LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034321.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.490	377	383	393	rBV	3022008	4481678	53.14%	4.678%
2	7.096	648	656	671	rBV	2923827	4655262	55.19%	4.859%
3	7.937	792	799	807	rBV	624304	975577	11.57%	1.018%
4	9.101	985	997	1009	rBV	1798705	3015064	35.75%	3.147%
5	10.748	1268	1277	1282	rBV	798130	1365551	16.19%	1.425%
6	10.801	1282	1286	1295	rVB	458512	736404	8.73%	0.769%
7	12.413	1551	1560	1568	rBV	234494	382587	4.54%	0.399%
8	12.630	1587	1597	1606	rVB	243059	395636	4.69%	0.413%
9	13.207	1688	1695	1706	rBV	4533597	6314768	74.87%	6.591%
10	13.419	1725	1731	1737	rBV	71270	106037	1.26%	0.111%
11	13.613	1758	1764	1773	rVB	45273	92654	1.10%	0.097%
12	13.760	1779	1789	1795	rBV2	83030	228433	2.71%	0.238%
13	13.901	1806	1813	1818	rBV	165639	290552	3.44%	0.303%
14	13.954	1818	1822	1830	rVB	94579	151943	1.80%	0.159%
15	14.136	1846	1853	1857	rBV	91608	151664	1.80%	0.158%
16	14.301	1872	1881	1889	rBV	191831	314578	3.73%	0.328%
17	14.577	1919	1928	1934	rBV	1177943	1775933	21.06%	1.854%
18	14.642	1934	1939	1946	rVB	486145	702171	8.33%	0.733%
19	14.889	1974	1981	1986	rVV2	54431	91452	1.08%	0.095%
20	14.971	1989	1995	2004	rVV	396240	614325	7.28%	0.641%
21	15.054	2004	2009	2015	rVB	63099	89151	1.06%	0.093%
22	15.195	2027	2033	2038	rBV3	54468	98313	1.17%	0.103%
23	15.366	2054	2062	2065	rBV3	50729	109446	1.30%	0.114%
24	15.624	2100	2106	2116	rVB	832282	1235738	14.65%	1.290%
25	15.783	2130	2133	2138	rVB2	103771	140958	1.67%	0.147%
26	15.918	2151	2156	2166	rVB	156684	266842	3.16%	0.279%
27	16.060	2173	2180	2189	rBV	3677815	5279210	62.59%	5.510%
28	16.295	2216	2220	2234	rVB6	52196	117379	1.39%	0.123%
29	16.624	2265	2276	2281	rBV3	162800	382262	4.53%	0.399%
30	16.671	2281	2284	2290	rVV2	90122	128481	1.52%	0.134%
31	16.771	2296	2301	2307	rVB	90227	149023	1.77%	0.156%
32	16.854	2307	2315	2318	rBV3	76250	161617	1.92%	0.169%
33	16.895	2318	2322	2325	rVB2	67963	92294	1.09%	0.096%
34	16.971	2331	2335	2342	rVB3	76581	133713	1.59%	0.140%
35	17.048	2344	2348	2350	rBV2	76316	110456	1.31%	0.115%
36	17.136	2358	2363	2372	rVB	296528	465791	5.52%	0.486%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.318	2388	2394	2397	rBV	1299871	1918893	22.75%	2.003%
38	17.360	2397	2401	2408	rVV	5031239	7088874	84.05%	7.399%
39	17.448	2408	2416	2422	rVV	1032261	1544804	18.32%	1.612%
40	17.507	2422	2426	2432	rVV3	87310	152316	1.81%	0.159%
41	17.718	2454	2462	2466	rBV	381652	599180	7.10%	0.625%
42	17.836	2479	2482	2486	rVB	73231	90524	1.07%	0.094%
43	17.901	2489	2493	2501	rVB2	91513	137710	1.63%	0.144%
44	18.042	2513	2517	2526	rVB	57302	113970	1.35%	0.119%
45	18.195	2538	2543	2547	rBV	578521	929672	11.02%	0.970%
46	18.242	2547	2551	2559	rVB	791423	1133610	13.44%	1.183%
47	18.324	2559	2565	2570	rBV	270636	414059	4.91%	0.432%
48	18.395	2570	2577	2580	rVV3	861148	1591942	18.87%	1.662%
49	18.424	2580	2582	2589	rVB	391310	487322	5.78%	0.509%
50	18.695	2623	2628	2631	rBV	374851	501513	5.95%	0.523%
51	18.730	2631	2634	2639	rVB2	150718	202896	2.41%	0.212%
52	18.942	2666	2670	2674	rVV	129722	158524	1.88%	0.165%
53	18.989	2675	2678	2681	rVV	104085	129106	1.53%	0.135%
54	19.030	2681	2685	2688	rVB2	93741	128374	1.52%	0.134%
55	19.112	2694	2699	2703	rBV	274260	445997	5.29%	0.465%
56	19.248	2718	2722	2731	rBV2	143461	315820	3.74%	0.330%
57	19.371	2738	2743	2749	rBV	4805701	6295610	74.64%	6.571%
58	19.436	2750	2754	2757	rVV2	138988	183876	2.18%	0.192%
59	19.471	2757	2760	2765	rVV4	104185	192158	2.28%	0.201%
60	19.518	2765	2768	2772	rVB	109981	145398	1.72%	0.152%
61	19.612	2781	2784	2788	rBV	128337	168116	1.99%	0.175%
62	19.706	2795	2800	2801	rBV2	651847	916803	10.87%	0.957%
63	19.736	2801	2805	2813	rVV	3989047	5527475	65.53%	5.769%
64	19.806	2813	2817	2824	rVB2	210201	348728	4.13%	0.364%
65	19.936	2831	2839	2844	rBV	6797221	8434419	100.00%	8.803%
66	20.053	2855	2859	2866	rBV3	252324	590937	7.01%	0.617%
67	20.195	2879	2883	2884	rBV2	138769	194233	2.30%	0.203%
68	20.224	2885	2888	2895	rVB	679179	933553	11.07%	0.974%
69	20.330	2901	2906	2909	rBV	592252	789928	9.37%	0.824%
70	20.383	2911	2915	2920	rVB2	360497	560635	6.65%	0.585%
71	20.524	2936	2939	2942	rBV2	220337	251632	2.98%	0.263%
72	20.571	2943	2947	2951	rVB	258124	375800	4.46%	0.392%
73	21.136	3041	3043	3046	rVB	179784	182652	2.17%	0.191%
74	21.177	3047	3050	3052	rBV	275155	334181	3.96%	0.349%
75	21.477	3096	3101	3107	rBV2	2547190	5134886	60.88%	5.359%
76	21.530	3107	3110	3117	rVB	1742054	2174922	25.79%	2.270%

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_M\Methods\8270-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.171	3383	3389	3394	rBV	1096116	2722812	32.28%	2.842%
78	23.694	3473	3478	3487	rVB	709758	1409466	16.71%	1.471%
79	23.794	3489	3495	3503	rBV	1069850	2281401	27.05%	2.381%
80	23.906	3508	3514	3519	rVV2	899153	1774701	21.04%	1.852%

Sum of corrected areas: 95812371

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
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Misc :
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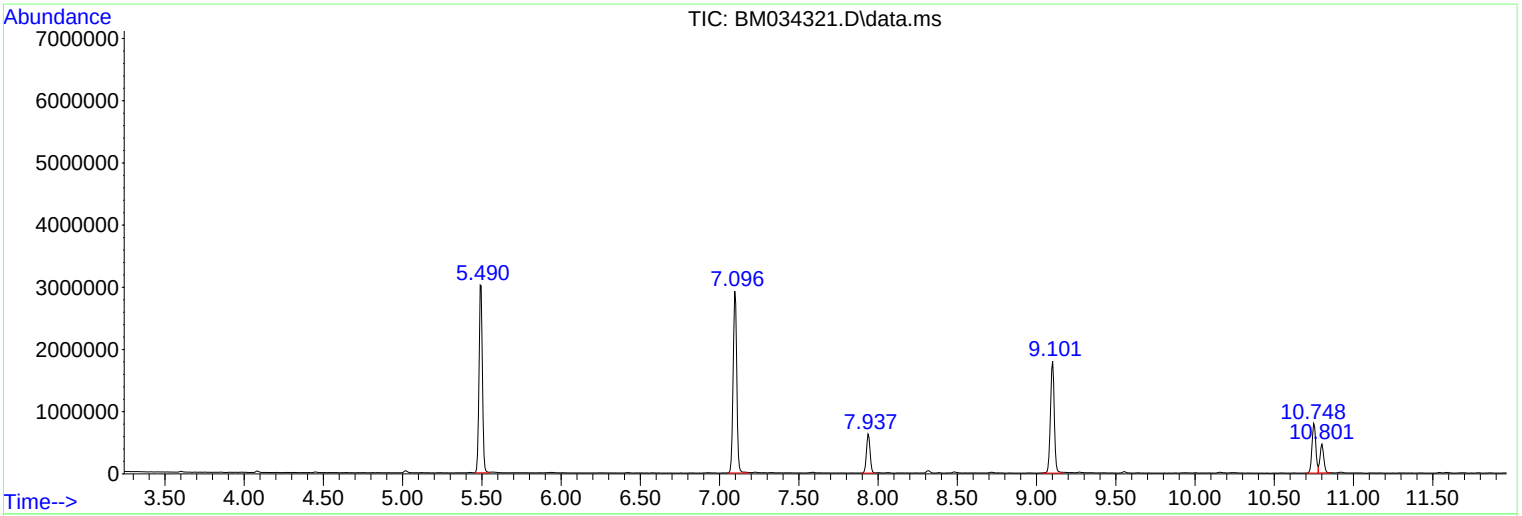
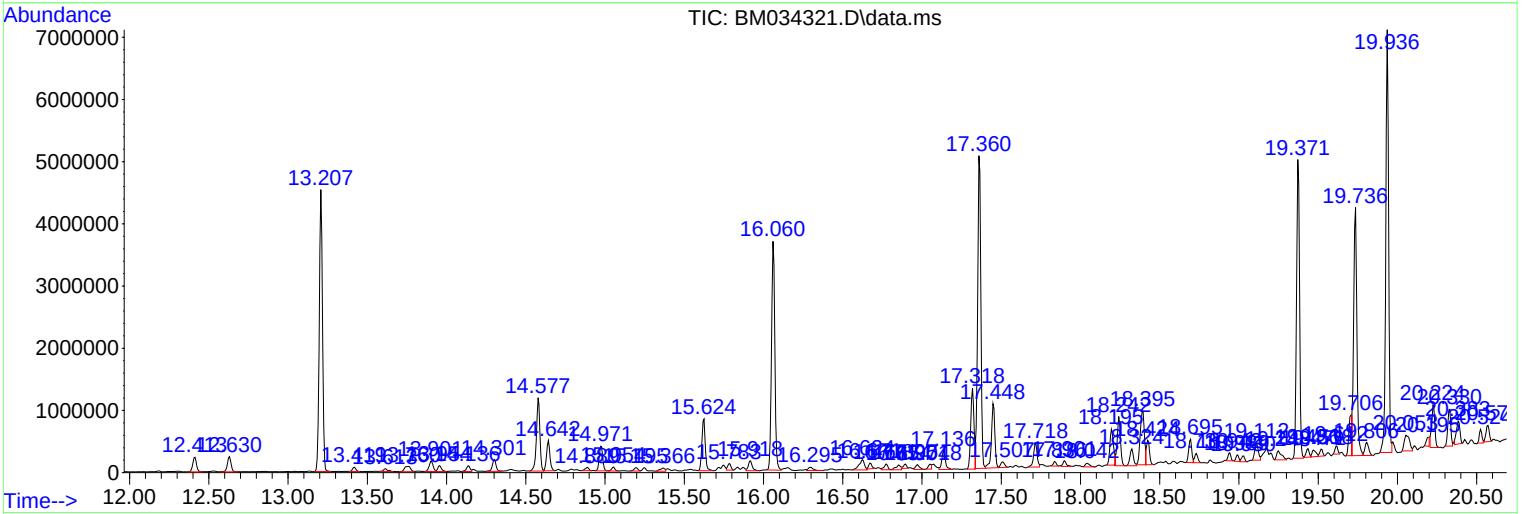
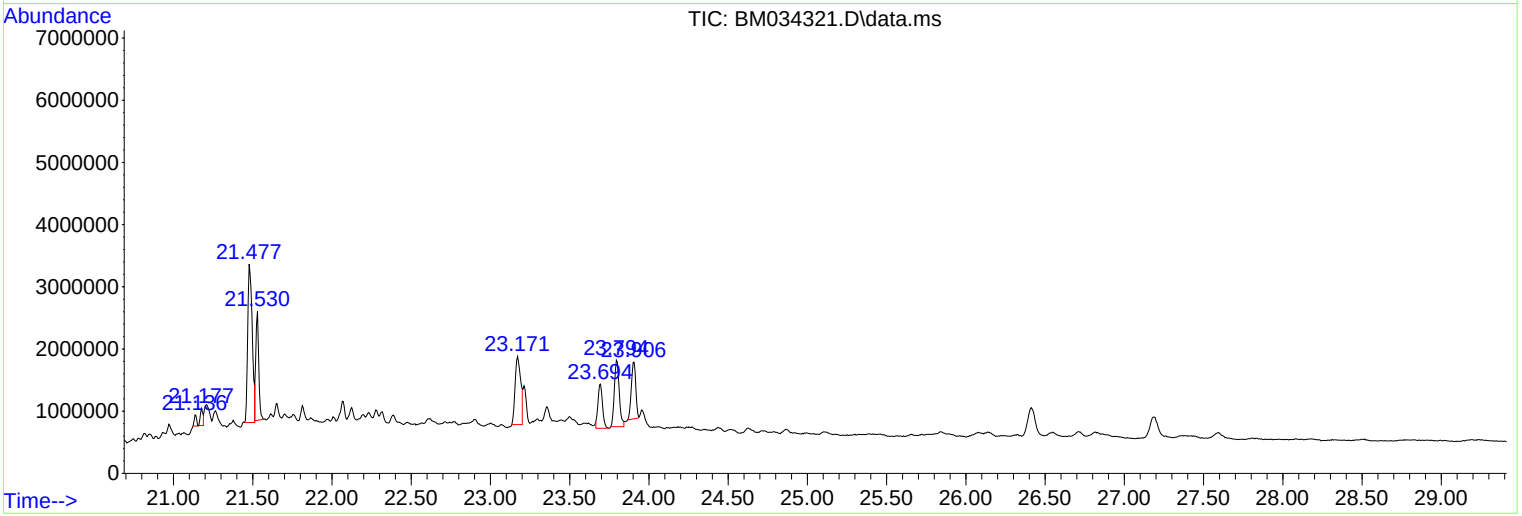
Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

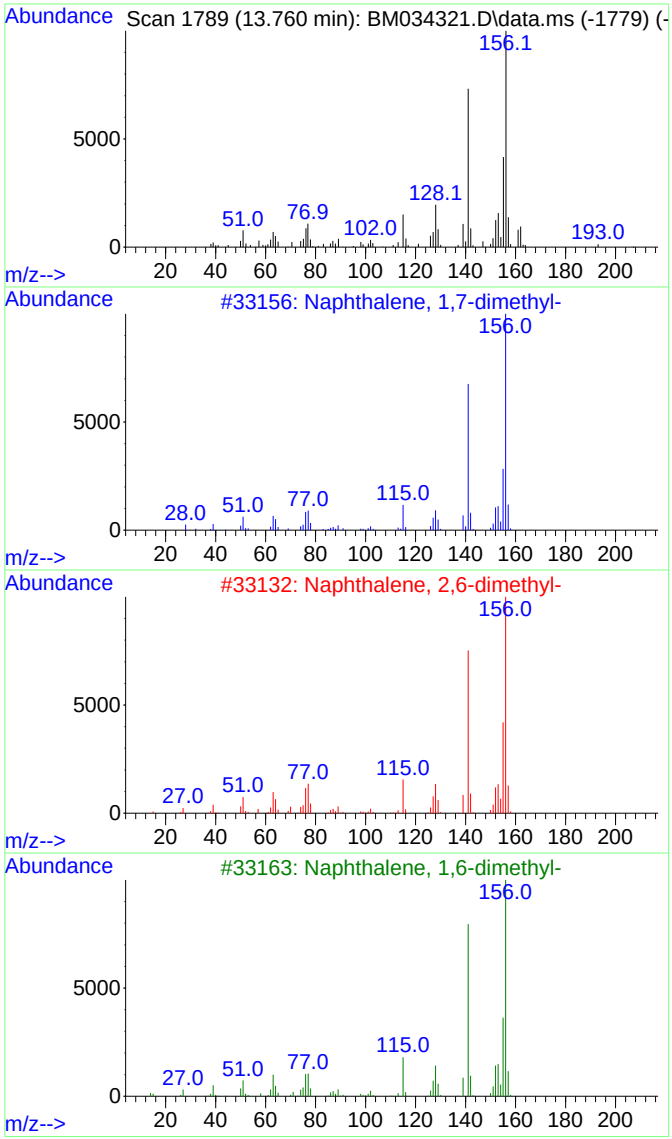
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

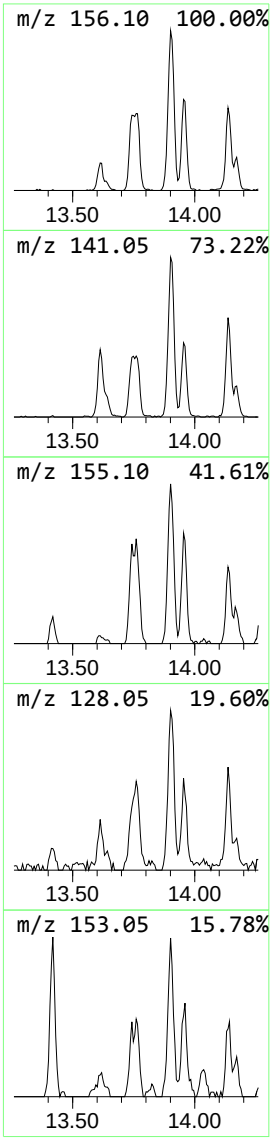
****

Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	2.57 ng	228433	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

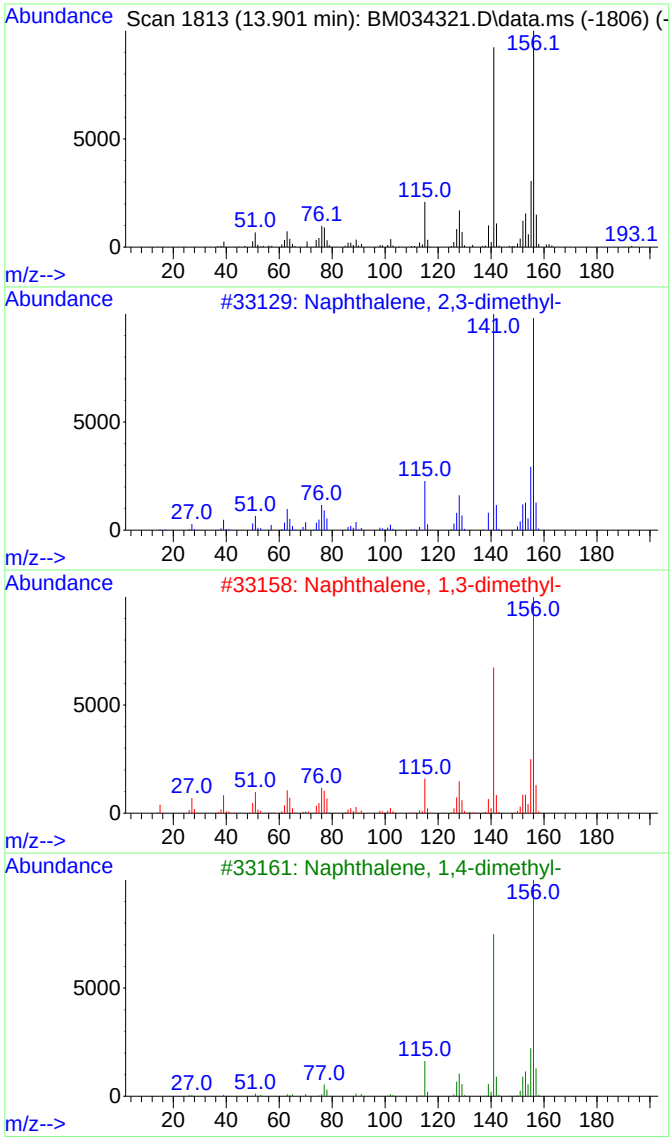
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

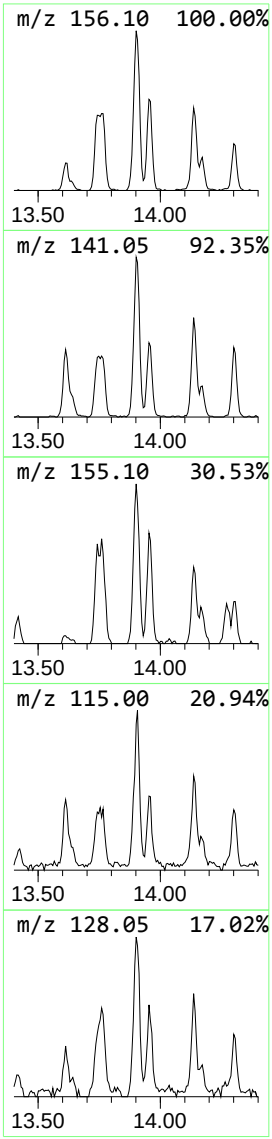
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.901	3.27 ng	290552	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

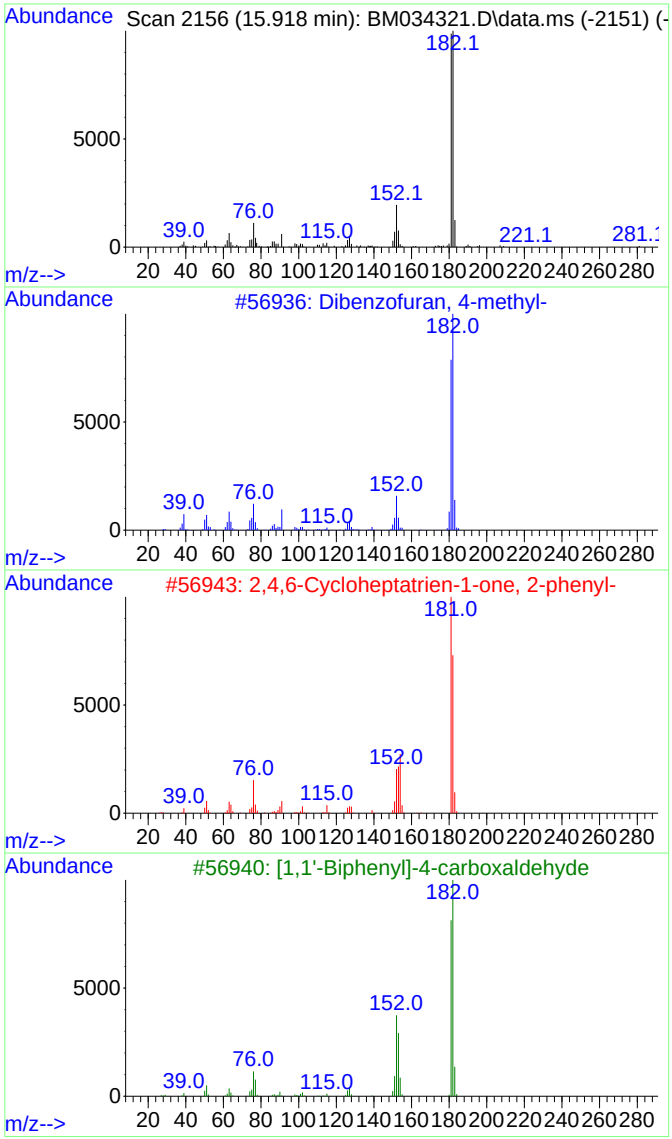
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

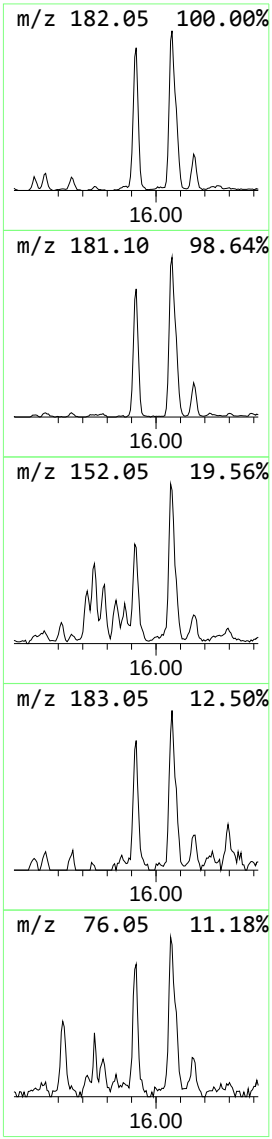
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.919	3.01 ng	266842	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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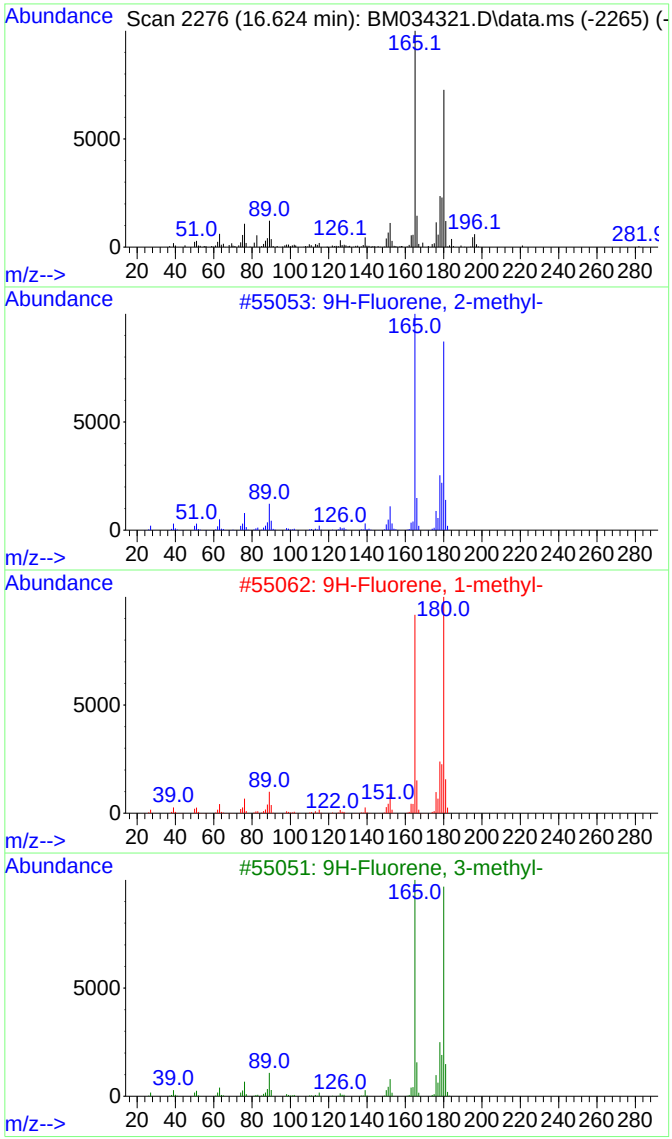
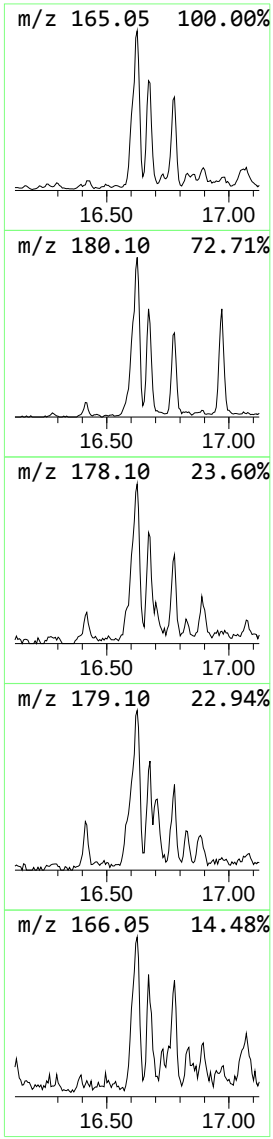
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.624	3.98 ng	382262	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

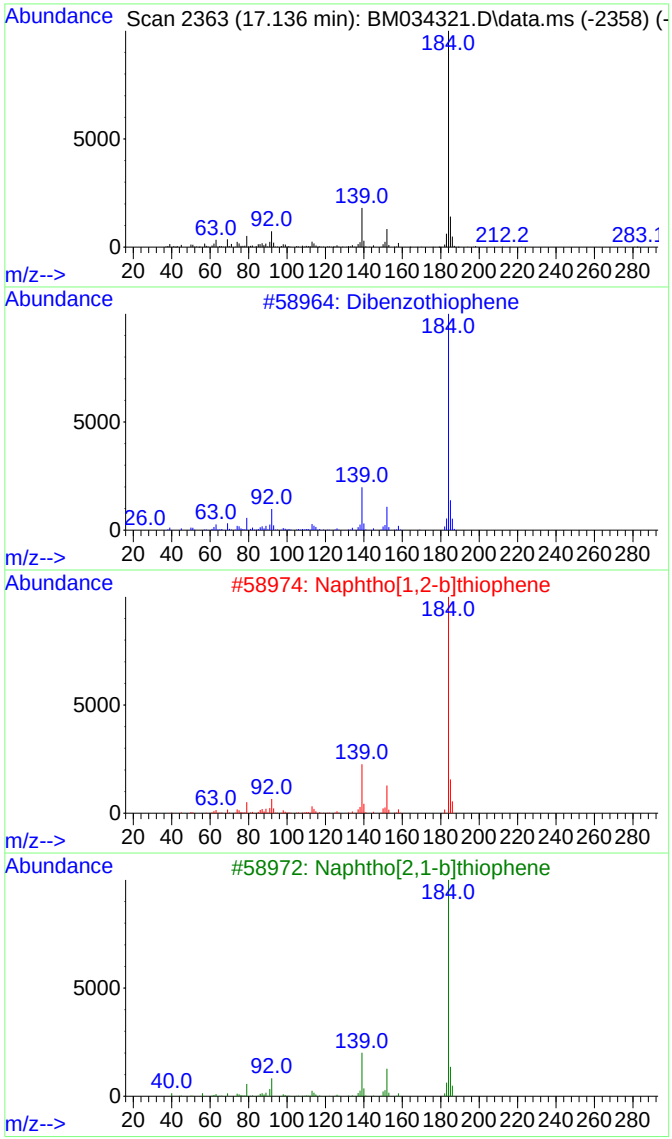
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

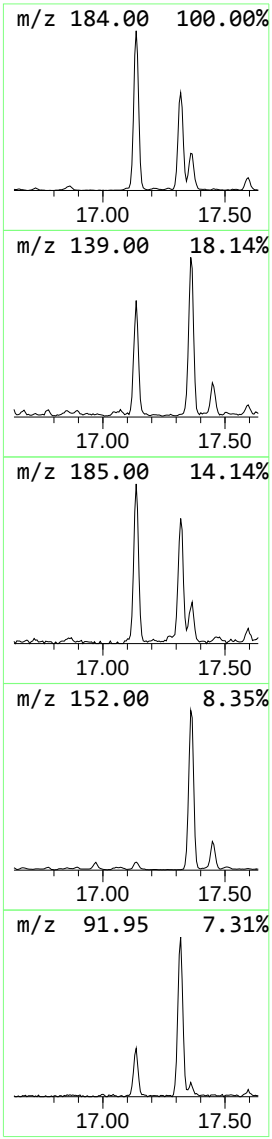
****

Peak Number 5 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	4.85 ng	465791	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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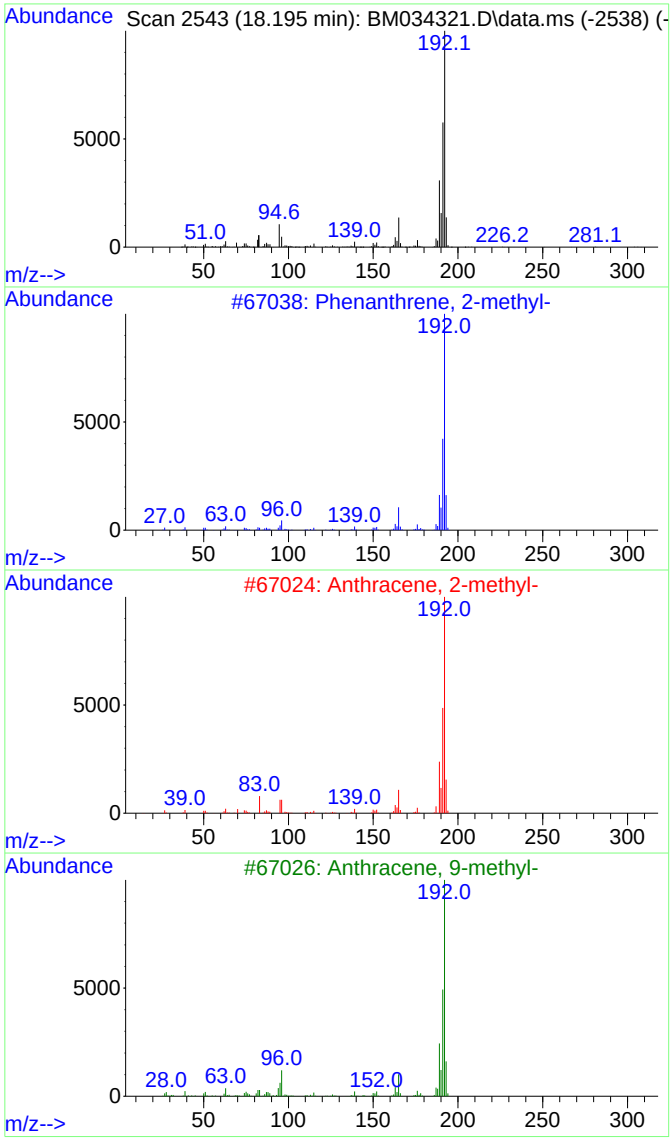
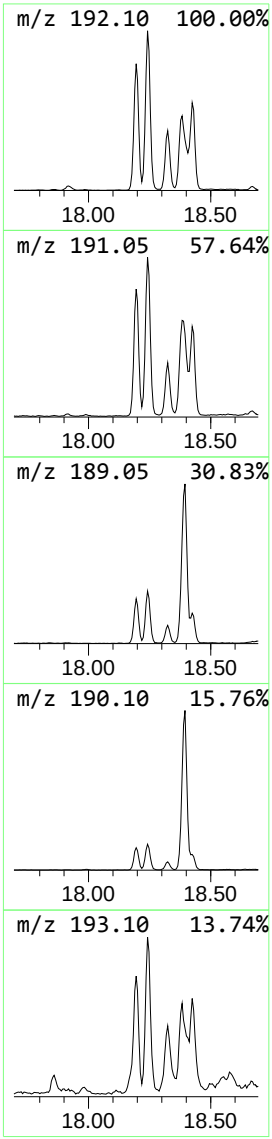
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	9.69 ng	929672	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Sample : N1962-01
Misc :
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ClientSampleId :
C-16-15-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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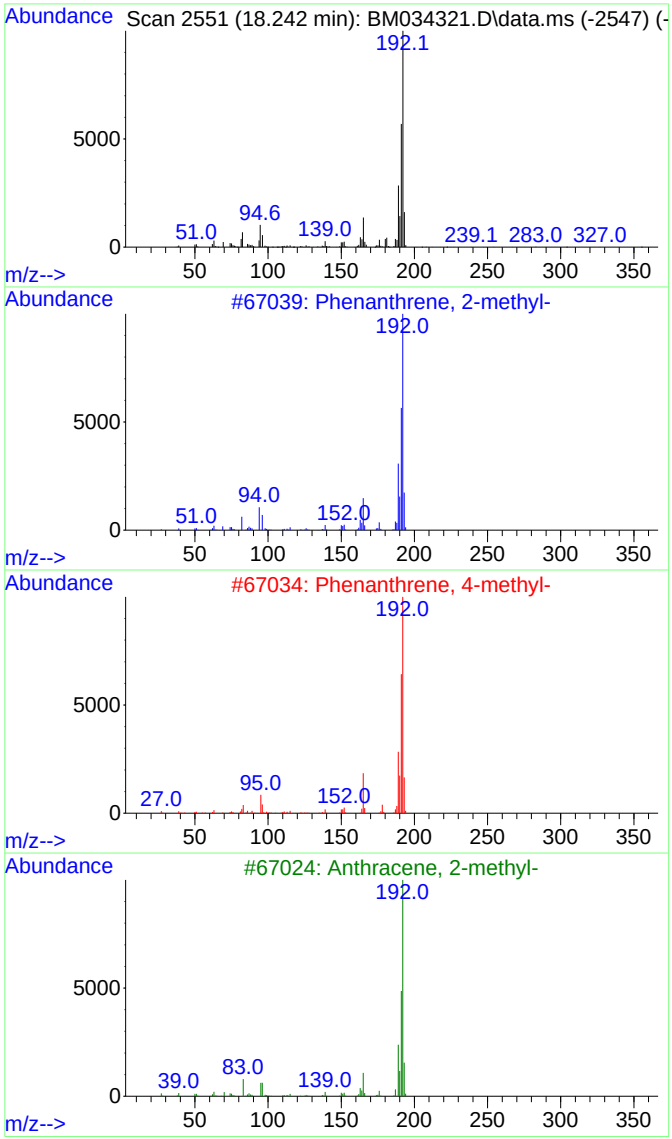
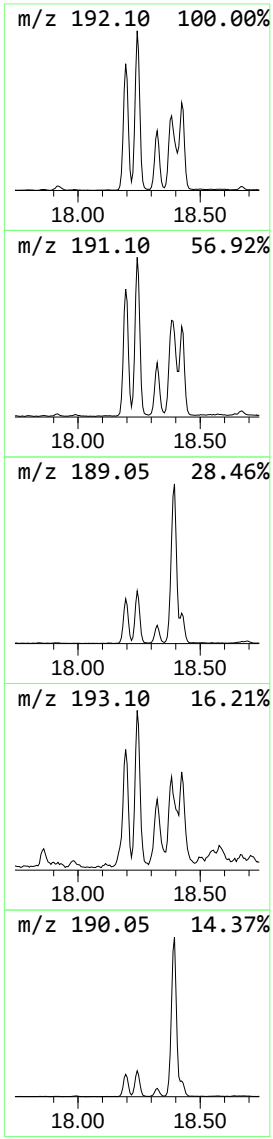
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	11.82 ng	1133610	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Instrument :
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ClientSampleId :
C-16-15-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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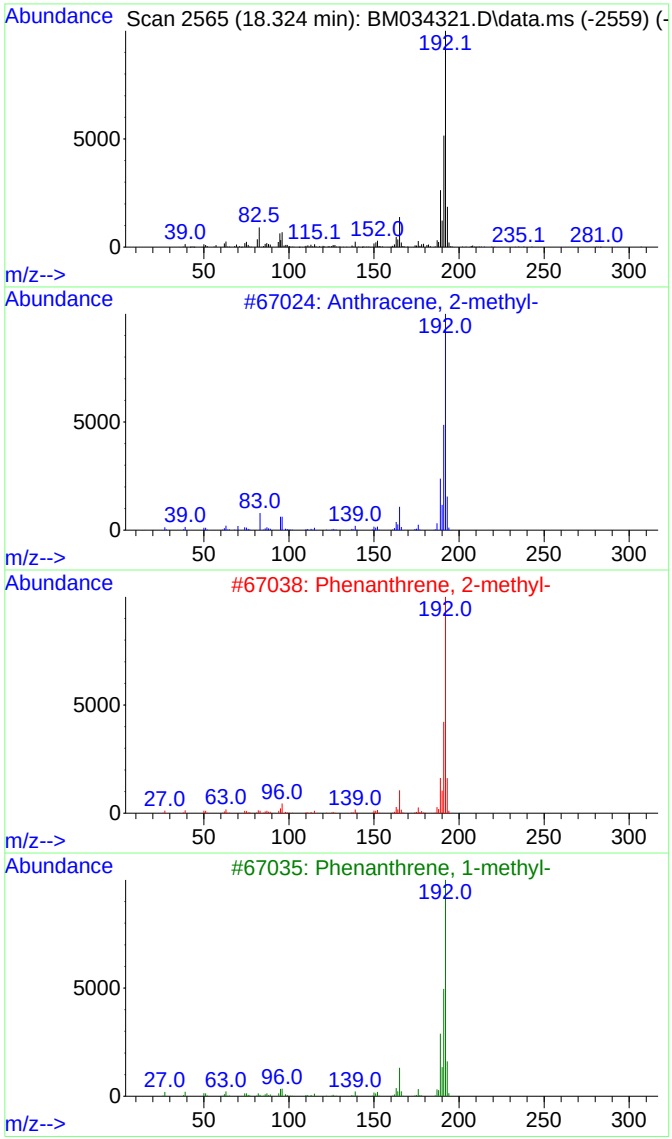
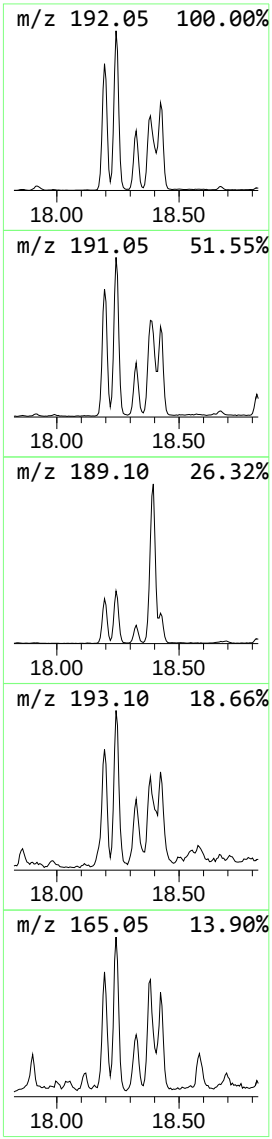
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.324	4.32 ng	414059	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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ClientSampleId :
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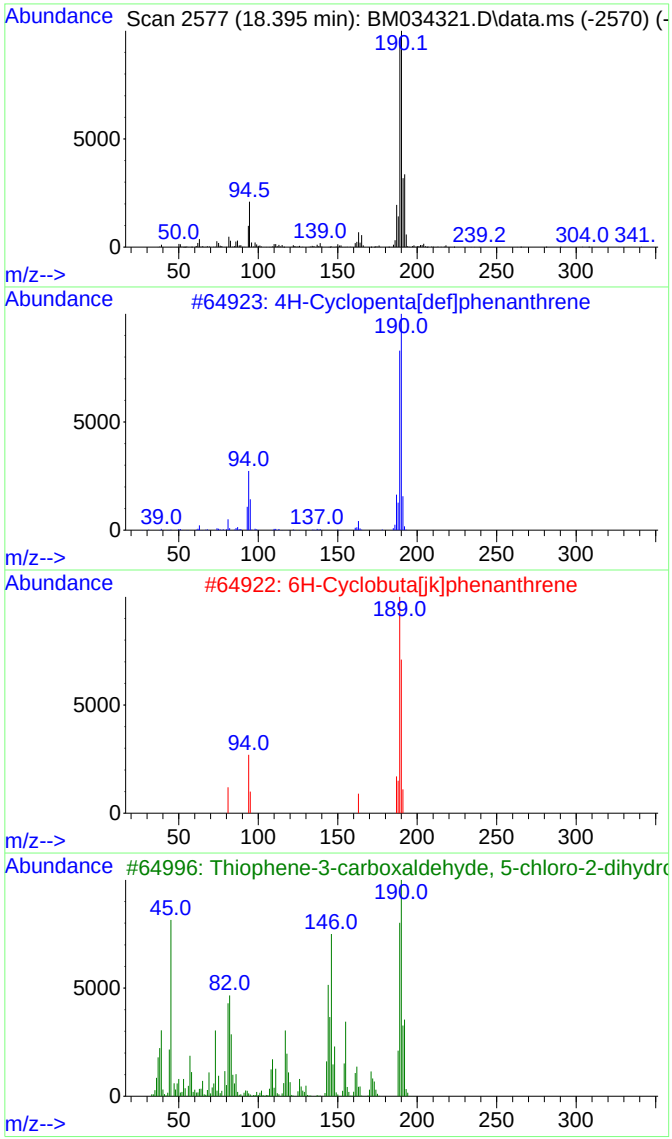
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

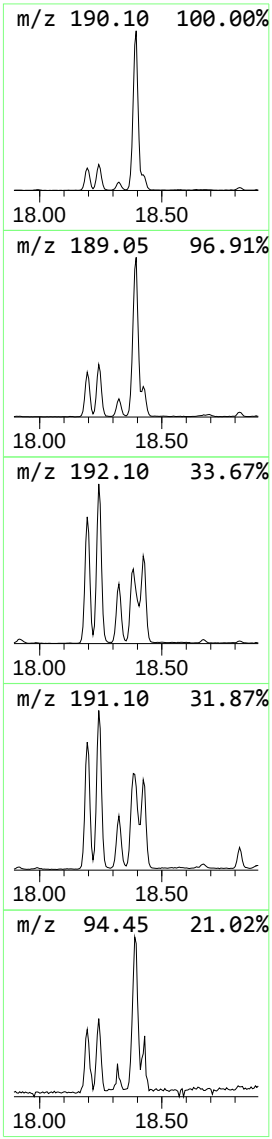
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.395	16.59 ng	1591940	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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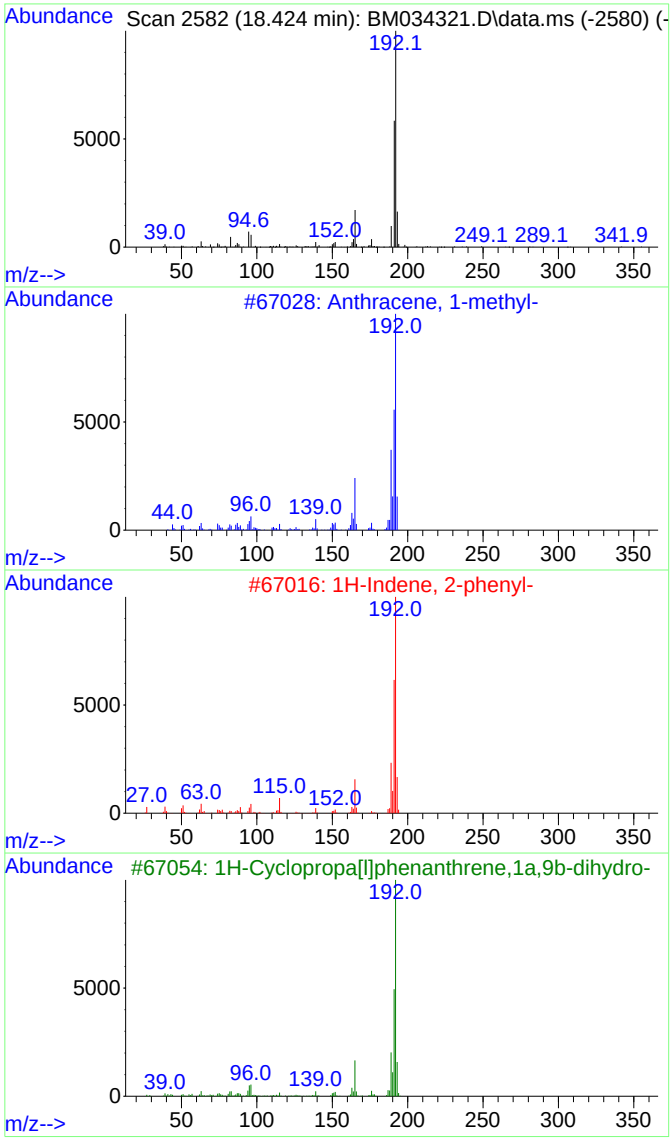
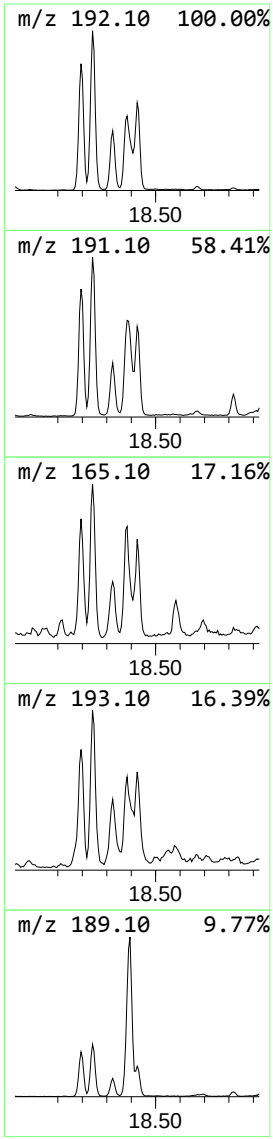
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.424	5.08 ng	487322	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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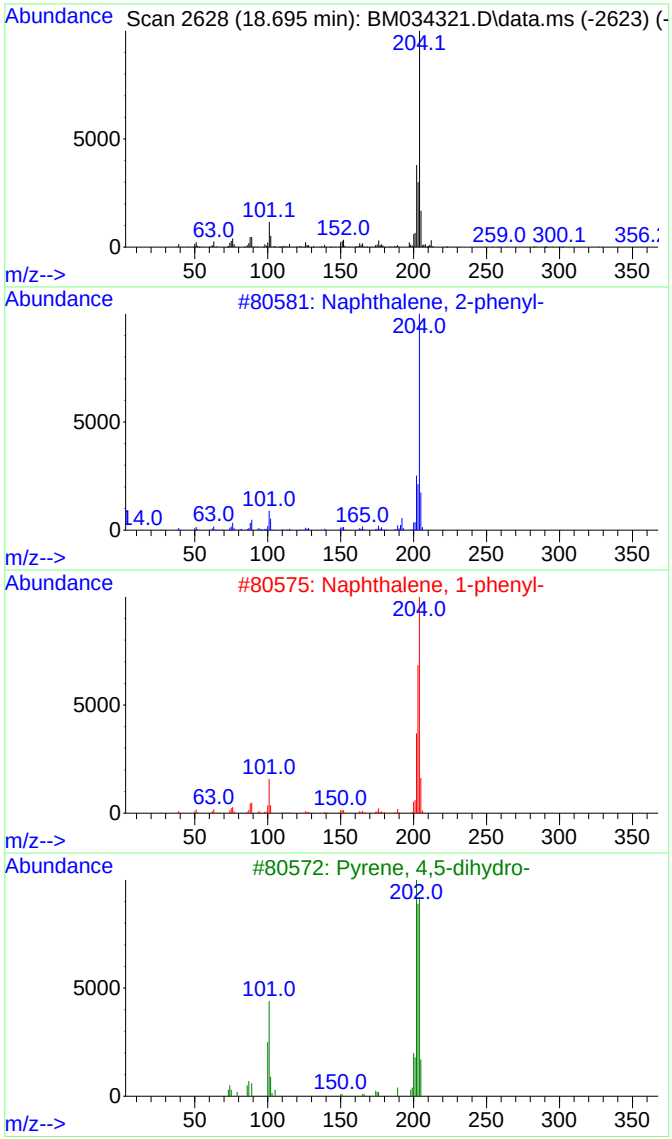
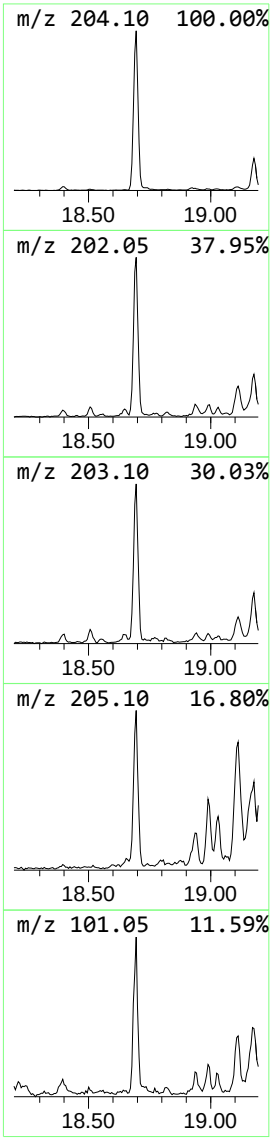
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.695	5.23 ng	501513	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
3	Pyrene, 4,5-dihydro-	204	C16H12	006628-98-4	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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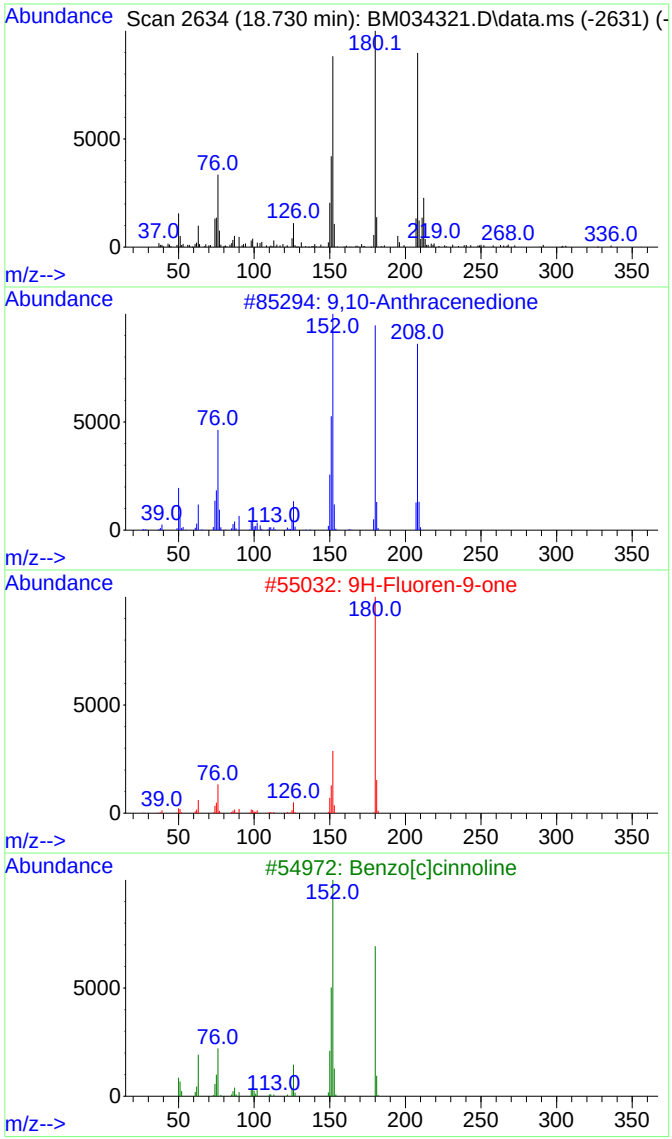
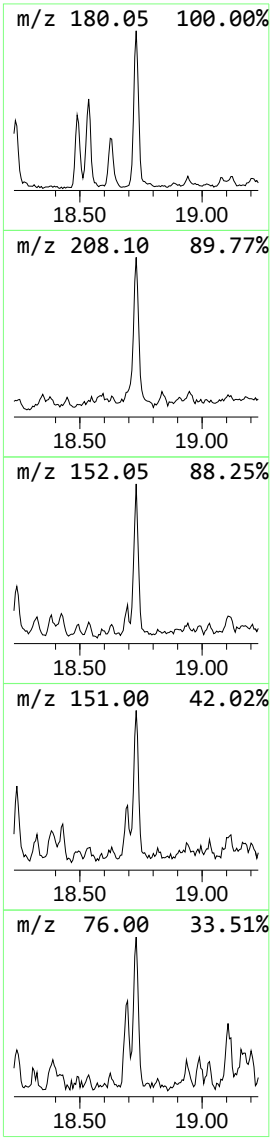
Peak Number 12 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.730	2.11 ng	202896	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C-16-15-16

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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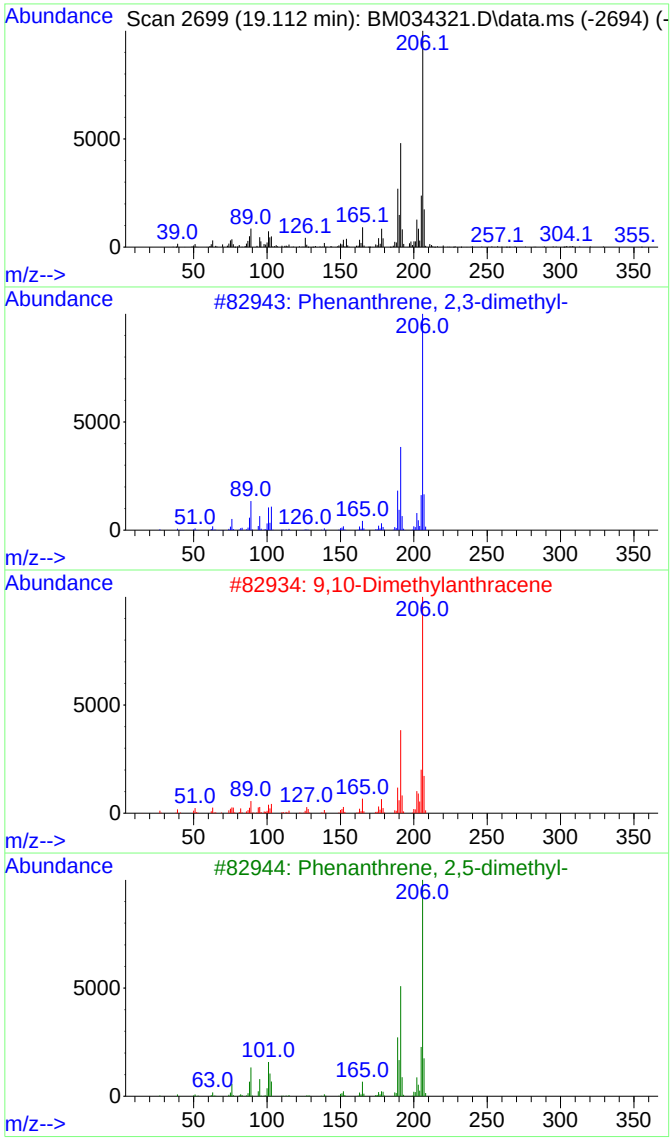
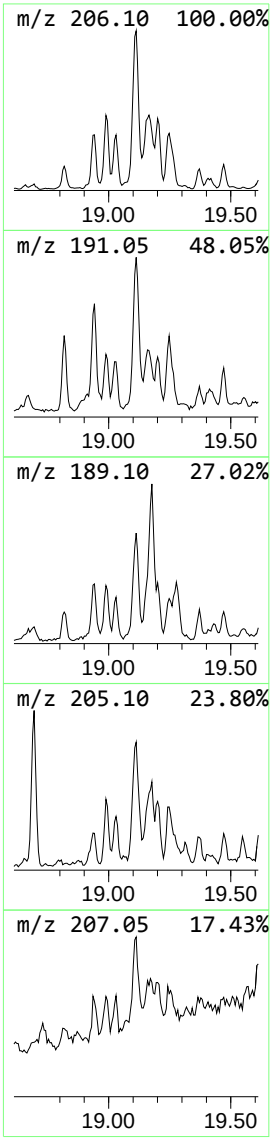
Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.112	4.65 ng	445997	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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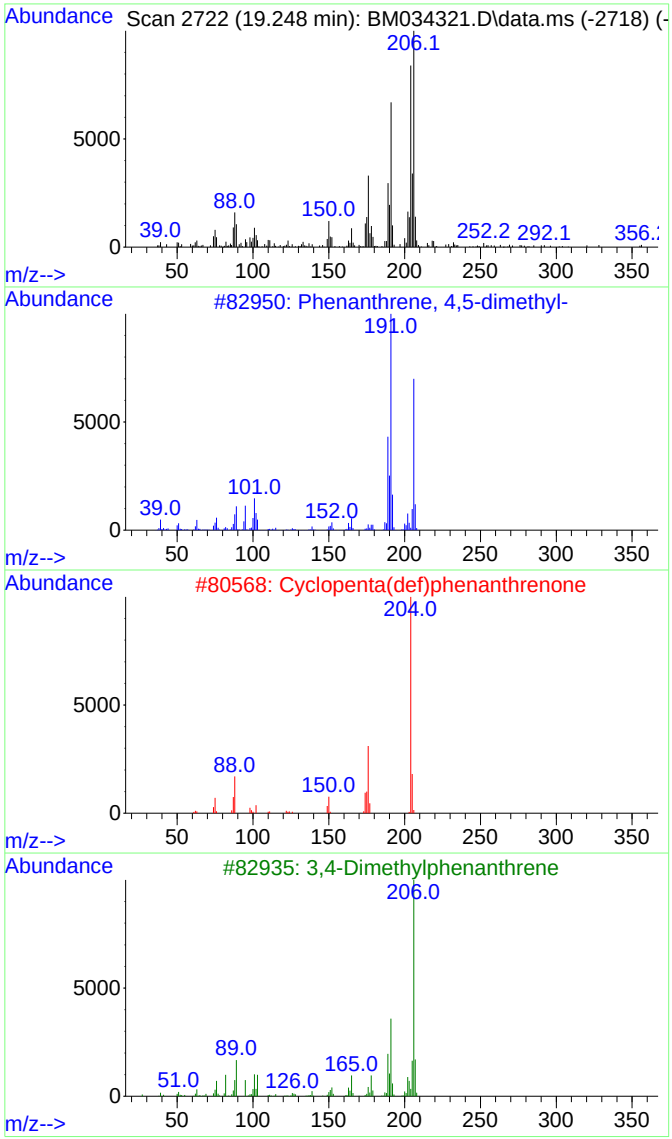
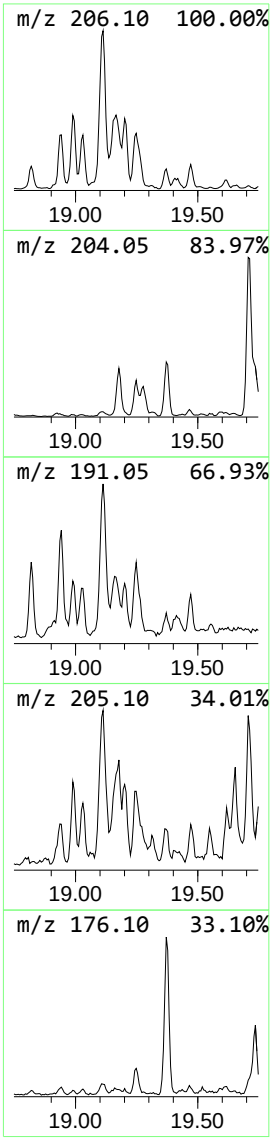
Peak Number 14 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	3.29 ng	315820	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	78
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	74
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	64
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	60
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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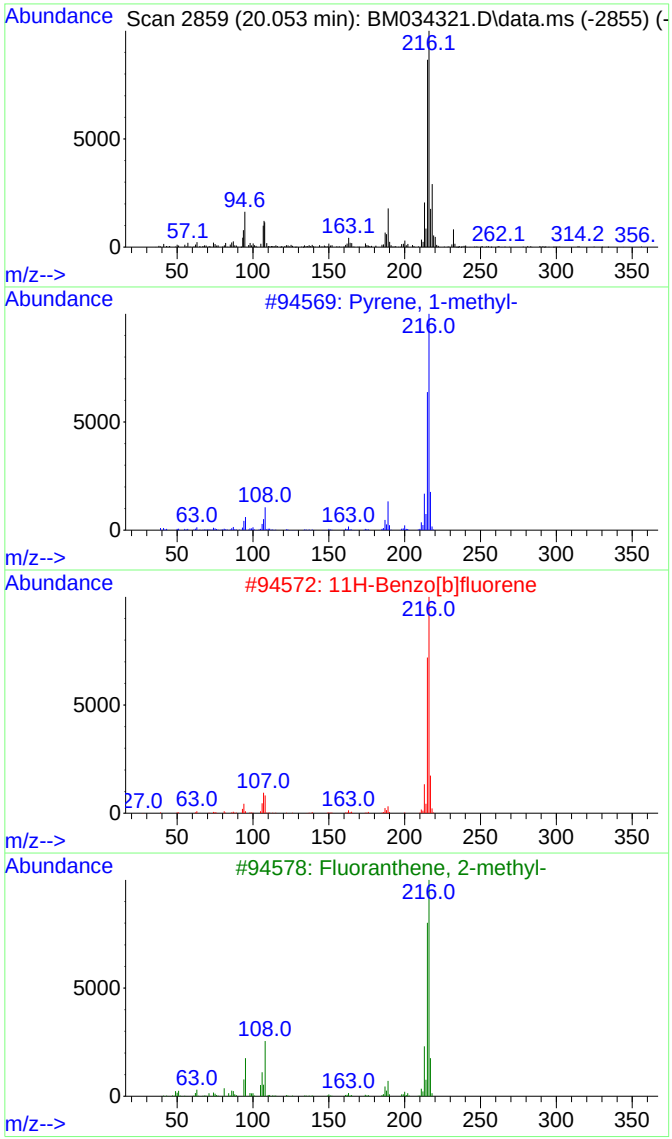
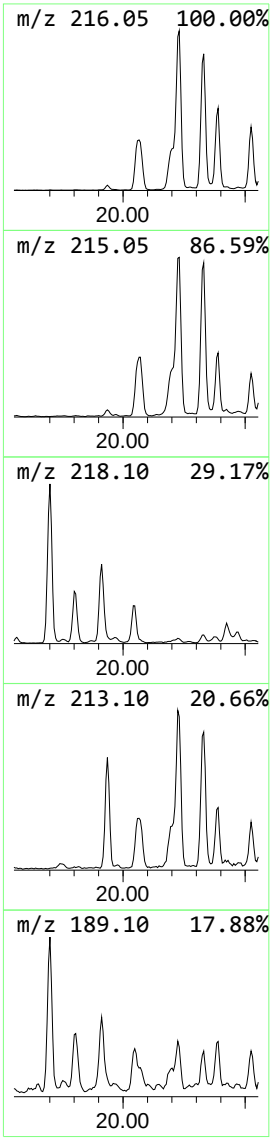
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.054	2.30 ng	590937	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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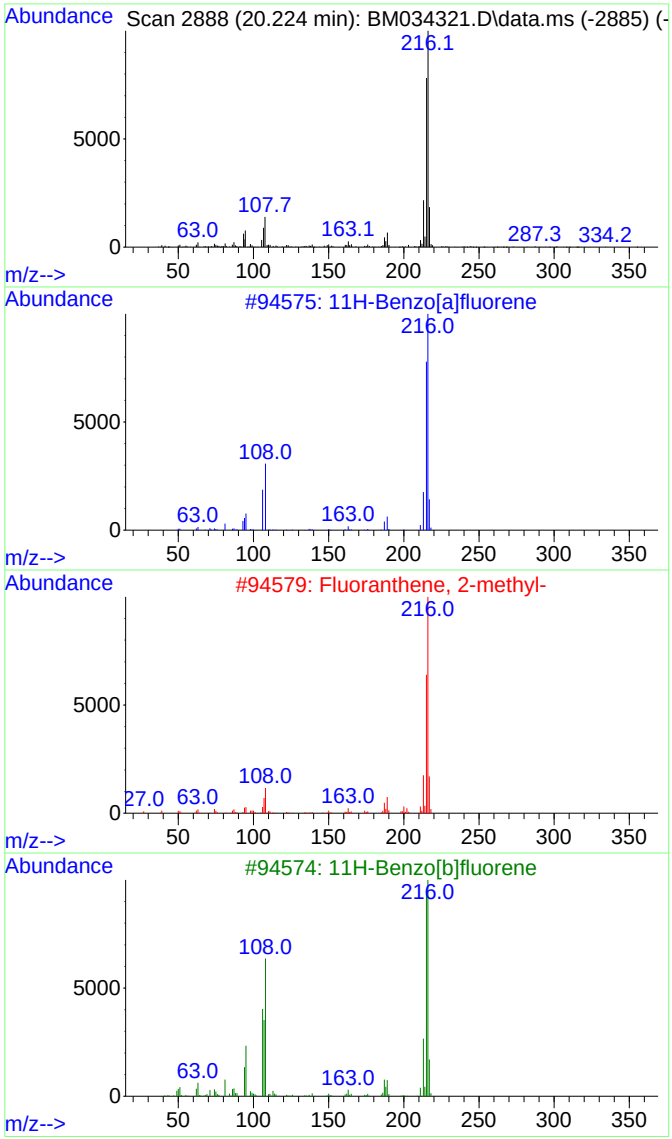
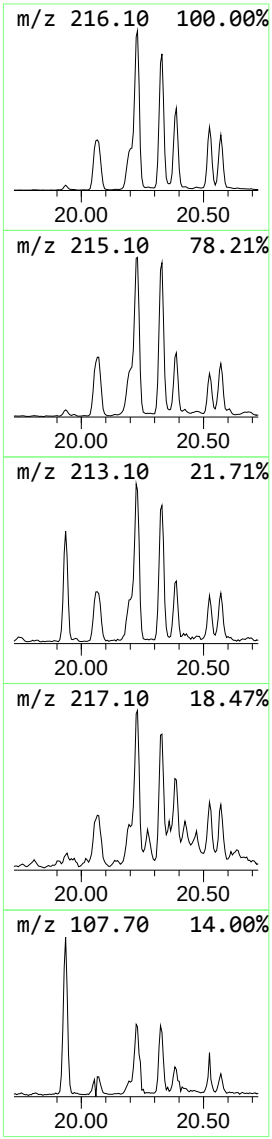
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.224	3.64 ng	933553	Chrysene-d12	21.489

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	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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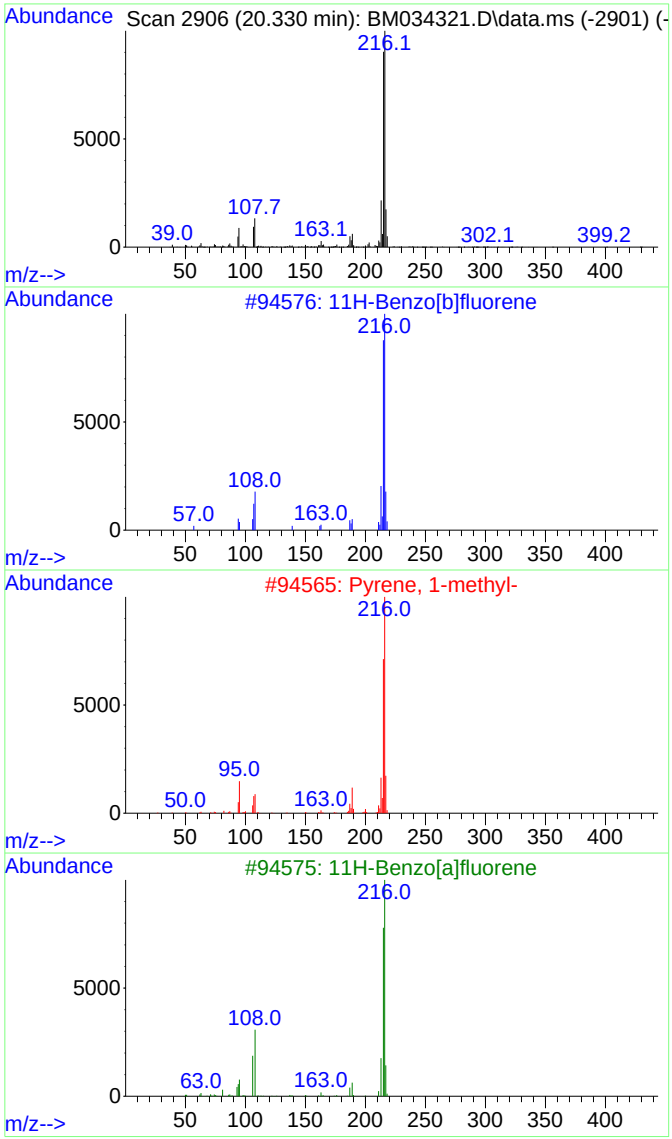
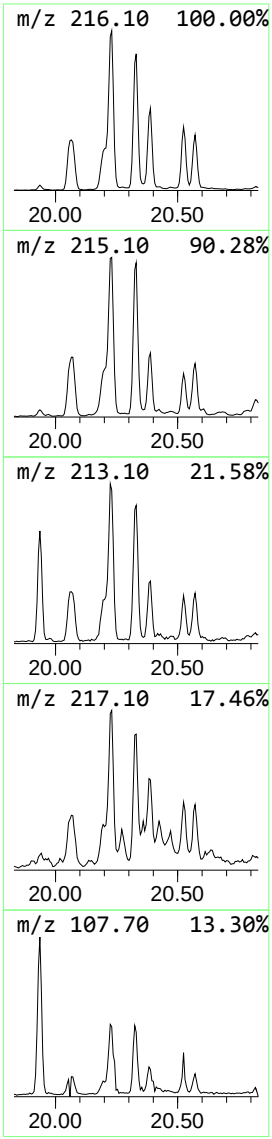
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.330	3.08 ng	789928	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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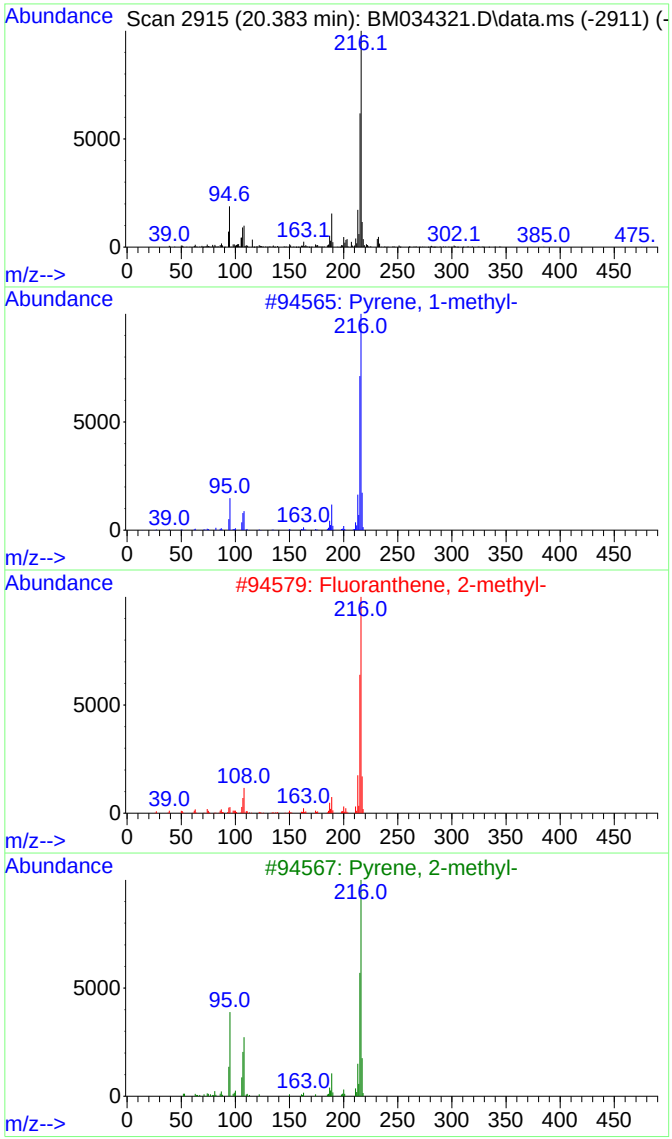
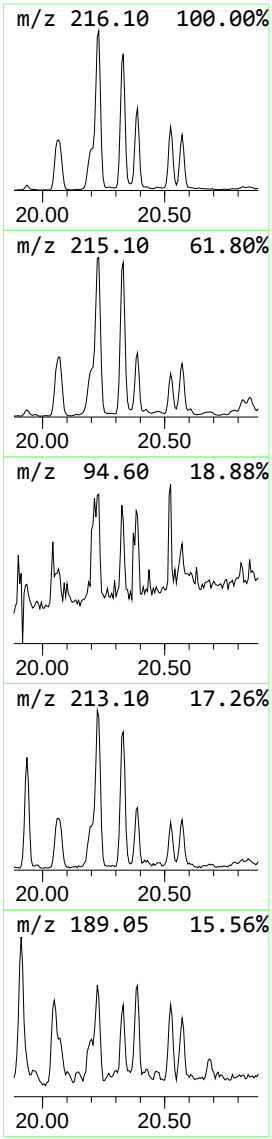
Peak Number 18 Fluoranthene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.383	2.18 ng	560635	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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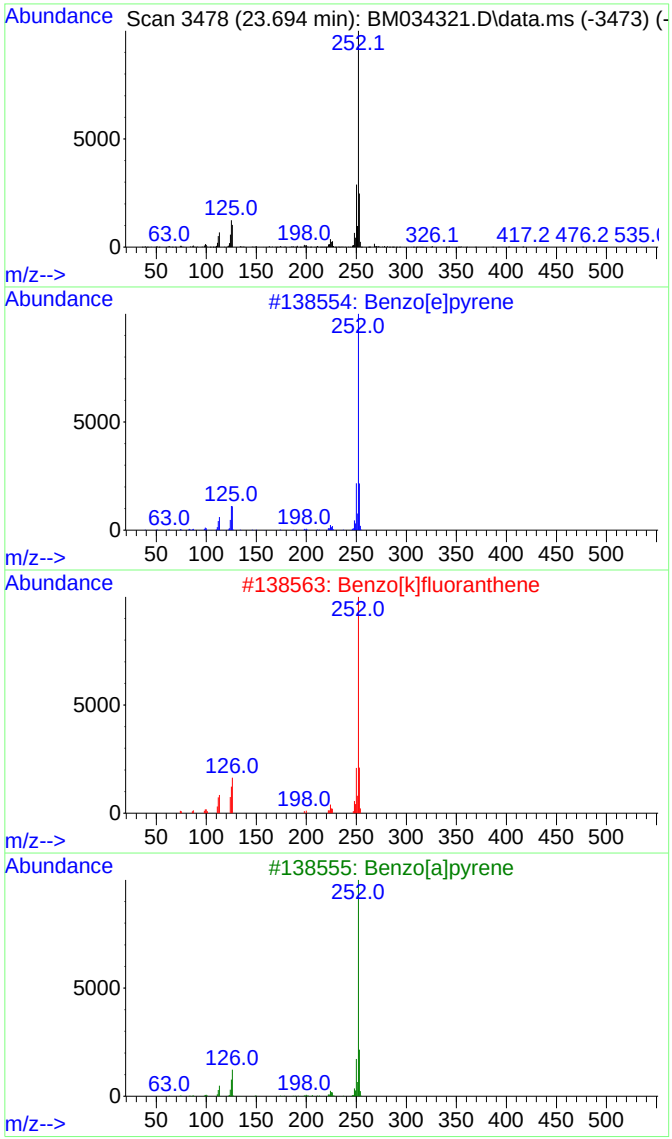
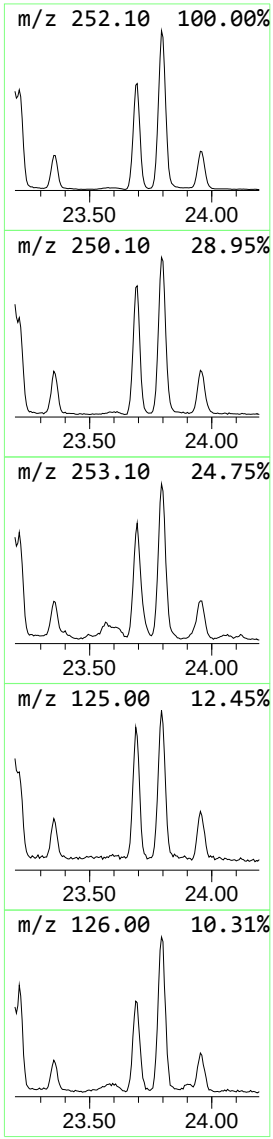
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.694	15.88 ng	1409470	Perylene-d12	23.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034321.D
Acq On : 22 Mar 2022 21:52
Operator : CG/JU
Sample : N1962-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-16-15-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	13.760	2.6	ng	228433	3	14.577	1775930	20.0
Naphthalene, 2,...	13.901	3.3	ng	290552	3	14.577	1775930	20.0
Dibenzofuran, 4...	15.919	3.0	ng	266842	3	14.577	1775930	20.0
9H-Fluorene, 2-...	16.624	4.0	ng	382262	4	17.318	1918890	20.0
Dibenzothiophene	17.136	4.8	ng	465791	4	17.318	1918890	20.0
Phenanthrene, 2...	18.195	9.7	ng	929672	4	17.318	1918890	20.0
Phenanthrene, 4...	18.242	11.8	ng	1133610	4	17.318	1918890	20.0
Anthracene, 2-m...	18.324	4.3	ng	414059	4	17.318	1918890	20.0
4H-Cyclopenta[d...	18.395	16.6	ng	1591940	4	17.318	1918890	20.0
Anthracene, 1-m...	18.424	5.1	ng	487322	4	17.318	1918890	20.0
Naphthalene, 2-...	18.695	5.2	ng	501513	4	17.318	1918890	20.0
9,10-Anthracene...	18.730	2.1	ng	202896	4	17.318	1918890	20.0
Phenanthrene, 2...	19.112	4.7	ng	445997	4	17.318	1918890	20.0
Phenanthrene, 4...	19.248	3.3	ng	315820	4	17.318	1918890	20.0
Pyrene, 1-methyl-	20.054	2.3	ng	590937	5	21.489	5134890	20.0
11H-Benzo[a]flu...	20.224	3.6	ng	933553	5	21.489	5134890	20.0
11H-Benzo[b]flu...	20.330	3.1	ng	789928	5	21.489	5134890	20.0
Fluoranthene, 2...	20.383	2.2	ng	560635	5	21.489	5134890	20.0
Benzo[e]pyrene	23.694	15.9	ng	1409470	6	23.906	1774700	20.0