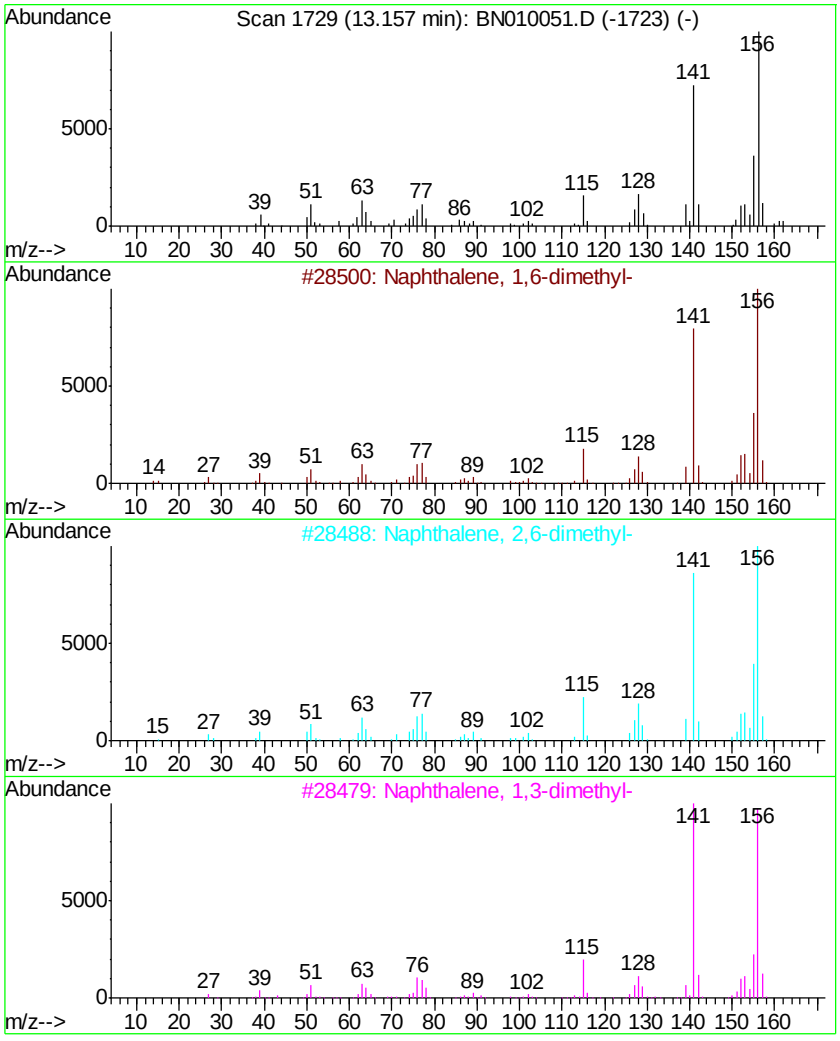
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

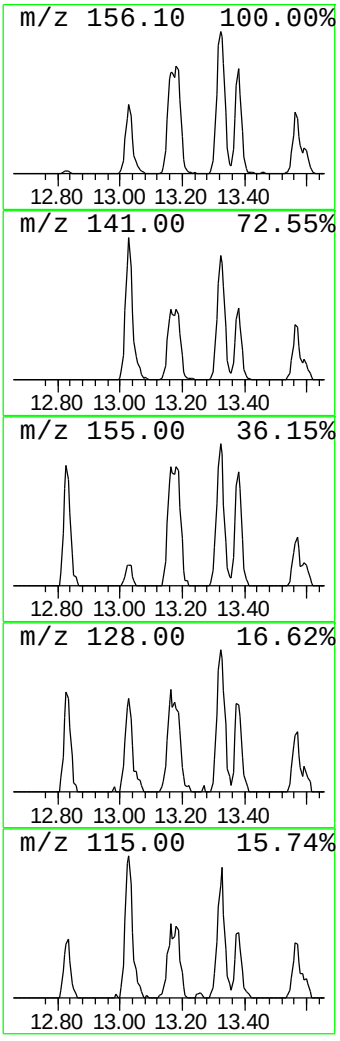
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.16	3.78 ng/ul	279209	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

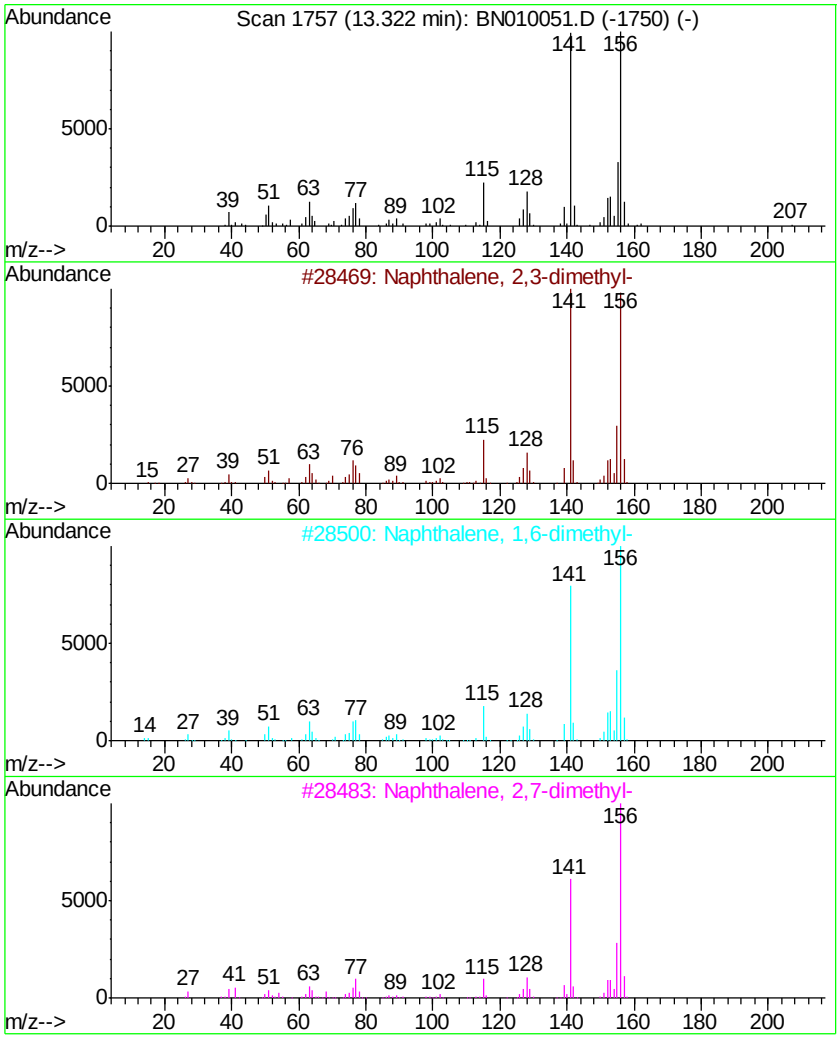
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

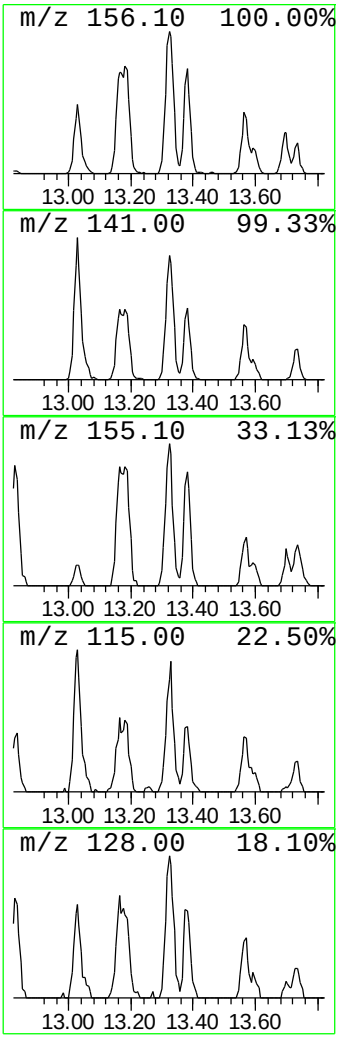
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	6.22 ng/ul	459641	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

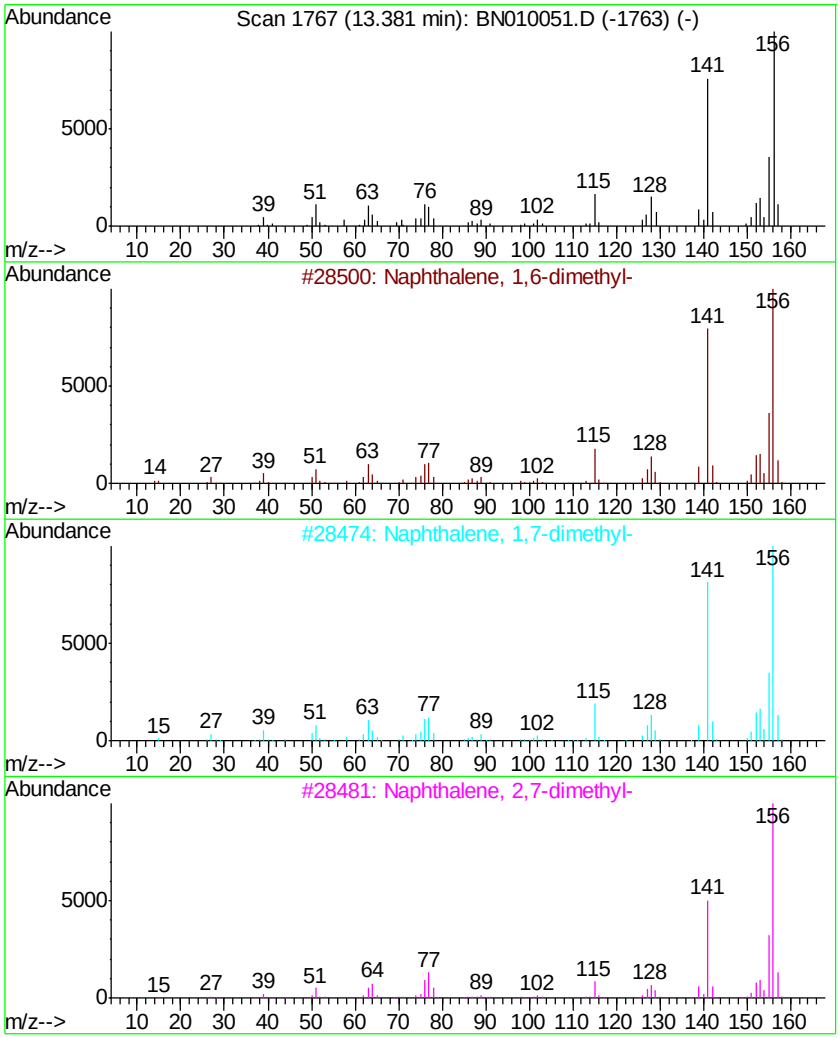
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

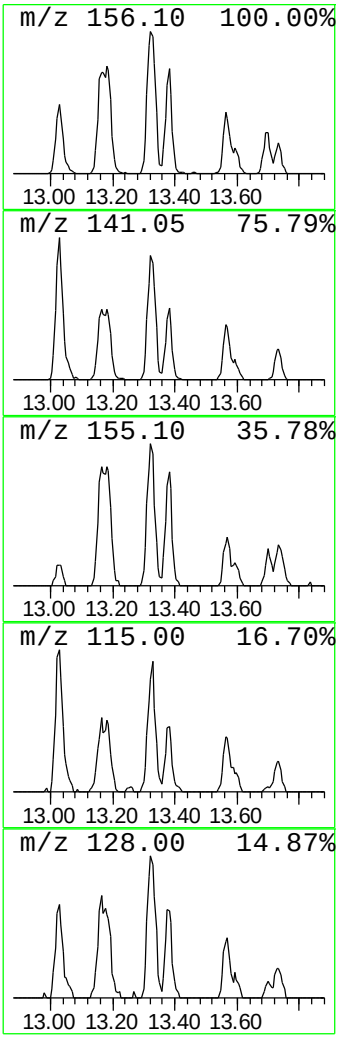
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.74 ng/ul	202601	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : L1619-06
Misc :
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ClientSampleId : DBDW0

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Quant Title : SVOA CALIBRATION

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

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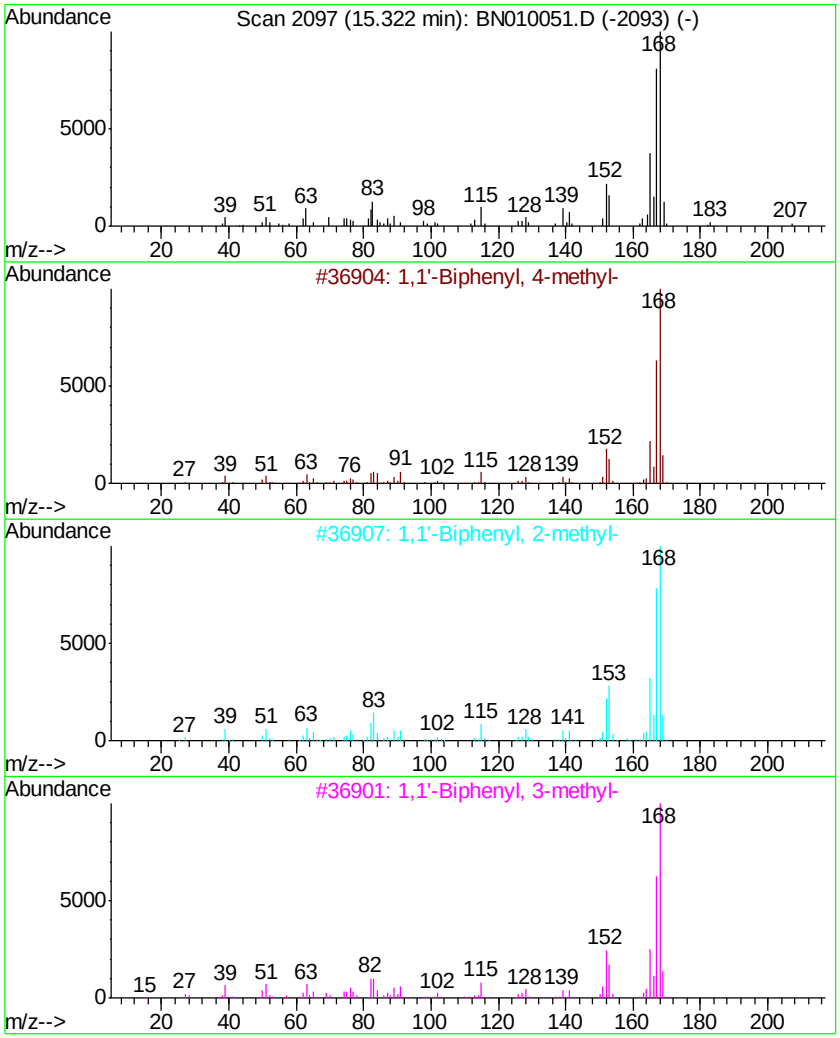
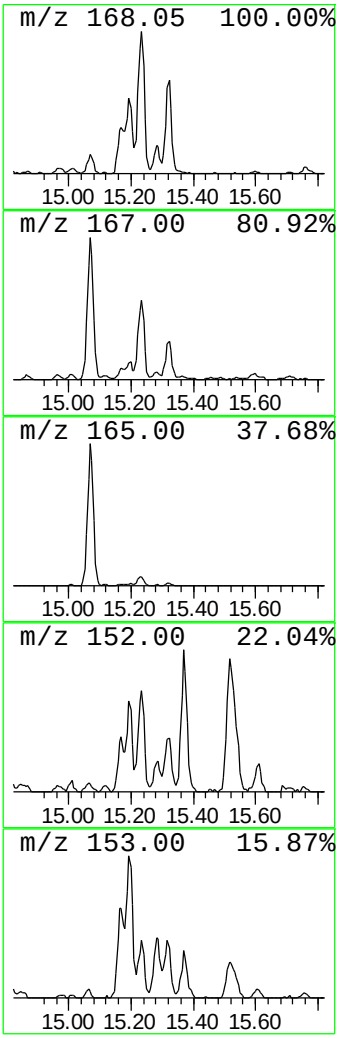
Peak Number 7 1,1'-Biphenyl, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	2.77 ng/ul	204760	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	93
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	91
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	91
5	Diphenylmethane	168	C13H12	000101-81-5	91





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Quant Title : SVOA CALIBRATION

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

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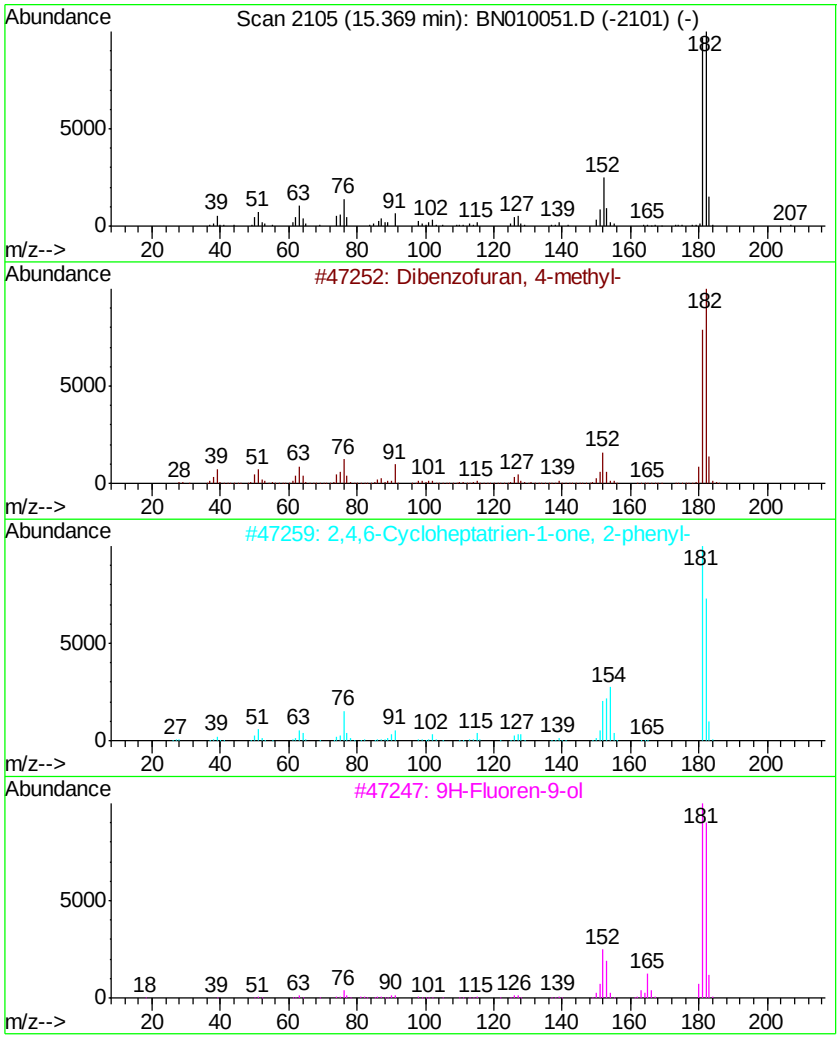
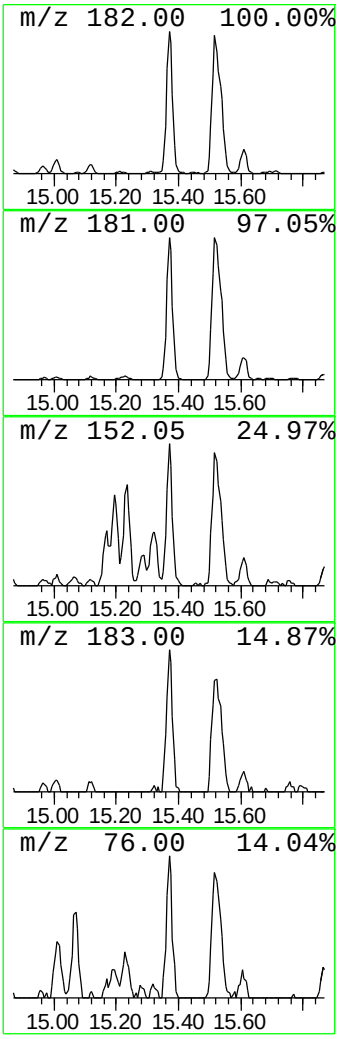
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	6.06 ng/ul	447995	Acenaphthene-d10	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83





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Quant Title : SVOA CALIBRATION

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

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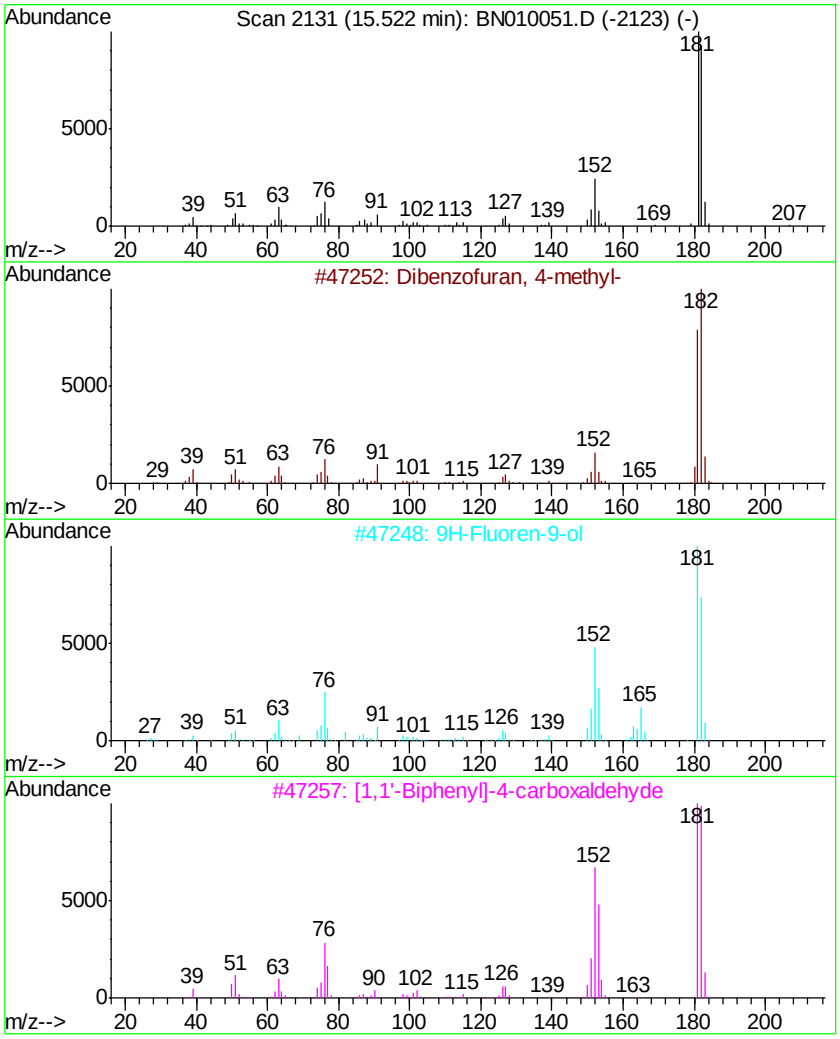
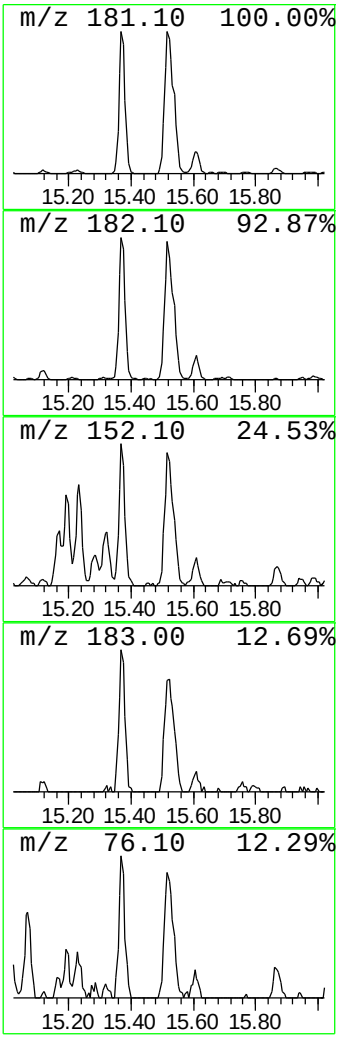
Peak Number 9 9H-Fluoren-9-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.24 ng/ul	604128	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	89
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Quant Title : SVOA CALIBRATION

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

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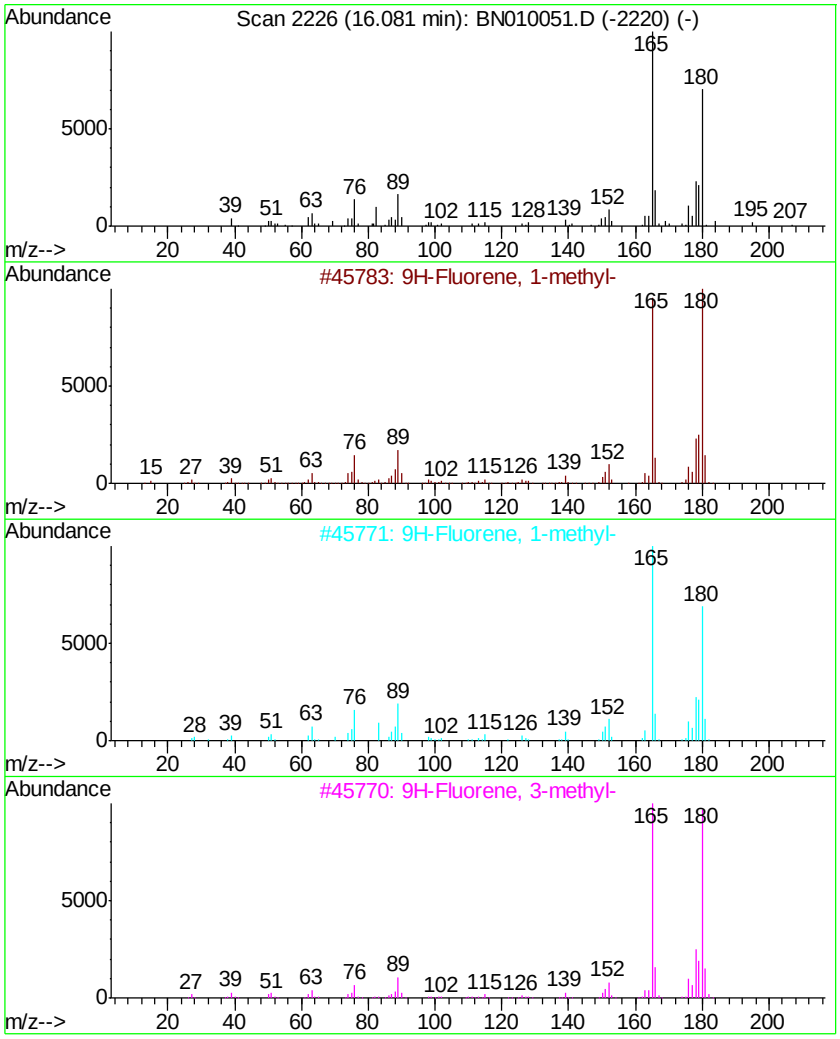
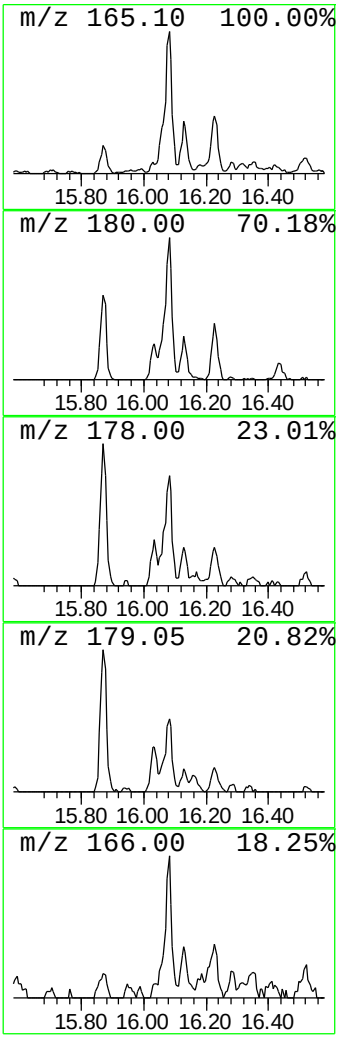
Peak Number 10 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	3.93 ng/ul	288074	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87





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Quant Title : SVOA CALIBRATION

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

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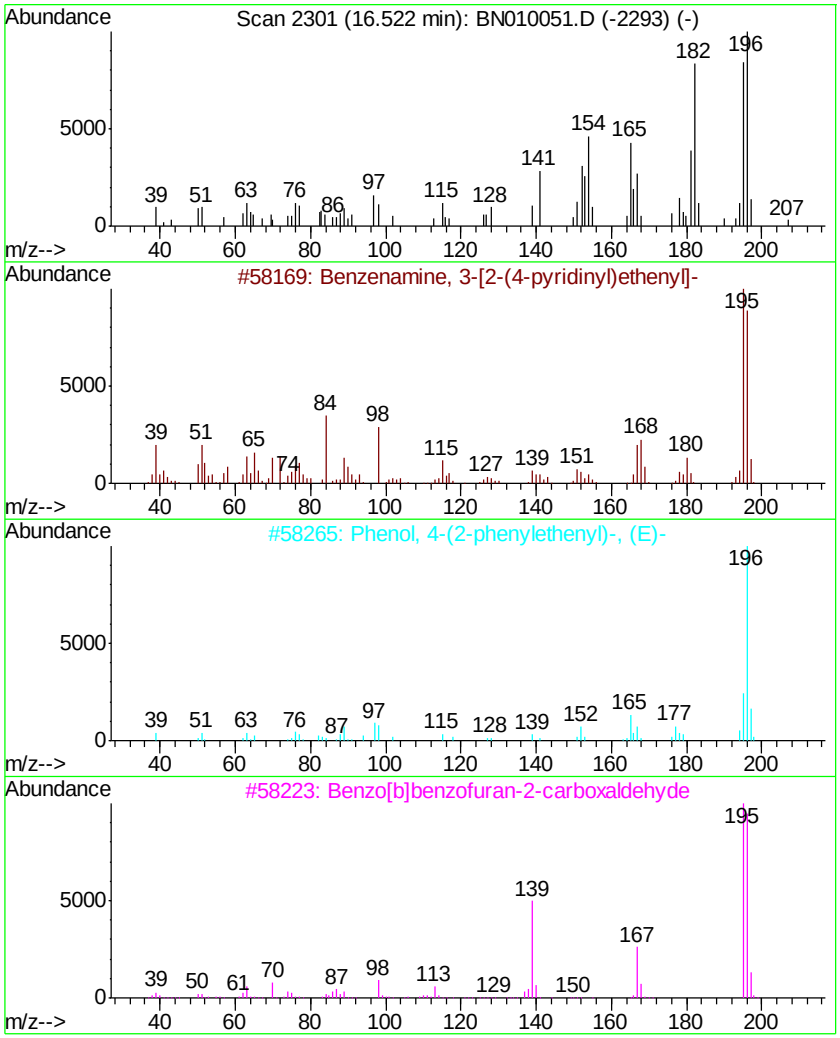
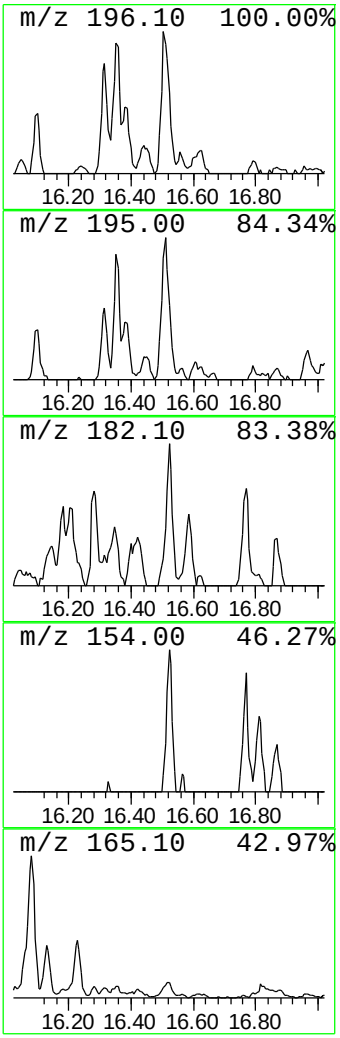
Peak Number 11 Benzenamine, 3-[2-(4-pyridi... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	2.46 ng/ul	180507	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	58
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	55
3	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	53
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	53
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49





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Quant Title : SVOA CALIBRATION

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

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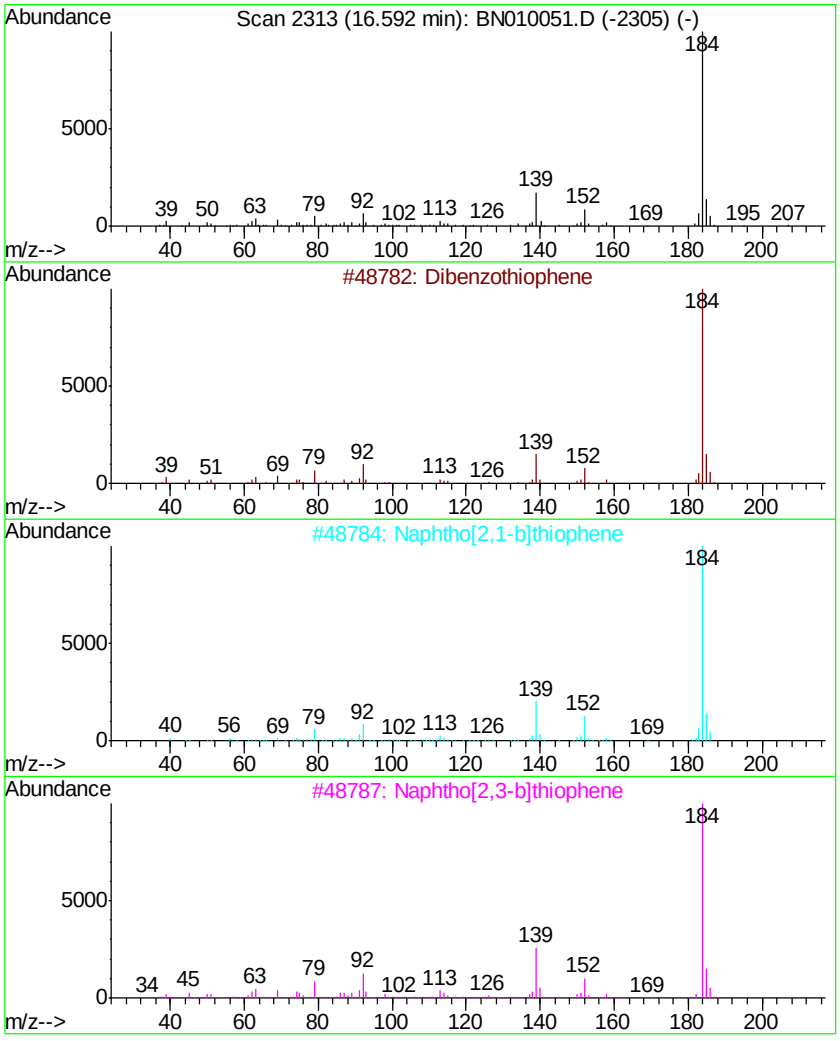
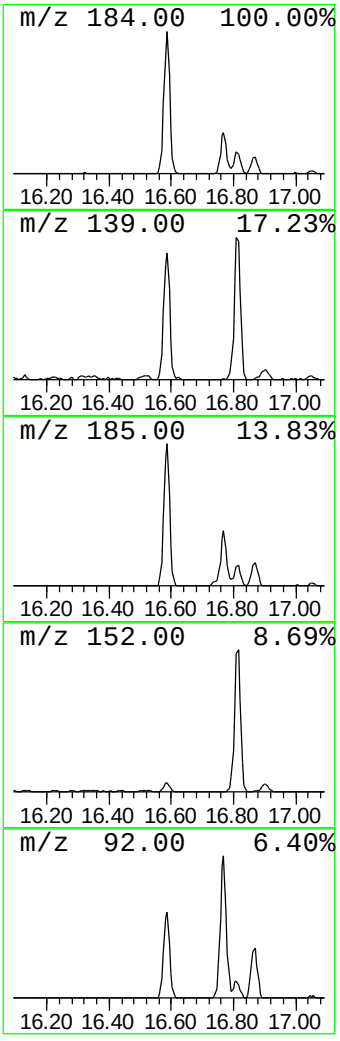
Peak Number 12 Dibenzothiophene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	9.94 ng/ul	728232	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Dibenzothiophene	184	C12H8S	000132-65-0	95





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Misc :
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Instrument : BNA_N
ClientSampleId : DBDW0

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Quant Title : SVOA CALIBRATION

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

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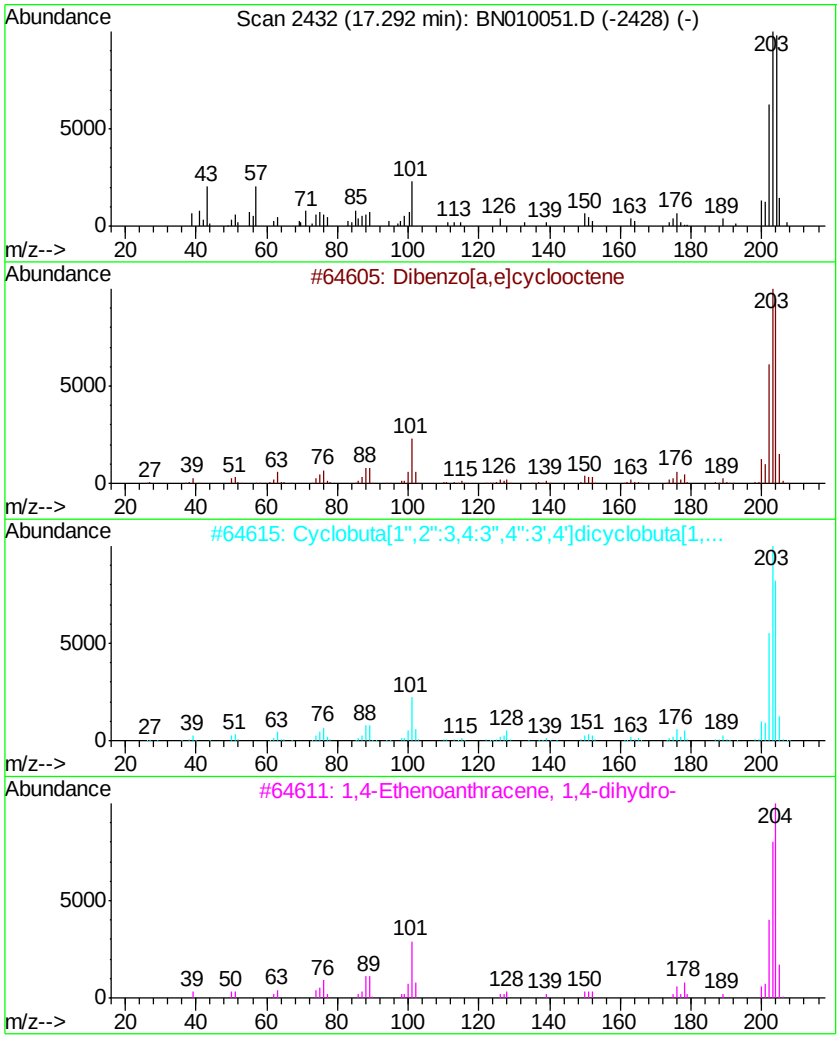
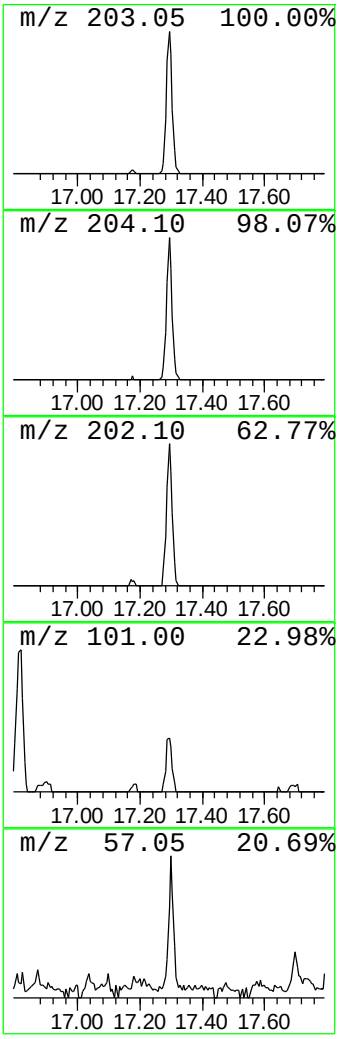
Peak Number 13 Dibenzo[a,e]cyclooctene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.09 ng/ul	153296	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
2	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	94
3	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	93
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	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 14 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	6.34 ng/ul	464372	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
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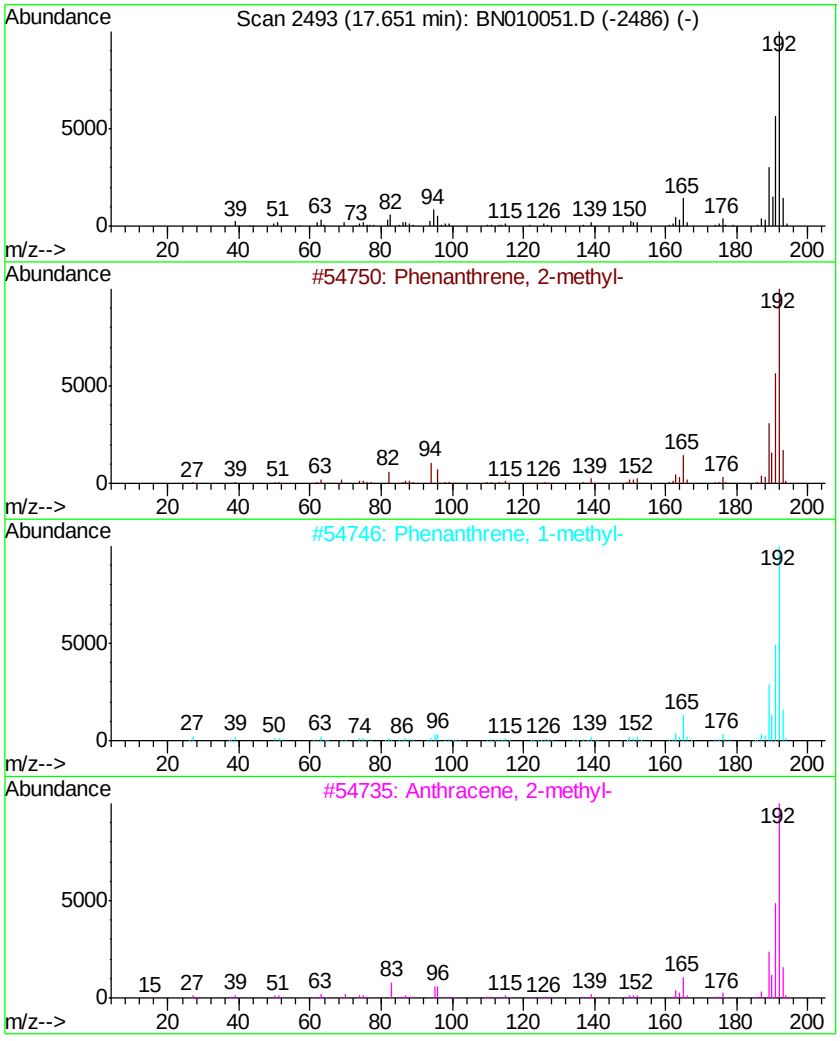

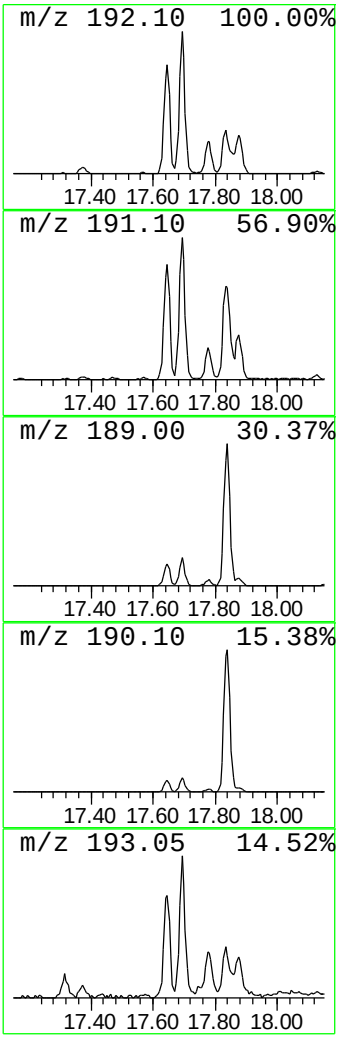

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Quant Title : SVOA CALIBRATION

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

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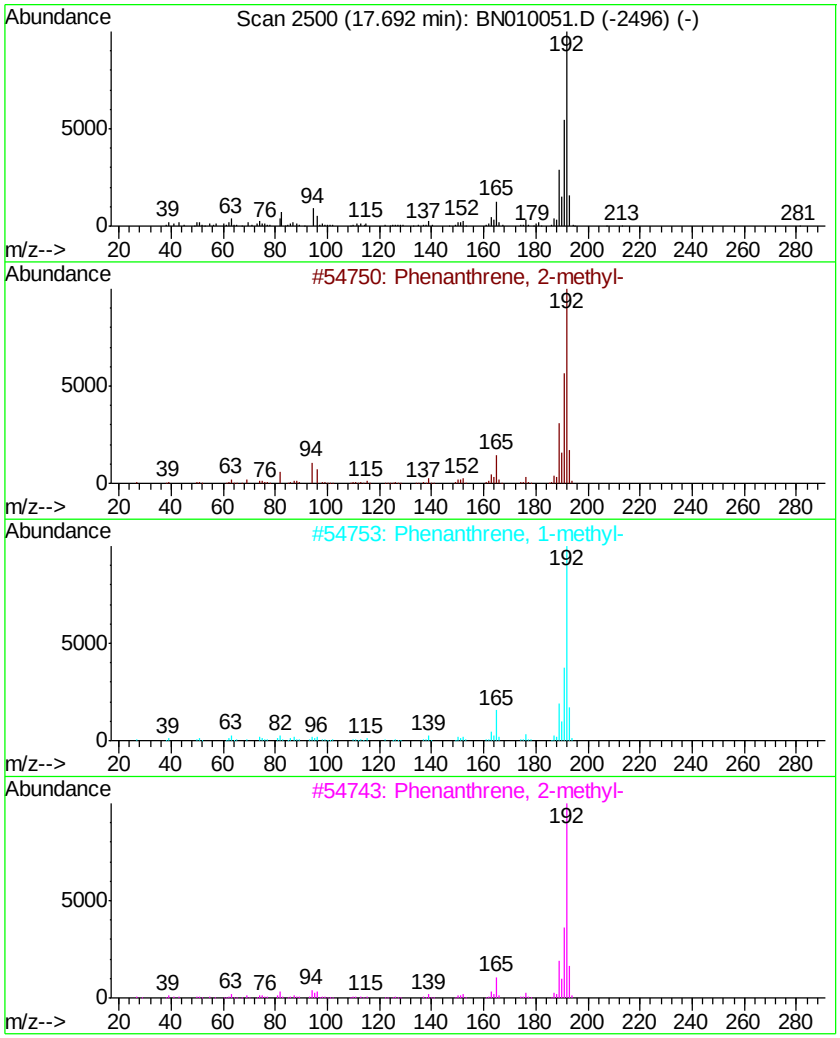
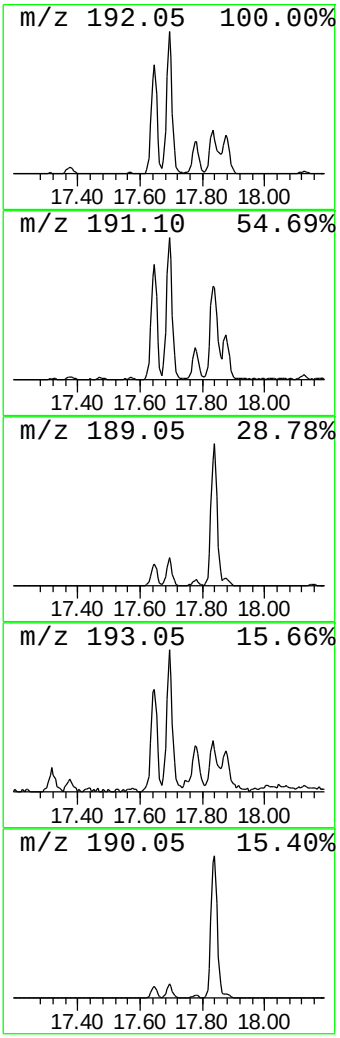
Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	8.31 ng/ul	608821	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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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 1H-Cyclopropa[l]phenanthren... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	2.39 ng/ul	175179	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
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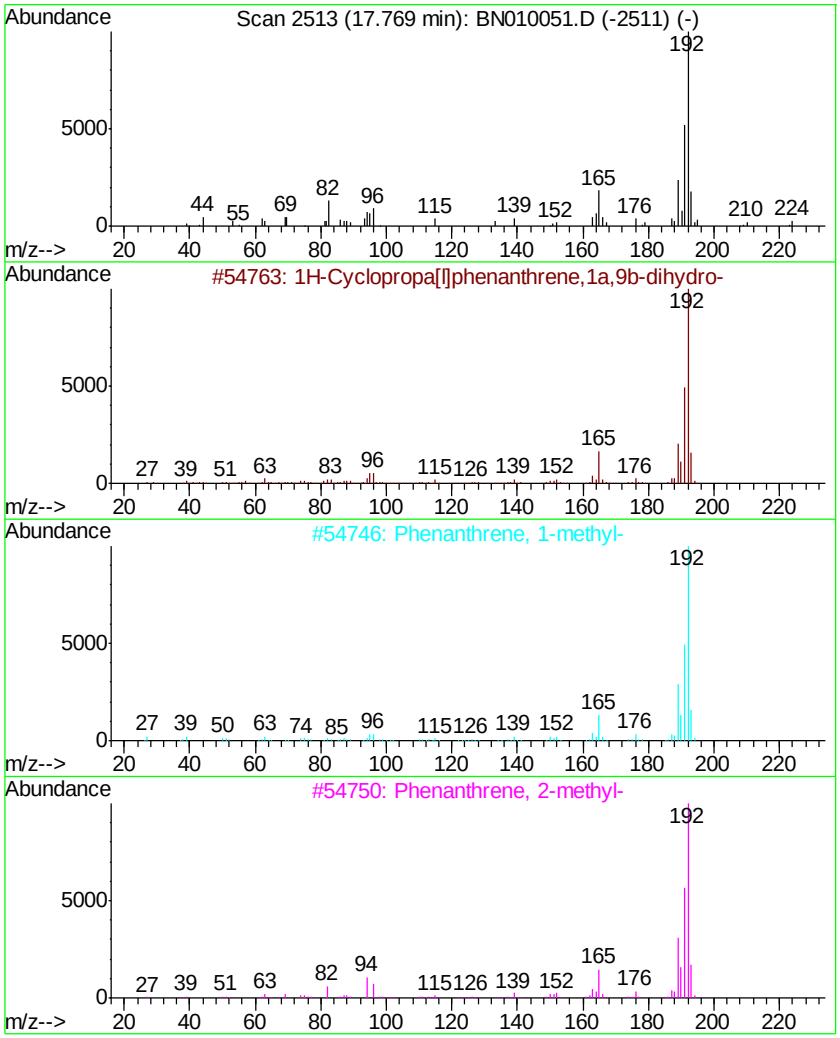

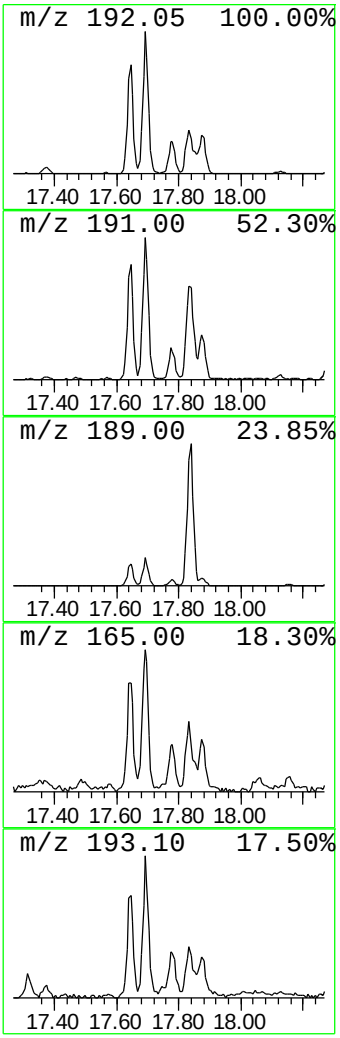

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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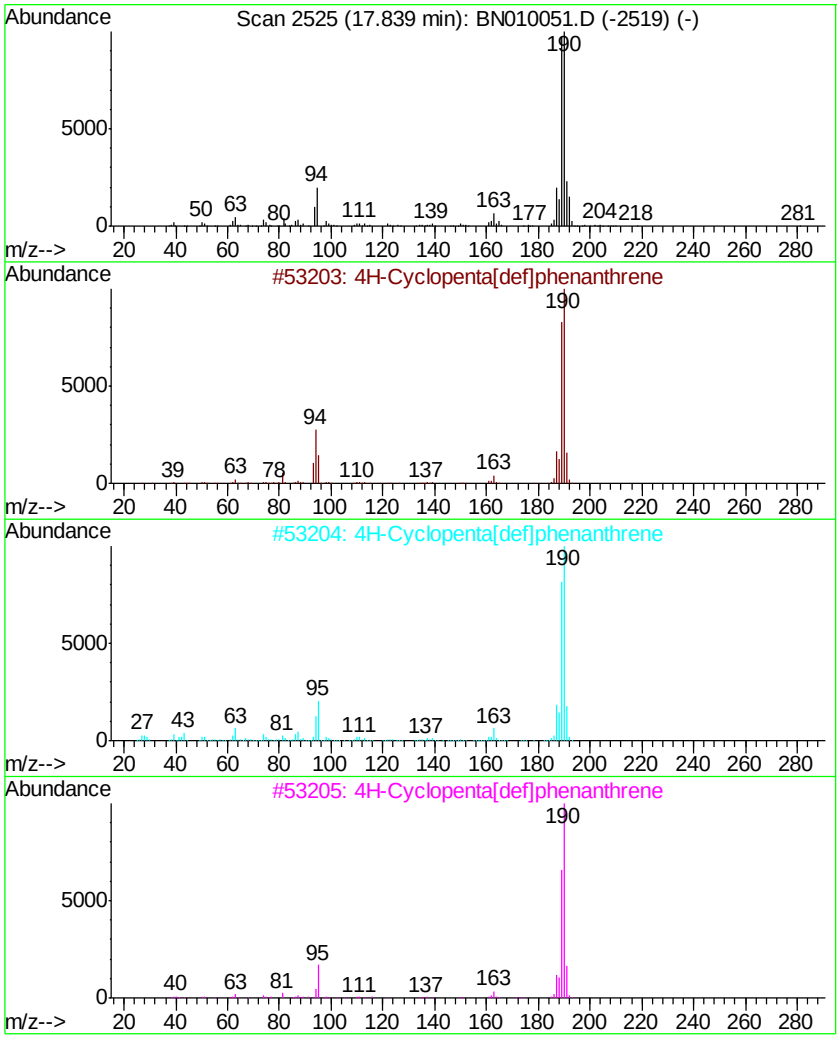
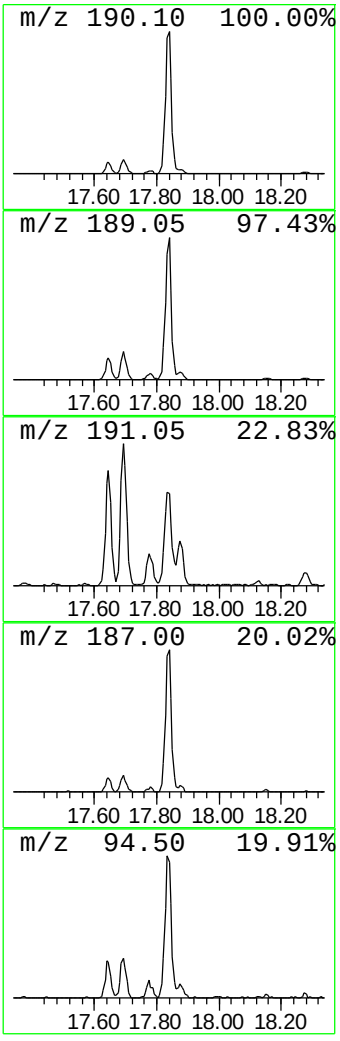
Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	15.32 ng/ul	1122390	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Quant Title : SVOA CALIBRATION

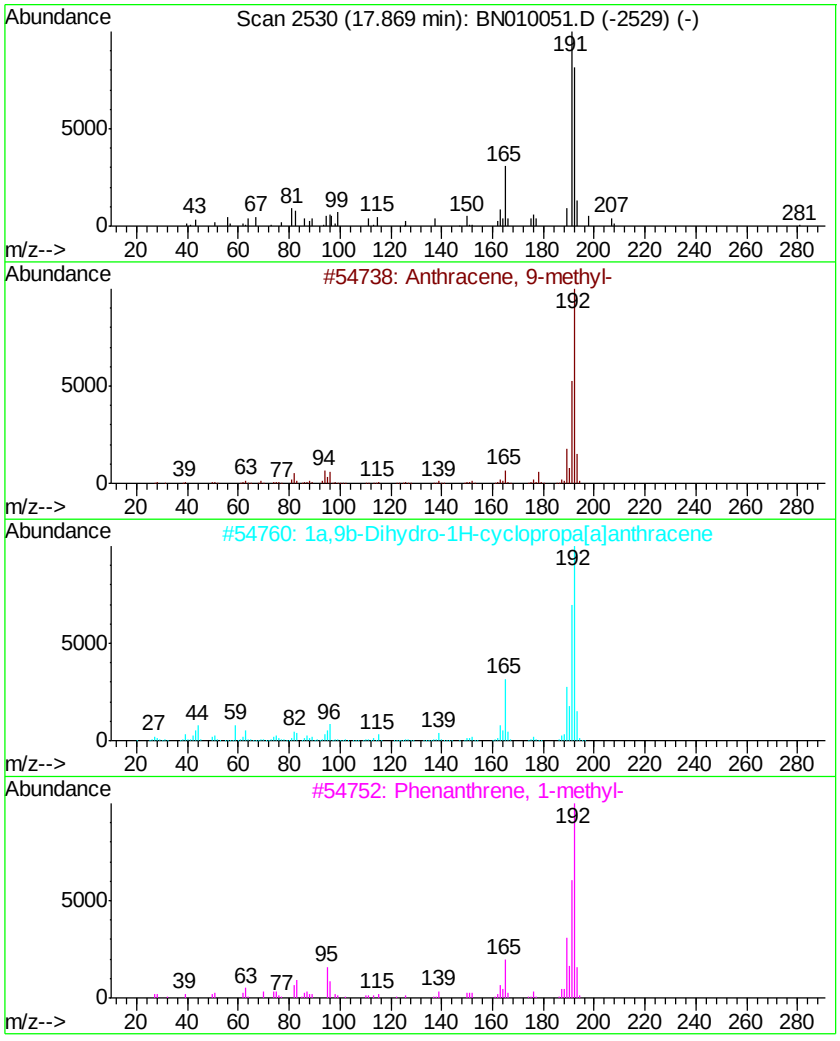
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

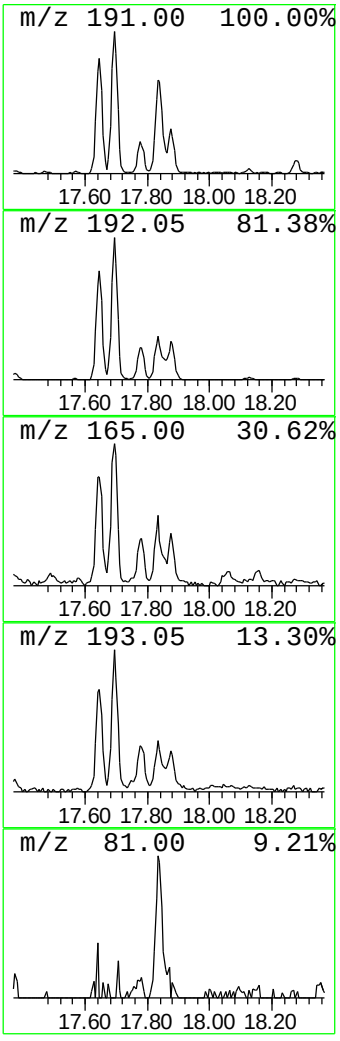
****

Peak Number 18 Anthracene, 9-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	2.34 ng/ul	171613	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	74





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Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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Quant Title : SVOA CALIBRATION

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

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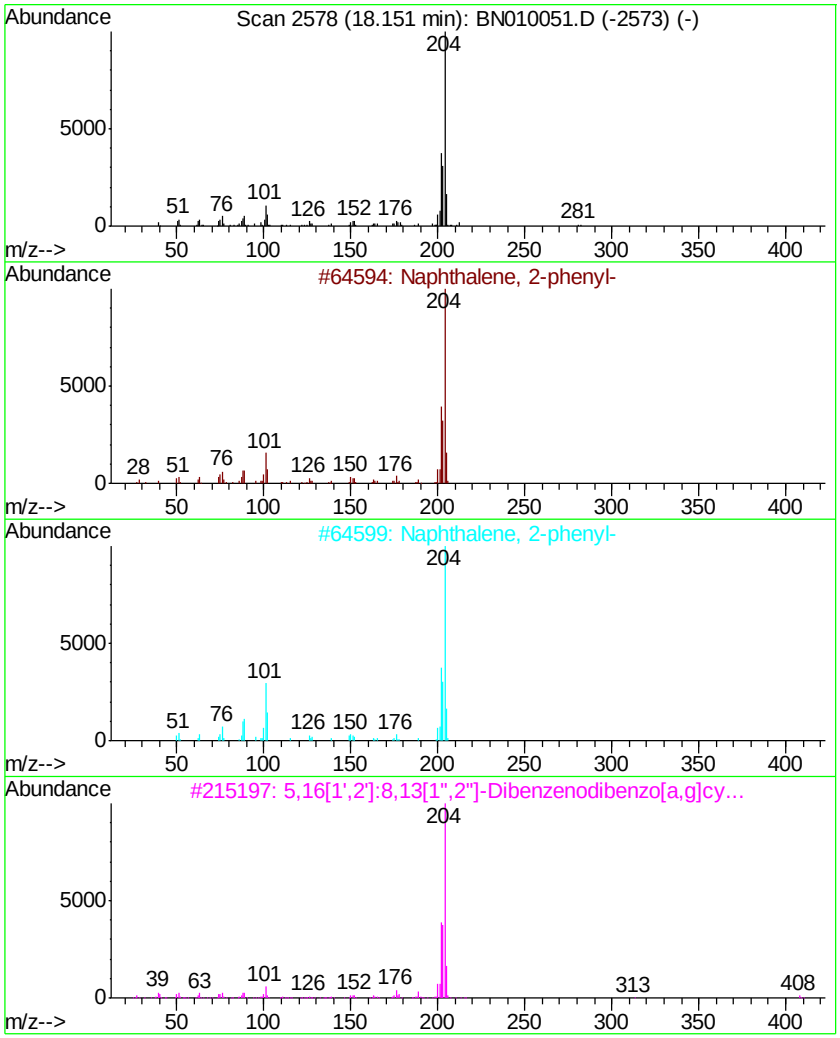
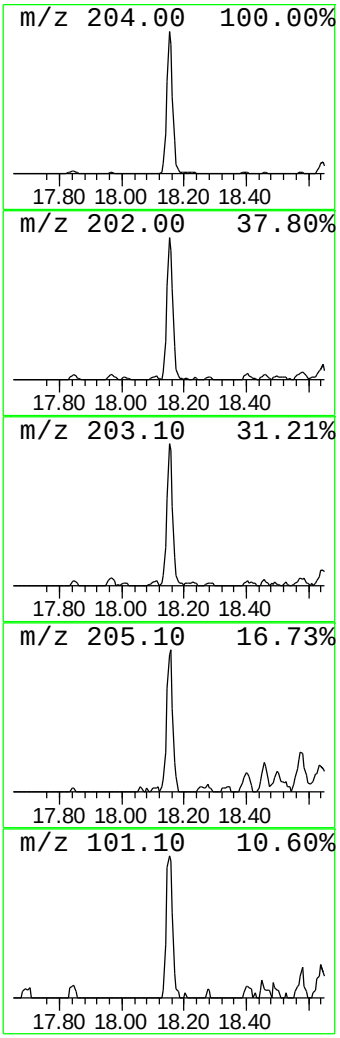
Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	5.01 ng/ul	367269	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	74
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72





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Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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Quant Title : SVOA CALIBRATION

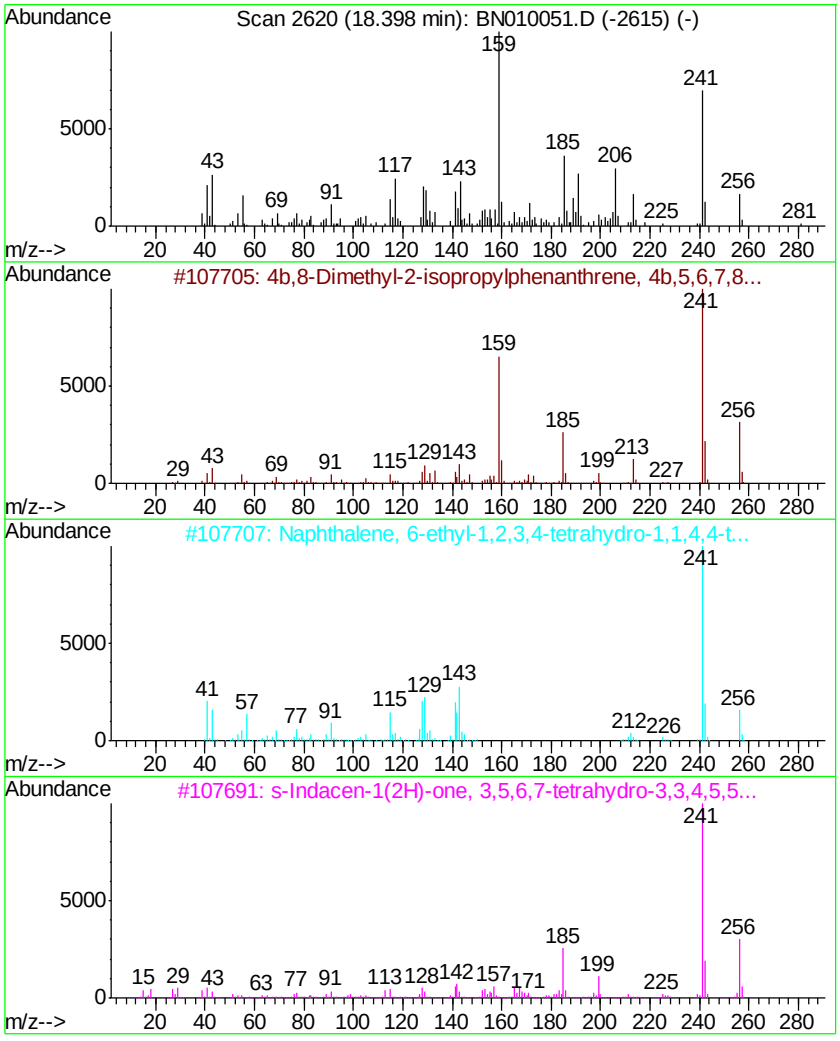
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

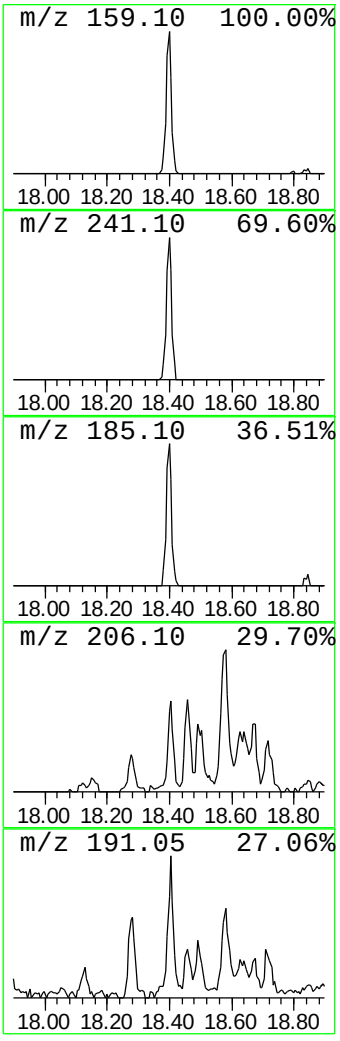
****

Peak Number 20 4b,8-Dimethyl-2-isopropylph... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	4.13 ng/ul	302622	Phenanthrene-d10	16.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	91
2	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	56
3	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	44
4	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	30





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Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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Quant Title : SVOA CALIBRATION

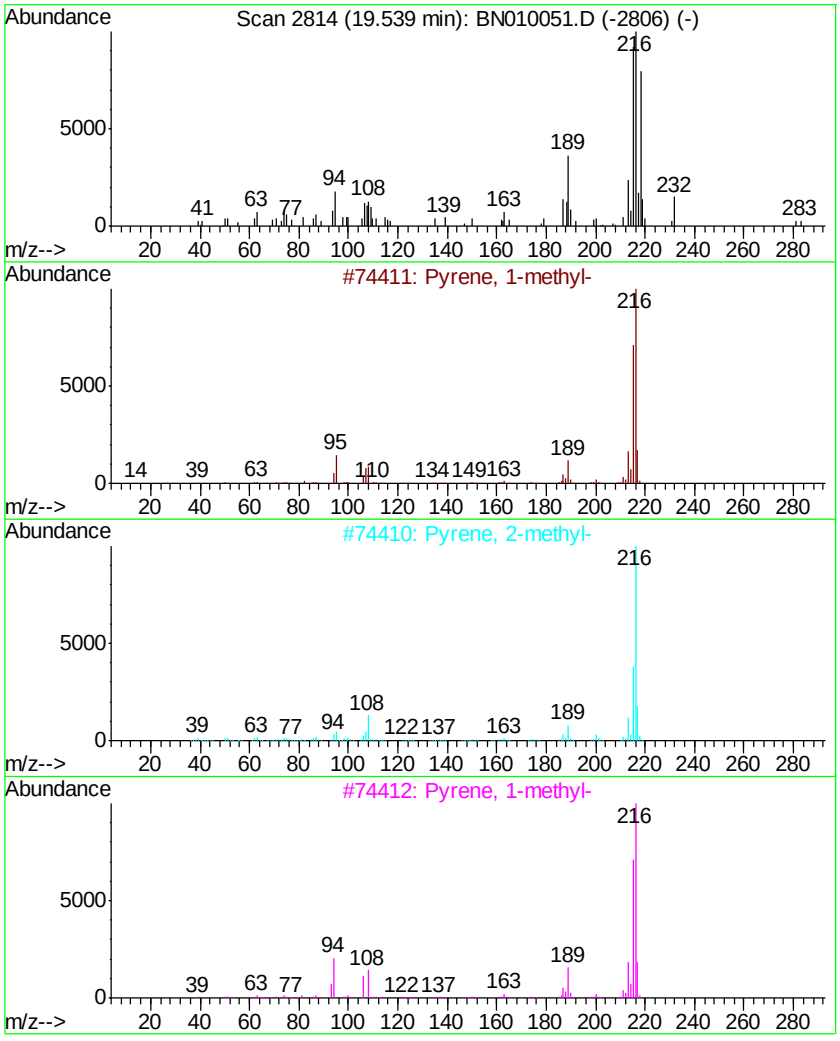
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

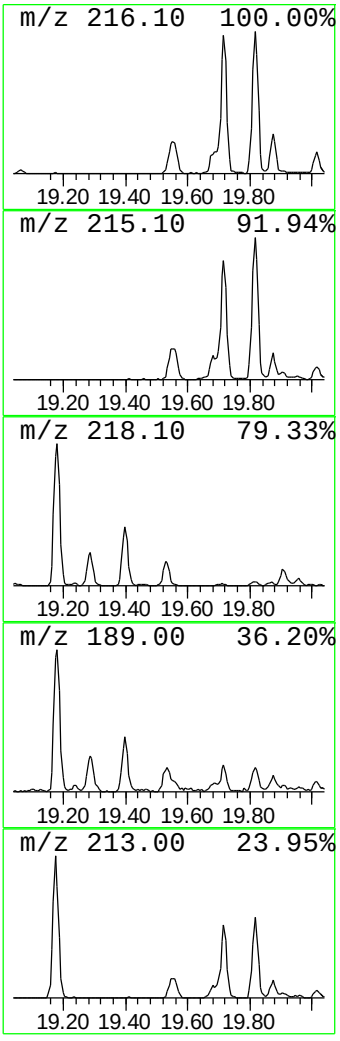
****

Peak Number 21 Pyrene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.00 ng/ul	226672	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	55





Library Search Compound Report

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Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

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Quant Title : SVOA CALIBRATION

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

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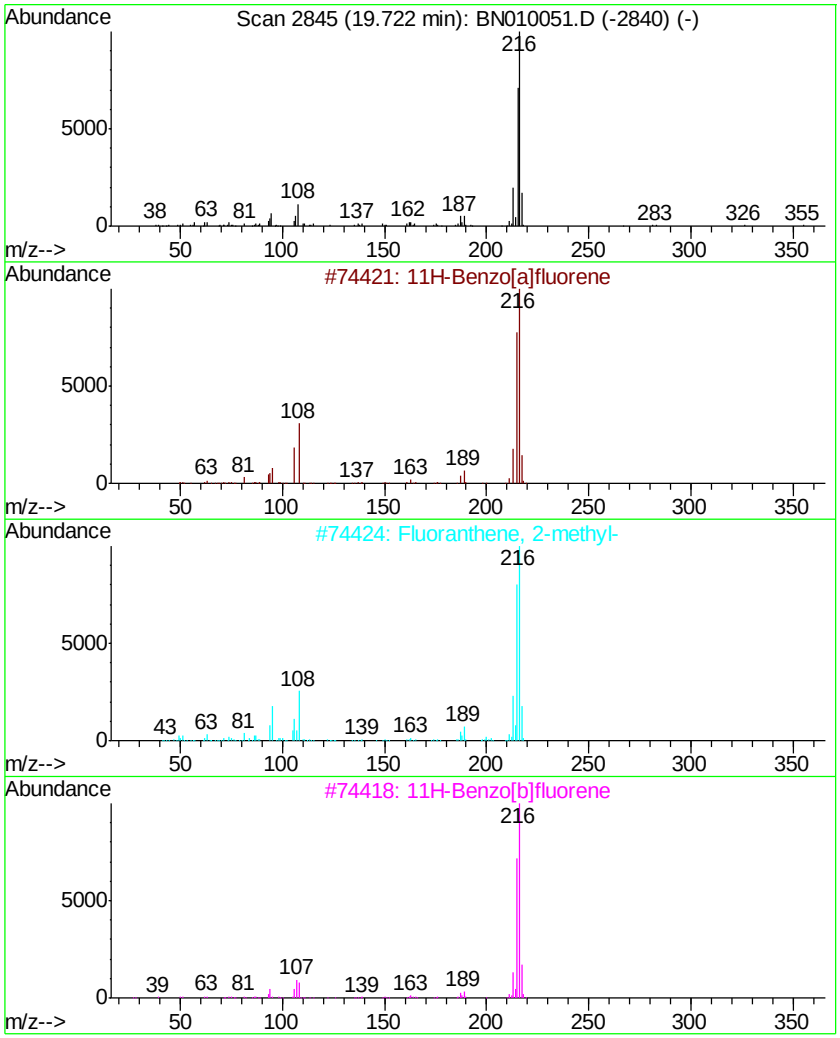
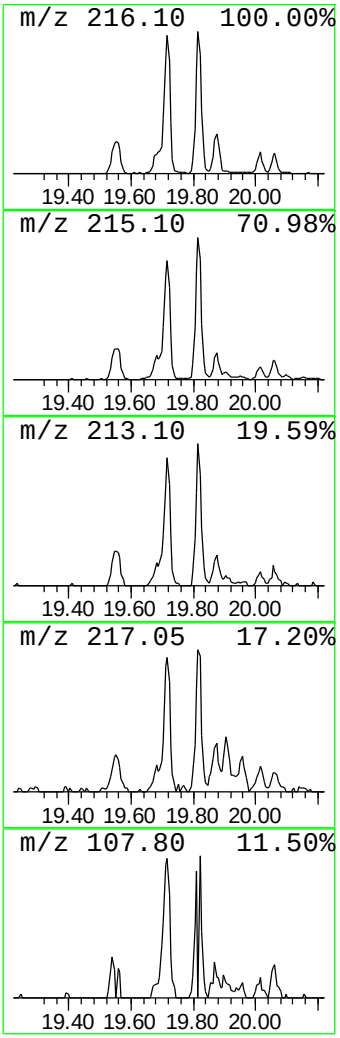
Peak Number 22 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	3.26 ng/ul	368726	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

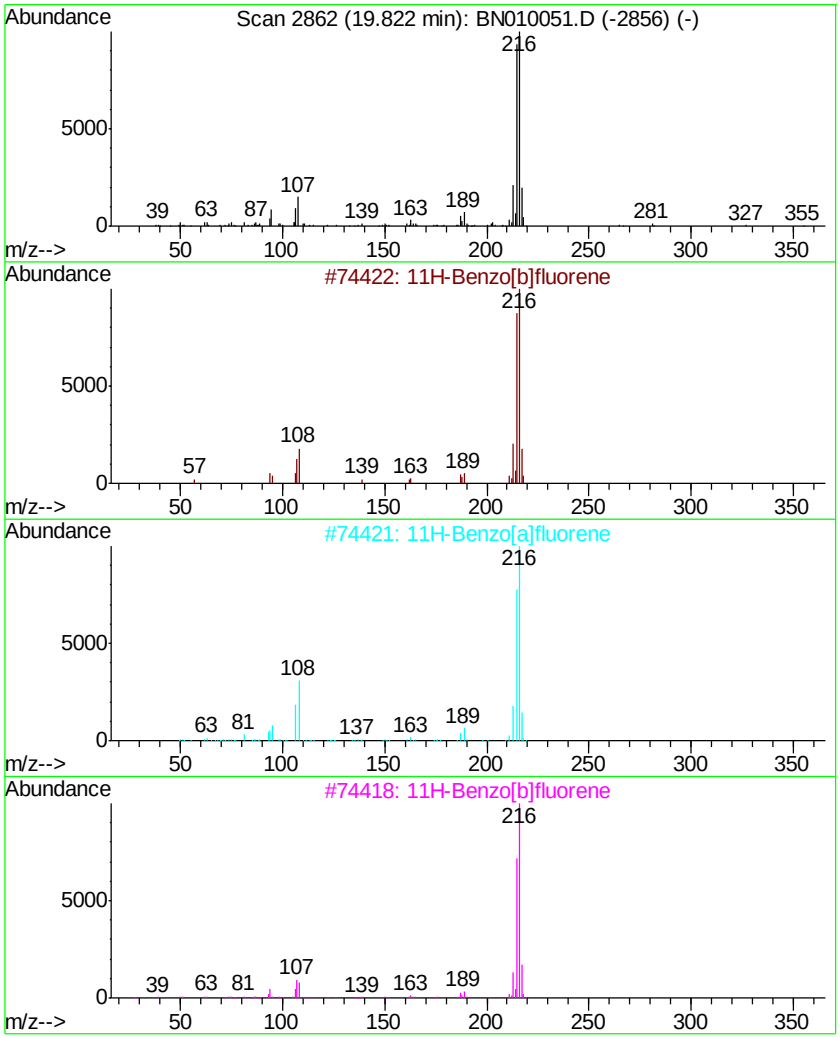
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

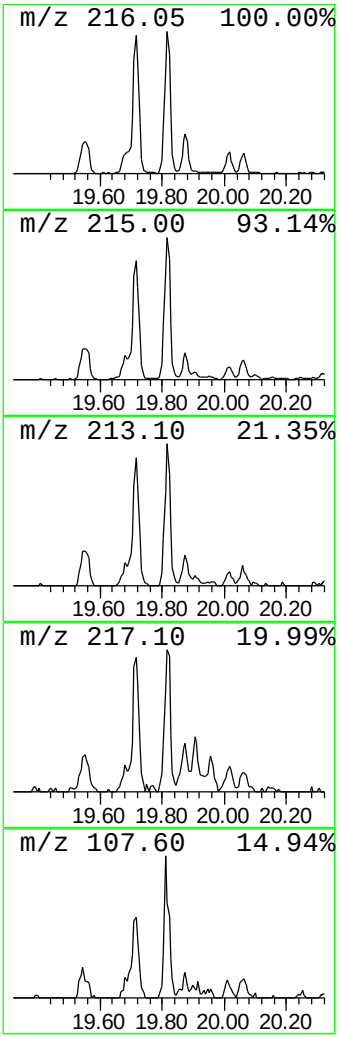
****

Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.50 ng/ul	395273	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





Library Search Compound Report

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Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

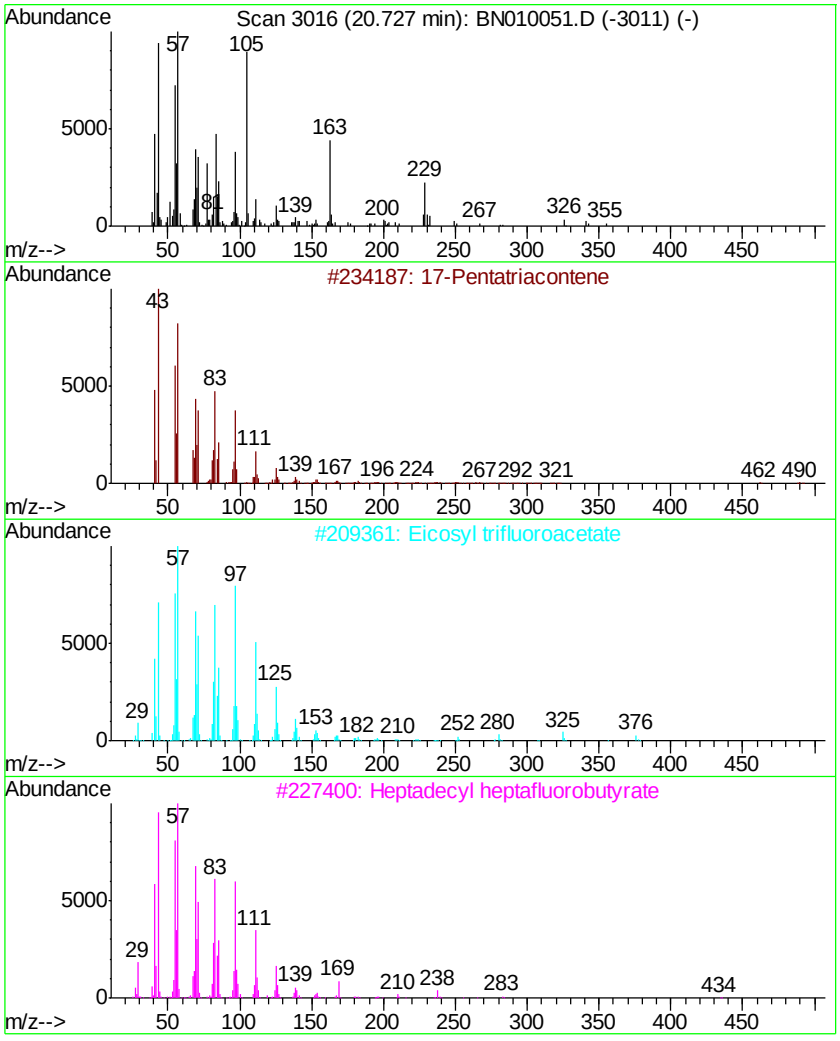
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

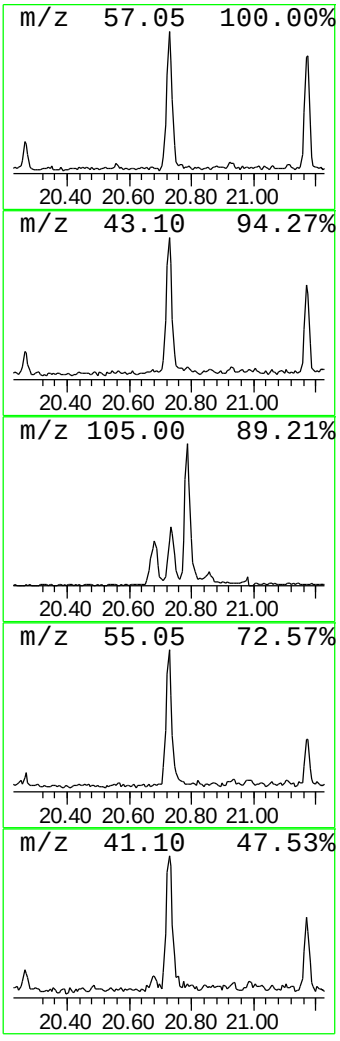
****

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.73	3.72 ng/ul	421098	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	55
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	49
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	49
4	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	46
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	46





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Sample : L1619-06
Misc :
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Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

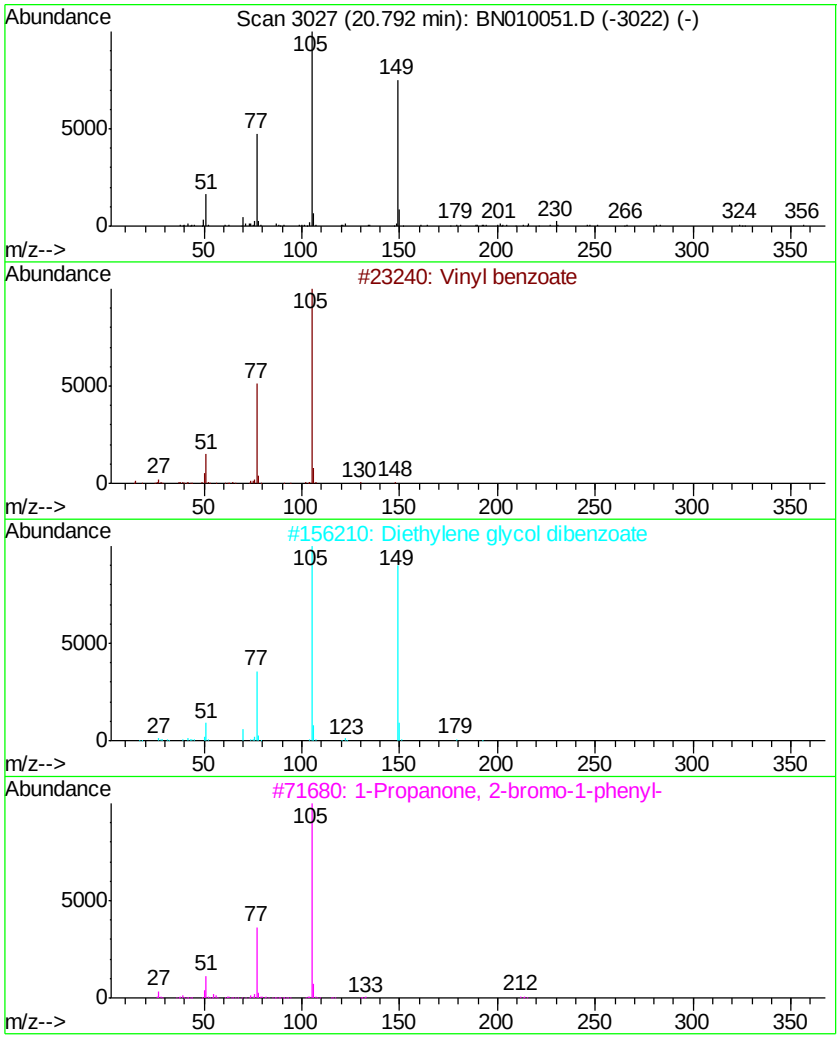
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

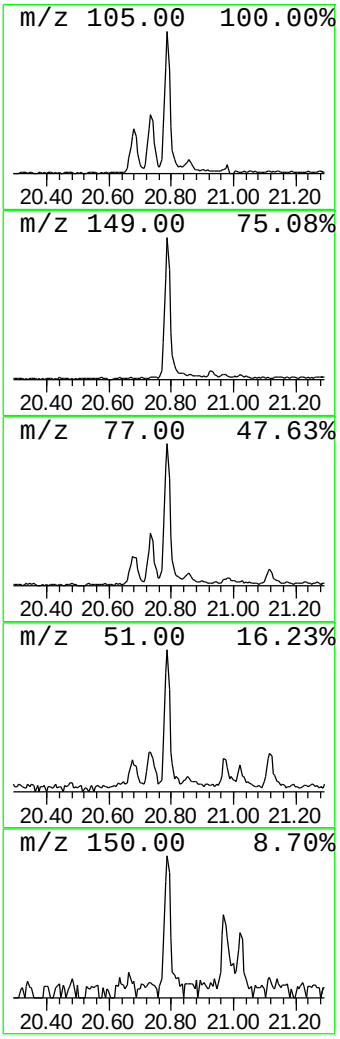
****

Peak Number 25 Vinyl benzoate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.38 ng/ul	269391	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinyl benzoate	148	C9H8O2	000769-78-8	53
2	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	49
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47
5	1,3,4-Oxadiazin-6-one, 5-isoprop...	216	C12H12N2O2	173973-78-9	47





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Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
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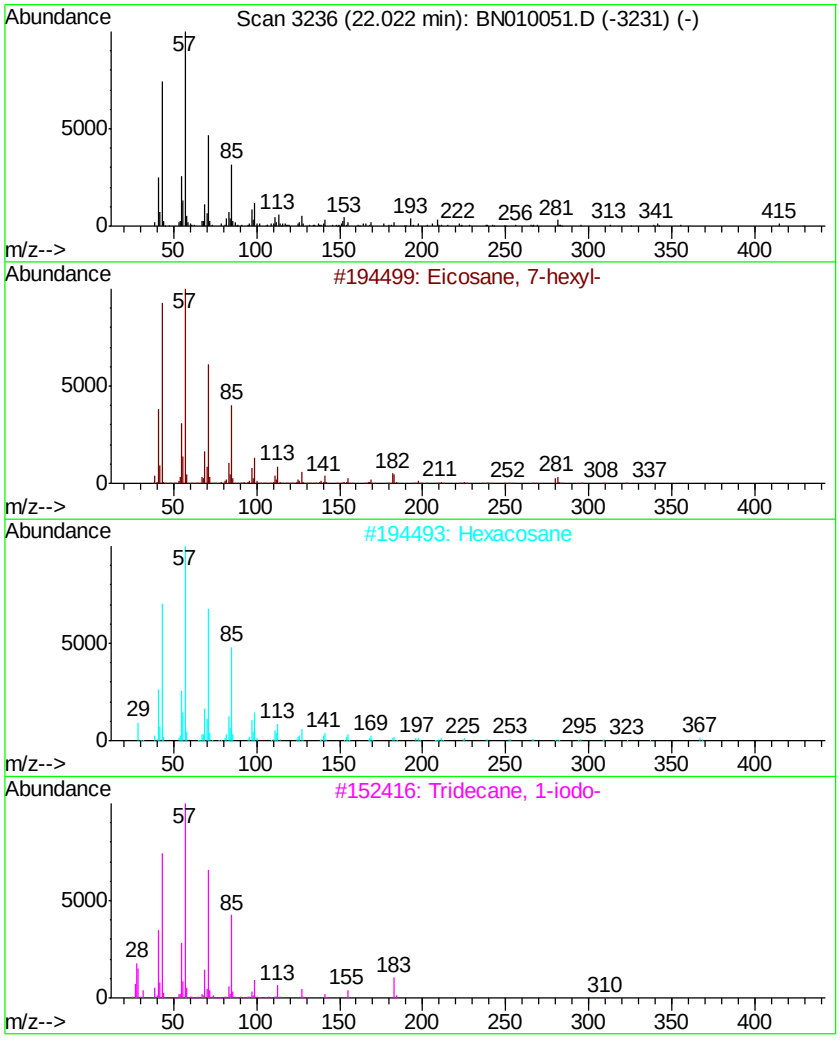
Quant Title : SVOA CALIBRATION

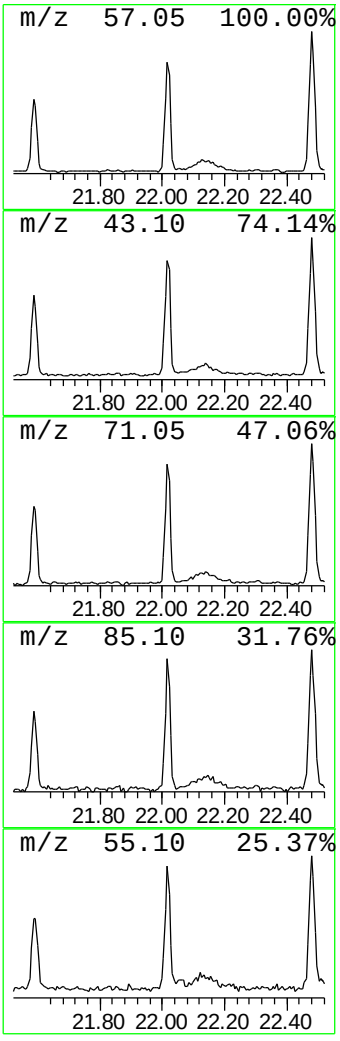
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.02	2.23 ng/ul	252111	Chrysene-d12	20.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
2	Hexacosane	366	C26H54	000630-01-3	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
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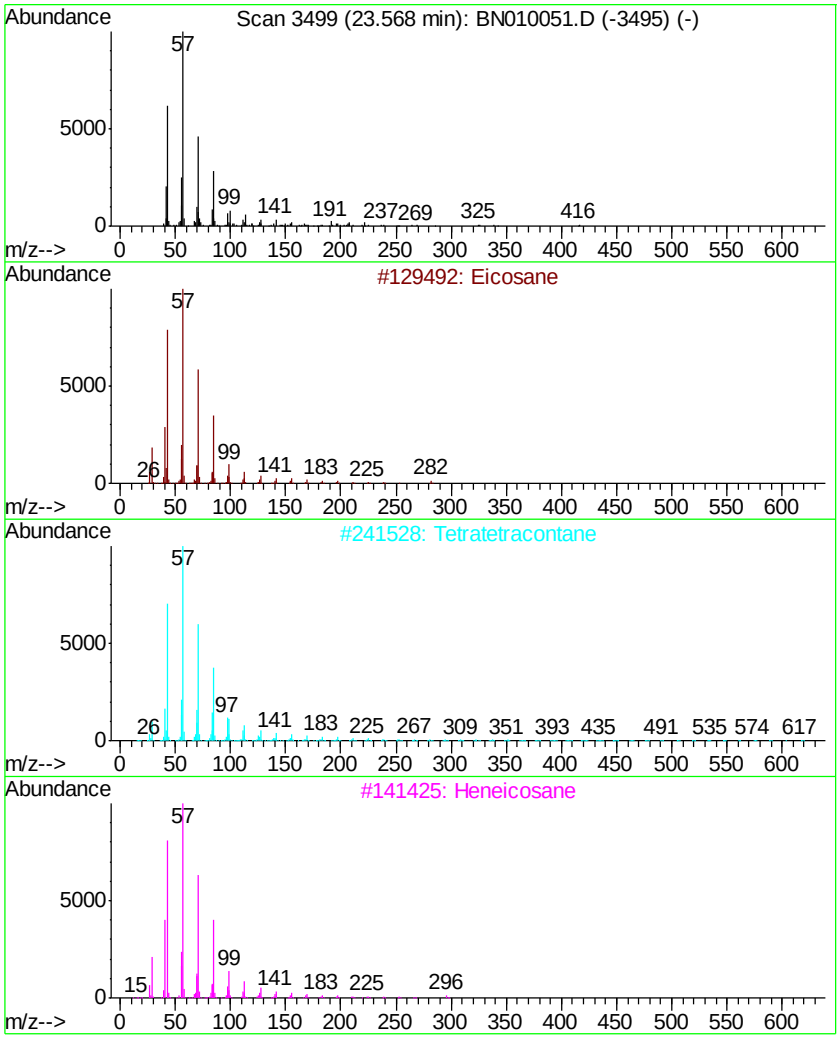
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

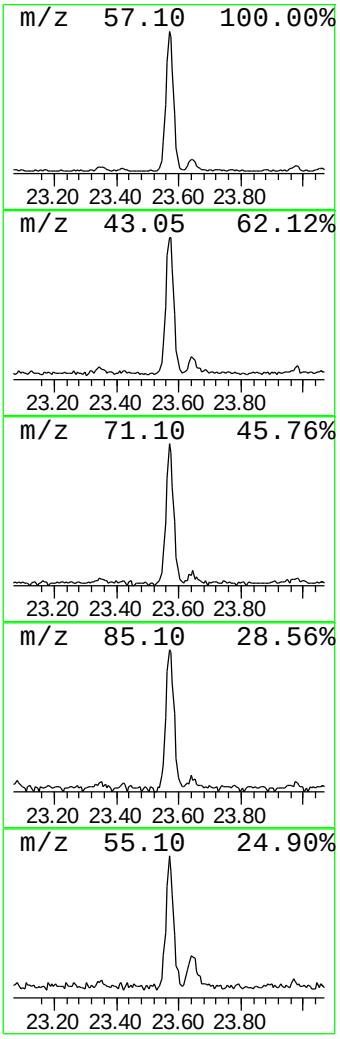
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.57	4.67 ng/ul	336524	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tetratetracontane	619	C44H90	007098-22-8	76
3	Heneicosane	296	C21H44	000629-94-7	74
4	Tetracosane	338	C24H50	000646-31-1	74
5	Octacosane	394	C28H58	000630-02-4	74





Library Search Compound Report

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Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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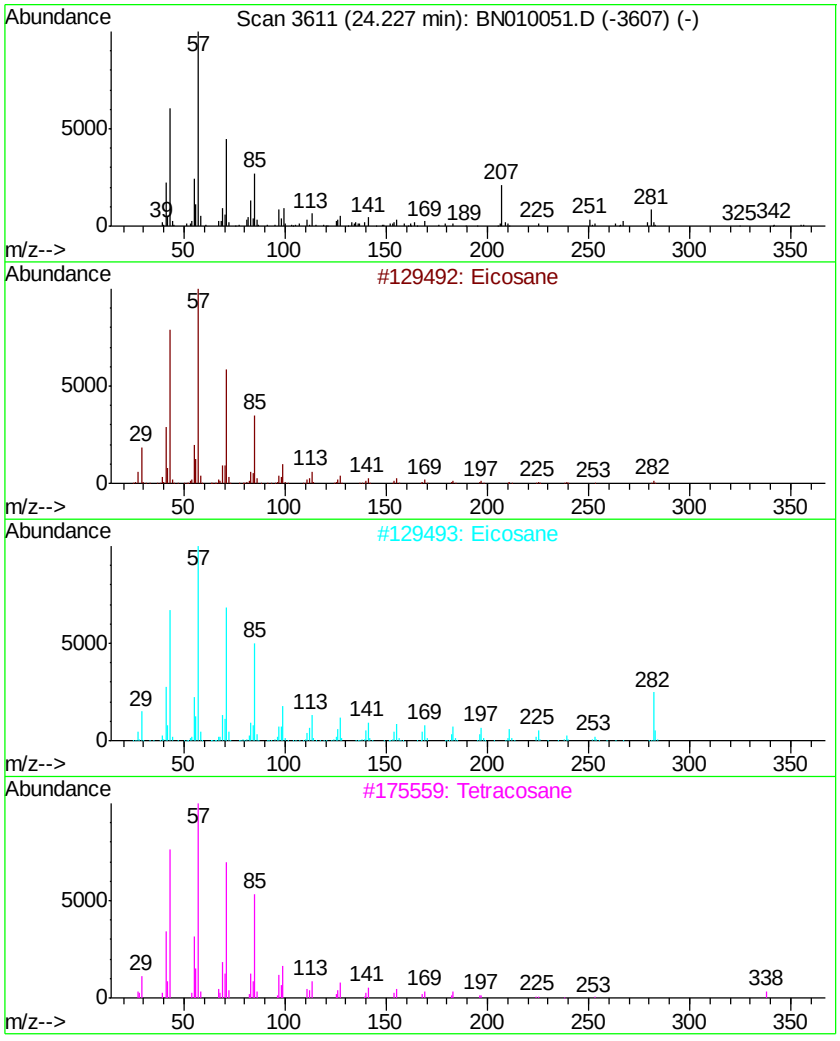
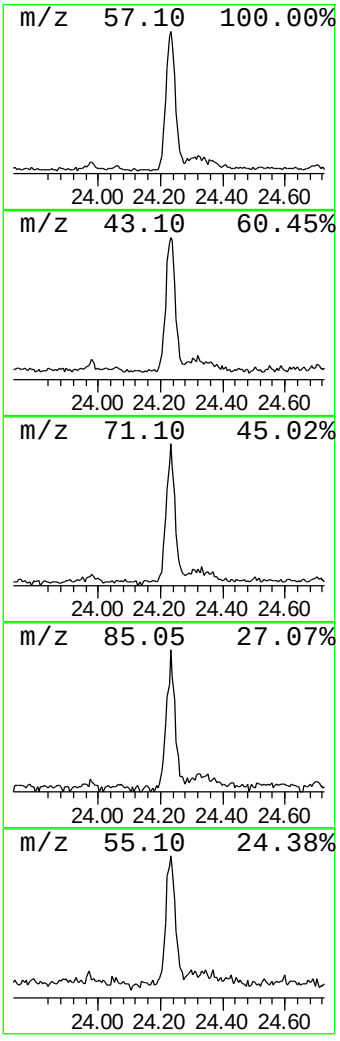
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	3.65 ng/ul	262896	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Eicosane	282	C20H42	000112-95-8	68
3	Tetracosane	338	C24H50	000646-31-1	64
4	Heptadecane	240	C17H36	000629-78-7	64
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	64





Tentatively Identified Compound (LSC) summary

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Data File : BN010051.D
Acq On : 02 Mar 2020 21:51
Operator : CG/JU
Sample : L1619-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDW0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
Naphthalene, 1-me...	12.01	9.3	ng/ul	437770	2	10.11	937604	20.0
Naphthalene, 1-et...	13.03	4.0	ng/ul	299329	3	14.00	1478800	20.0
Naphthalene, 1,6-...	13.16	3.8	ng/ul	279209	3	14.00	1478800	20.0
Naphthalene, 2,3-...	13.32	6.2	ng/ul	459641	3	14.00	1478800	20.0
Naphthalene, 1,7-...	13.38	2.7	ng/ul	202601	3	14.00	1478800	20.0
1,1'-Biphenyl, 4-...	15.32	2.8	ng/ul	204760	3	14.00	1478800	20.0
Dibenzofuran, 4-m...	15.37	6.1	ng/ul	447995	3	14.00	1478800	20.0
9H-Fluoren-9-ol	15.52	8.2	ng/ul	604128	4	16.77	1465700	20.0
9H-Fluorene, 1-me...	16.08	3.9	ng/ul	288074	4	16.77	1465700	20.0
Benzenamine, 3-[2...	16.52	2.5	ng/ul	180507	4	16.77	1465700	20.0
Dibenzothiophene	16.59	9.9	ng/ul	728232	4	16.77	1465700	20.0
Dibenzo[a,e]cyclo...	17.29	2.1	ng/ul	153296	4	16.77	1465700	20.0
Phenanthrene, 2-m...	17.65	6.3	ng/ul	464372	4	16.77	1465700	20.0
Phenanthrene, 1-m...	17.69	8.3	ng/ul	608821	4	16.77	1465700	20.0
1H-Cyclopropa[l]p...	17.77	2.4	ng/ul	175179	4	16.77	1465700	20.0
4H-Cyclopenta[def...	17.84	15.3	ng/ul	1122390	4	16.77	1465700	20.0
Anthracene, 9-met...	17.87	2.3	ng/ul	171613	4	16.77	1465700	20.0
Naphthalene, 2-ph...	18.15	5.0	ng/ul	367269	4	16.77	1465700	20.0
4b,8-Dimethyl-2-i...	18.40	4.1	ng/ul	302622	4	16.77	1465700	20.0
Pyrene, 1-methyl-	19.54	2.0	ng/ul	226672	5	20.99	2261080	20.0
11H-Benzo[a]fluorene	19.72	3.3	ng/ul	368726	5	20.99	2261080	20.0
11H-Benzo[b]fluorene	19.82	3.5	ng/ul	395273	5	20.99	2261080	20.0
(DEL) Alkane: Str...	20.73	3.7	ng/ul	421098	5	20.99	2261080	20.0
Vinyl benzoate	20.79	2.4	ng/ul	269391	5	20.99	2261080	20.0
(DEL) Alkane: Str...	22.02	2.2	ng/ul	252111	5	20.99	2261080	20.0
(DEL) Alkane: Str...	23.57	4.7	ng/ul	336524	6	23.08	1441030	20.0
(DEL) Alkane: Str...	24.23	3.6	ng/ul	262896	6	23.08	1441030	20.0