LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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: BM034357.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	376	384	392	rBV	554818	838164	5.19%	0.655%
2	7.101	649	657	665	rBV	511083	851418	5.28%	0.665%
3	7.937	793	799	810	rBV	650852	1044252	6.47%	0.816%
4	9.101	991	997	1007	rVB	288525	516952	3.20%	0.404%
5	10.748	1267	1277	1281	rBV	826709	1417798	8.78%	1.107%
6	10.801	1281	1286	1294	rVB	1314686	2159933	13.38%	1.687%
7	12.413	1550	1560	1568	rBV	807128	1294541	8.02%	1.011%
8	12.630	1586	1597	1607	rVB	779966	1248075	7.73%	0.975%
9	13.207	1686	1695	1705	rBV	802844	1186264	7.35%	0.927%
10	13.419	1725	1731	1737	rVB	135693	212885	1.32%	0.166%
11	13.613	1758	1764	1777	rVB	167886	338645	2.10%	0.265%
12	13.748	1777	1787	1788	rBV	249042	390058	2.42%	0.305%
13	13.901	1806	1813	1818	rBV	489438	873969	5.41%	0.683%
14	13.954	1818	1822	1830	rVB	292897	459594	2.85%	0.359%
15	14.136	1845	1853	1857	rBV	253688	415111	2.57%	0.324%
16	14.301	1871	1881	1890	rBV	313931	521438	3.23%	0.407%
17	14.577	1918	1928	1934	rBV2	1212865	2011651	12.46%	1.571%
18	14.642	1934	1939	1946	rVV	1431261	2104869	13.04%	1.644%
19	14.789	1958	1964	1972	rBV	89594	219433	1.36%	0.171%
20	14.889	1972	1981	1985	rBV2	186528	331134	2.05%	0.259%
21	14.977	1990	1996	2003	rVV	1008007	1497891	9.28%	1.170%
22	15.054	2003	2009	2017	rVB	156381	221607	1.37%	0.173%
23	15.195	2026	2033	2038	rBV	136603	243133	1.51%	0.190%
24	15.248	2038	2042	2048	rVB	132535	179249	1.11%	0.140%
25	15.365	2054	2062	2065	rBV2	117207	256987	1.59%	0.201%
26	15.624	2100	2106	2117	rBV	2104349	3000115	18.59%	2.343%
27	15.718	2117	2122	2124	rVV2	154037	221578	1.37%	0.173%
28	15.748	2124	2127	2130	rVV	252203	370388	2.29%	0.289%
29	15.783	2130	2133	2138	rVV3	321066	500677	3.10%	0.391%
30	15.836	2138	2142	2145	rVV3	141187	221678	1.37%	0.173%
31	15.871	2145	2148	2152	rVV2	159786	267373	1.66%	0.209%
32	15.918	2152	2156	2165	rVB	339380	558467	3.46%	0.436%
33	16.065	2173	2181	2189	rVV	927133	1570303	9.73%	1.227%
34	16.154	2189	2196	2203	rVB3	91270	226677	1.40%	0.177%
35	16.295	2216	2220	2227	rVB3	96853	172917	1.07%	0.135%
36	16.624	2265	2276	2281	rBV2	383132	885507	5.49%	0.692%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
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Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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	16.677	2281	2285	2291	rVV2	232490	344737	2.14%	0.269%
38	16.777	2298	2302	2307	rVB	220728	321988	1.99%	0.252%
39	16.895	2319	2322	2326	rVB2	143954	174596	1.08%	0.136%
40	16.977	2332	2336	2343	rVB5	99460	183261	1.14%	0.143%
41	17.077	2343	2353	2359	rBV4	216136	604748	3.75%	0.472%
42	17.142	2359	2364	2373	rVB	576482	927558	5.75%	0.725%
43	17.324	2389	2395	2398	rBV	1299373	2057881	12.75%	1.607%
44	17.371	2398	2403	2408	rVV	11288375	16140216	100.00%	12.608%
45	17.454	2412	2417	2422	rVV	2808768	3869128	23.97%	3.022%
46	17.512	2422	2427	2432	rVB3	190243	327867	2.03%	0.256%
47	17.718	2453	2462	2467	rBV	723836	1199151	7.43%	0.937%
48	17.842	2477	2483	2487	rBV2	169882	249522	1.55%	0.195%
49	17.901	2490	2493	2502	rVB2	144467	221157	1.37%	0.173%
50	18.048	2513	2518	2526	rVB	111017	222908	1.38%	0.174%
51	18.201	2534	2544	2548	rBV	1348155	2085220	12.92%	1.629%
52	18.248	2548	2552	2559	rVB	1703717	2355471	14.59%	1.840%
53	18.330	2559	2566	2571	rBV	685131	1086034	6.73%	0.848%
54	18.395	2571	2577	2581	rBV3	1837626	3380769	20.95%	2.641%
55	18.430	2581	2583	2589	rVB	841532	948030	5.87%	0.741%
56	18.695	2623	2628	2632	rBV	823109	1061343	6.58%	0.829%
57	18.736	2632	2635	2640	rVB2	134649	179099	1.11%	0.140%
58	18.824	2646	2650	2655	rVB	124046	161837	1.00%	0.126%
59	18.942	2666	2670	2674	rVV	282239	324689	2.01%	0.254%
60	18.995	2675	2679	2682	rVV	201597	261421	1.62%	0.204%
61	19.030	2682	2685	2689	rVB	206100	248706	1.54%	0.194%
62	19.112	2694	2699	2703	rBV	535312	881698	5.46%	0.689%
63	19.177	2707	2710	2713	rVB3	208029	256362	1.59%	0.200%
64	19.253	2719	2723	2731	rBV2	206331	491572	3.05%	0.384%
65	19.377	2738	2744	2751	rBV	8217893	11187749	69.32%	8.739%
66	19.436	2751	2754	2757	rVV	176245	228061	1.41%	0.178%
67	19.477	2757	2761	2765	rVV3	185400	287990	1.78%	0.225%
68	19.618	2781	2785	2789	rBV	246973	321467	1.99%	0.251%
69	19.742	2795	2806	2814	rBV	7522097	12232339	75.79%	9.555%
70	19.806	2814	2817	2825	rVB2	359211	613355	3.80%	0.479%
71	19.936	2831	2839	2843	rBV2	1235020	1856657	11.50%	1.450%
72	19.977	2843	2846	2851	rVB2	255309	342588	2.12%	0.268%
73	20.059	2855	2860	2866	rBV3	439030	1082805	6.71%	0.846%
74	20.200	2880	2884	2885	rBV3	215256	314150	1.95%	0.245%
75	20.230	2885	2889	2895	rVB	1270836	1770957	10.97%	1.383%
76	20.330	2902	2906	2910	rBV	1196706	1498448	9.28%	1.170%

LSC Area Percent Report

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Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C-12-11-12

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	20.389	2910	2916	2920	rVV2	691911	1102784	6.83%	0.861%
78	20.424	2920	2922	2927	rVB	175941	217497	1.35%	0.170%
79	20.530	2936	2940	2943	rBV	421052	516067	3.20%	0.403%
80	20.571	2943	2947	2951	rVV	450403	632442	3.92%	0.494%
81	21.142	3041	3044	3047	rBV	328518	359077	2.22%	0.280%
82	21.177	3047	3050	3053	rVV	508020	595172	3.69%	0.465%
83	21.218	3054	3057	3062	rVB2	361551	592874	3.67%	0.463%
84	21.483	3097	3102	3107	rBV2	3819999	6729556	41.69%	5.257%
85	21.536	3107	3111	3121	rVB	2711200	3872631	23.99%	3.025%
86	21.653	3128	3131	3138	rBV2	554841	822643	5.10%	0.643%
87	22.071	3200	3202	3206	rVB	461620	569620	3.53%	0.445%
88	23.177	3384	3390	3396	rBV	1497175	3913495	24.25%	3.057%
89	23.700	3474	3479	3490	rVB	1018430	2123302	13.16%	1.659%
90	23.806	3491	3497	3505	rVV	1667872	3188208	19.75%	2.490%
91	23.912	3510	3515	3521	rVV2	889239	1649205	10.22%	1.288%

Sum of corrected areas: 128018839

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
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Misc :
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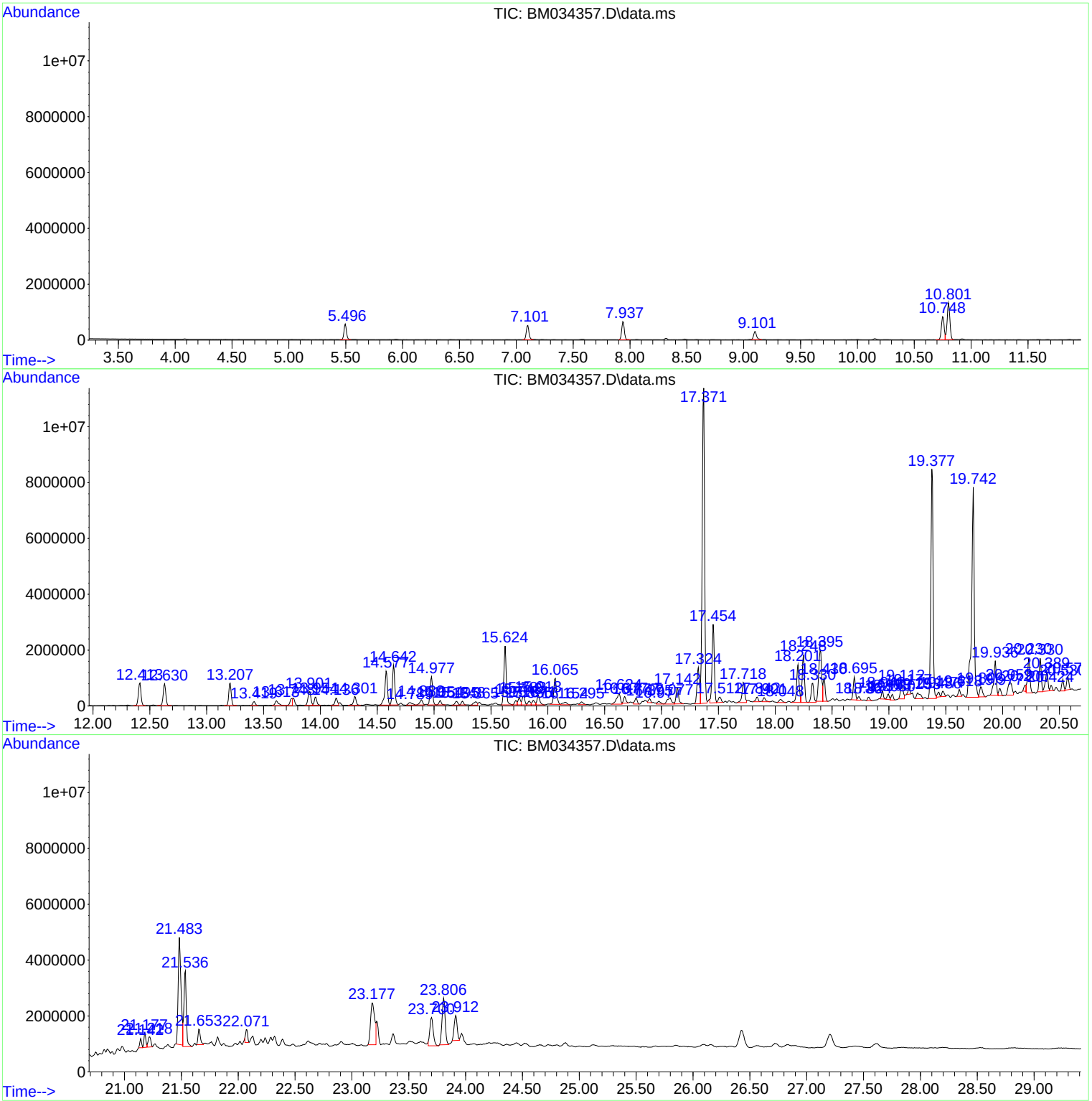
Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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\BM032322\
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

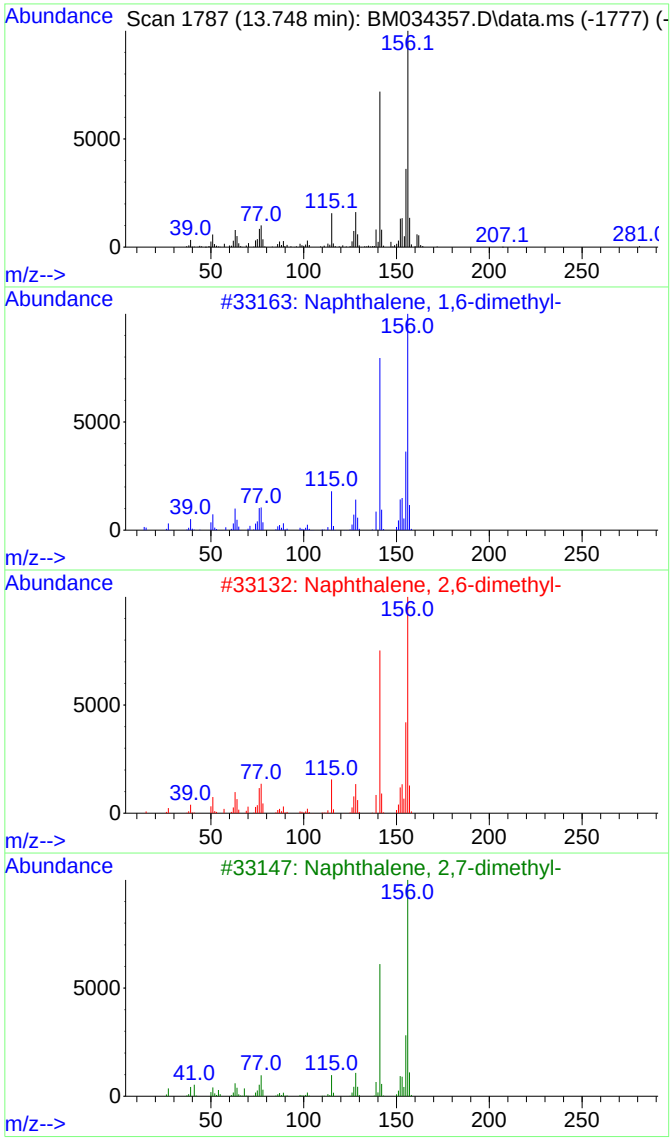
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

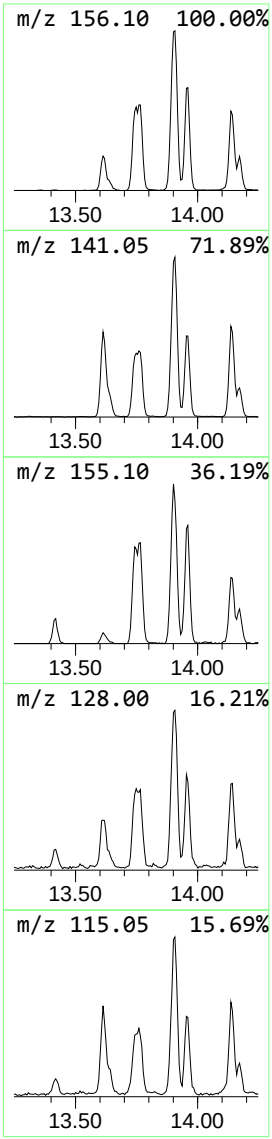
****

Peak Number 1 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.748	3.88 ng	390058	Acenaphthene-d10	14.577

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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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

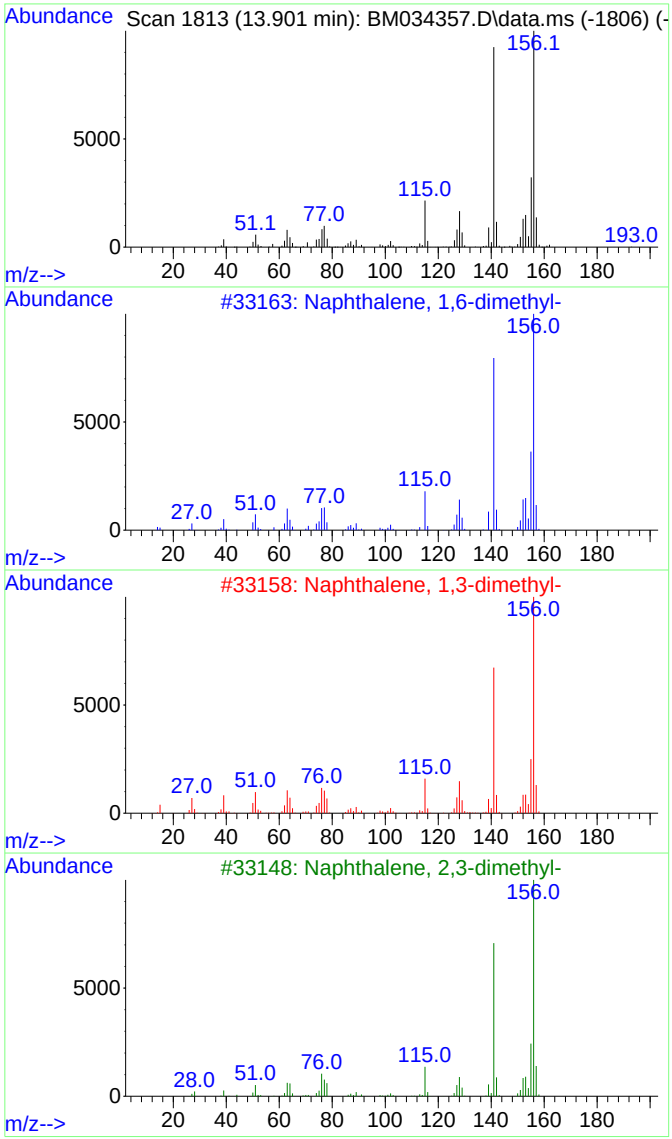
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

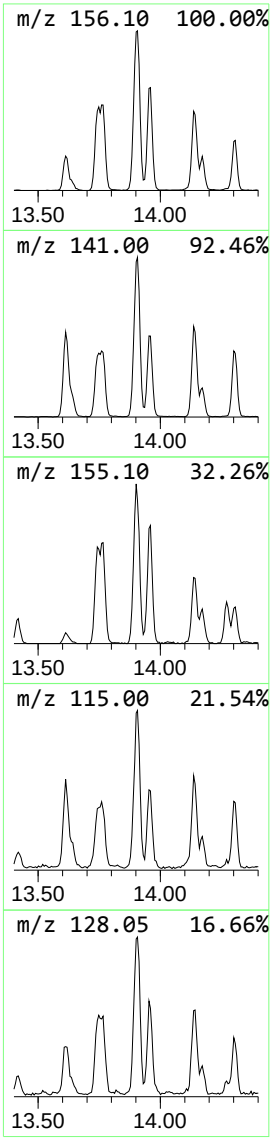
****

Peak Number 2 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.901	8.69 ng	873969	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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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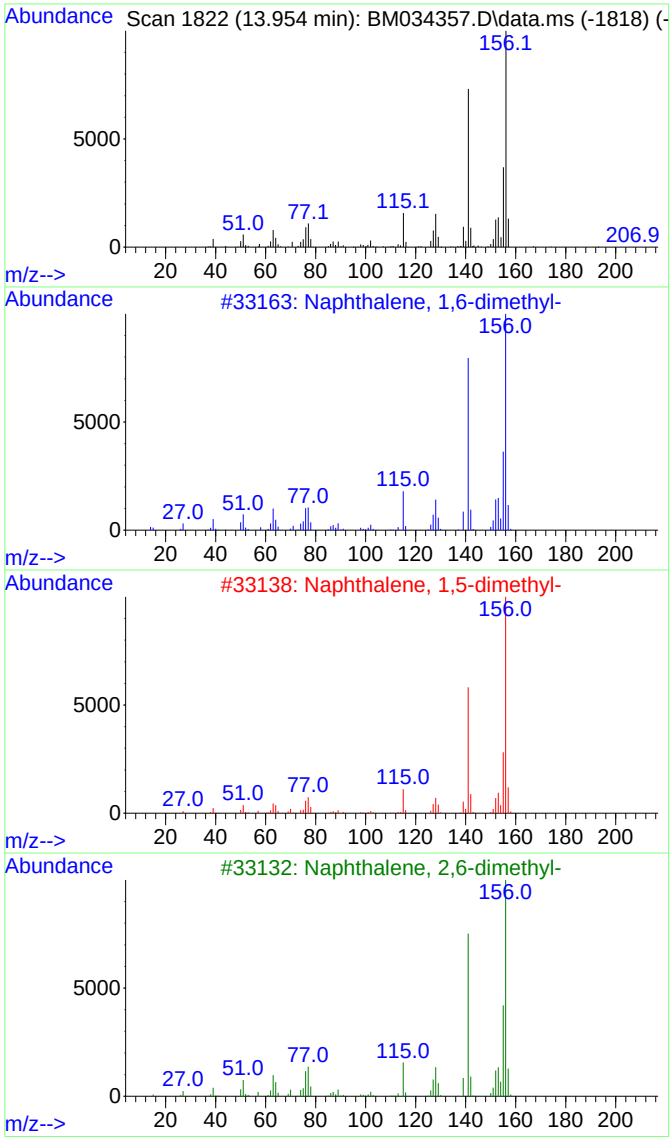
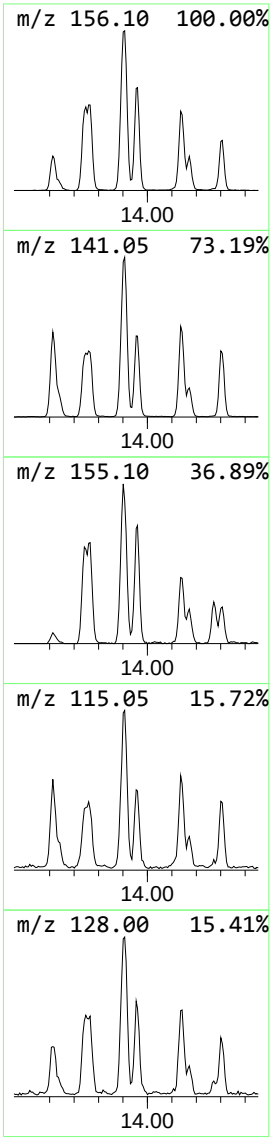
Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.954	4.57 ng	459594	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
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Sample : N1958-12 5X
Misc :
ALS Vial : 19 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

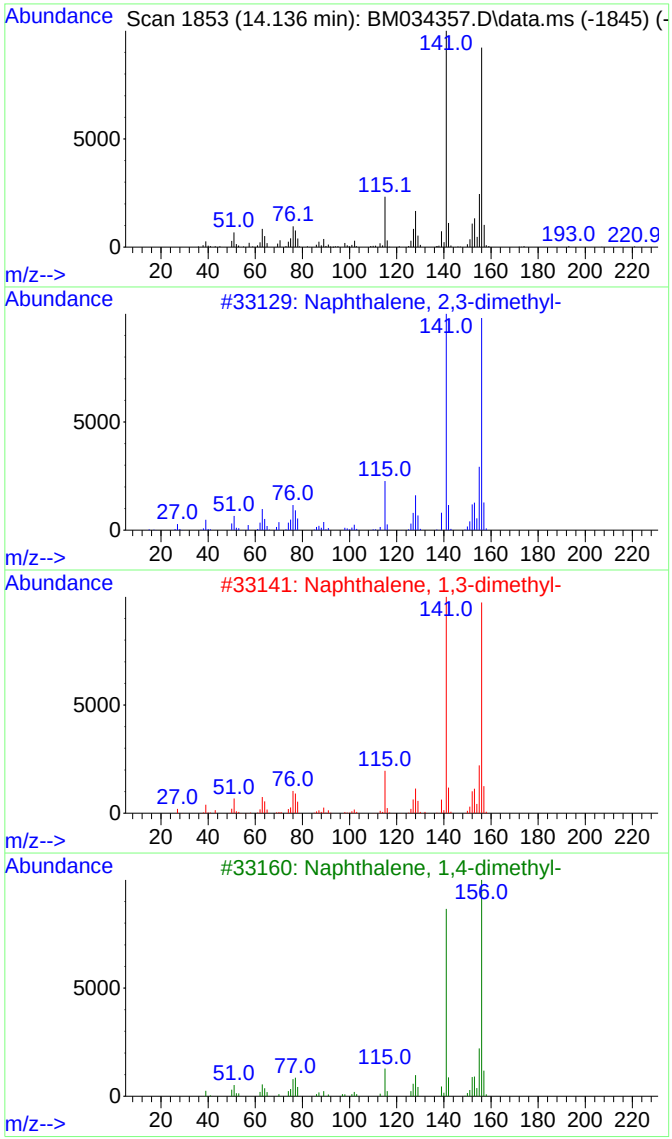
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

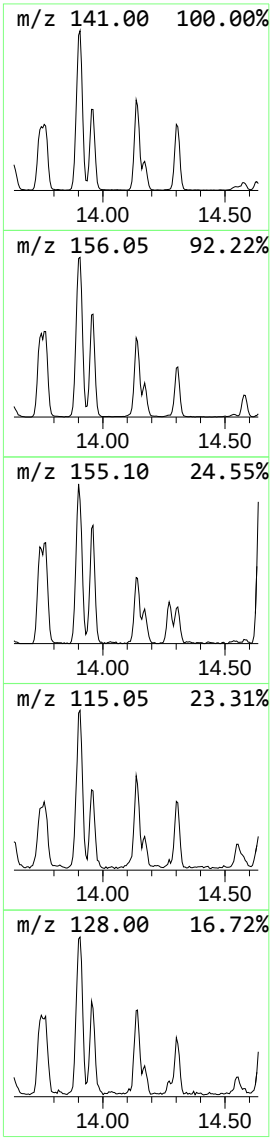
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.136	4.13 ng	415111	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, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

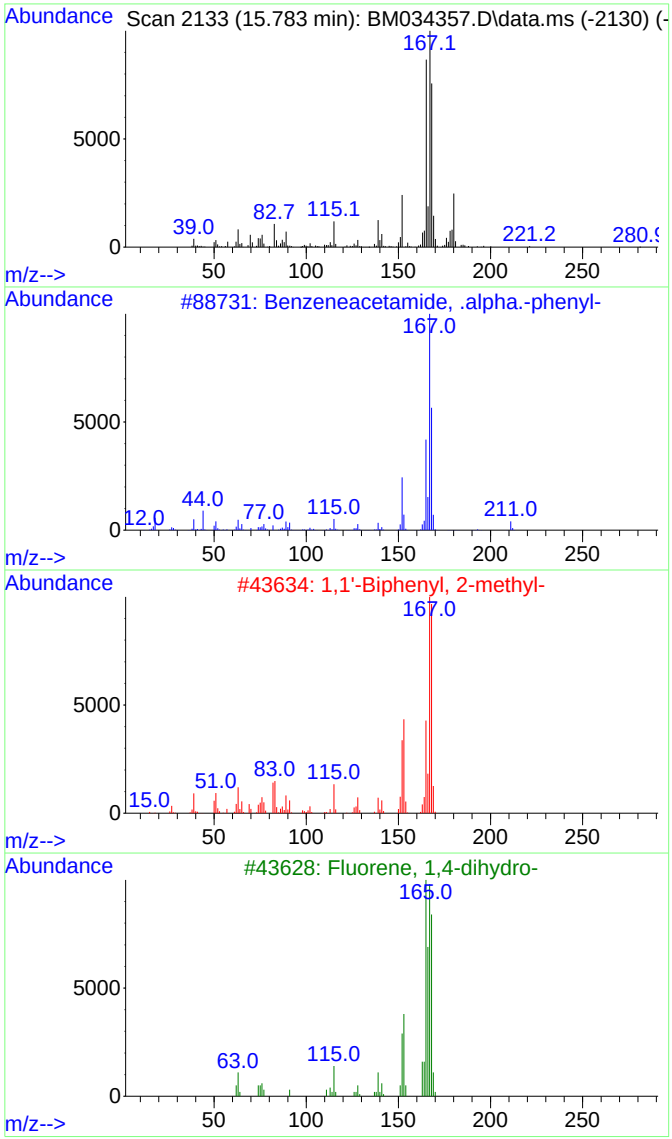
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

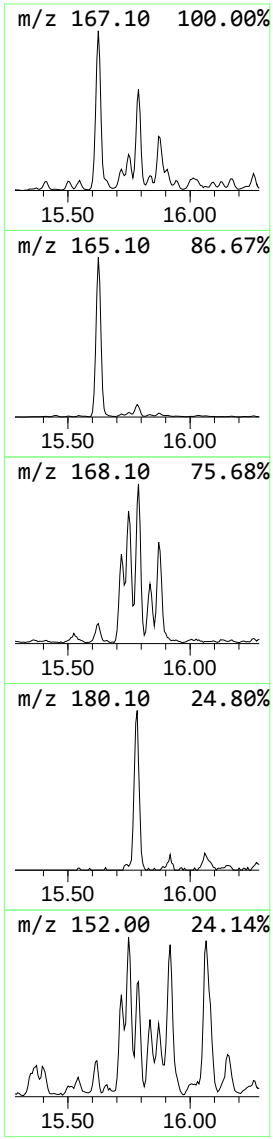
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzeneacetamide, .alpha.-p... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.783	4.98 ng	500677	Acenaphthene-d10	14.577

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetamide, .alpha.-phenyl-	211	C14H13NO	004695-13-0	59
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	58
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	53
4	Diphenylmethane	168	C13H12	000101-81-5	52
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	50





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Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C-12-11-12

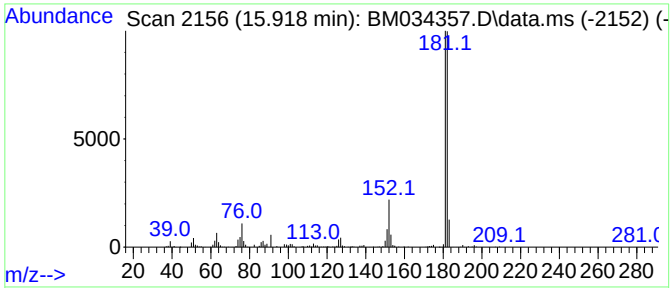
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

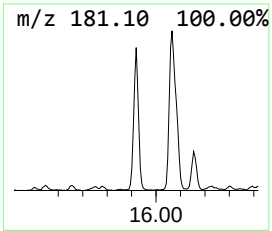
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

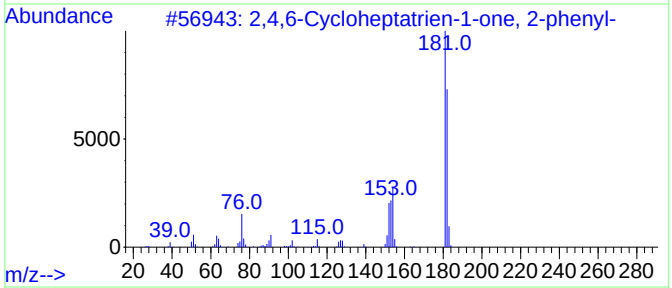
****
Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 13

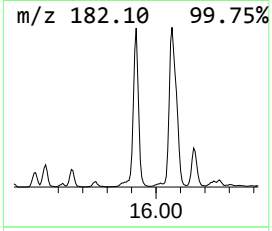
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.918	5.55 ng	558467	Acenaphthene-d10	14.577

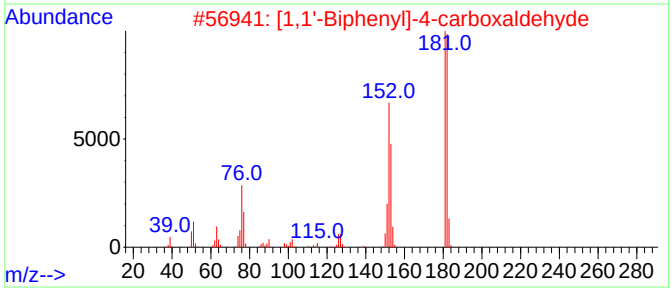
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72

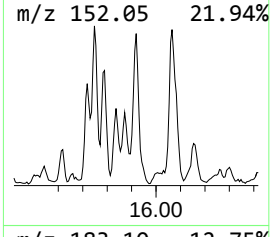


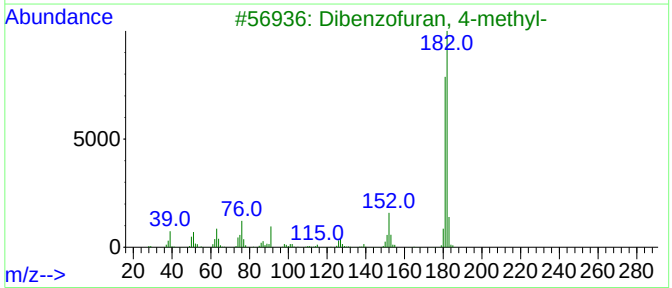


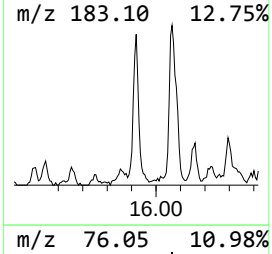


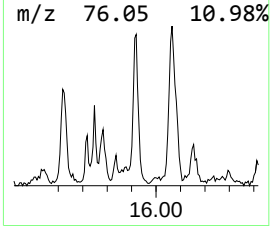












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Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

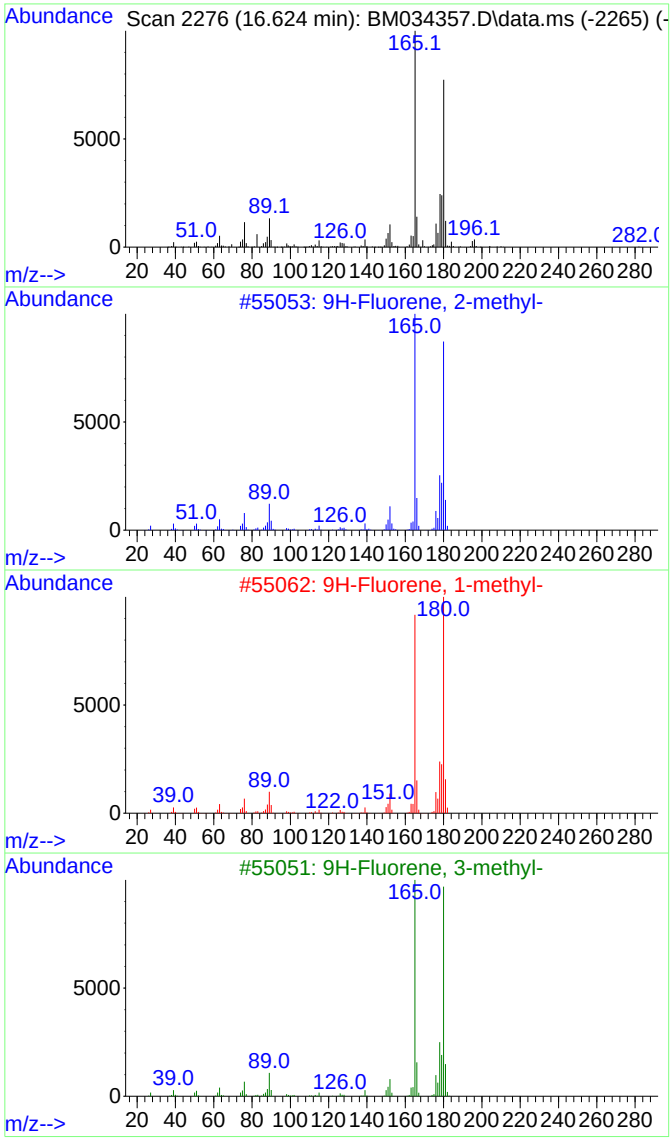
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

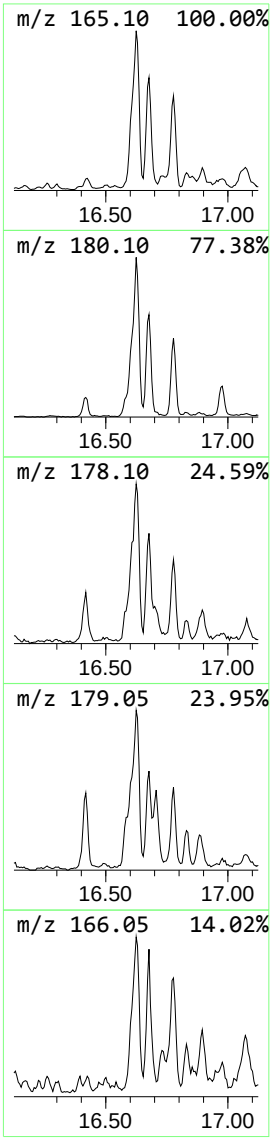
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.624	8.61 ng	885507	Phenanthrene-d10	17.324

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	94
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90





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ClientSampleId :
C-12-11-12

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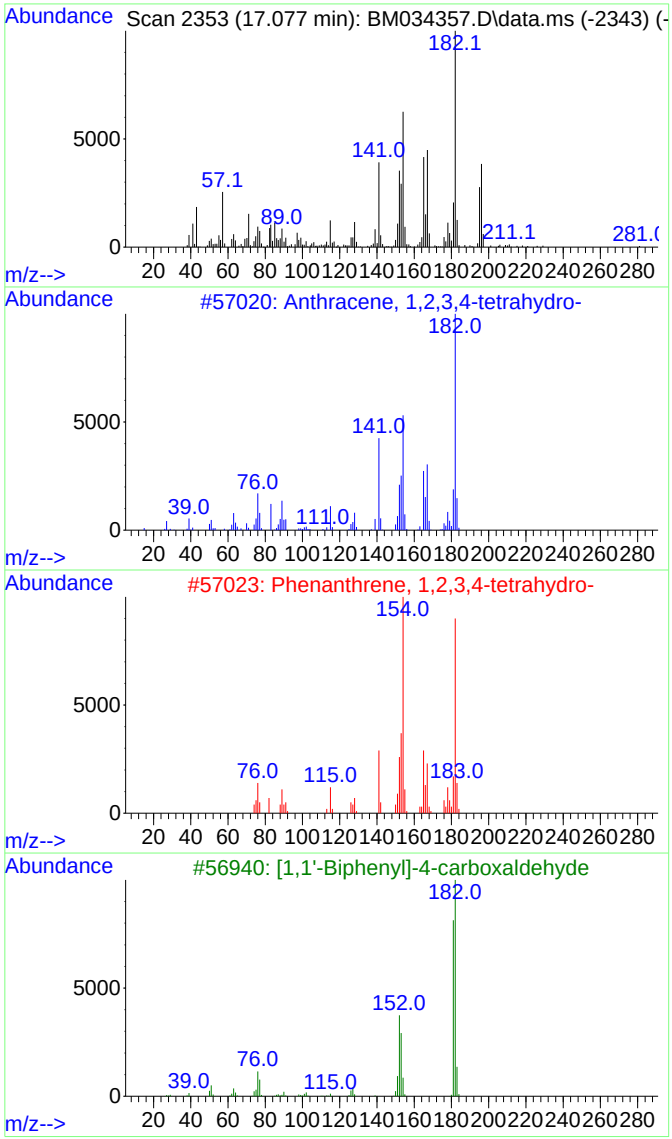
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

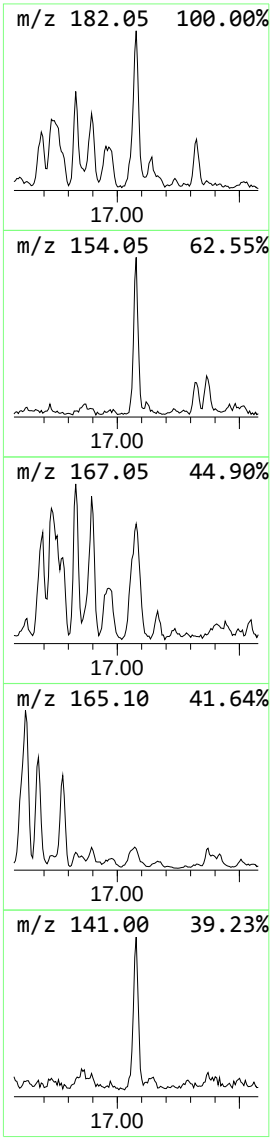
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.077	5.88 ng	604748	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	94
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55
4	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
5	Dehydrochamazulene	182	C14H14	321732-25-6	50





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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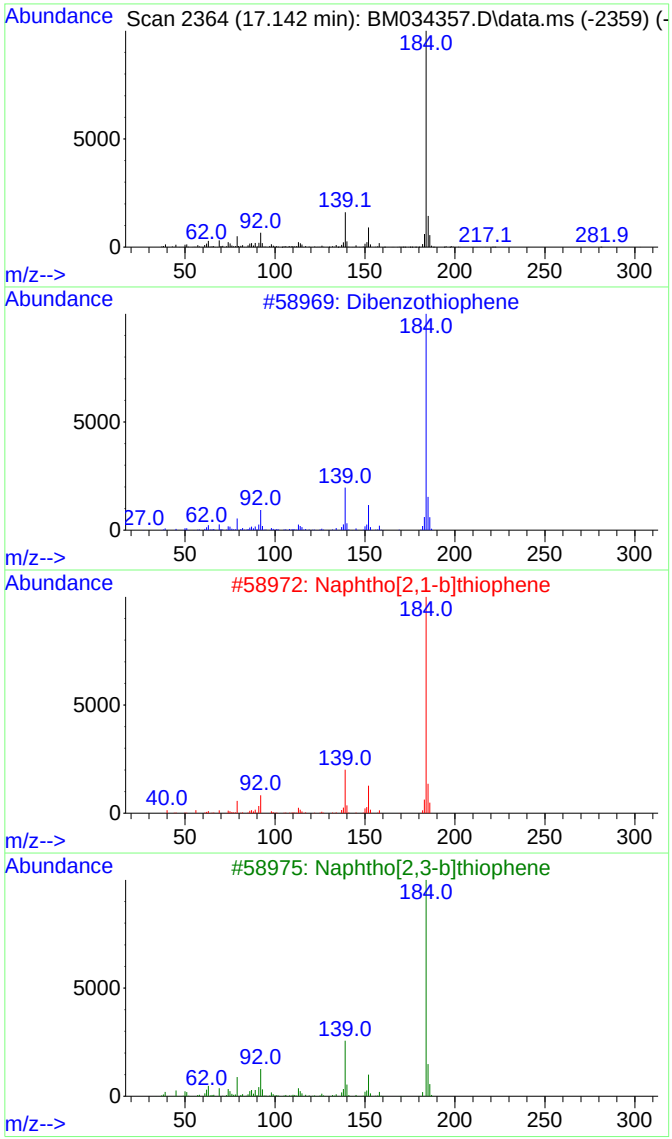
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

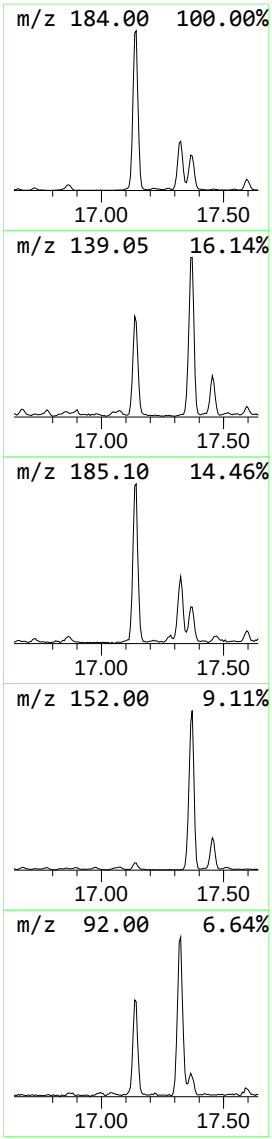
****

Peak Number 9 Dibenzothiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	9.01 ng	927558	Phenanthrene-d10	17.324

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	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	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





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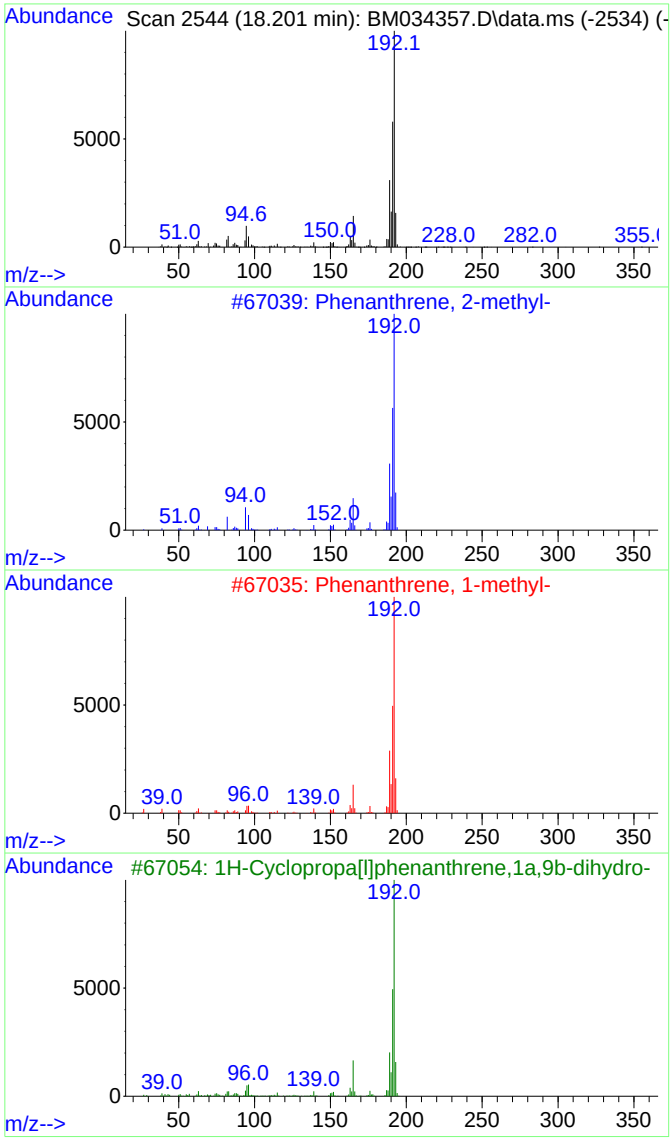
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

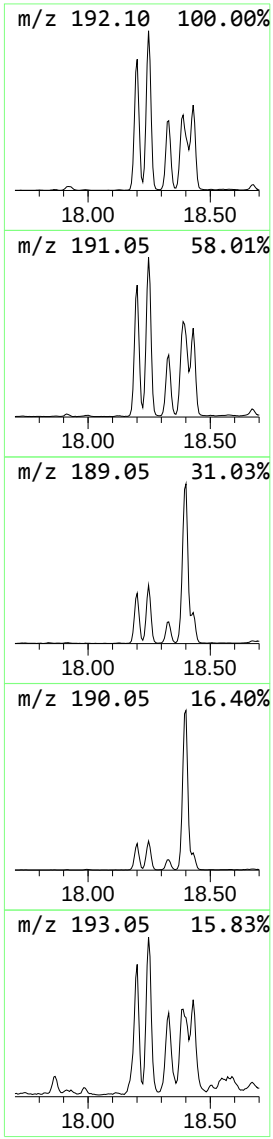
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.201	20.27 ng	2085220	Phenanthrene-d10	17.324

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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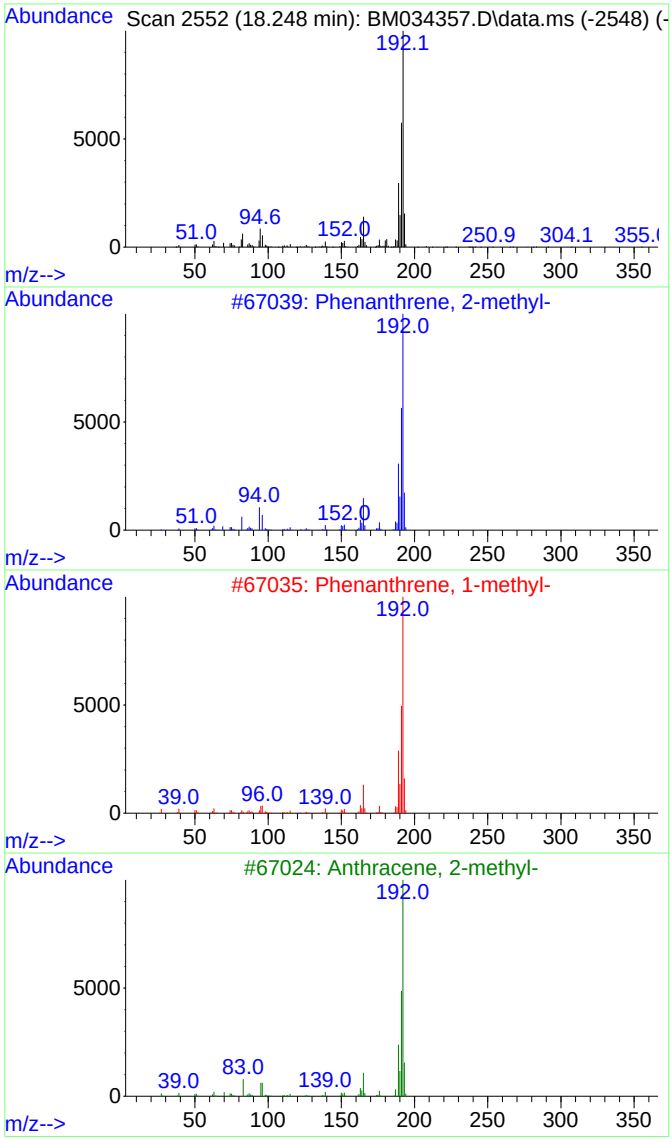
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

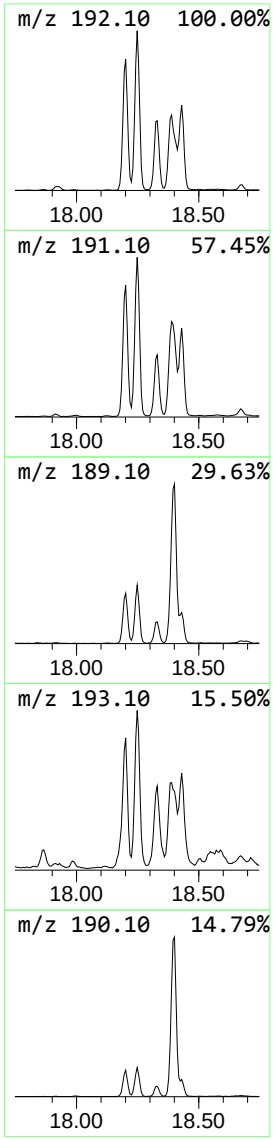
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.248	22.89 ng	2355470	Phenanthrene-d10	17.324

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
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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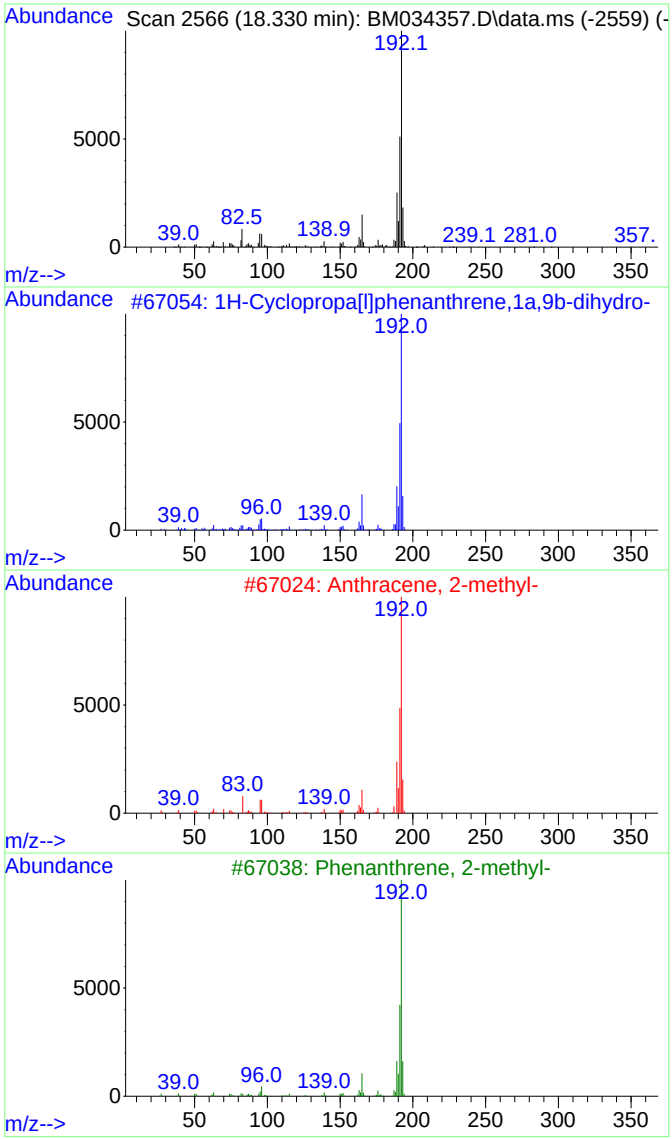
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

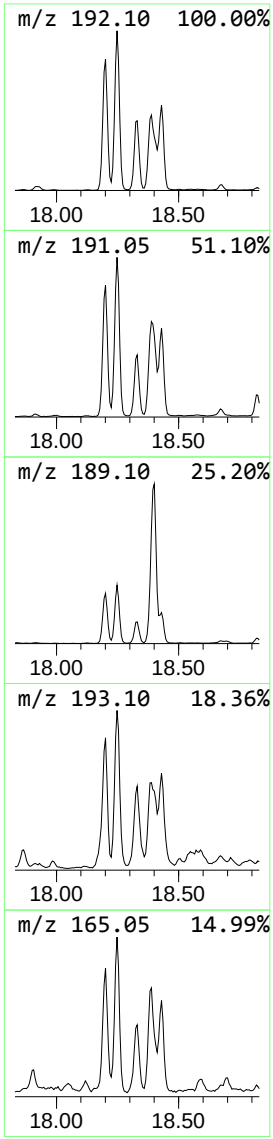
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	10.55 ng	1086030	Phenanthrene-d10	17.324

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





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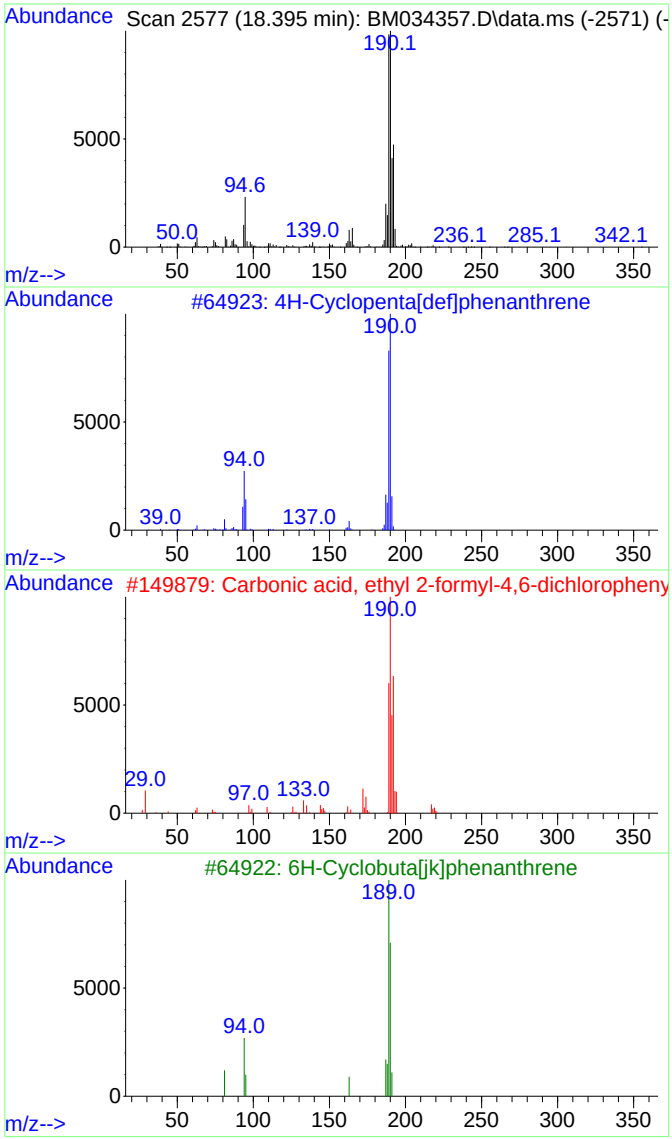
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

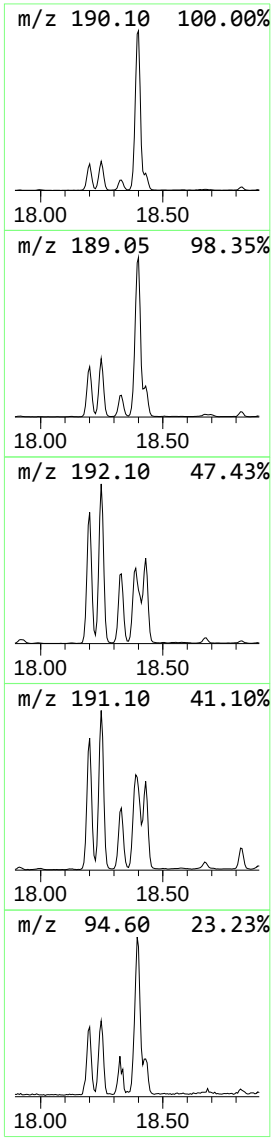
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.395	32.86 ng	3380770	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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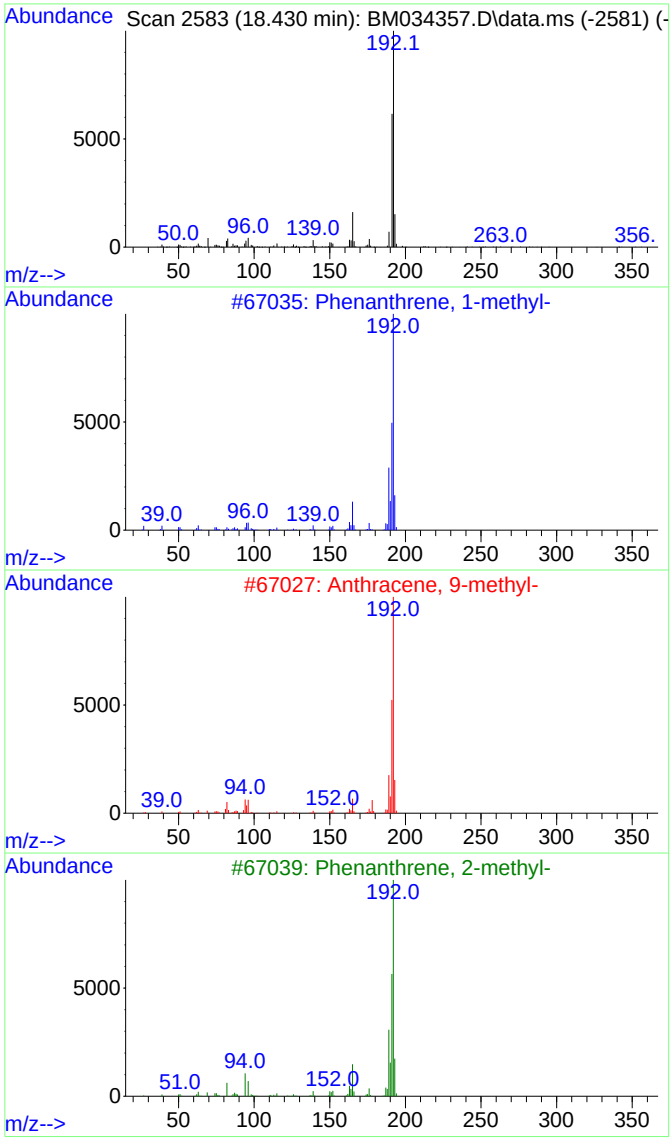
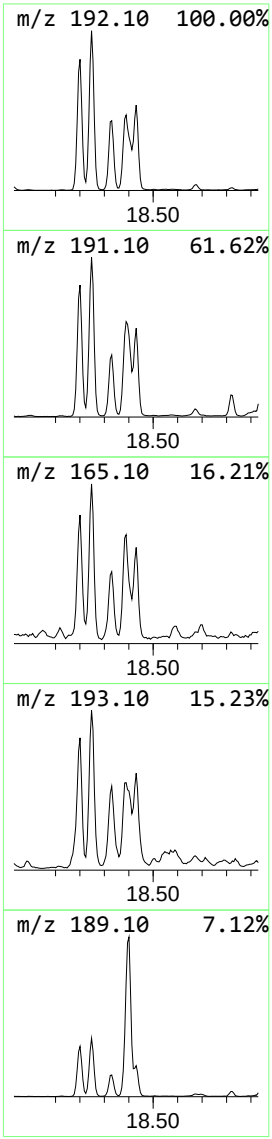
****

Peak Number 14 Anthracene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.430	9.21 ng	948030	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

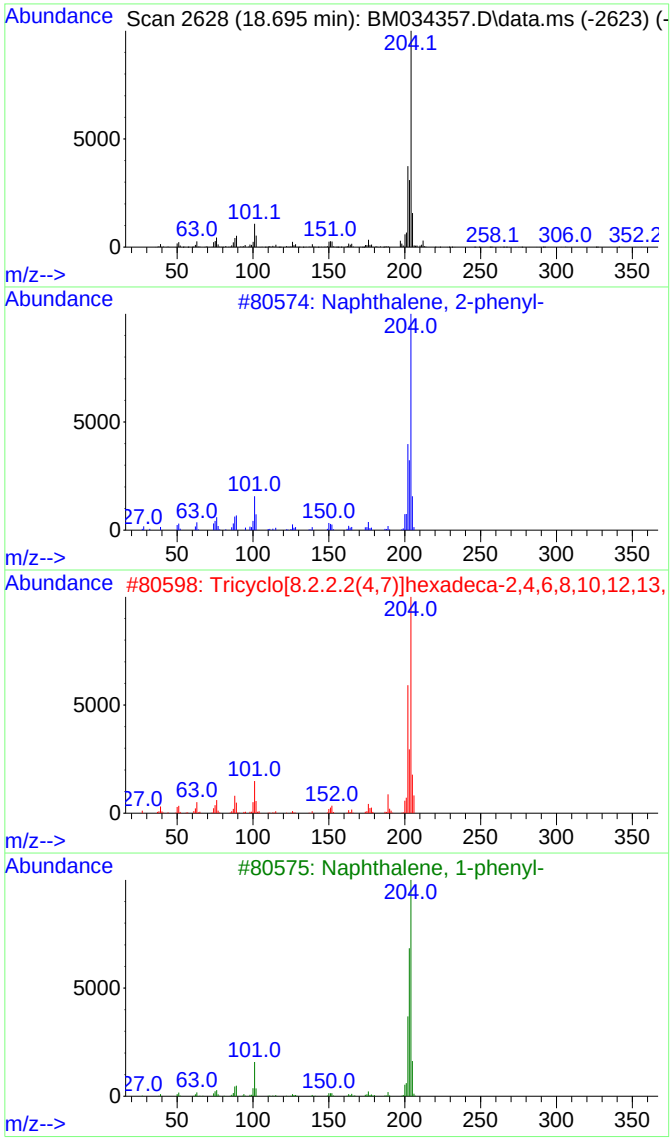
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

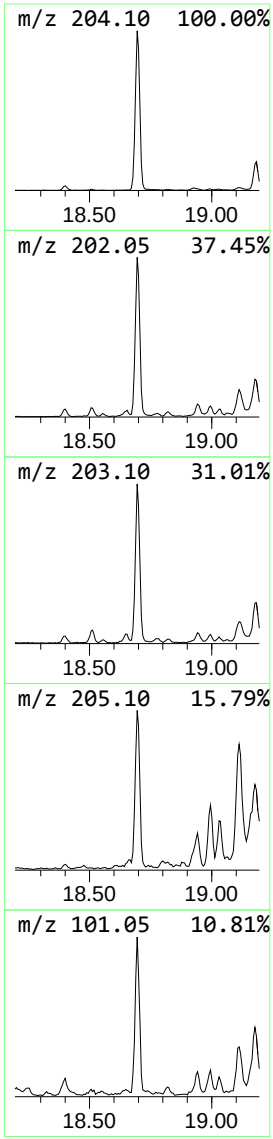
****

Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.695	10.31 ng	1061340	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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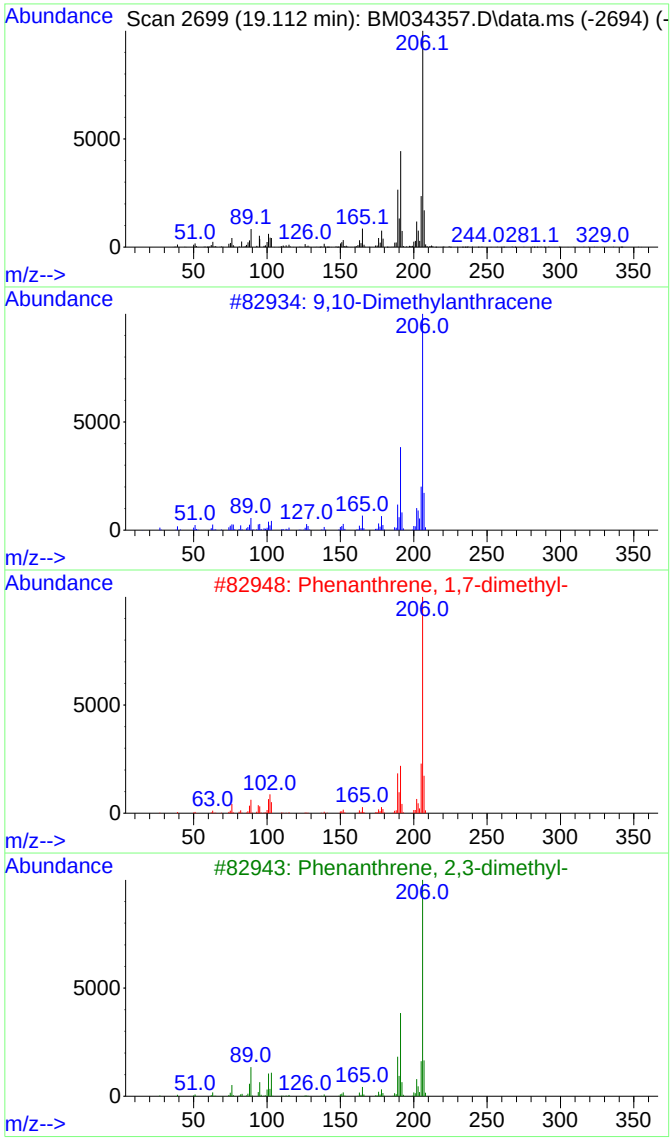
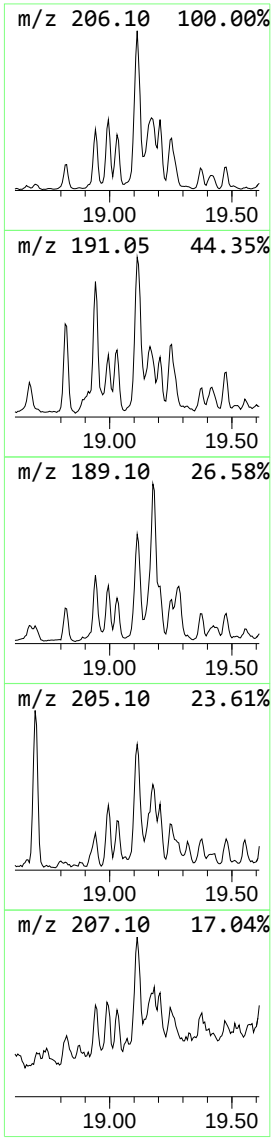
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.112	8.57 ng	881698	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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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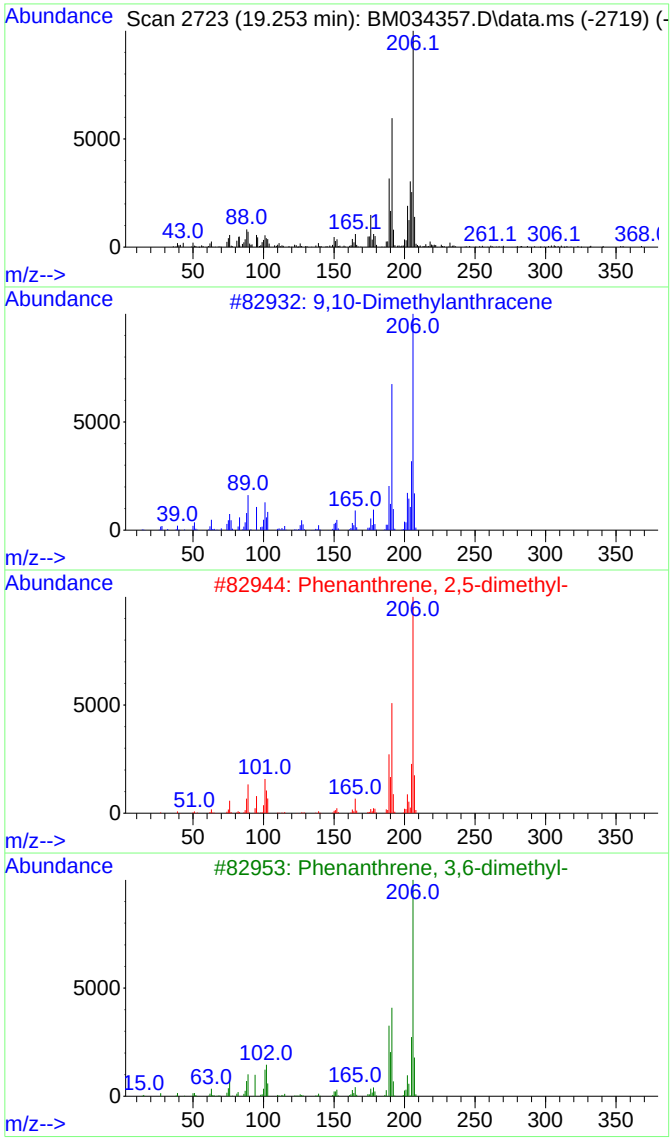
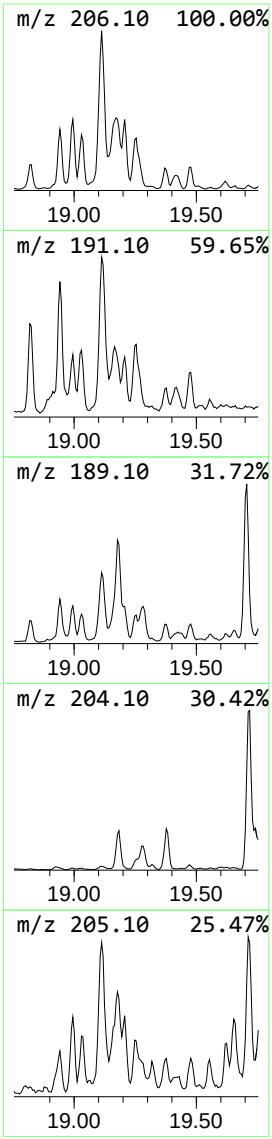
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.253	4.78 ng	491572	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	83
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	76





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Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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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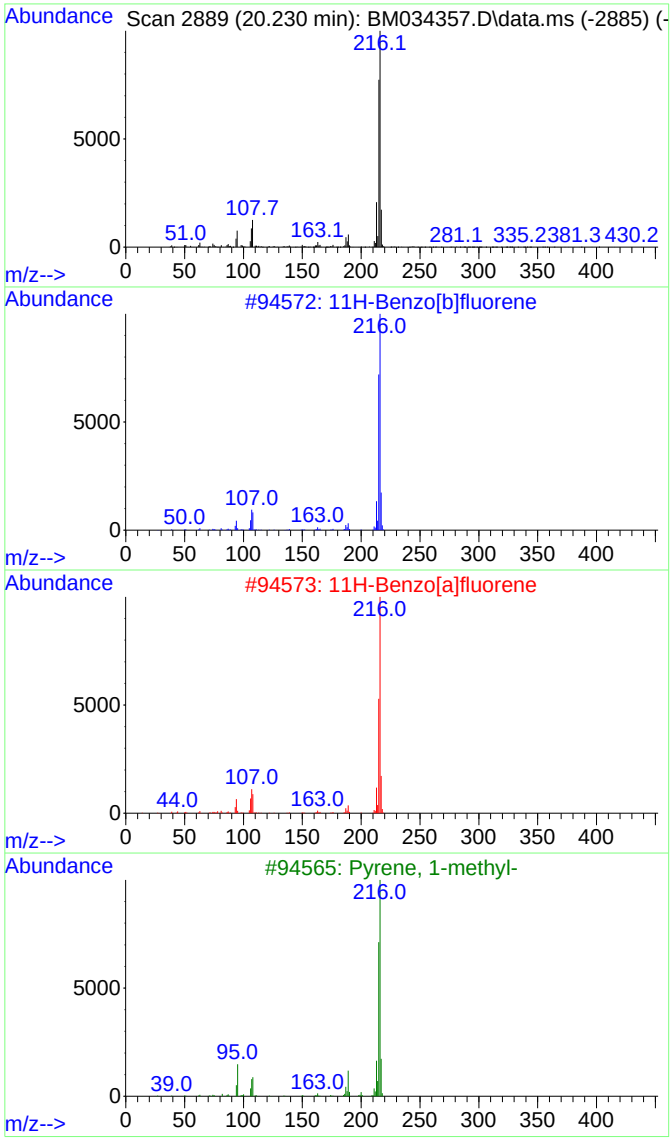
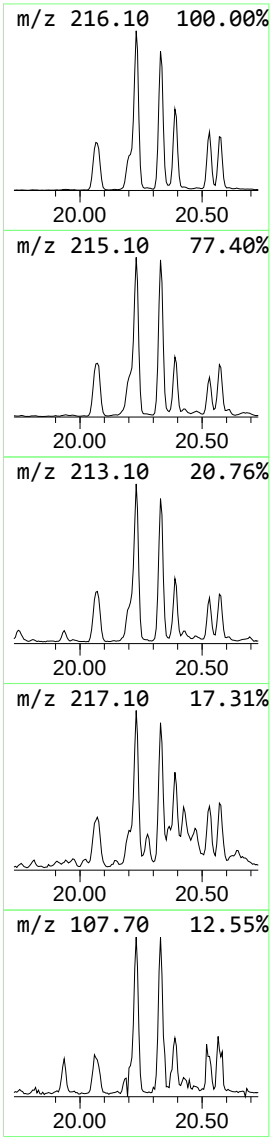
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.230	5.26 ng	1770960	Chrysene-d12	21.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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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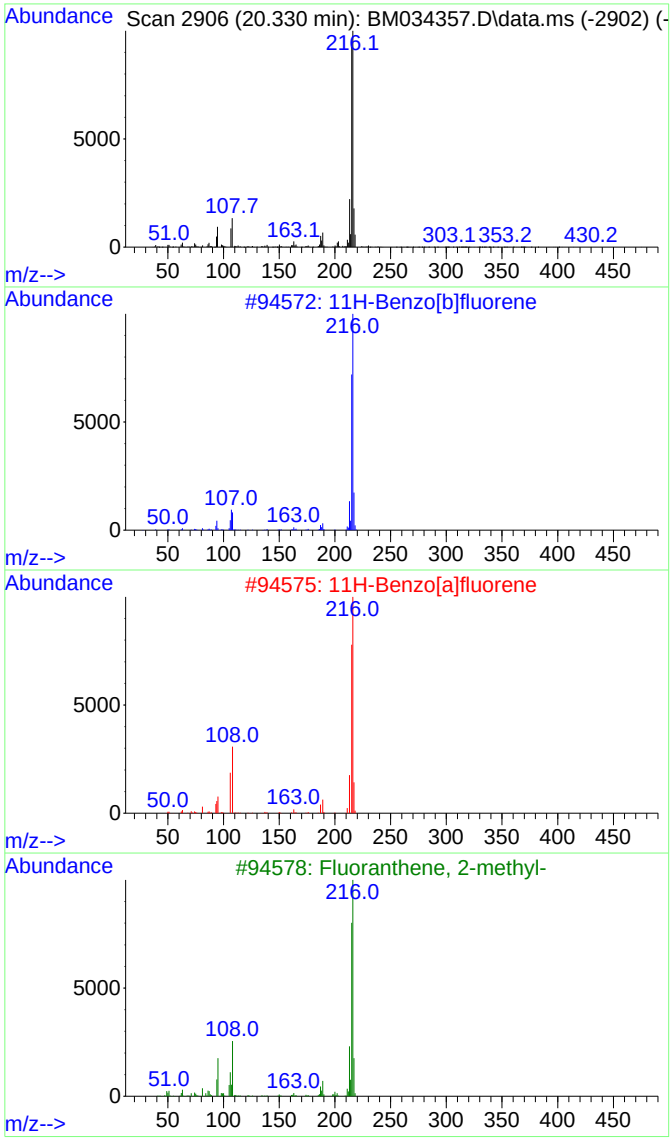
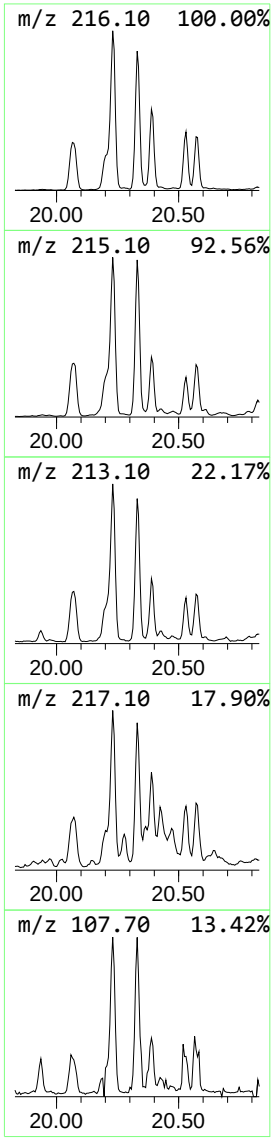
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.330	4.45 ng	1498450	Chrysene-d12	21.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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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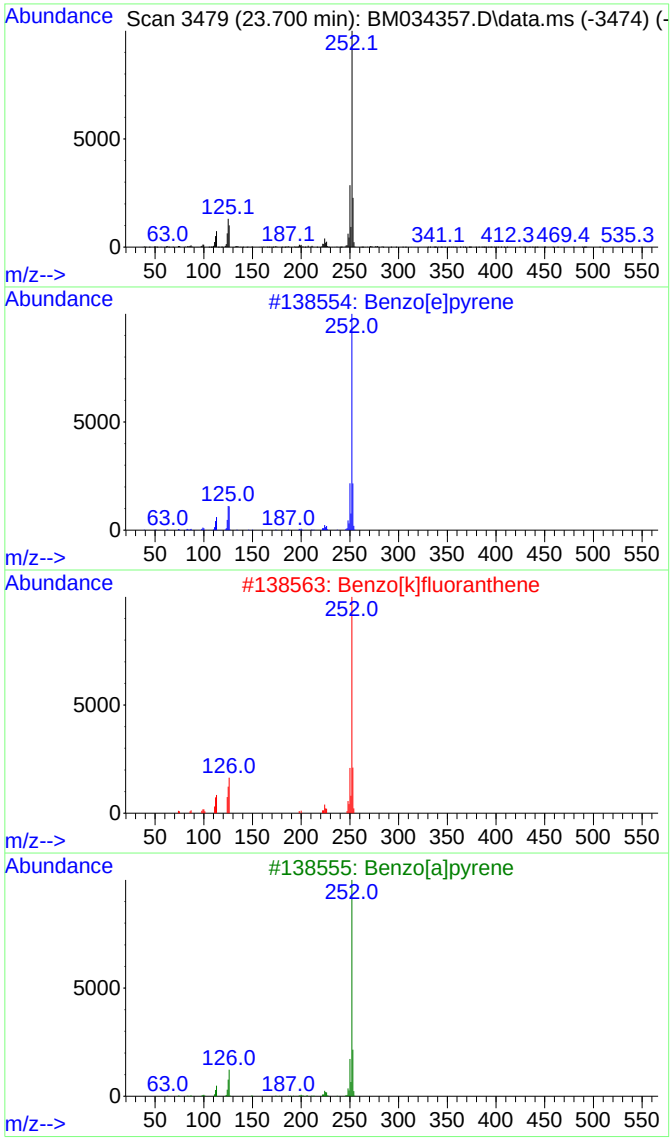
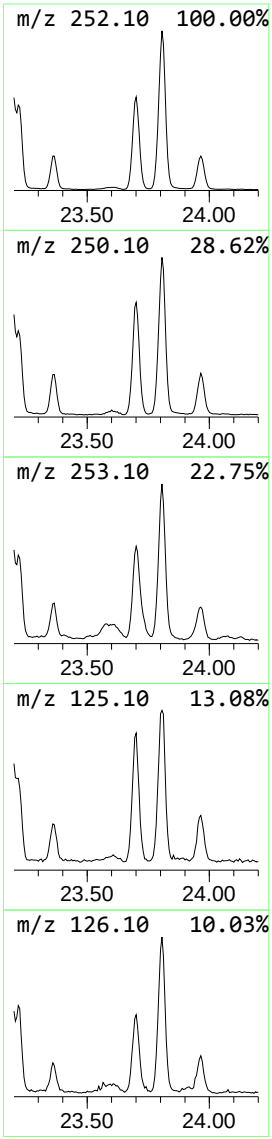
Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.700	25.75 ng	2123300	Perylene-d12	23.912

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\BM032322\
Data File : BM034357.D
Acq On : 24 Mar 2022 02:10
Operator : CG/JU
Sample : N1958-12 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C-12-11-12

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,...	13.748	3.9	ng	390058	3	14.577	2011650	20.0
Naphthalene, 1,...	13.901	8.7	ng	873969	3	14.577	2011650	20.0
Naphthalene, 1,...	13.954	4.6	ng	459594	3	14.577	2011650	20.0
Naphthalene, 2,...	14.136	4.1	ng	415111	3	14.577	2011650	20.0
Benzeneacetamid...	15.783	5.0	ng	500677	3	14.577	2011650	20.0
2,4,6-Cycloheptr...	15.918	5.5	ng	558467	3	14.577	2011650	20.0
9H-Fluorene, 2-...	16.624	8.6	ng	885507	4	17.324	2057880	20.0
Anthracene, 1,2...	17.077	5.9	ng	604748	4	17.324	2057880	20.0
Dibenzothiophene	17.142	9.0	ng	927558	4	17.324	2057880	20.0
Phenanthrene, 2...	18.201	20.3	ng	2085220	4	17.324	2057880	20.0
Phenanthrene, 1...	18.248	22.9	ng	2355470	4	17.324	2057880	20.0
1H-Cyclopropa[l...	18.330	10.6	ng	1086030	4	17.324	2057880	20.0
4H-Cyclopenta[d...	18.395	32.9	ng	3380770	4	17.324	2057880	20.0
Anthracene, 9-m...	18.430	9.2	ng	948030	4	17.324	2057880	20.0
Naphthalene, 2-...	18.695	10.3	ng	1061340	4	17.324	2057880	20.0
9,10-Dimethylan...	19.112	8.6	ng	881698	4	17.324	2057880	20.0
Phenanthrene, 2...	19.253	4.8	ng	491572	4	17.324	2057880	20.0
11H-Benzo[b]flu...	20.230	5.3	ng	1770960	5	21.494	6729560	20.0
11H-Benzo[a]flu...	20.330	4.5	ng	1498450	5	21.494	6729560	20.0
Benzo[e]pyrene	23.700	25.8	ng	2123300	6	23.912	1649210	20.0