LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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: BM034329.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.496	377	384	392	rBV	593033	913236	12.59%	1.294%
2	7.095	649	656	665	rBV	574630	945220	13.03%	1.340%
3	7.937	792	799	807	rBV	595577	954734	13.16%	1.353%
4	9.101	990	997	1009	rVB	326232	565362	7.79%	0.801%
5	10.748	1268	1277	1282	rBV	759993	1340177	18.47%	1.900%
6	10.801	1282	1286	1294	rVB	694799	1135183	15.65%	1.609%
7	12.407	1553	1559	1568	rBV	342646	549132	7.57%	0.778%
8	12.625	1585	1596	1606	rVB	278979	464707	6.41%	0.659%
9	13.207	1687	1695	1704	rBV	857320	1280042	17.65%	1.814%
10	13.419	1724	1731	1738	rVB	92009	143470	1.98%	0.203%
11	13.613	1759	1764	1773	rVB	63614	123236	1.70%	0.175%
12	13.748	1779	1787	1788	rBV3	96730	161974	2.23%	0.230%
13	13.901	1805	1813	1818	rBV	199465	342910	4.73%	0.486%
14	13.954	1818	1822	1831	rVB	114046	177541	2.45%	0.252%
15	14.136	1845	1853	1857	rBV	98838	158412	2.18%	0.225%
16	14.301	1871	1881	1891	rBV	196948	325123	4.48%	0.461%
17	14.577	1917	1928	1934	rBV	1122093	1710499	23.58%	2.425%
18	14.642	1934	1939	1946	rVV	547696	824468	11.37%	1.169%
19	14.783	1956	1963	1972	rBV2	41861	116938	1.61%	0.166%
20	14.889	1972	1981	1985	rBV3	71705	128539	1.77%	0.182%
21	14.971	1989	1995	2002	rVV	481679	735970	10.15%	1.043%
22	15.054	2003	2009	2015	rVB	64912	99070	1.37%	0.140%
23	15.195	2025	2033	2038	rBV3	60867	117101	1.61%	0.166%
24	15.248	2038	2042	2047	rVV	60063	79892	1.10%	0.113%
25	15.366	2054	2062	2065	rBV3	57154	120504	1.66%	0.171%
26	15.618	2099	2105	2117	rBV	859324	1316076	18.14%	1.865%
27	15.718	2117	2122	2124	rBV2	62111	93796	1.29%	0.133%
28	15.748	2124	2127	2130	rVV	90332	122573	1.69%	0.174%
29	15.783	2130	2133	2138	rVB3	125178	171576	2.37%	0.243%
30	15.913	2151	2155	2165	rVB	162161	280118	3.86%	0.397%
31	16.060	2173	2180	2188	rVV	841471	1284557	17.71%	1.821%
32	16.154	2188	2196	2202	rVB3	45435	117807	1.62%	0.167%
33	16.295	2216	2220	2227	rVB3	48154	82907	1.14%	0.118%
34	16.624	2265	2276	2281	rBV3	172192	389208	5.37%	0.552%
35	16.671	2281	2284	2291	rVB2	102515	146765	2.02%	0.208%
36	16.771	2296	2301	2307	rVB	100460	169713	2.34%	0.241%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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	16.895	2318	2322	2325	rVB2	68904	88486	1.22%	0.125%
38	16.971	2332	2335	2342	rVB5	52802	93369	1.29%	0.132%
39	17.054	2344	2349	2350	rBV	73111	102616	1.41%	0.145%
40	17.136	2358	2363	2373	rVB	292651	458135	6.32%	0.649%
41	17.318	2388	2394	2397	rBV	1243054	1788513	24.65%	2.535%
42	17.359	2397	2401	2407	rVV	5130100	7254288	100.00%	10.282%
43	17.448	2407	2416	2422	rVV	1084252	1672709	23.06%	2.371%
44	17.507	2422	2426	2432	rVB3	94887	166246	2.29%	0.236%
45	17.718	2452	2462	2467	rBV	340148	591315	8.15%	0.838%
46	17.836	2478	2482	2487	rVV3	68314	92259	1.27%	0.131%
47	17.901	2489	2493	2502	rVB2	91734	141611	1.95%	0.201%
48	18.042	2513	2517	2525	rVB	64230	122741	1.69%	0.174%
49	18.195	2538	2543	2547	rBV	632156	907014	12.50%	1.286%
50	18.242	2547	2551	2559	rVB	816608	1170991	16.14%	1.660%
51	18.324	2559	2565	2570	rBV	314243	481795	6.64%	0.683%
52	18.389	2570	2576	2580	rBV2	835799	1555831	21.45%	2.205%
53	18.424	2580	2582	2589	rVB	411206	512158	7.06%	0.726%
54	18.695	2623	2628	2631	rBV	352859	464496	6.40%	0.658%
55	18.730	2631	2634	2645	rVB3	142979	228874	3.16%	0.324%
56	18.818	2645	2649	2656	rBV	69990	95114	1.31%	0.135%
57	18.942	2662	2670	2673	rBV	168959	263105	3.63%	0.373%
58	18.989	2675	2678	2681	rVV	141635	171194	2.36%	0.243%
59	19.024	2681	2684	2688	rVB	107569	146500	2.02%	0.208%
60	19.112	2693	2699	2703	rBV	314519	550899	7.59%	0.781%
61	19.171	2707	2709	2712	rVB	101254	117478	1.62%	0.167%
62	19.248	2718	2722	2731	rBV2	131488	312486	4.31%	0.443%
63	19.371	2737	2743	2749	rBV	4264394	5554854	76.57%	7.874%
64	19.436	2751	2754	2757	rVV	87502	113989	1.57%	0.162%
65	19.471	2757	2760	2764	rVV2	96221	134532	1.85%	0.191%
66	19.612	2781	2784	2788	rBV2	123406	159423	2.20%	0.226%
67	19.736	2794	2805	2813	rBV	3571642	6063461	83.58%	8.595%
68	19.806	2813	2817	2823	rVB2	214340	354485	4.89%	0.502%
69	19.930	2831	2838	2842	rBV2	1242090	1689021	23.28%	2.394%
70	19.971	2842	2845	2850	rVB	167213	229449	3.16%	0.325%
71	20.053	2854	2859	2866	rBV3	248995	623064	8.59%	0.883%
72	20.189	2879	2882	2884	rBV2	122778	175039	2.41%	0.248%
73	20.224	2884	2888	2894	rVB	662407	906912	12.50%	1.285%
74	20.324	2901	2905	2909	rBV	625767	787672	10.86%	1.116%
75	20.383	2910	2915	2919	rVB2	358266	548184	7.56%	0.777%
76	20.524	2935	2939	2943	rBV	252768	320270	4.41%	0.454%

LSC Area Percent Report

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Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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

77	20.571	2943	2947	2951	rVB	256010	347997	4.80%	0.493%
78	20.812	2986	2988	2991	rBV3	76096	89774	1.24%	0.127%
79	20.936	3005	3009	3012	rBV4	95996	172395	2.38%	0.244%
80	21.142	3040	3044	3046	rBV	187937	234051	3.23%	0.332%
81	21.171	3046	3049	3052	rBV	227172	279466	3.85%	0.396%
82	21.477	3096	3101	3106	rBV2	2212218	4411530	60.81%	6.253%
83	21.524	3106	3109	3119	rVB	1511903	2091709	28.83%	2.965%
84	21.647	3127	3130	3136	rBV	261385	353343	4.87%	0.501%
85	21.812	3155	3158	3164	rVB2	165871	249240	3.44%	0.353%
86	22.071	3199	3202	3206	rVB	294350	354206	4.88%	0.502%
87	23.165	3383	3388	3394	rBV	861789	2154032	29.69%	3.053%
88	23.688	3472	3477	3487	rVB	609658	1227524	16.92%	1.740%
89	23.794	3489	3495	3504	rBV	932333	1821368	25.11%	2.582%
90	23.900	3507	3513	3519	rBV2	920847	1864123	25.70%	2.642%

Sum of corrected areas: 70549872

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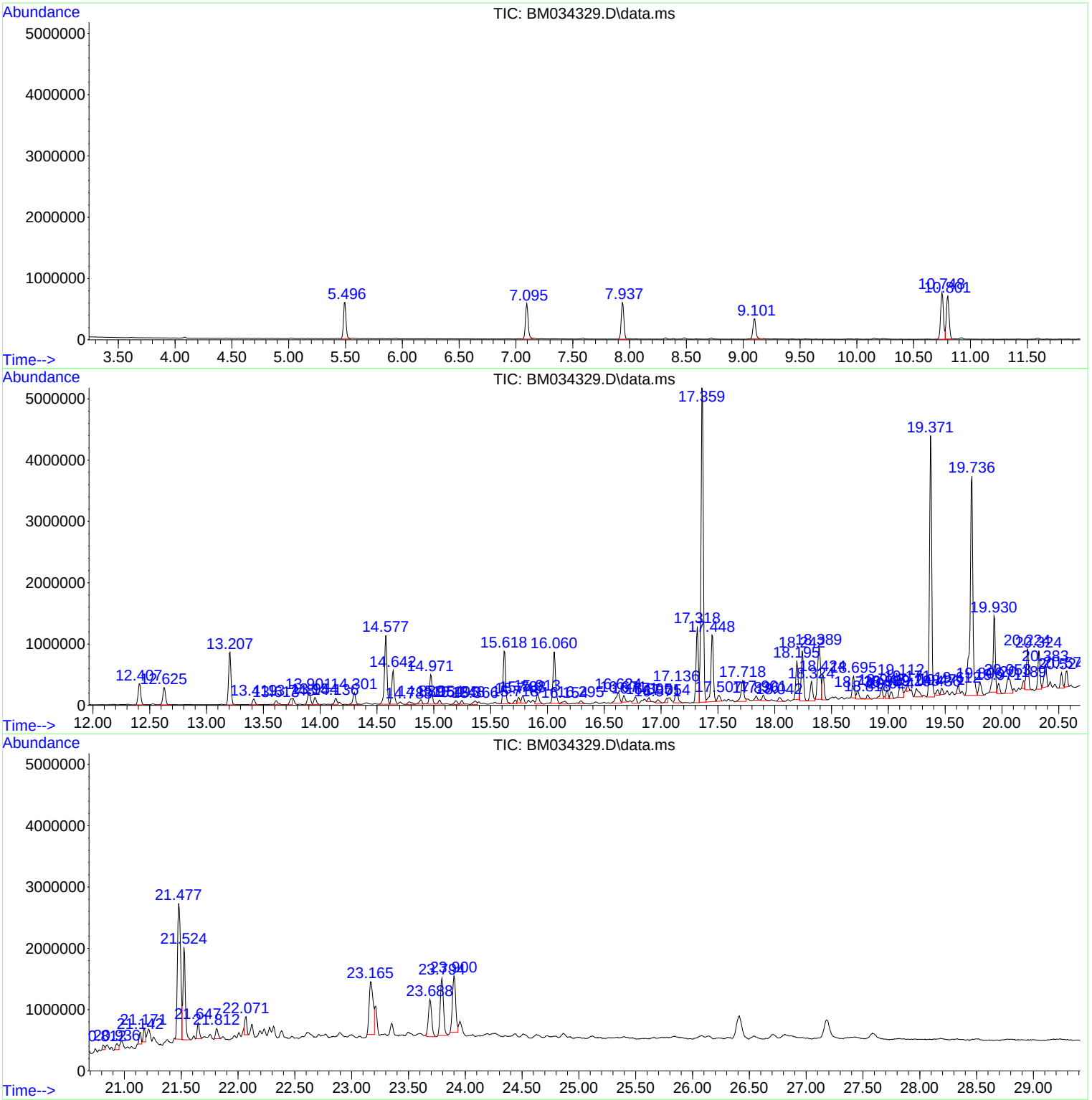
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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 : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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

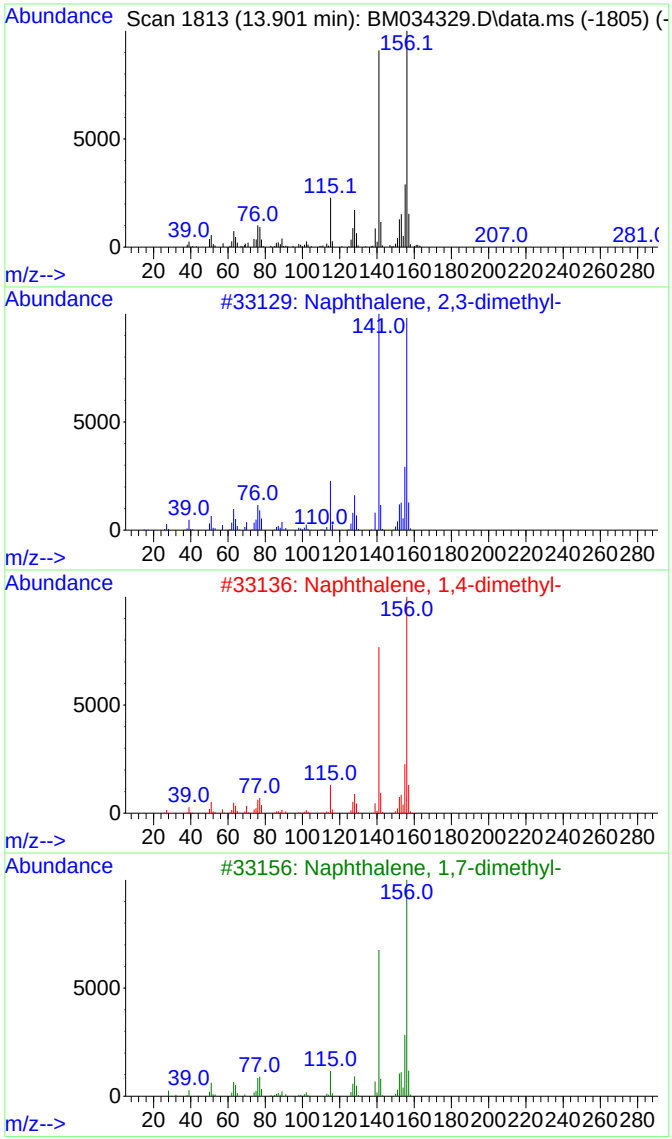
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

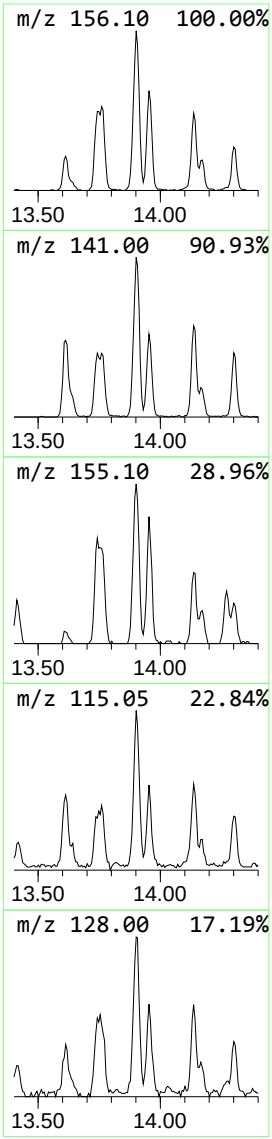
****

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.901	4.01 ng	342910	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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

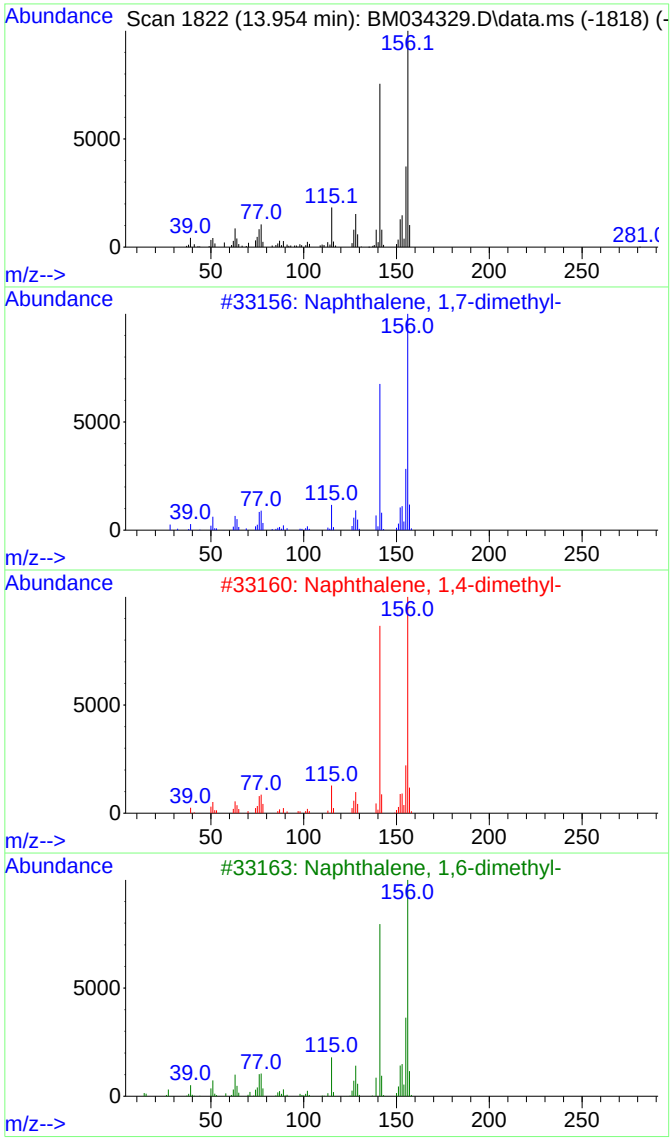
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

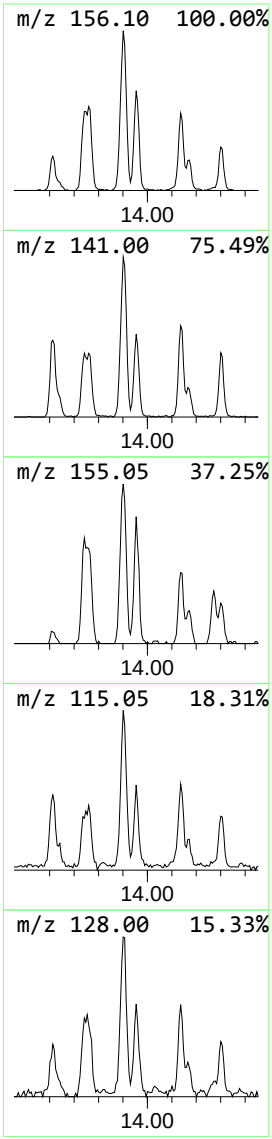
****

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.954	2.08 ng	177541	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Sample : N1962-04 5X
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BNA_M
ClientSampleId :
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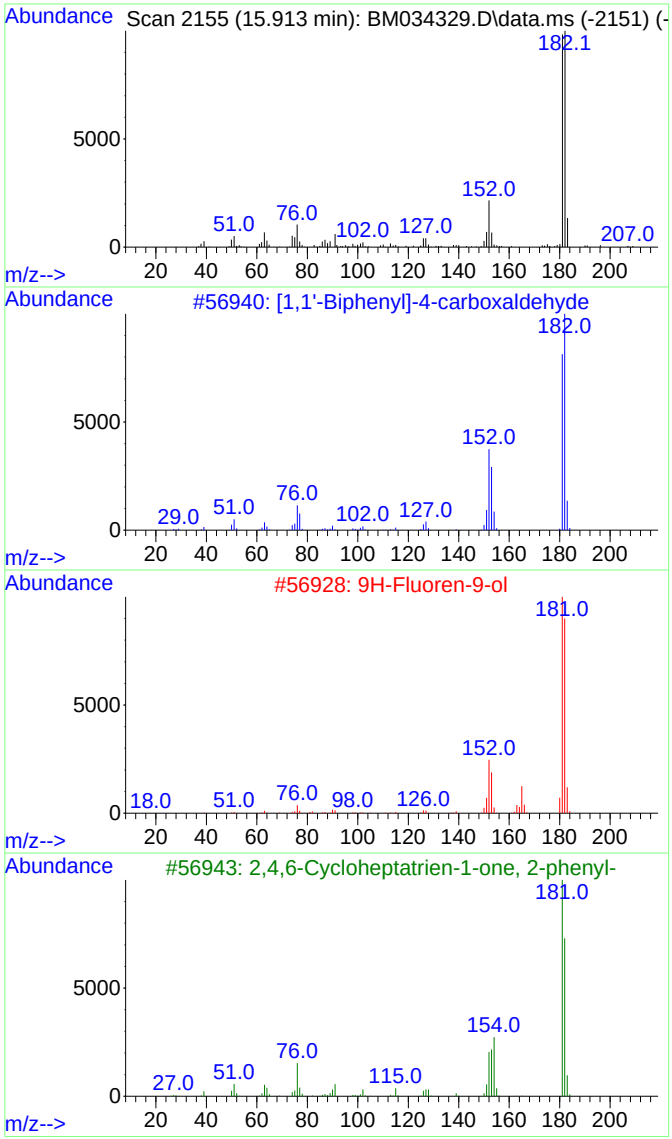
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

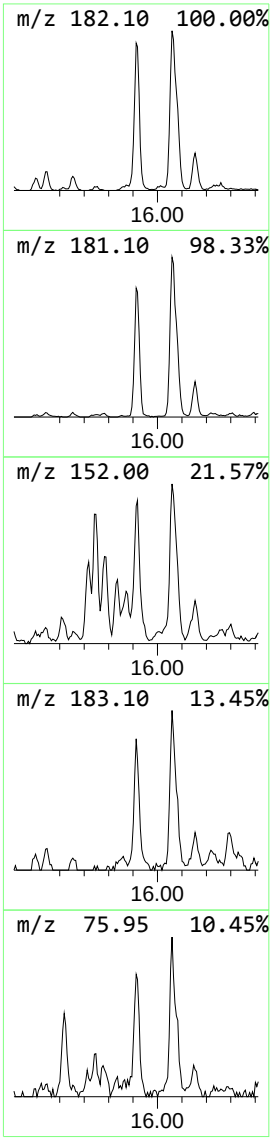
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.913	3.28 ng	280118	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
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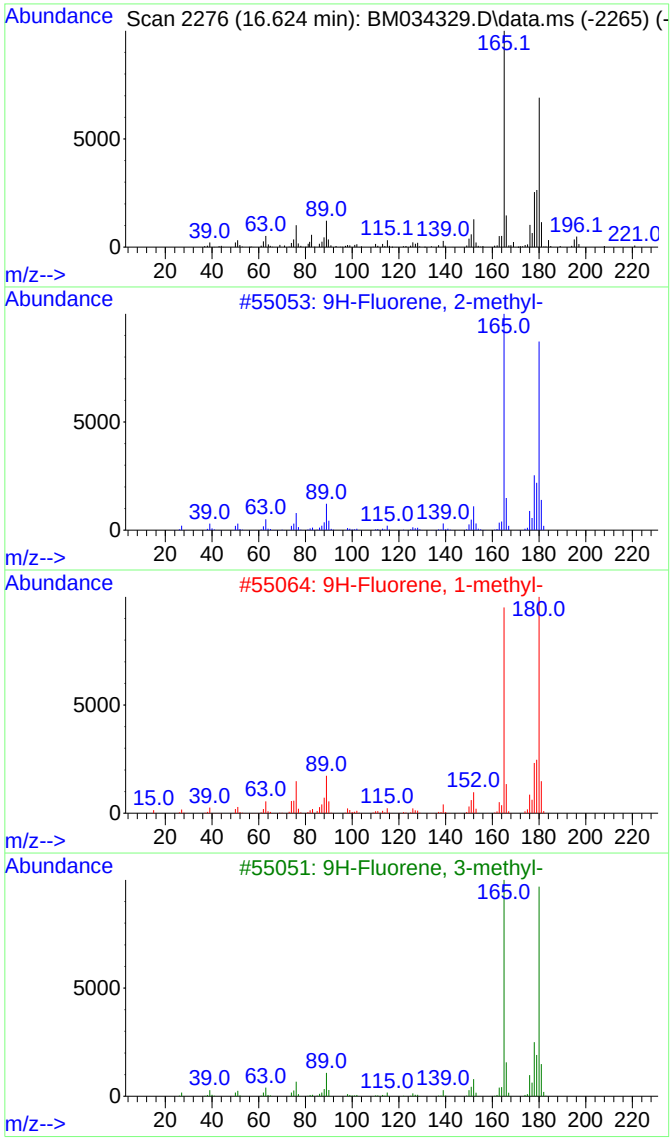
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

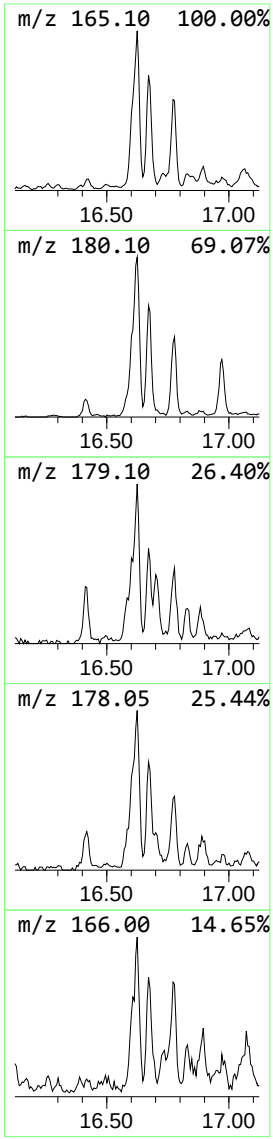
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.624	4.35 ng	389208	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





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Acq On : 23 Mar 2022 02:41
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Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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

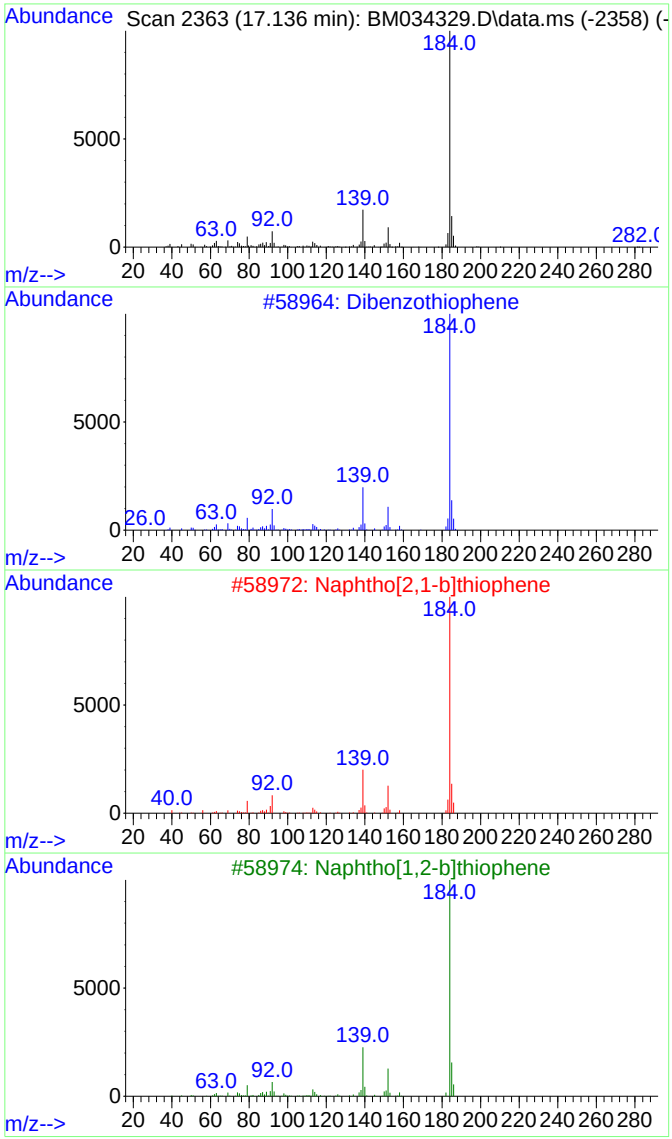
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

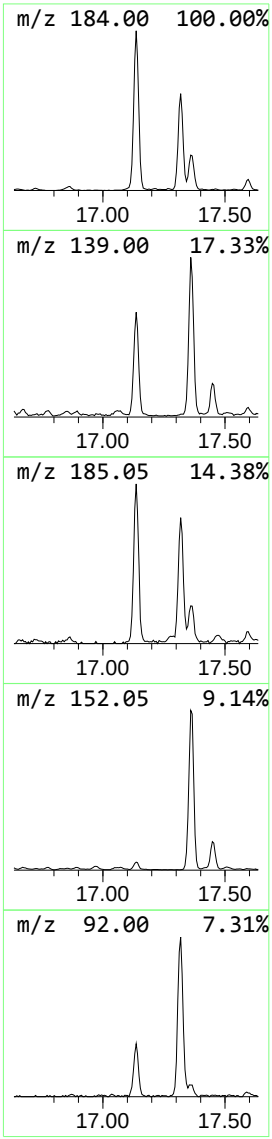
****

Peak Number 5 Dibenzothiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.136	5.12 ng	458135	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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ClientSampleId :
C-19-18-19

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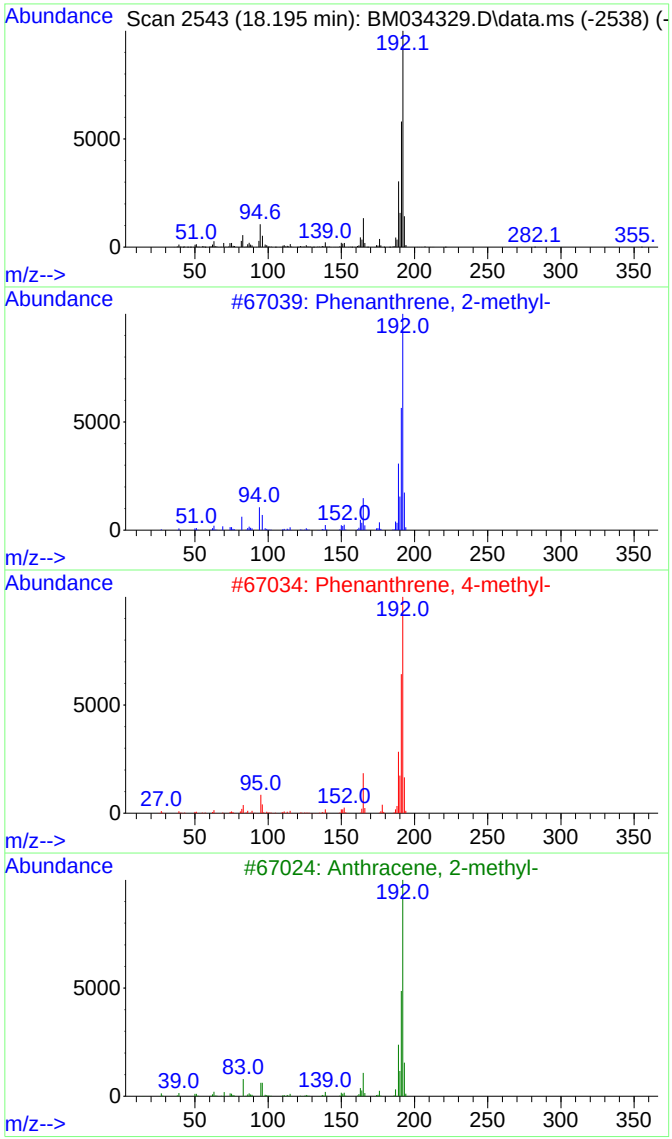
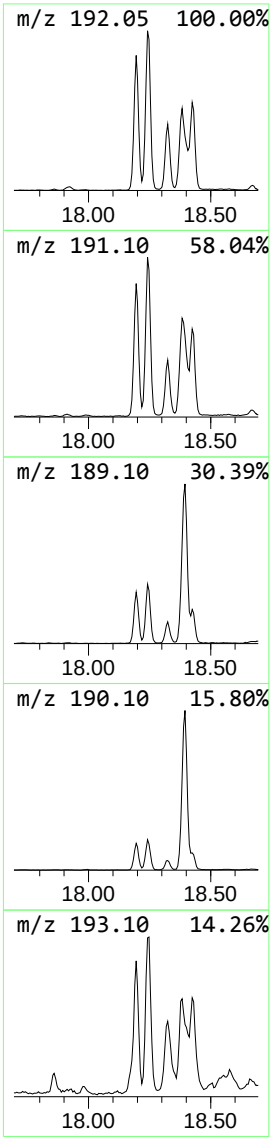
Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.195	10.14 ng	907014	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	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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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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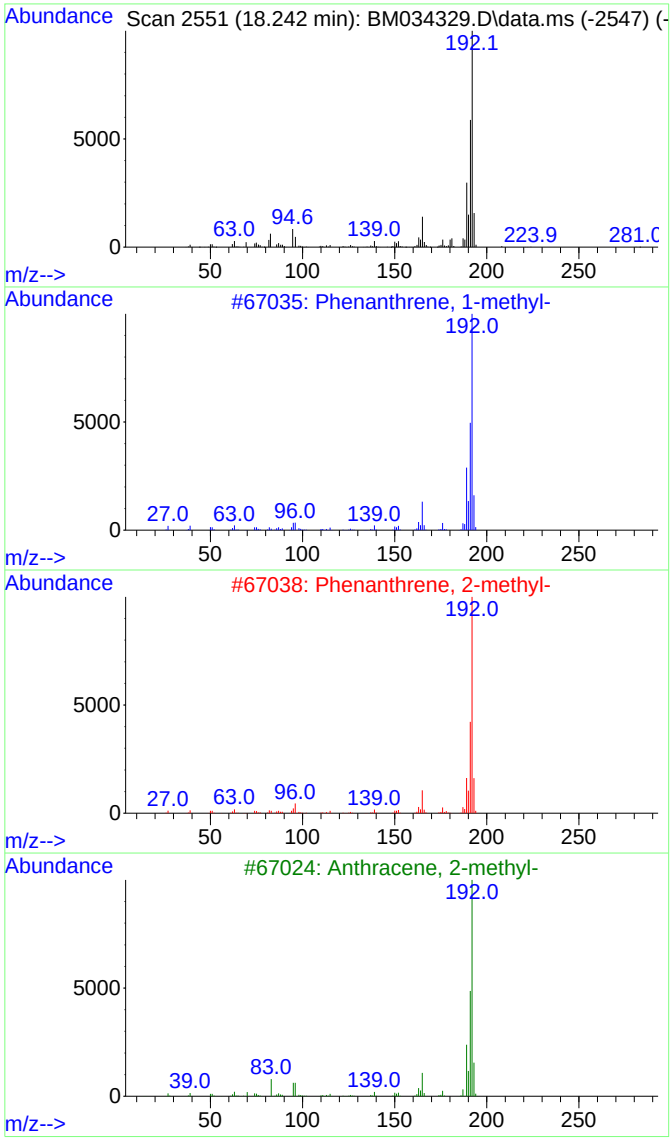
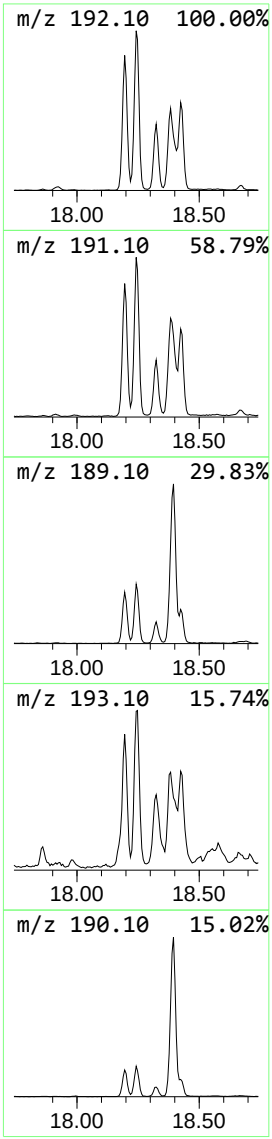
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	13.09 ng	1170990	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Misc :
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ClientSampleId :
C-19-18-19

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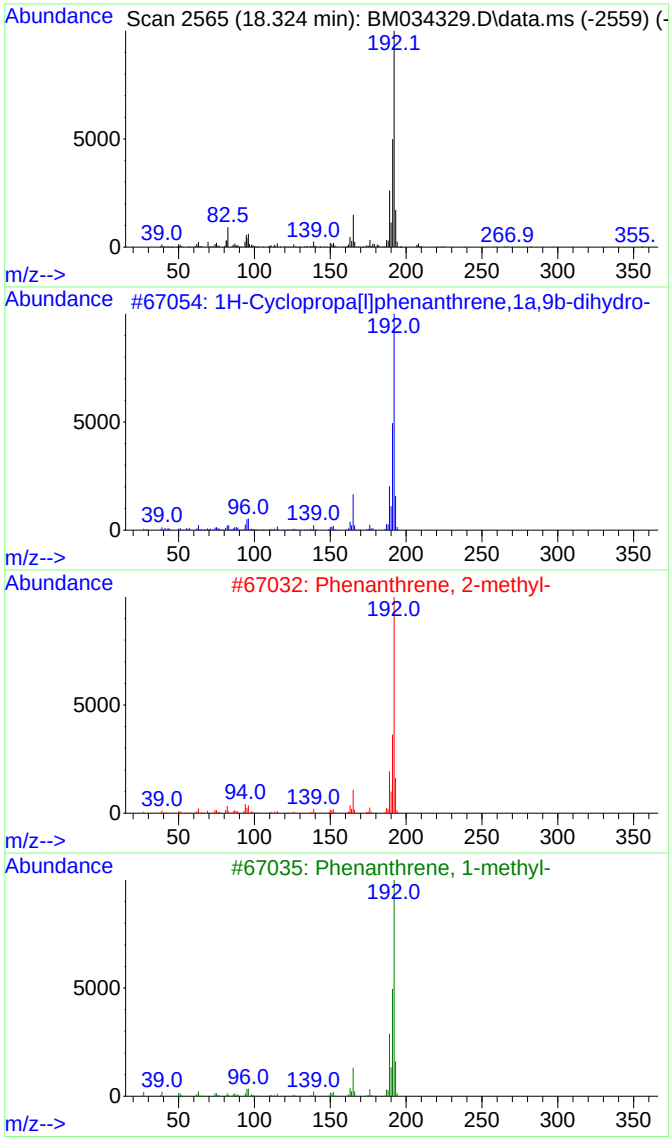
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

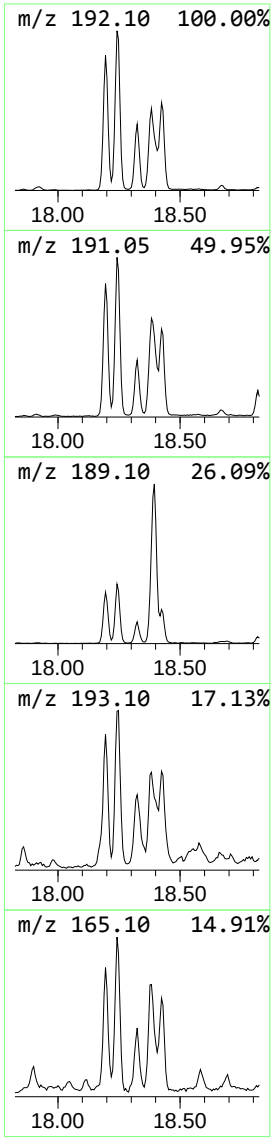
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.324	5.39 ng	481795	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Misc :
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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

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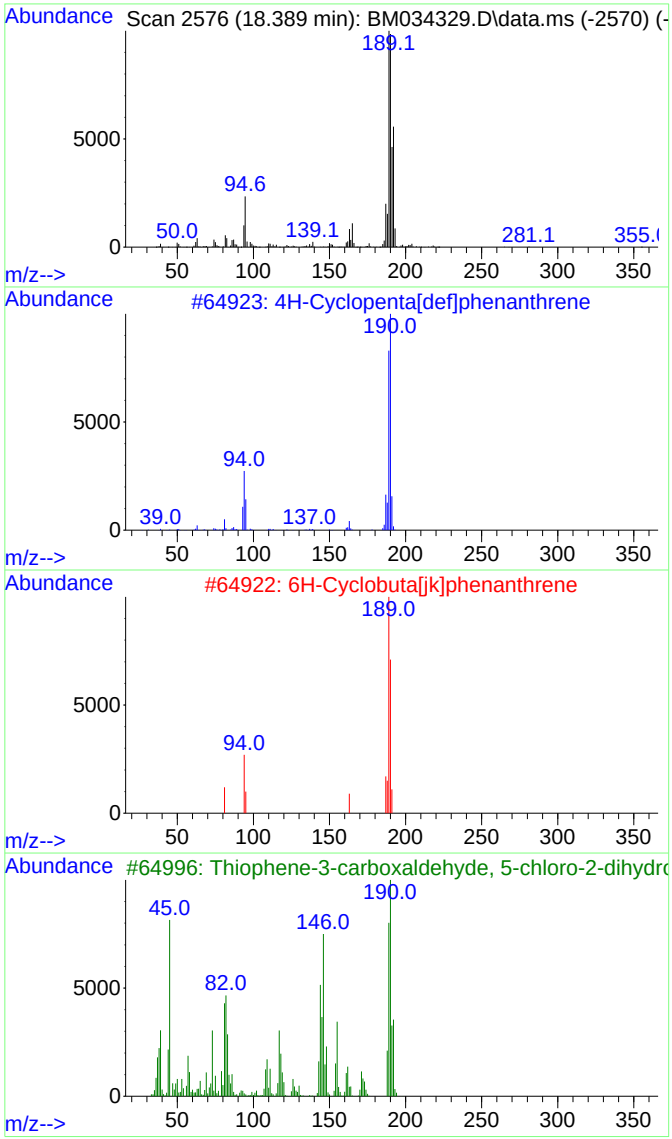
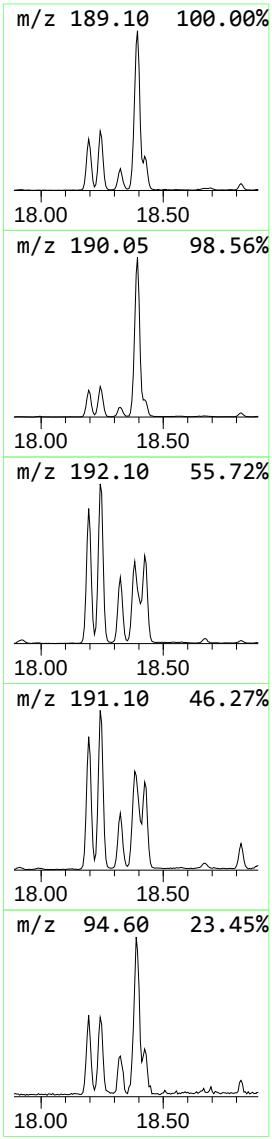
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	17.40 ng	1555830	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	22





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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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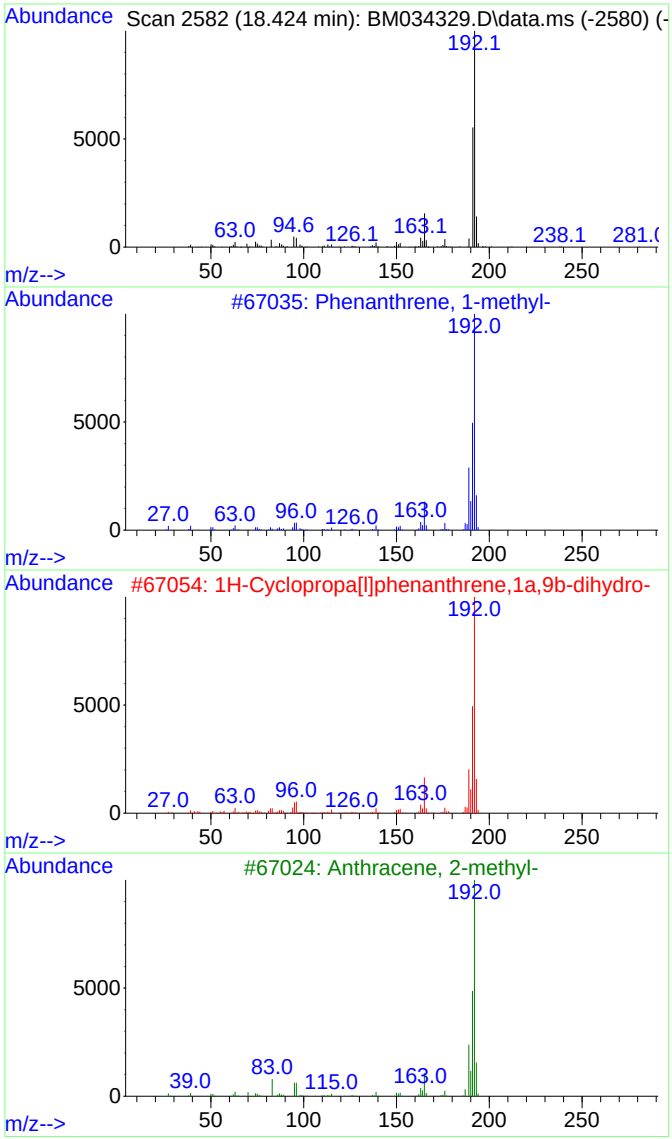
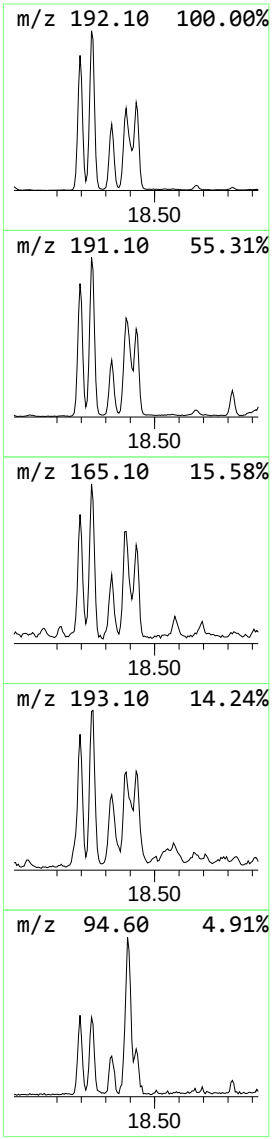
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.424	5.73 ng	512158	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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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

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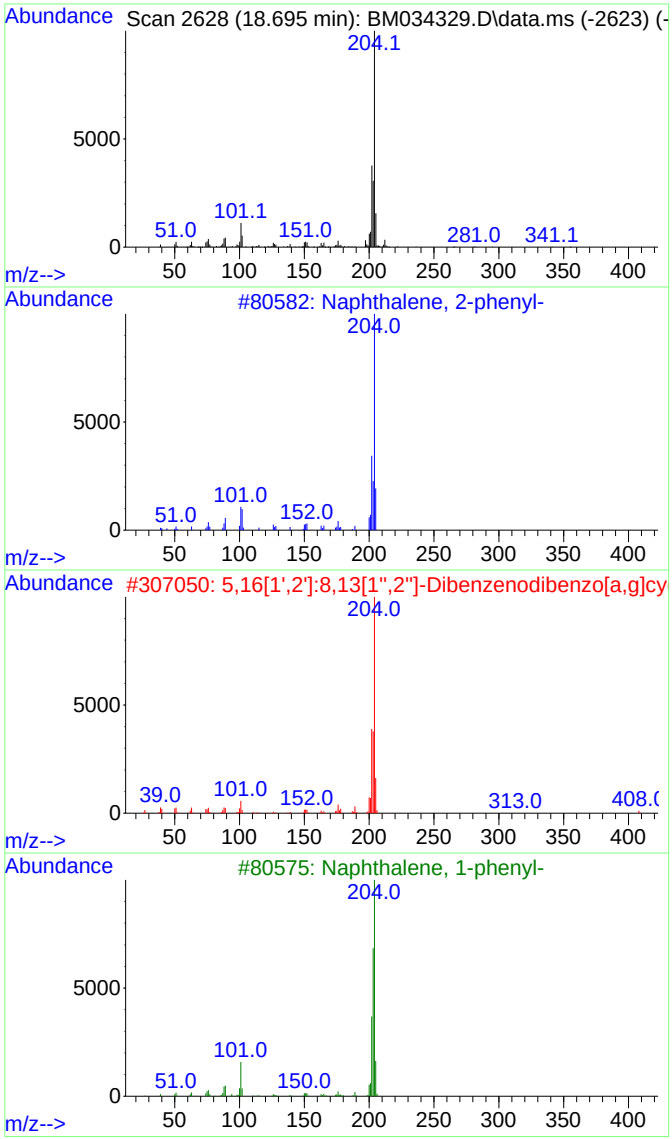
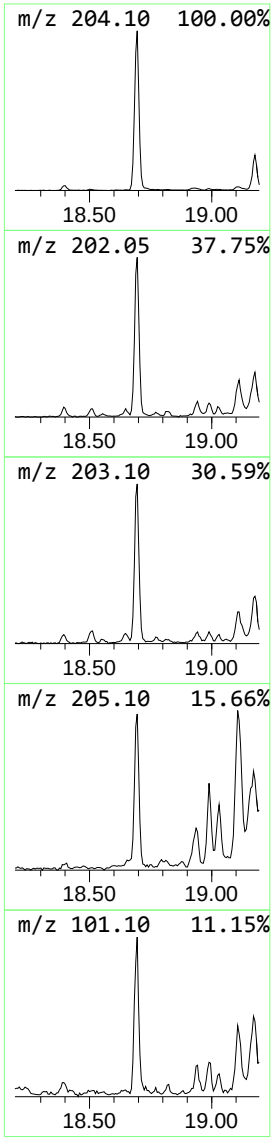
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.695	5.19 ng	464496	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52





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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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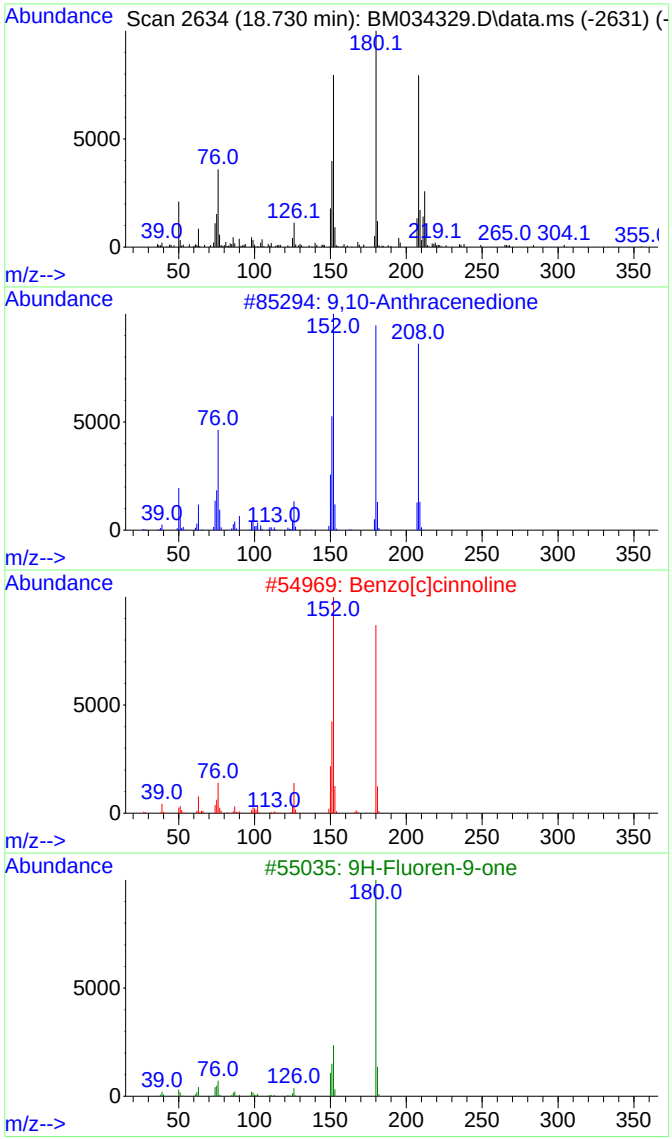
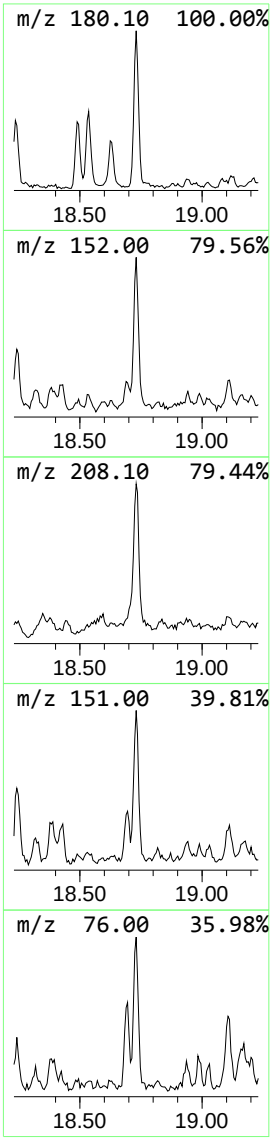
Peak Number 12 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.730	2.56 ng	228874	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	49
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	49





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

TIC Library : C:\Database\NIST20.L
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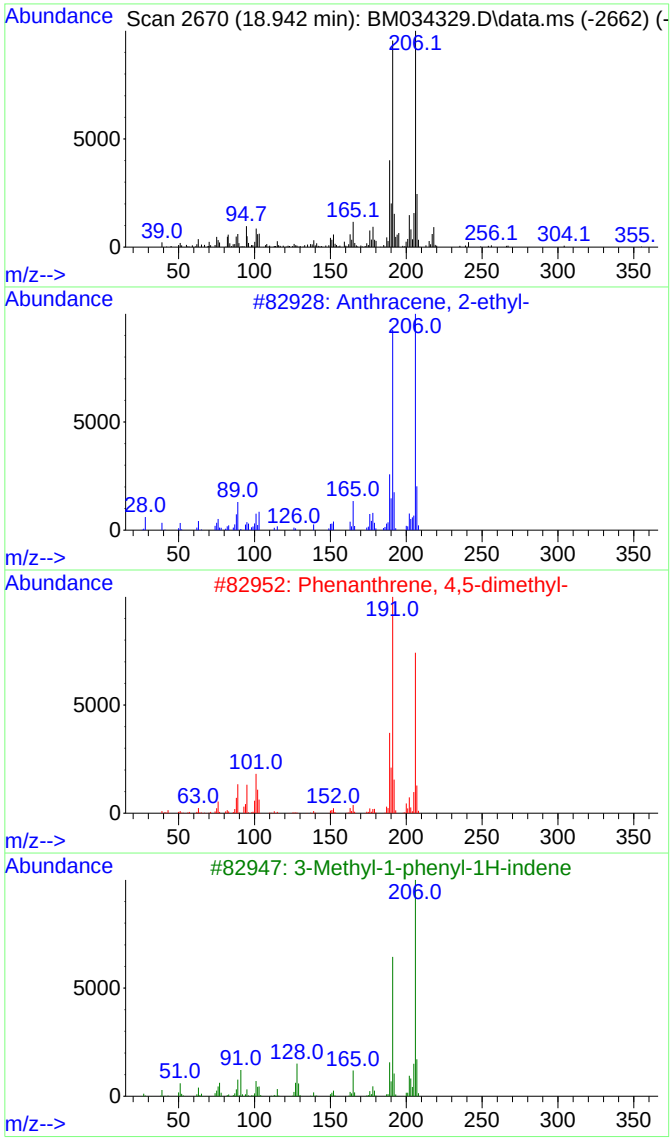
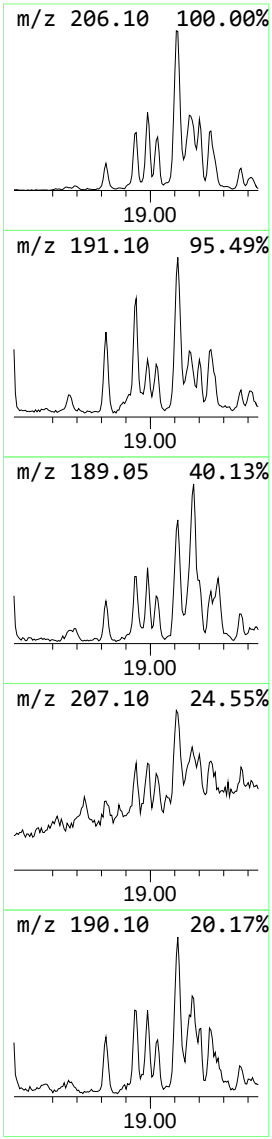
Peak Number 13 Anthracene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.942	2.94 ng	263105	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
3	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	76
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70





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Misc :
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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

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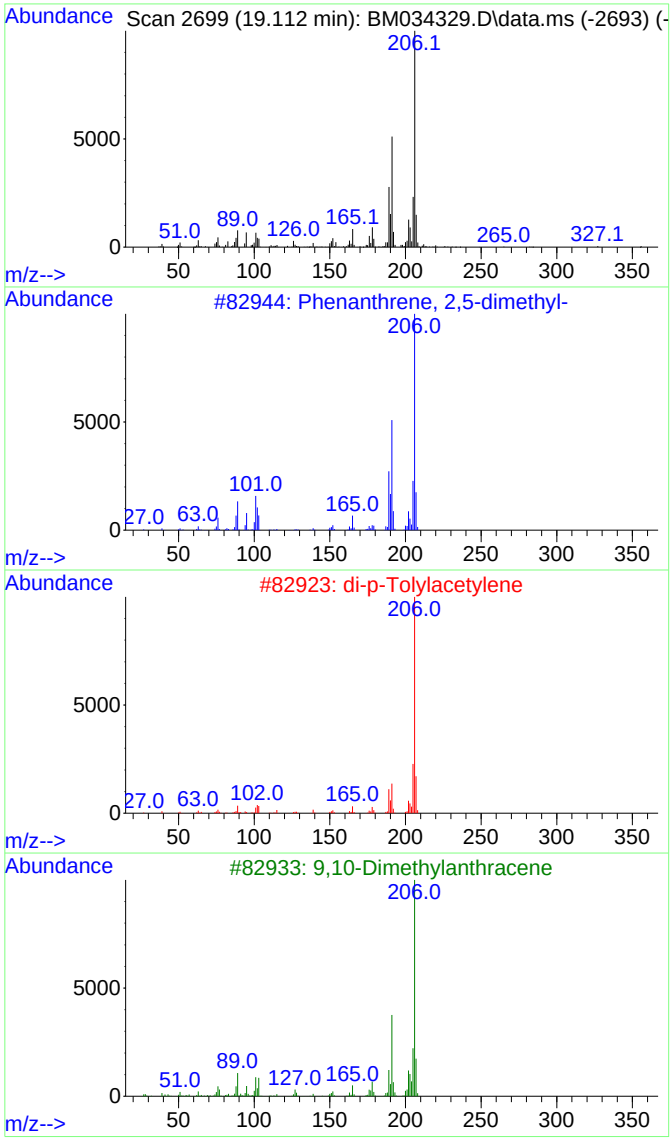
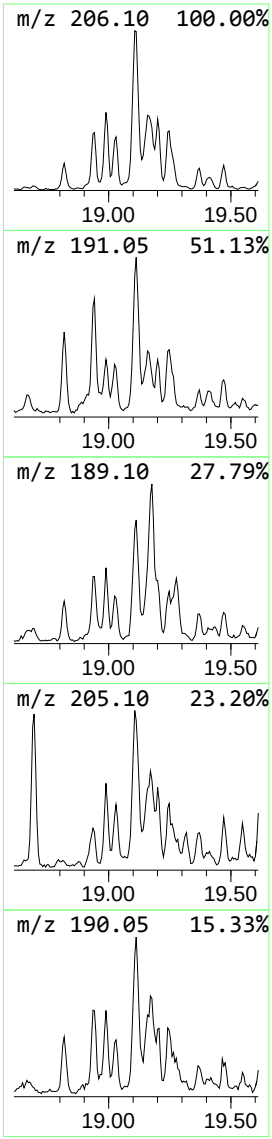
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.112	6.16 ng	550899	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86





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

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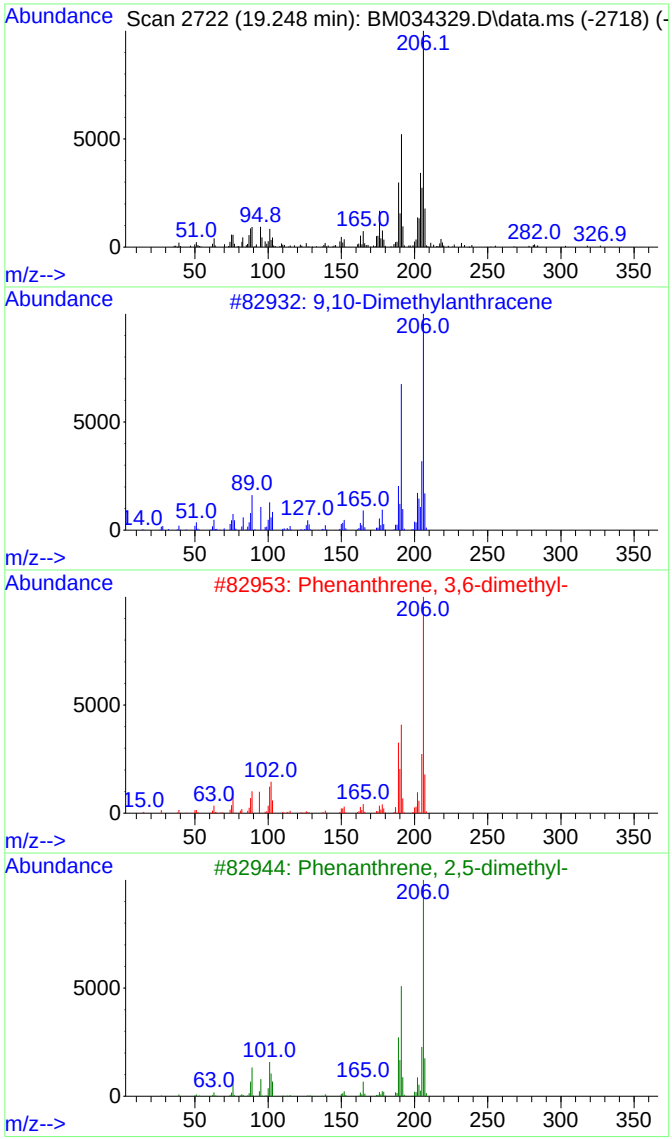
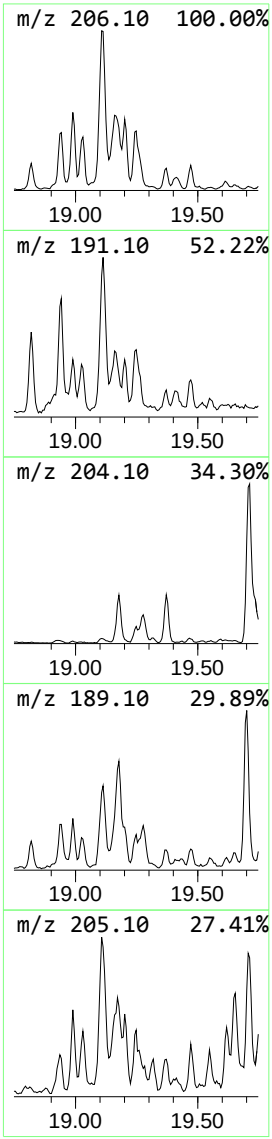
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.248	3.49 ng	312486	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	87
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	80





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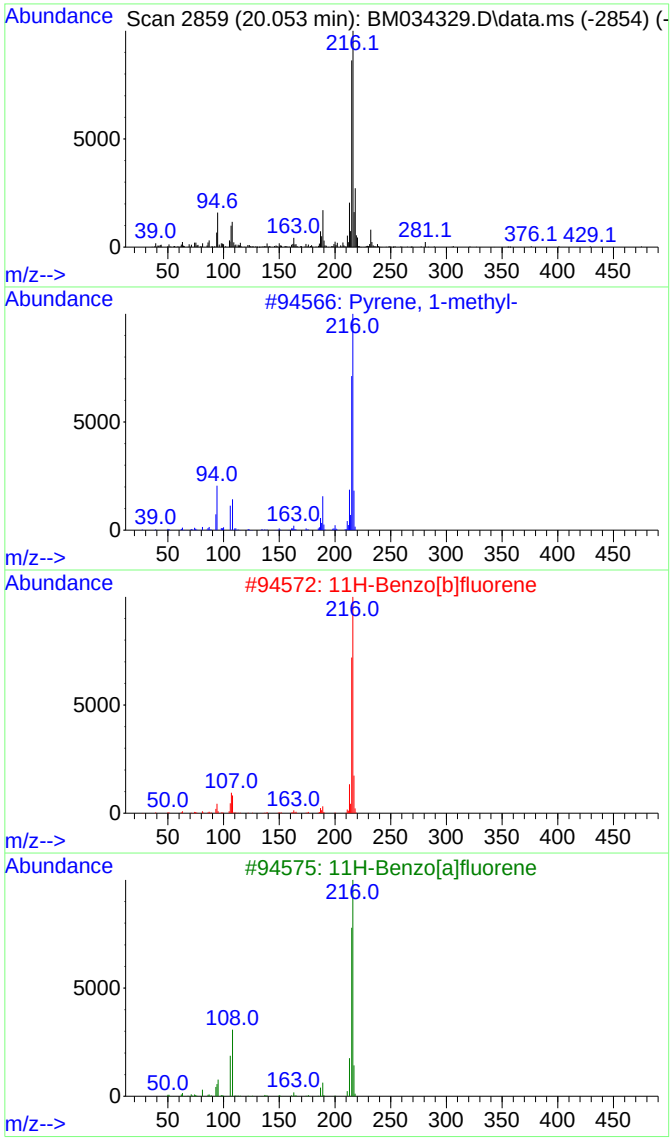
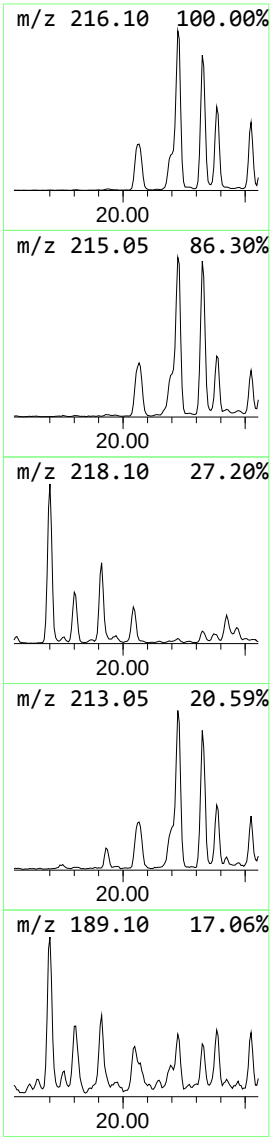
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.053	2.82 ng	623064	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	81
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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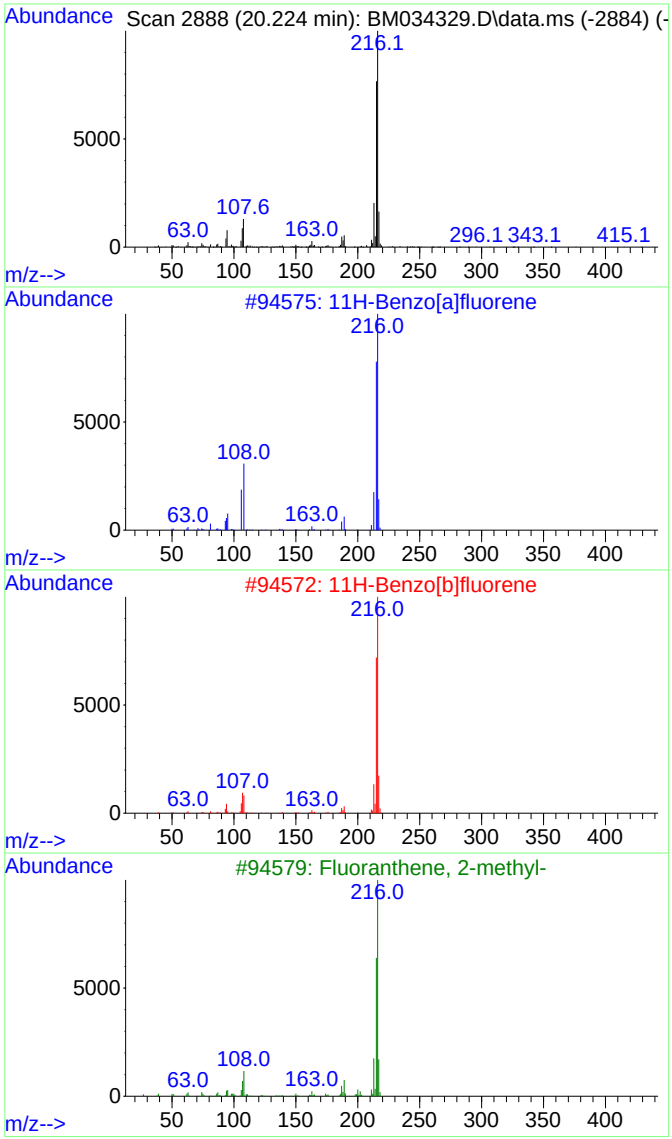
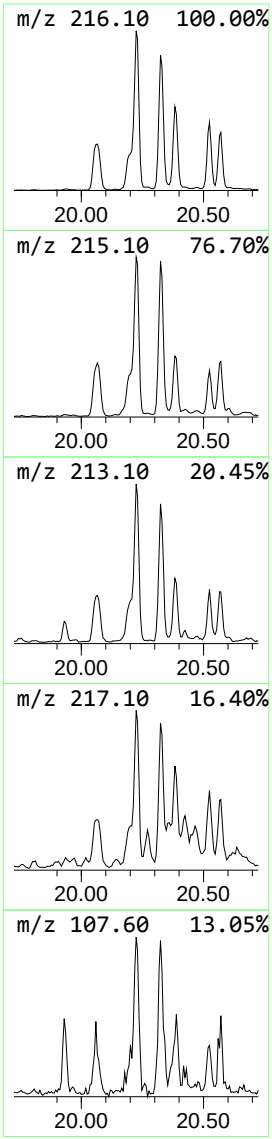
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.224	4.11 ng	906912	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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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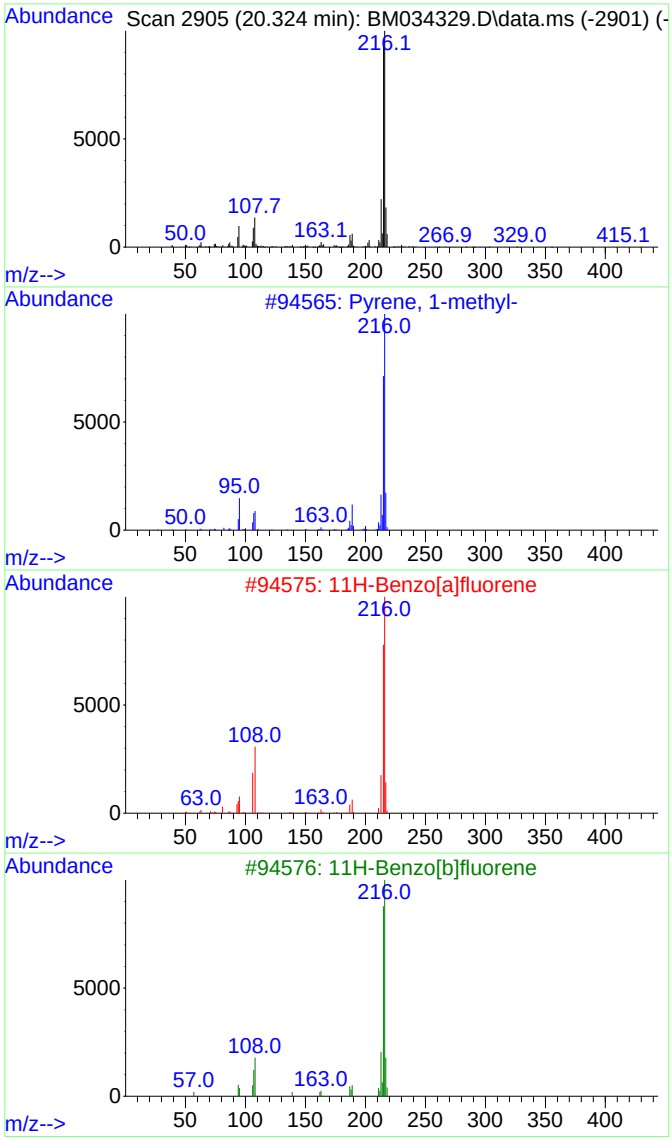
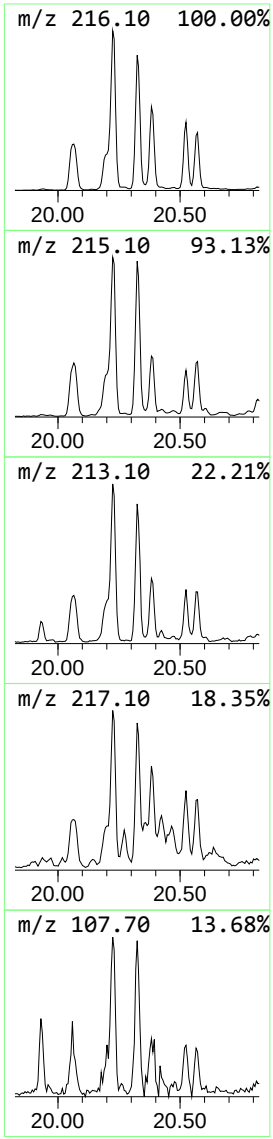
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.324	3.57 ng	787672	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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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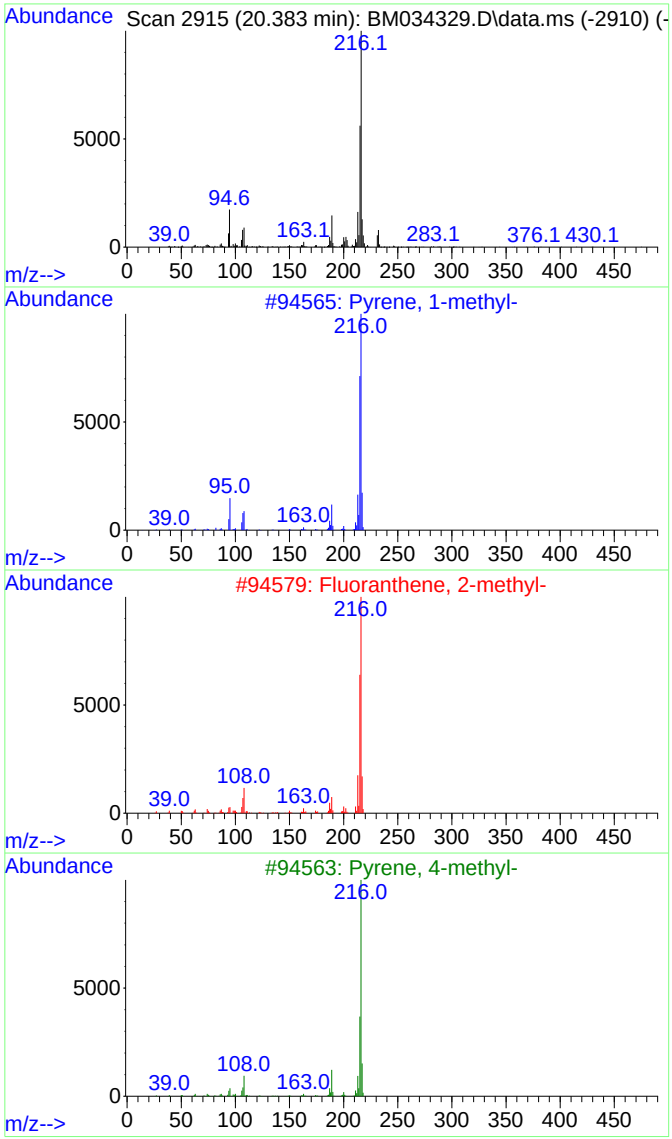
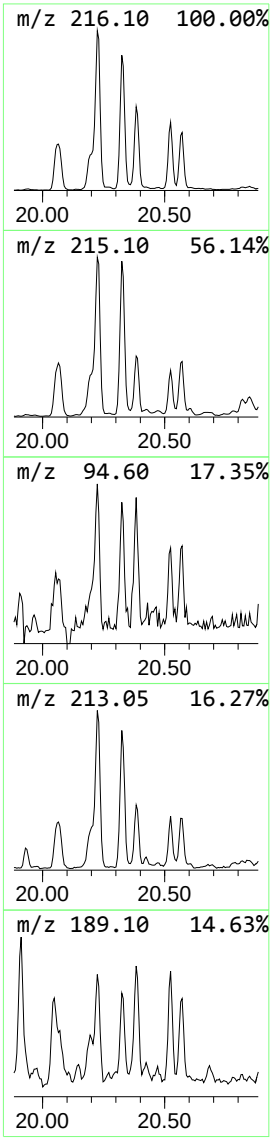
Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.383	2.49 ng	548184	Chrysene-d12	21.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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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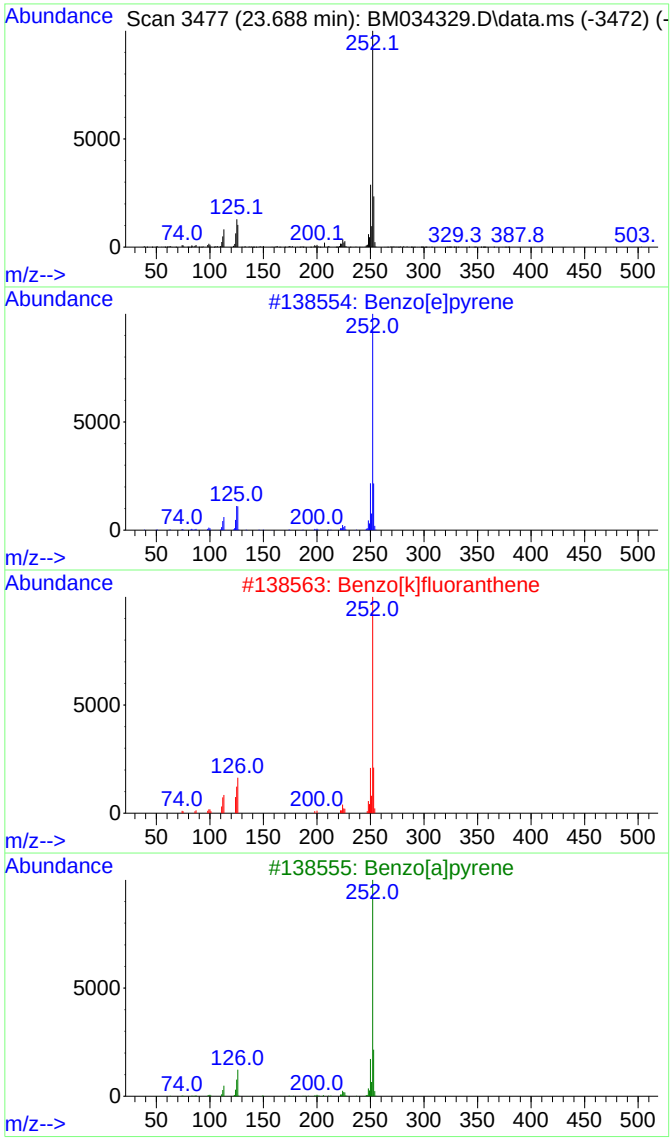
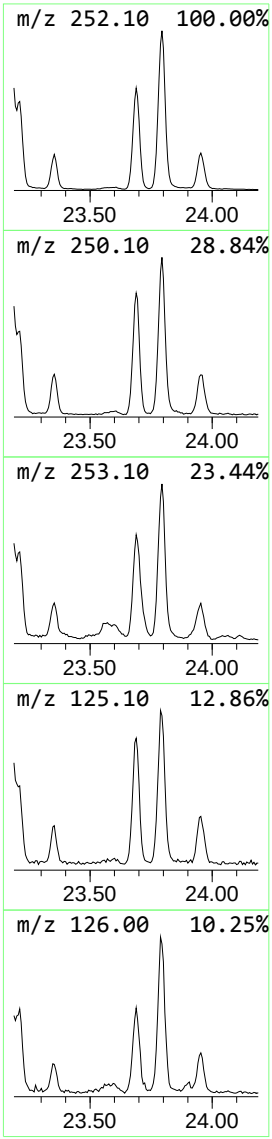
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.689	13.17 ng	1227520	Perylene-d12	23.900

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	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
Data File : BM034329.D
Acq On : 23 Mar 2022 02:41
Operator : CG/JU
Sample : N1962-04 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-19-18-19

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, 2,...	13.901	4.0	ng	342910	3	14.577	1710500	20.0
Naphthalene, 1,...	13.954	2.1	ng	177541	3	14.577	1710500	20.0
[1,1'-Biphenyl]...	15.913	3.3	ng	280118	3	14.577	1710500	20.0
9H-Fluorene, 2-...	16.624	4.3	ng	389208	4	17.318	1788510	20.0
Dibenzothiophene	17.136	5.1	ng	458135	4	17.318	1788510	20.0
Phenanthrene, 2...	18.195	10.1	ng	907014	4	17.318	1788510	20.0
Phenanthrene, 1...	18.242	13.1	ng	1170990	4	17.318	1788510	20.0
1H-Cyclopropa[1...	18.324	5.4	ng	481795	4	17.318	1788510	20.0
4H-Cyclopenta[d...	18.389	17.4	ng	1555830	4	17.318	1788510	20.0
Anthracene, 2-m...	18.424	5.7	ng	512158	4	17.318	1788510	20.0
Naphthalene, 2-...	18.695	5.2	ng	464496	4	17.318	1788510	20.0
9,10-Anthracene...	18.730	2.6	ng	228874	4	17.318	1788510	20.0
Anthracene, 2-e...	18.942	2.9	ng	263105	4	17.318	1788510	20.0
Phenanthrene, 2...	19.112	6.2	ng	550899	4	17.318	1788510	20.0
9,10-Dimethylan...	19.248	3.5	ng	312486	4	17.318	1788510	20.0
Pyrene, 1-methyl-	20.053	2.8	ng	623064	5	21.489	4411530	20.0
11H-Benzo[a]flu...	20.224	4.1	ng	906912	5	21.489	4411530	20.0
11H-Benzo[b]flu...	20.324	3.6	ng	787672	5	21.489	4411530	20.0
Fluoranthene, 2...	20.383	2.5	ng	548184	5	21.489	4411530	20.0
Benzo[e]pyrene	23.689	13.2	ng	1227520	6	23.900	1864120	20.0