LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041301.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.793	776	783	793	rBV	485356	787215	5.67%	0.493%
2	8.322	867	873	885	rVB	496427	787260	5.67%	0.493%
3	10.022	1150	1162	1168	rBV3	128327	321170	2.31%	0.201%
4	10.598	1248	1260	1263	rBV	702407	1180878	8.51%	0.740%
5	10.651	1263	1269	1282	rVV	5905887	9604951	69.22%	6.017%
6	10.769	1282	1289	1299	rVB	251061	439694	3.17%	0.275%
7	12.269	1535	1544	1558	rBV	3986905	6160677	44.40%	3.859%
8	12.487	1570	1581	1592	rVB	2771269	4531513	32.66%	2.839%
9	13.286	1709	1717	1726	rBV	885061	1292946	9.32%	0.810%
10	13.481	1745	1750	1761	rVB	268869	566568	4.08%	0.355%
11	13.628	1764	1775	1782	rBV3	747529	1828849	13.18%	1.146%
12	13.692	1782	1786	1792	rVV	244656	346083	2.49%	0.217%
13	13.775	1792	1800	1805	rVV	1166188	2143846	15.45%	1.343%
14	13.828	1805	1809	1817	rVV	698649	1160650	8.37%	0.727%
15	13.910	1817	1823	1830	rVB	450432	657201	4.74%	0.412%
16	14.010	1834	1840	1844	rBV	542766	816247	5.88%	0.511%
17	14.181	1860	1869	1880	rBV	1939857	2899805	20.90%	1.816%
18	14.457	1912	1916	1921	rVB	1200736	1774323	12.79%	1.111%
19	14.522	1921	1927	1935	rVV2	996361	1645550	11.86%	1.031%
20	14.669	1946	1952	1960	rBV2	163475	327147	2.36%	0.205%
21	14.857	1980	1984	1991	rVB	341346	500663	3.61%	0.314%
22	14.933	1991	1997	2001	rBV	285401	381484	2.75%	0.239%
23	15.063	2013	2019	2025	rBV4	322350	704292	5.08%	0.441%
24	15.333	2061	2065	2071	rVB	474735	619036	4.46%	0.388%
25	15.457	2082	2086	2090	rVV	326841	487443	3.51%	0.305%
26	15.510	2090	2095	2107	rVB	2377453	3695832	26.64%	2.315%
27	15.716	2125	2130	2139	rVB2	204154	352688	2.54%	0.221%
28	15.804	2140	2145	2150	rBV2	188516	321922	2.32%	0.202%
29	15.922	2160	2165	2169	rBV	513214	801385	5.78%	0.502%
30	16.516	2258	2266	2271	rBV	569367	1173467	8.46%	0.735%
31	16.569	2271	2275	2280	rVB	314387	404948	2.92%	0.254%
32	16.669	2287	2292	2296	rBV	400970	560847	4.04%	0.351%
33	16.880	2323	2328	2332	rVB2	192973	283960	2.05%	0.178%
34	16.957	2336	2341	2345	rBV2	276568	345596	2.49%	0.216%
35	17.033	2345	2354	2362	rVB	1927078	2903249	20.92%	1.819%
36	17.222	2379	2386	2389	rBV	1435933	2253144	16.24%	1.411%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.269	2389	2394	2399	rVV	9971066	13875058	100.00%	8.691%
38	17.351	2403	2408	2413	rVV	2466626	3325761	23.97%	2.083%
39	17.498	2428	2433	2442	rVB2	178993	364150	2.62%	0.228%
40	17.704	2464	2468	2471	rVV	286727	335696	2.42%	0.210%
41	17.739	2471	2474	2479	rVV	409083	505180	3.64%	0.316%
42	17.798	2479	2484	2493	rVB	1164238	1732776	12.49%	1.085%
43	17.945	2503	2509	2517	rVB	770459	1455788	10.49%	0.912%
44	18.021	2517	2522	2525	rBV2	176334	277749	2.00%	0.174%
45	18.098	2529	2535	2540	rVV	2211985	3586259	25.85%	2.246%
46	18.145	2540	2543	2550	rVB	2393094	3256441	23.47%	2.040%
47	18.227	2552	2557	2562	rBV	845577	1189862	8.58%	0.745%
48	18.292	2562	2568	2572	rBV2	2635900	4761400	34.32%	2.983%
49	18.333	2572	2575	2583	rVB	1356182	1753217	12.64%	1.098%
50	18.404	2583	2587	2592	rVB2	275447	367981	2.65%	0.231%
51	18.498	2599	2603	2607	rVB	291010	363166	2.62%	0.227%
52	18.604	2615	2621	2624	rVV2	1195506	1675193	12.07%	1.049%
53	18.651	2627	2629	2634	rVB	312739	382179	2.75%	0.239%
54	18.763	2643	2648	2654	rBV2	225061	562089	4.05%	0.352%
55	18.816	2654	2657	2660	rVV	302317	474701	3.42%	0.297%
56	18.845	2660	2662	2667	rVV4	310916	565402	4.07%	0.354%
57	18.898	2667	2671	2674	rVV	531560	764287	5.51%	0.479%
58	18.939	2674	2678	2682	rVB3	365110	547684	3.95%	0.343%
59	19.021	2687	2692	2697	rBV2	1115840	1952552	14.07%	1.223%
60	19.086	2697	2703	2706	rVV2	474484	769333	5.54%	0.482%
61	19.116	2706	2708	2711	rVB2	387515	374494	2.70%	0.235%
62	19.157	2711	2715	2717	rBV	284032	414049	2.98%	0.259%
63	19.286	2732	2737	2743	rBV	4123809	5311375	38.28%	3.327%
64	19.351	2743	2748	2751	rBV	331894	449051	3.24%	0.281%
65	19.386	2751	2754	2759	rVV4	197276	343932	2.48%	0.215%
66	19.439	2759	2763	2768	rVB	1312371	1585957	11.43%	0.993%
67	19.533	2774	2779	2782	rBV	706939	1010639	7.28%	0.633%
68	19.657	2790	2800	2807	rVB	6959287	9610874	69.27%	6.020%
69	19.727	2808	2812	2817	rVB2	291697	446518	3.22%	0.280%
70	19.986	2849	2856	2863	rBV2	631881	1397901	10.07%	0.876%
71	20.068	2866	2870	2873	rBV	305092	370339	2.67%	0.232%
72	20.115	2873	2878	2880	rBV2	629787	1034414	7.46%	0.648%
73	20.151	2880	2884	2890	rVB	1581490	2260674	16.29%	1.416%
74	20.215	2891	2895	2897	rBV3	271373	361793	2.61%	0.227%
75	20.251	2897	2901	2906	rVB	1197906	1432954	10.33%	0.898%
76	20.310	2906	2911	2915	rBV	1117942	1475046	10.63%	0.924%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.404	2923	2927	2931	rBV3	188315	311908	2.25%	0.195%
78	20.445	2931	2934	2938	rVV	956086	1263343	9.11%	0.791%
79	20.492	2938	2942	2950	rVB	1083130	1569010	11.31%	0.983%
80	21.068	3036	3040	3043	rVV	1146113	1441764	10.39%	0.903%
81	21.104	3043	3046	3050	rVV	803388	899551	6.48%	0.563%
82	21.145	3050	3053	3056	rVV	314712	343393	2.47%	0.215%
83	21.180	3056	3059	3063	rBV	305519	349938	2.52%	0.219%
84	21.310	3078	3081	3091	rVB	436023	743454	5.36%	0.466%
85	21.415	3093	3099	3104	rBV2	3419125	7111225	51.25%	4.454%
86	21.462	3104	3107	3112	rVB	2603153	3082421	22.22%	1.931%
87	21.539	3117	3120	3124	rVV	348959	440222	3.17%	0.276%
88	21.639	3134	3137	3144	rVB3	418271	703409	5.07%	0.441%
89	21.792	3160	3163	3169	rVB	319536	467750	3.37%	0.293%
90	21.992	3191	3197	3203	rBV	743877	1331982	9.60%	0.834%
91	22.051	3204	3207	3211	rVB	399202	477628	3.44%	0.299%
92	22.157	3222	3225	3229	rVB2	307794	402150	2.90%	0.252%
93	22.204	3229	3233	3236	rVV	439525	677807	4.89%	0.425%
94	22.239	3236	3239	3244	rVB2	486982	677051	4.88%	0.424%
95	22.309	3248	3251	3257	rVB2	301290	410696	2.96%	0.257%
96	23.080	3376	3382	3393	rBV	822304	2622072	18.90%	1.642%
97	23.256	3408	3412	3420	rVB	365677	658442	4.75%	0.412%
98	23.586	3463	3468	3477	rVB	799398	1546002	11.14%	0.968%
99	23.692	3480	3486	3493	rVV	1457773	2594261	18.70%	1.625%
100	23.798	3498	3504	3509	rVV	990055	1730795	12.47%	1.084%

Sum of corrected areas: 159642717

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
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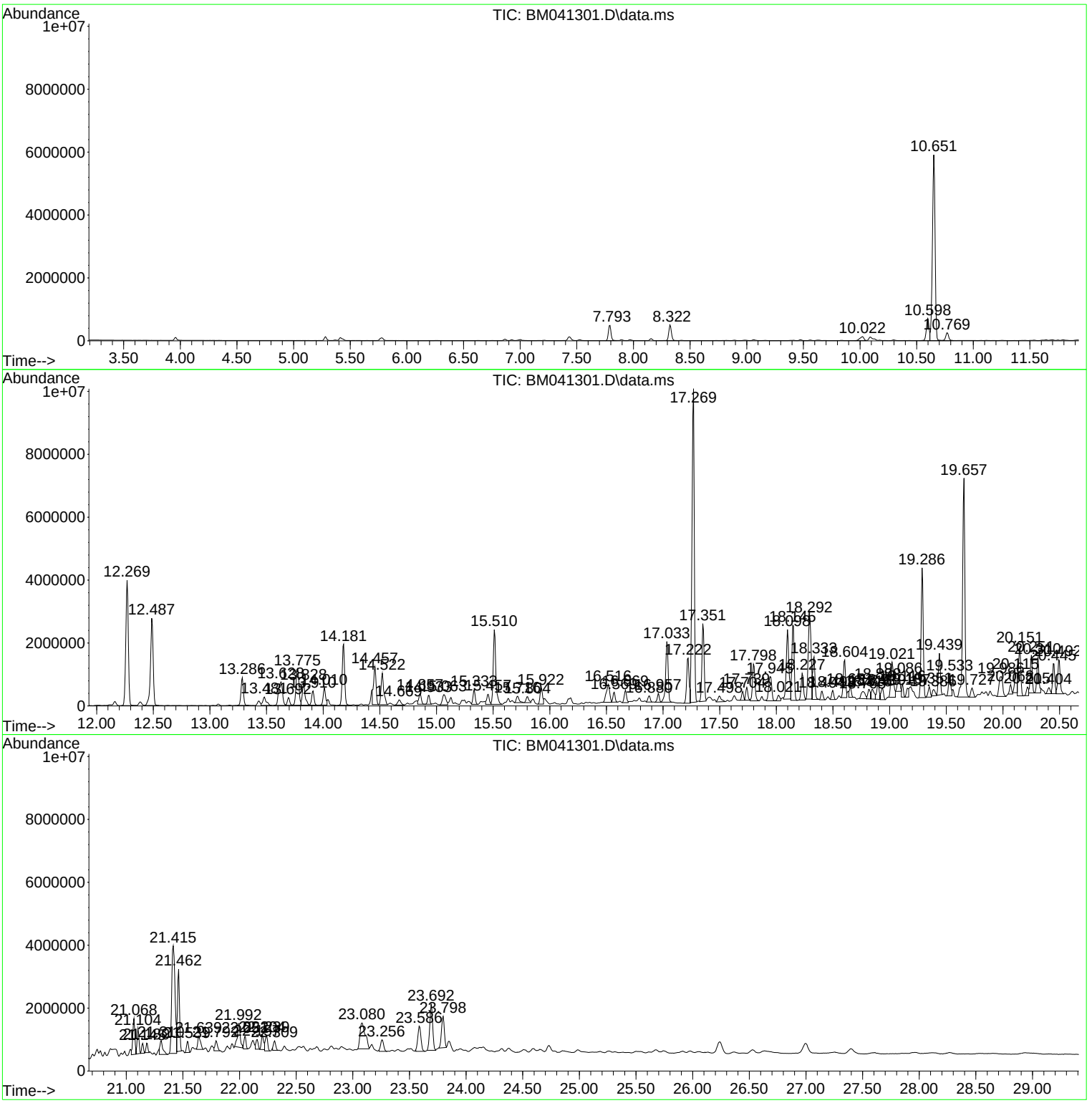
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
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Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

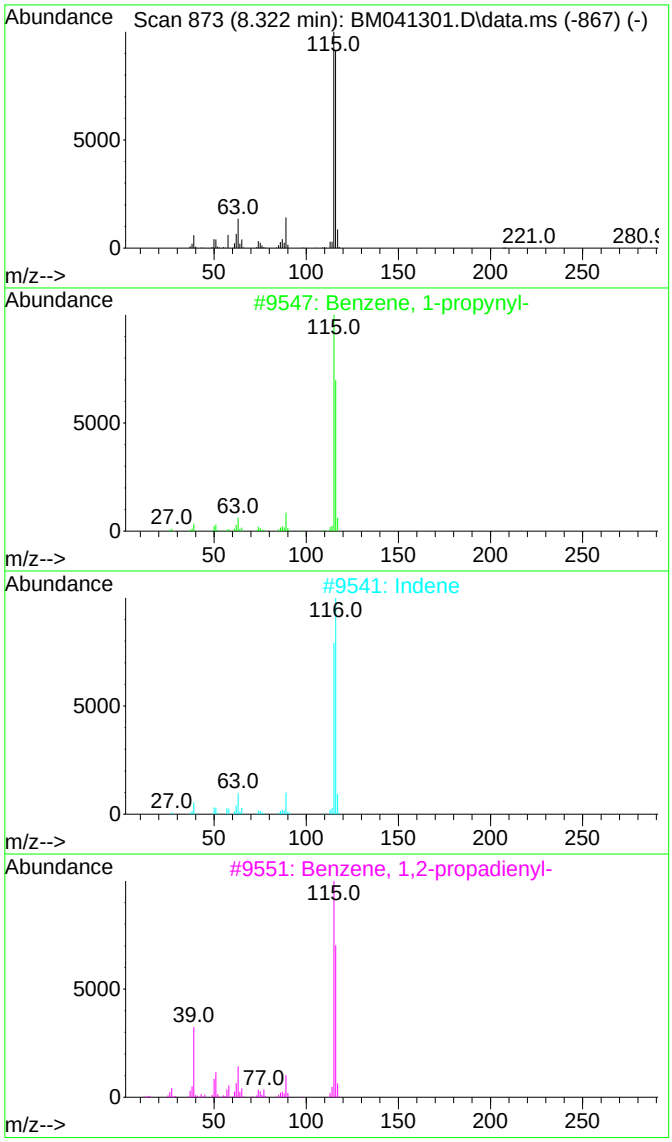
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

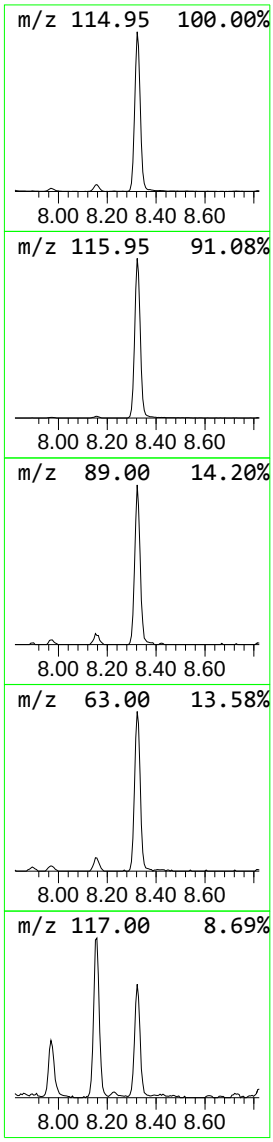
****

Peak Number 1 Benzene, 1-propynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	20.00 ng	787260	1,4-Dichlorobenzene-d4	7.793

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

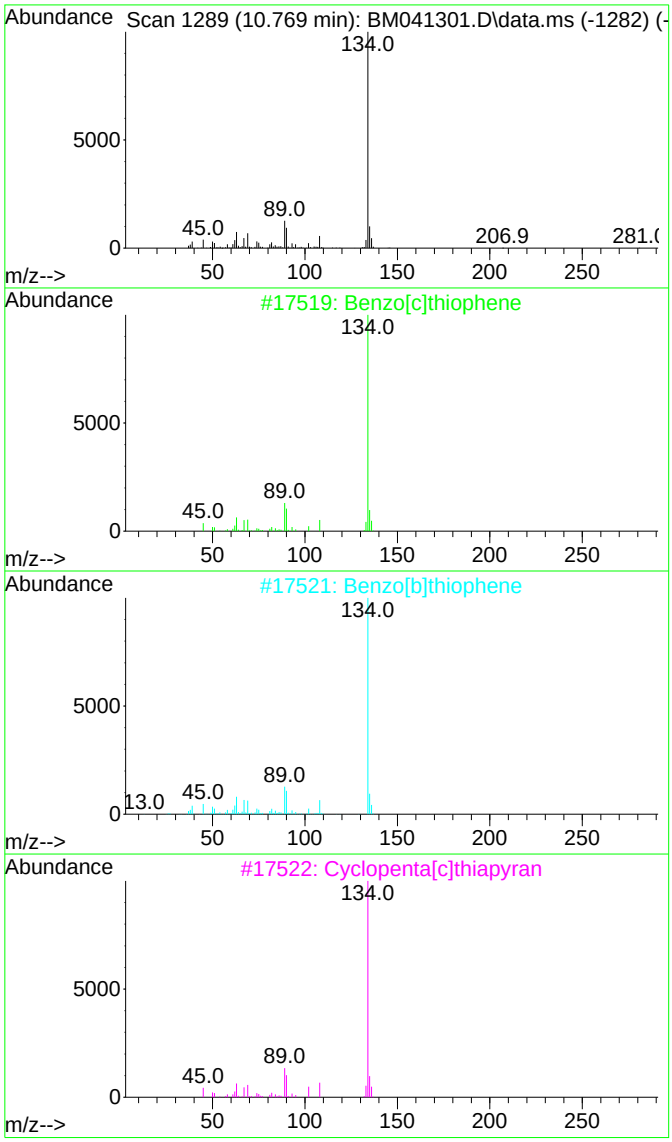
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

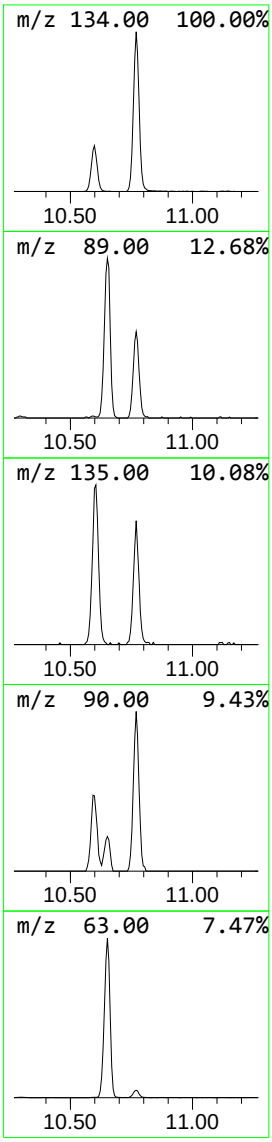
****

Peak Number 2 Benzo[c]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.769	7.45 ng	439694	Naphthalene-d8	10.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	97
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4	[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	56
5	1H-Purine, 6-methyl-	134	C6H6N4	002004-03-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
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BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

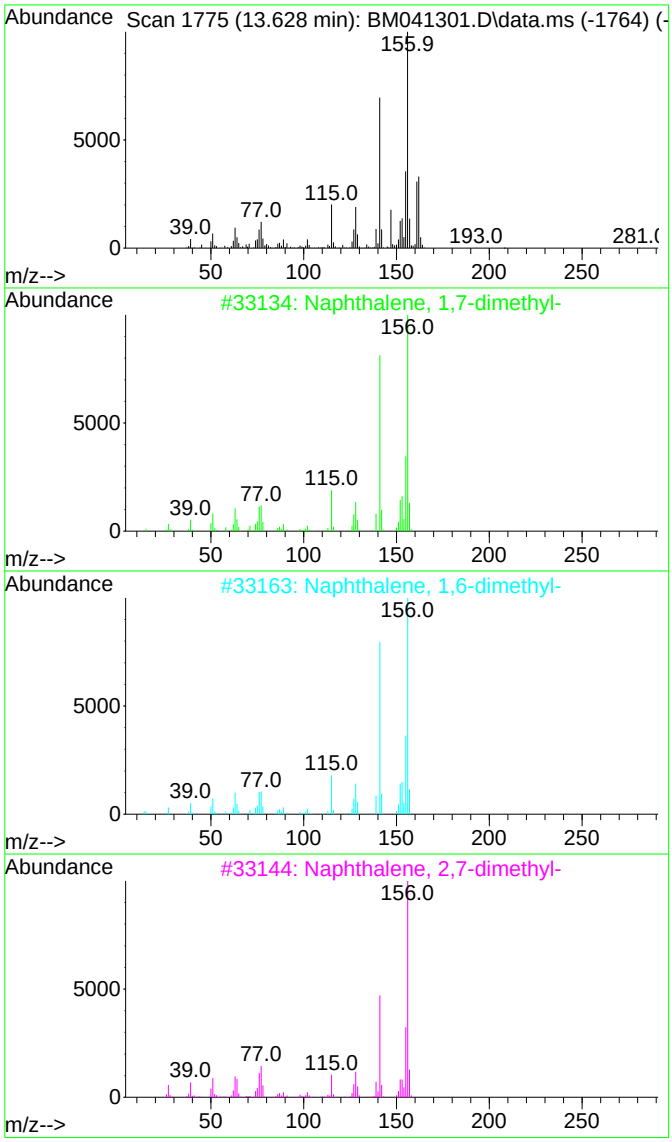
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

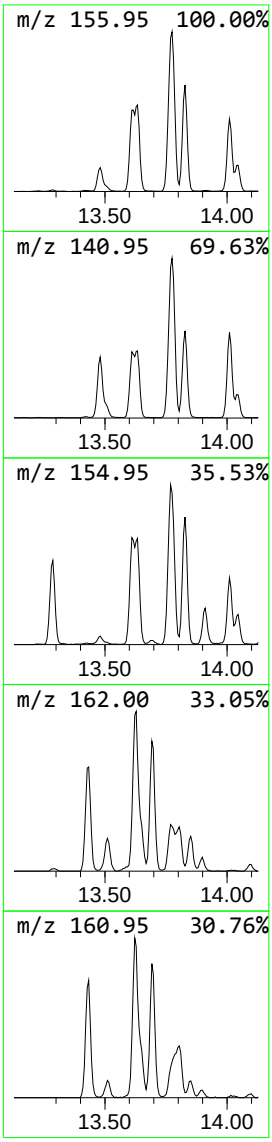
****

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.628	20.61 ng	1828850	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

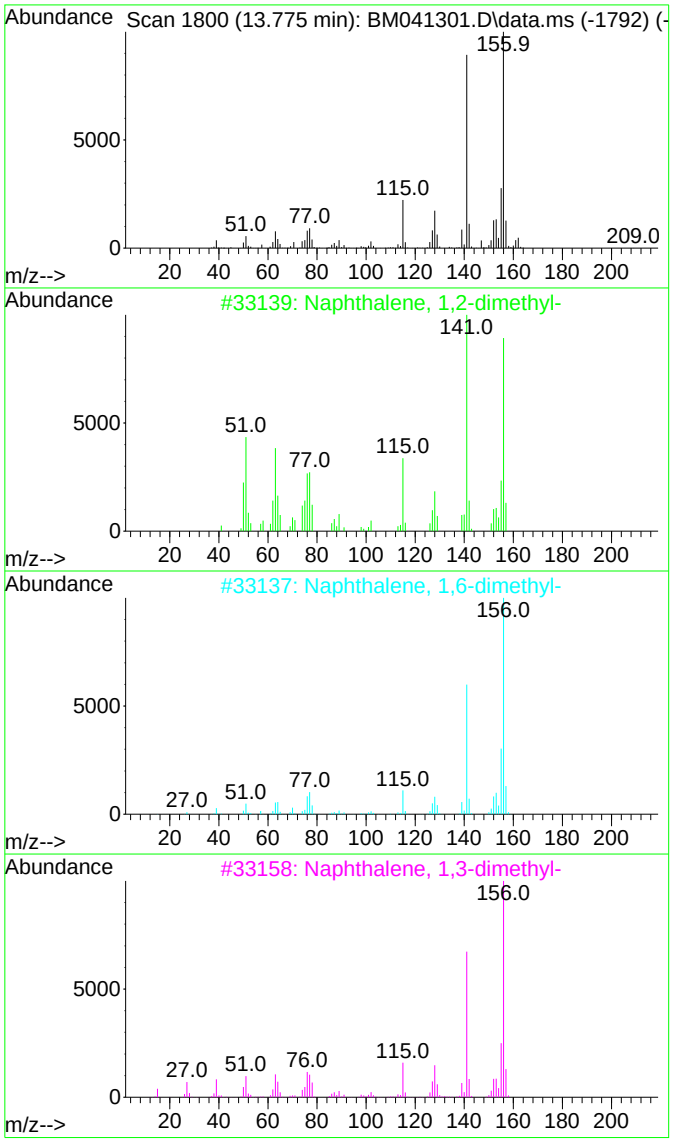
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

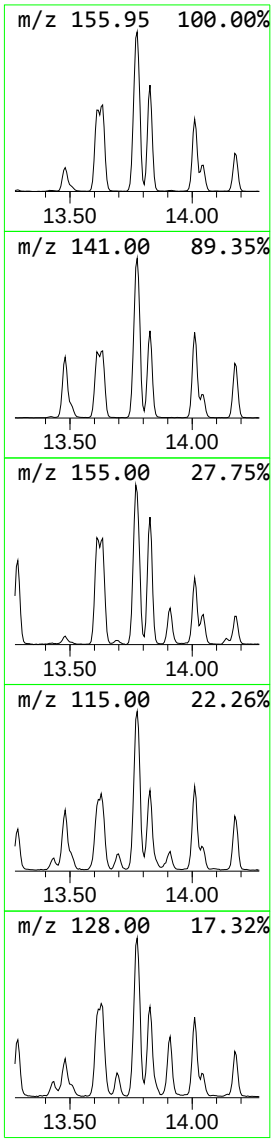
****

Peak Number 4 Naphthalene, 1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.775	24.17 ng	2143850	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

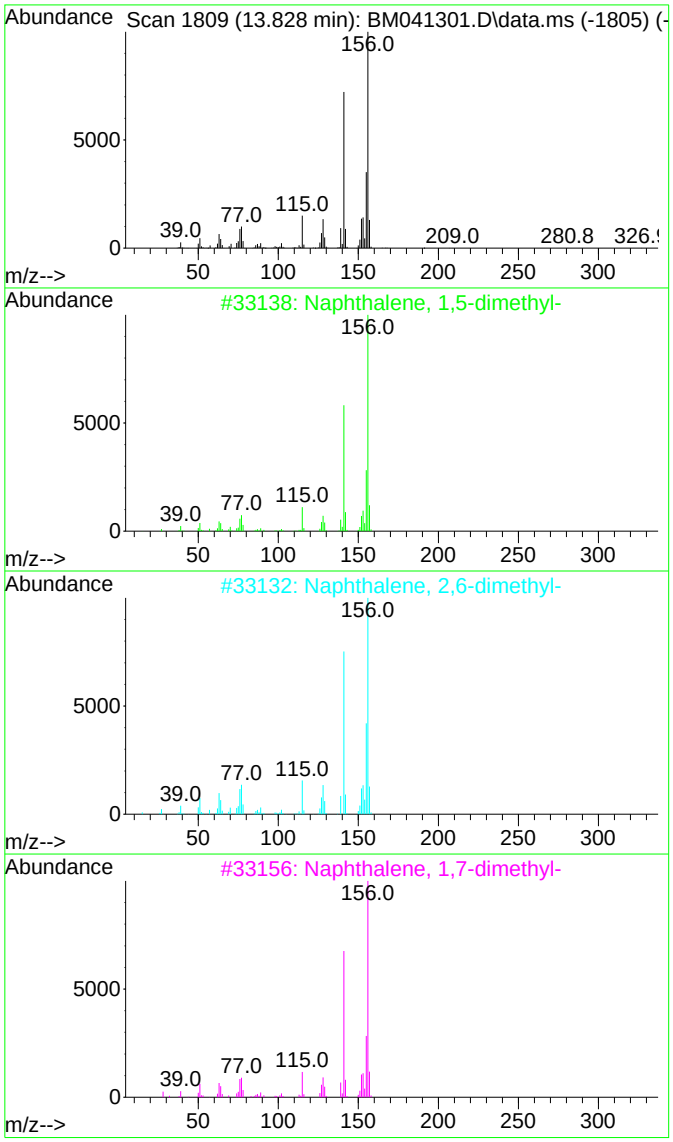
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

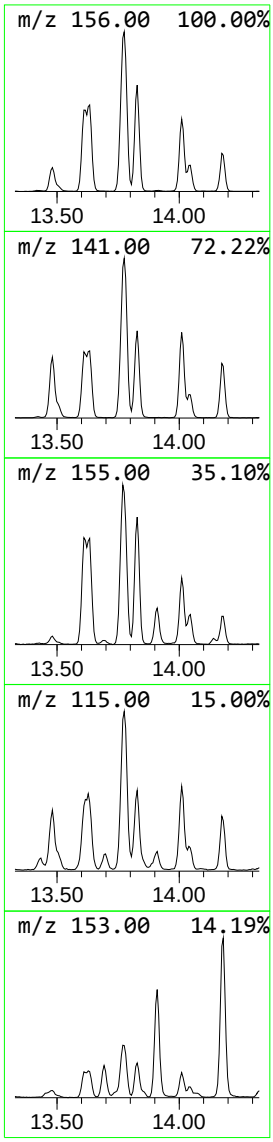
****

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.828	13.08 ng	1160650	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

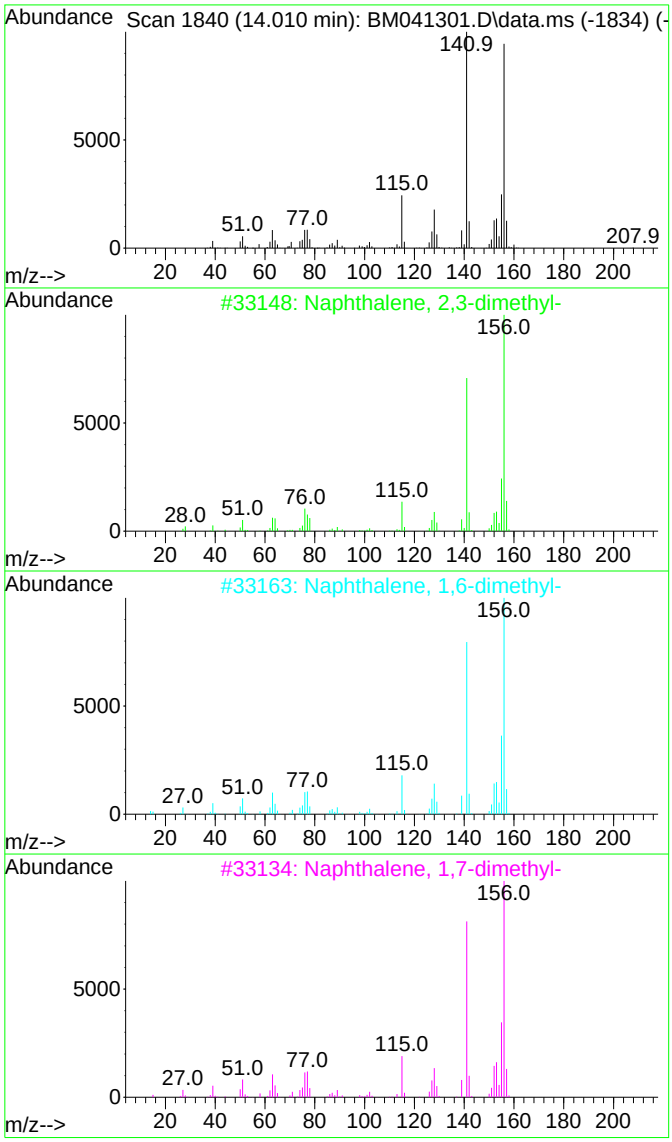
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

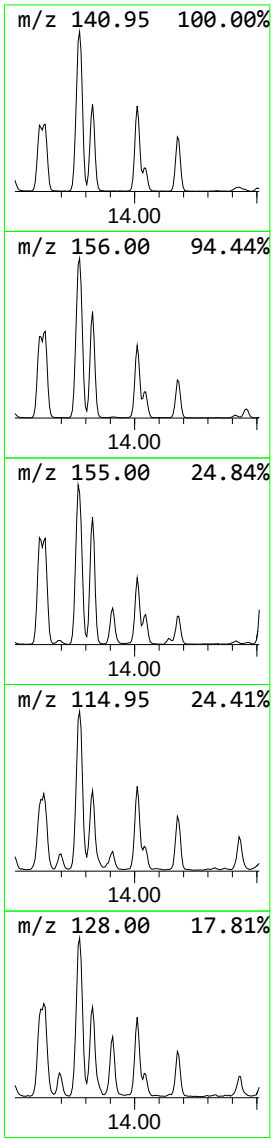
****

Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.010	9.20 ng	816247	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

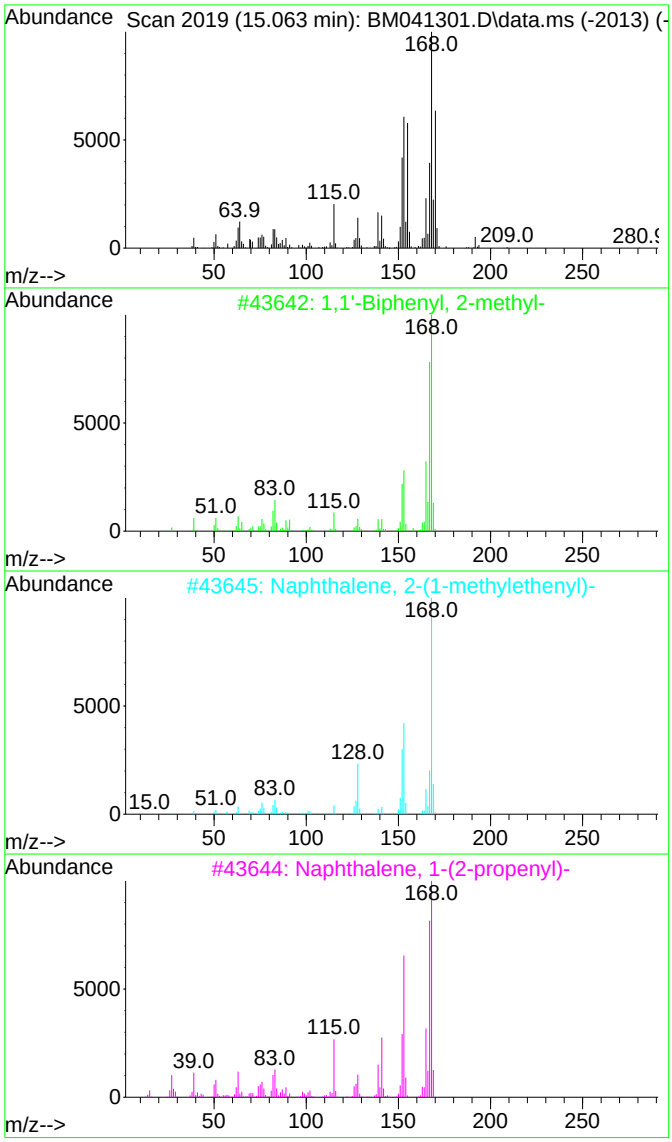
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

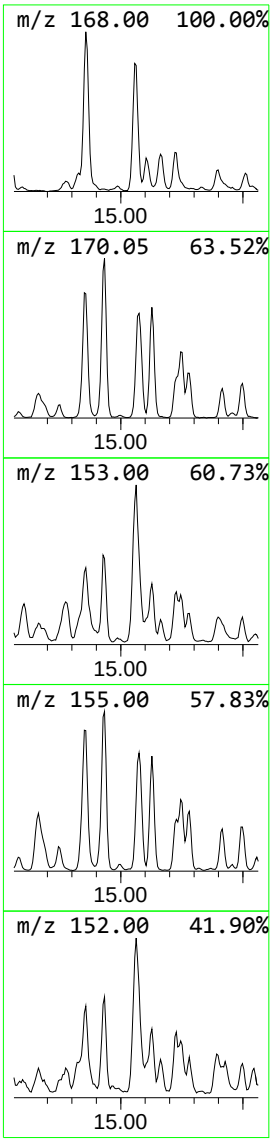
****

Peak Number 7 1,1'-Biphenyl, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.063	7.94 ng	704292	Acenaphthene-d10	14.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	64
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	46
4	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	43
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	35





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

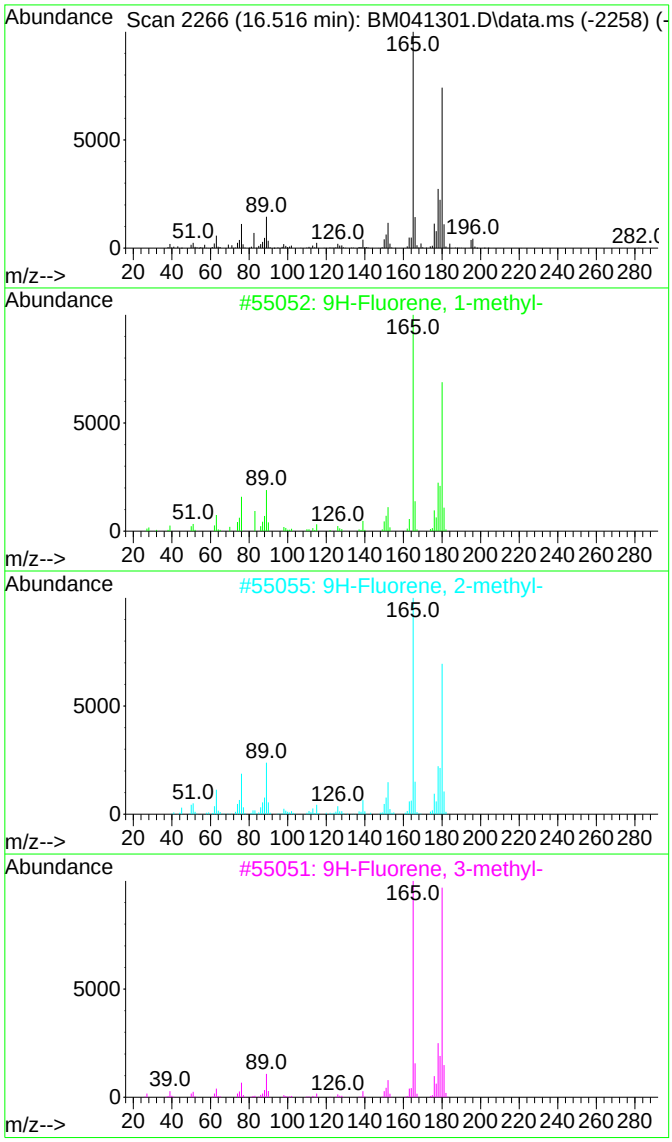
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

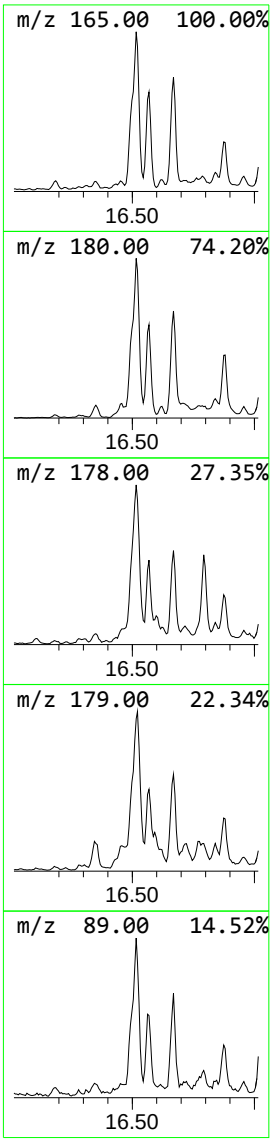
****

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	10.42 ng	1173470	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	94
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	83
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	74





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Sample : 03815-02 50X
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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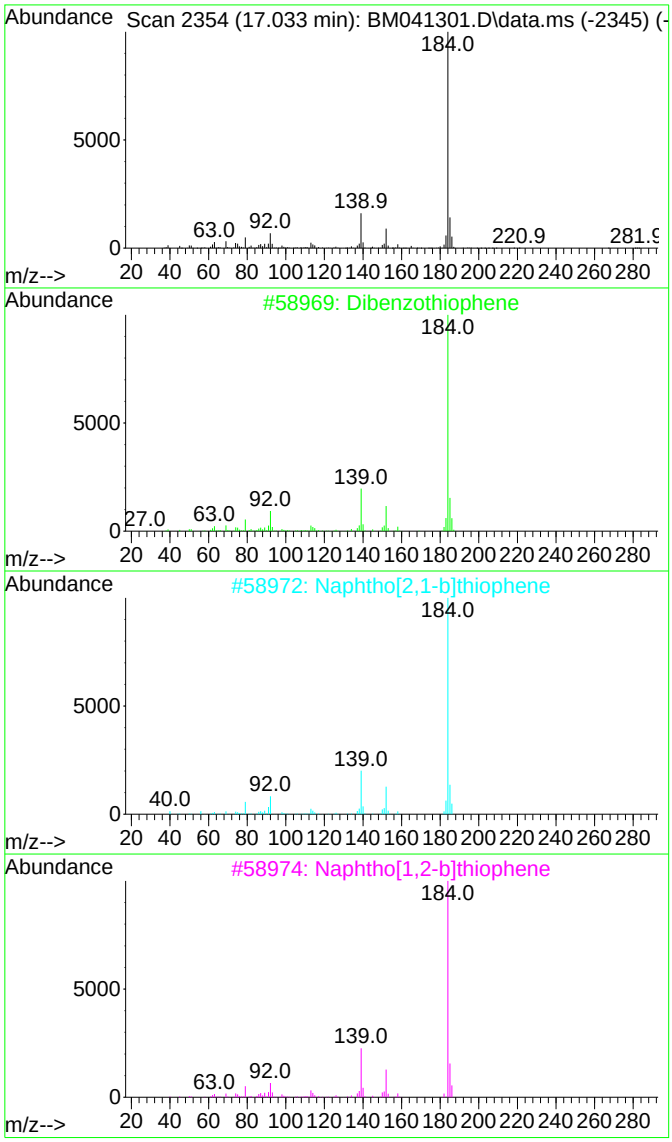
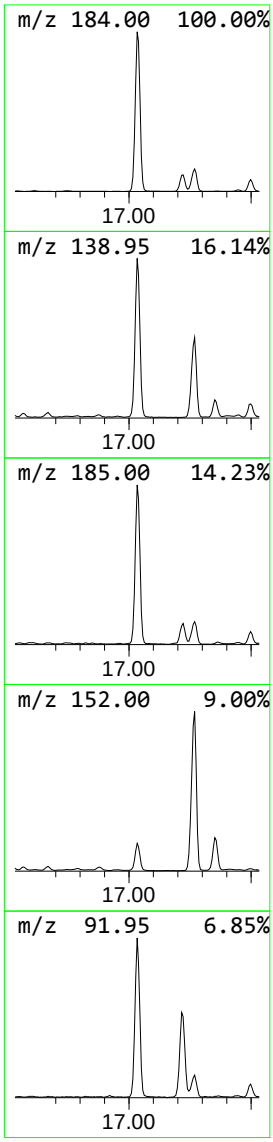
Peak Number 9 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.033	25.77 ng	2903250	Phenanthrene-d10	17.221

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[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-2-(0-5)

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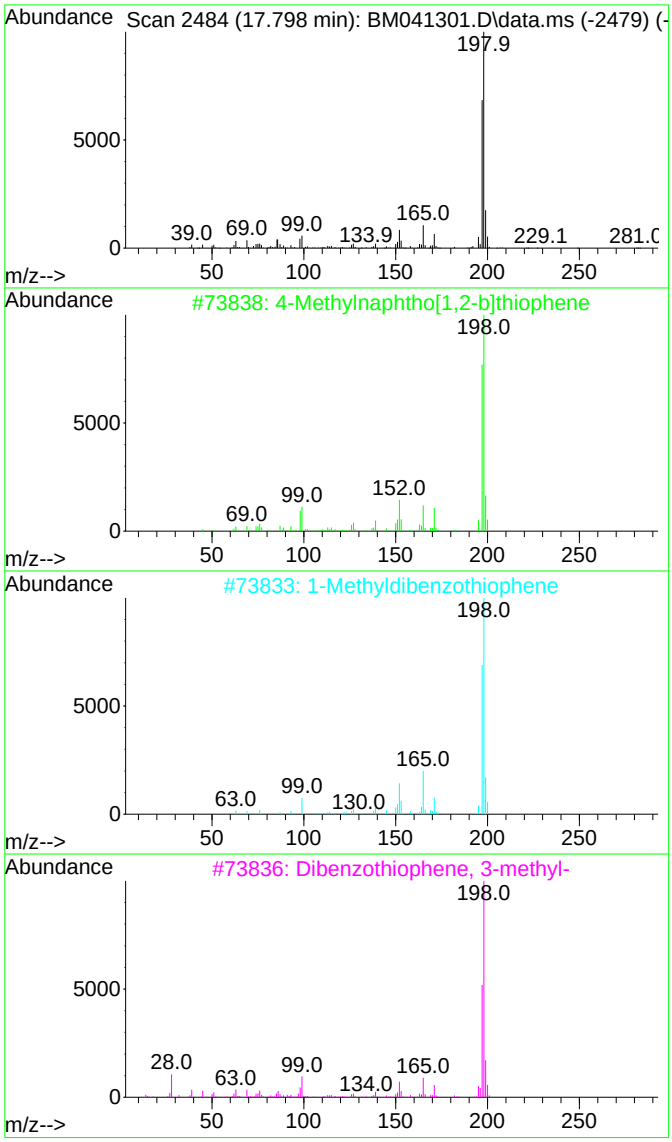
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

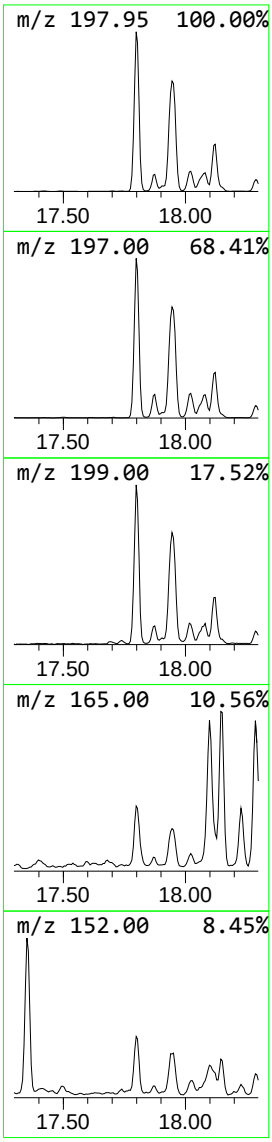
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	15.38 ng	1732780	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-2-(0-5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

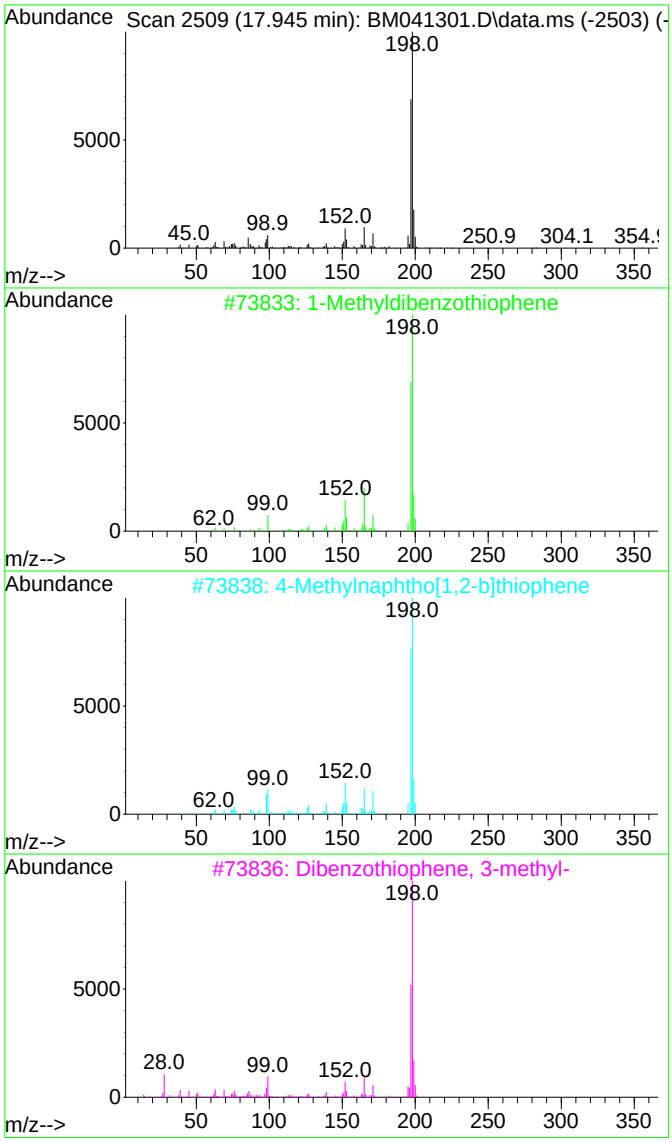
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

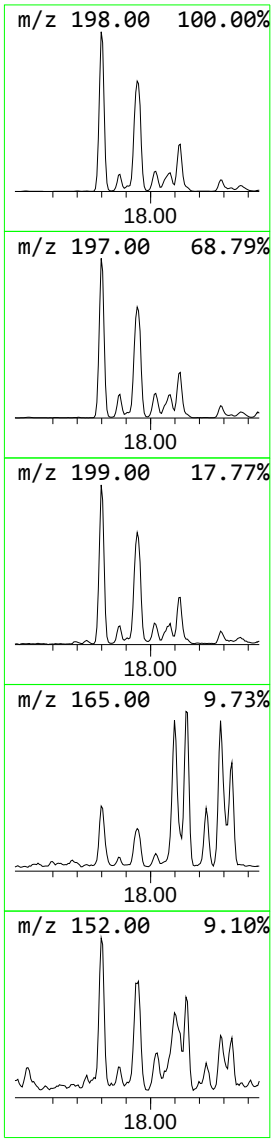
****

Peak Number 11 1-Methyldibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	12.92 ng	1455790	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
3	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	95
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

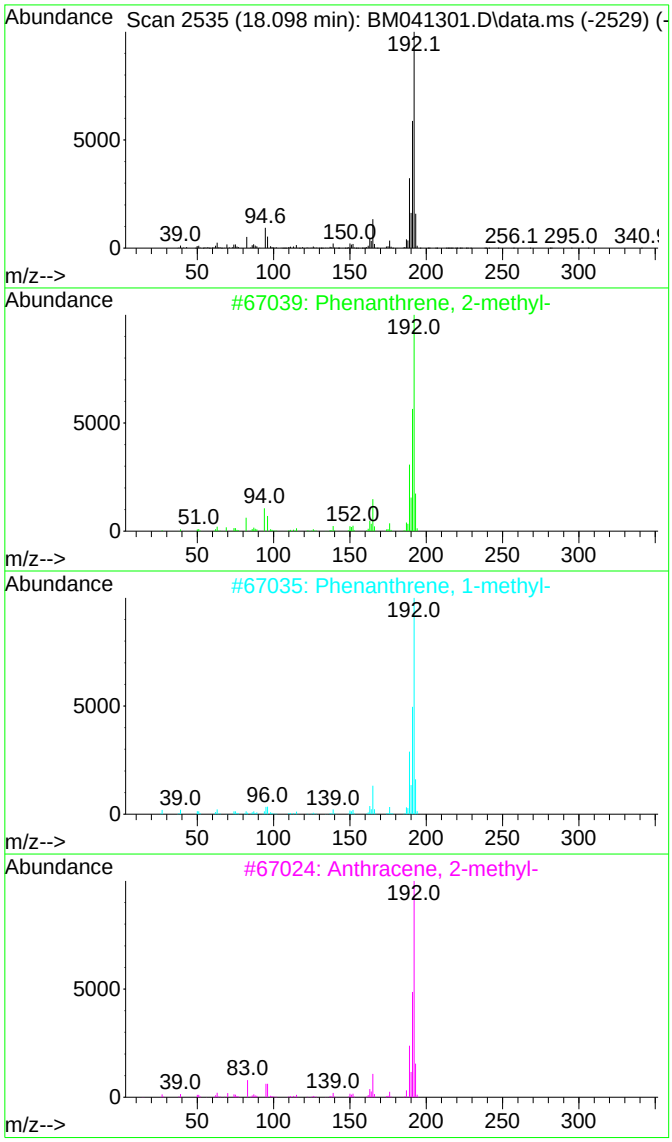
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

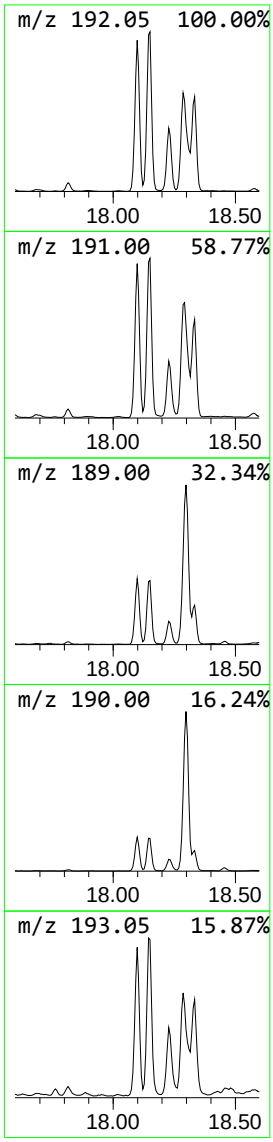
****

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	31.83 ng	3586260	Phenanthrene-d10	17.221

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

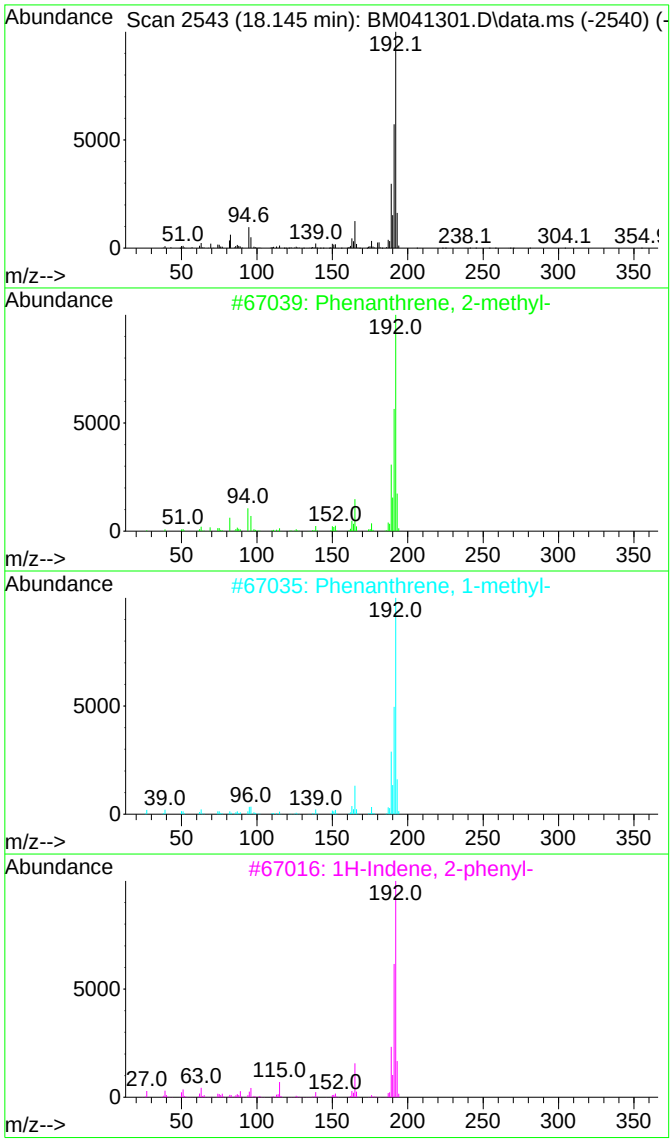
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

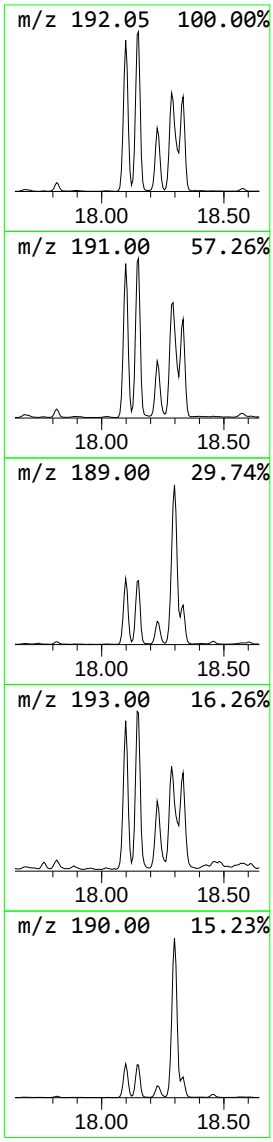
****

Peak Number 13 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	28.91 ng	3256440	Phenanthrene-d10	17.221

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-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

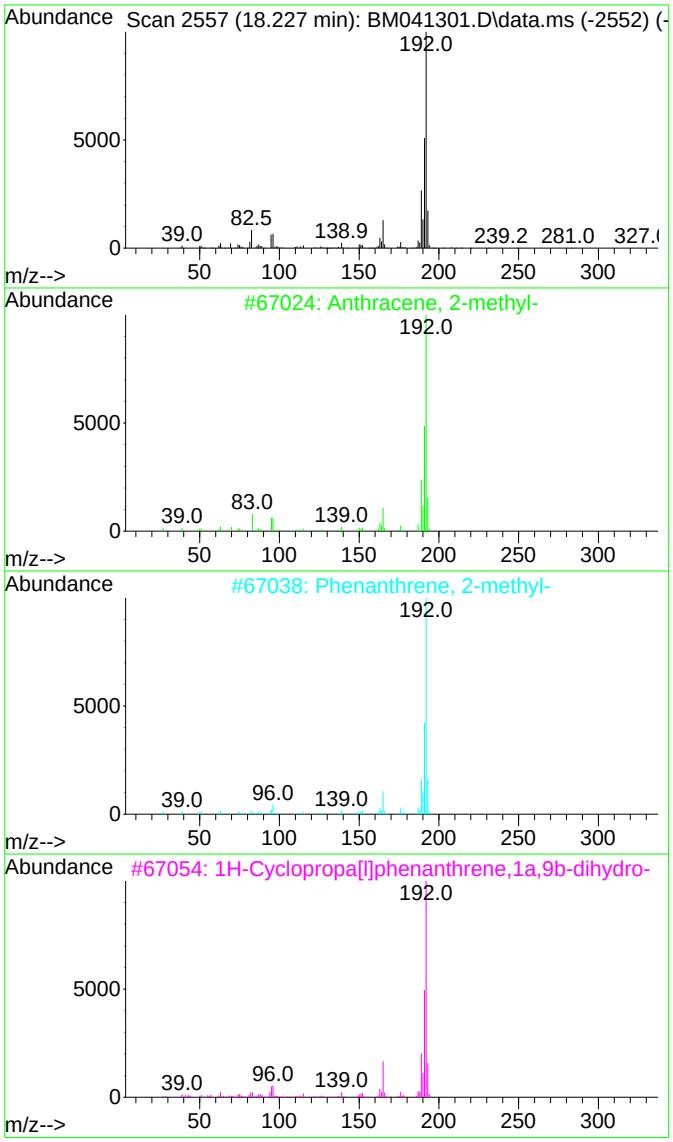
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

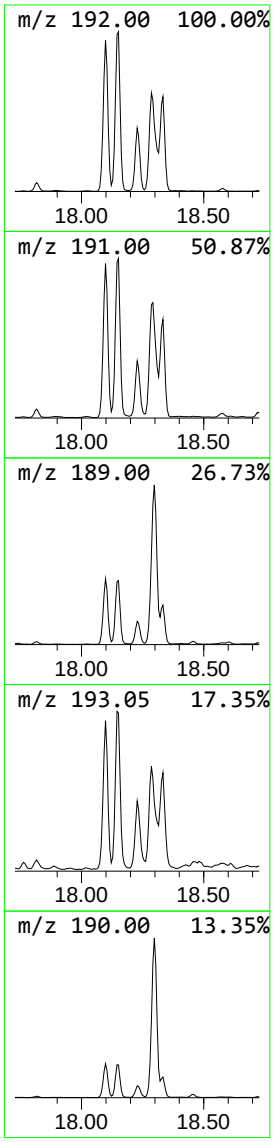
****

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	10.56 ng	1189860	Phenanthrene-d10	17.221

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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BUILDING-A-2-(0-5)

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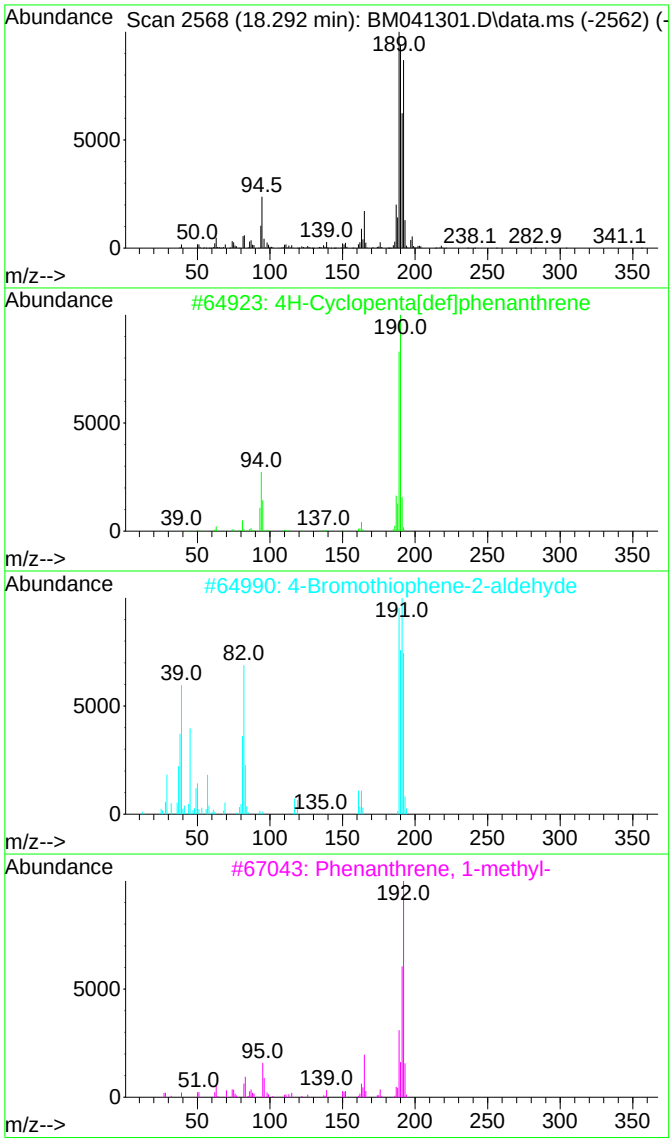
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

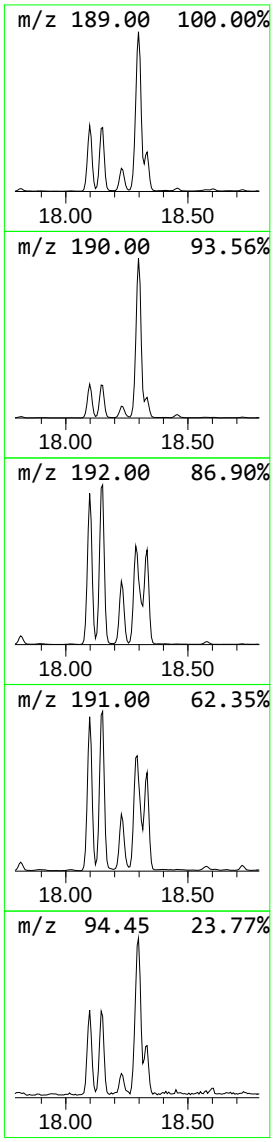
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	42.26 ng	4761400	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	55
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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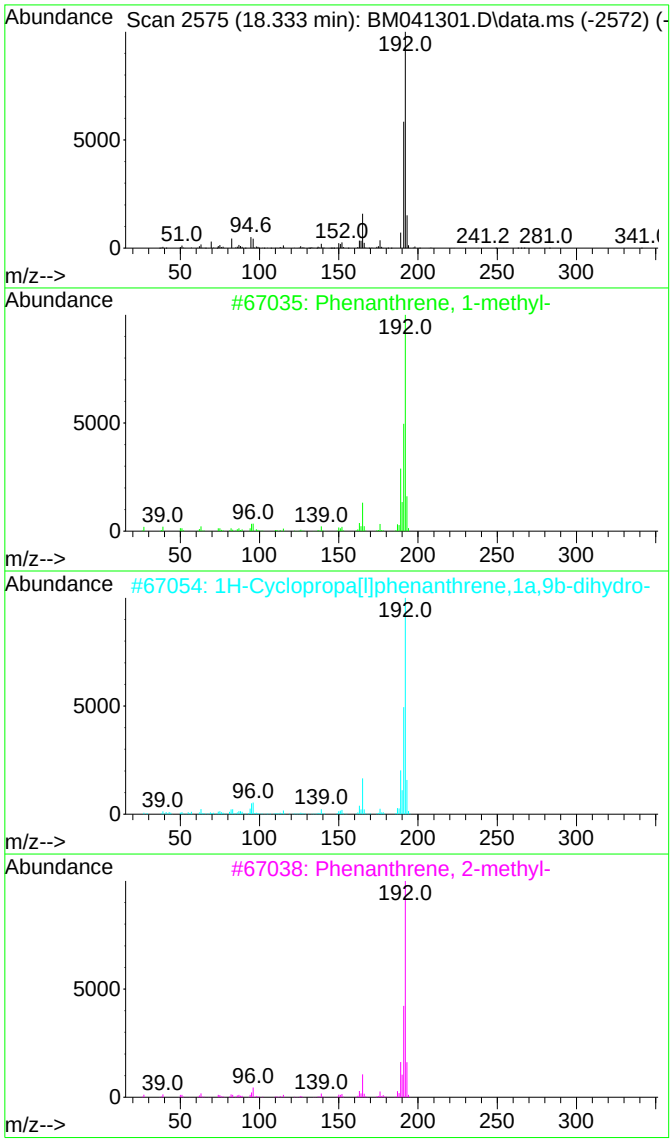
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

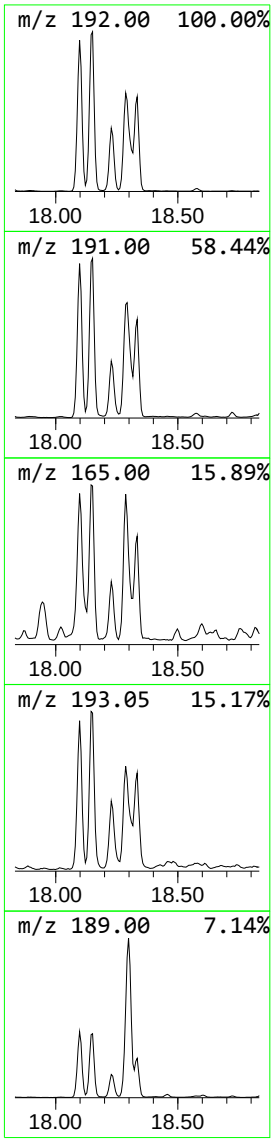
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	15.56 ng	1753220	Phenanthrene-d10	17.221

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	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

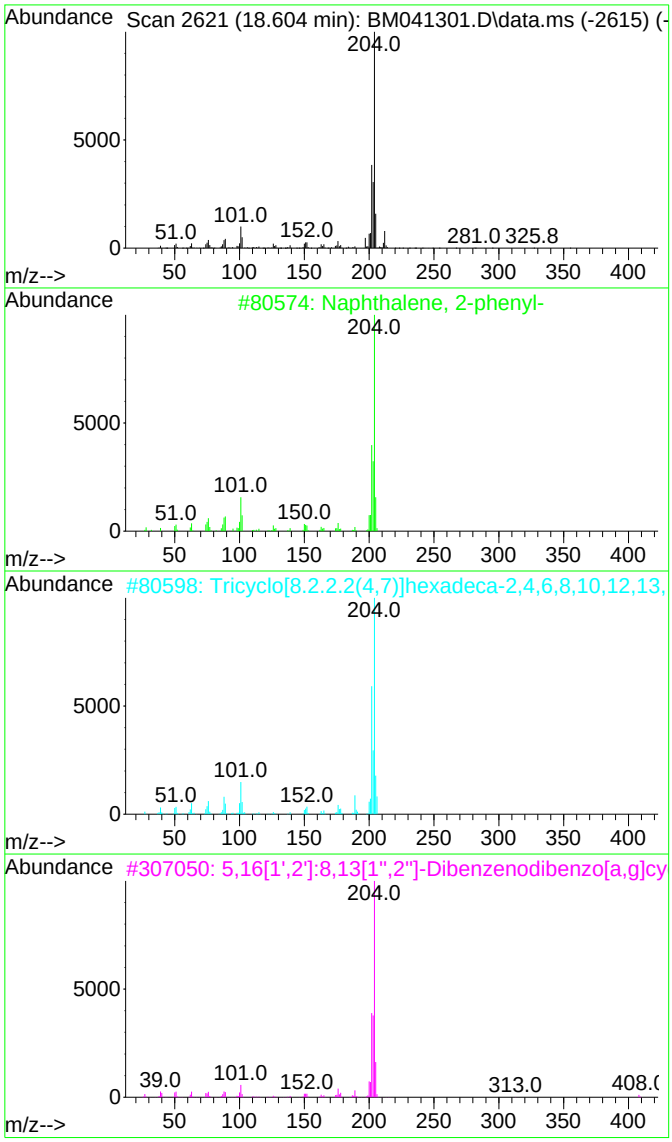
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

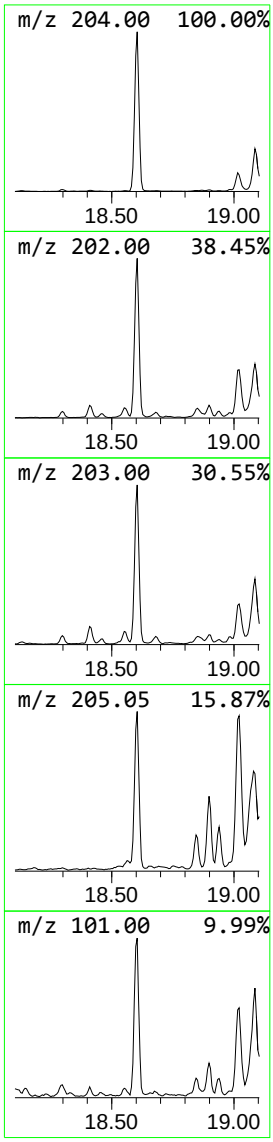
****

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	14.87 ng	1675190	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	49
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

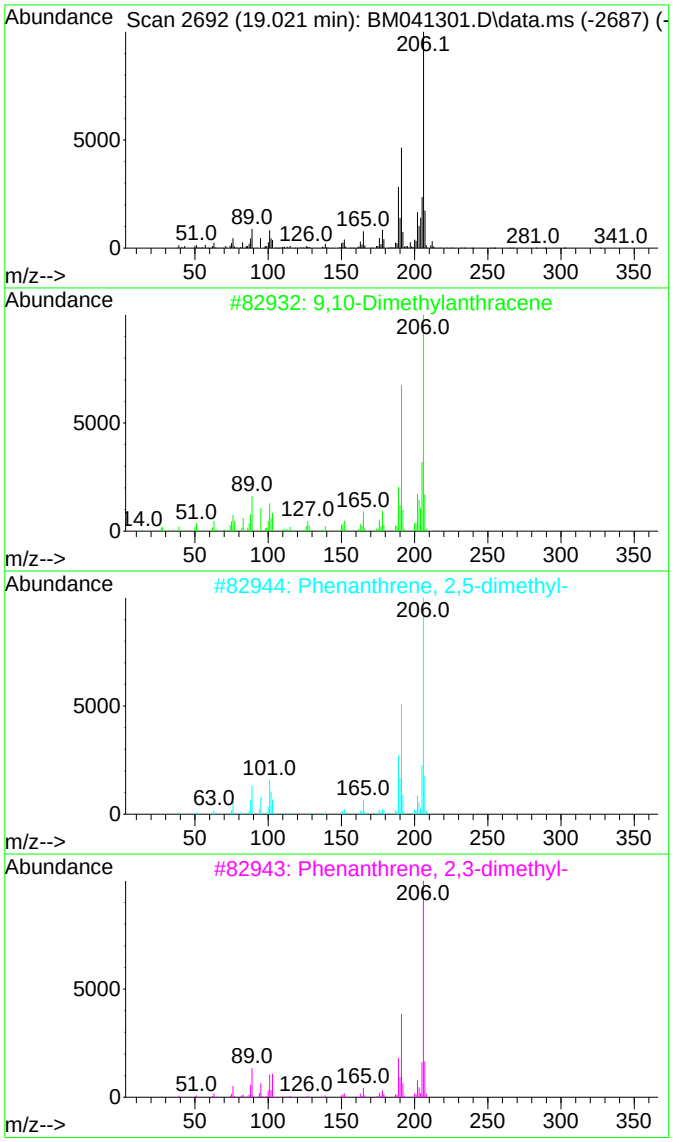
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

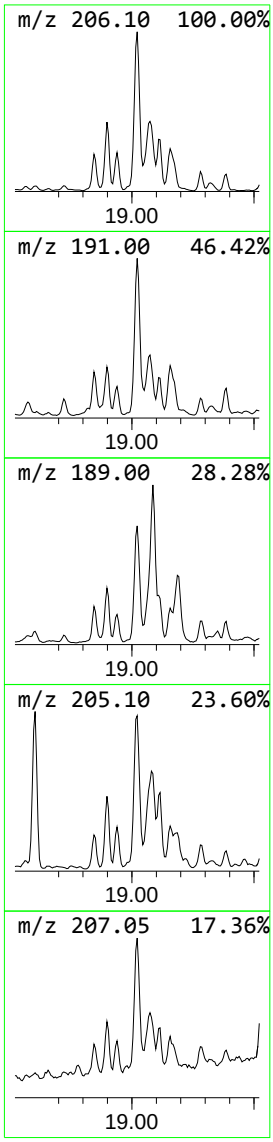
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	17.33 ng	1952550	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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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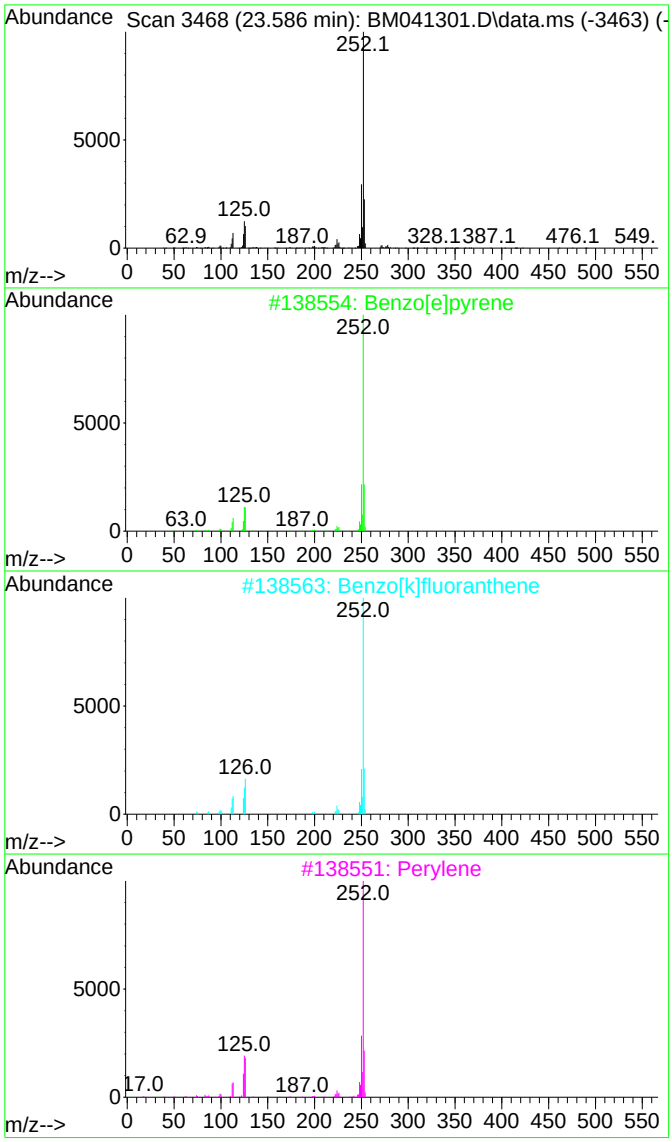
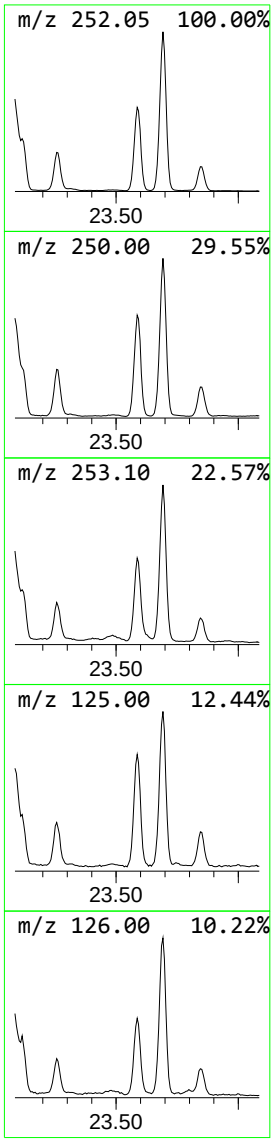
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.586	17.86 ng	1546000	Perylene-d12	23.798

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	Perylene	252	C20H12	000198-55-0	97
4	Benzo[a]pyrene	252	C20H12	000050-32-8	96
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
Data File : BM041301.D
Acq On : 04 Aug 2023 19:15
Operator : MA/JU
Sample : 03815-02 50X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-A-2-(0-5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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
Benzene, 1-prop...	8.322	20.0	ng	787260	1	7.793	787215	20.0
Benzo[c]thiophene	10.769	7.5	ng	439694	2	10.598	1180880	20.0
Naphthalene, 1,...	13.628	20.6	ng	1828850	3	14.457	1774320	20.0
Naphthalene, 1,...	13.775	24.2	ng	2143850	3	14.457	1774320	20.0
Naphthalene, 1,...	13.828	13.1	ng	1160650	3	14.457	1774320	20.0
Naphthalene, 2,...	14.010	9.2	ng	816247	3	14.457	1774320	20.0
1,1'-Biphenyl, ...	15.063	7.9	ng	704292	3	14.457	1774320	20.0
9H-Fluorene, 1-...	16.516	10.4	ng	1173470	4	17.221	2253140	20.0
Dibenzothiophene	17.033	25.8	ng	2903250	4	17.221	2253140	20.0
4-Methylnaphtho...	17.798	15.4	ng	1732780	4	17.221	2253140	20.0
1-Methyldibenzo...	17.945	12.9	ng	1455790	4	17.221	2253140	20.0
Phenanthrene, 2...	18.098	31.8	ng	3586260	4	17.221	2253140	20.0
Phenanthrene, 1...	18.145	28.9	ng	3256440	4	17.221	2253140	20.0
Anthracene, 2-m...	18.227	10.6	ng	1189860	4	17.221	2253140	20.0
4H-Cyclopenta[d...	18.292	42.3	ng	4761400	4	17.221	2253140	20.0
1H-Cyclopropa[l...	18.333	15.6	ng	1753220	4	17.221	2253140	20.0
Naphthalene, 2-...	18.604	14.9	ng	1675190	4	17.221	2253140	20.0
9,10-Dimethylan...	19.021	17.3	ng	1952550	4	17.221	2253140	20.0
Benzo[e]pyrene	23.586	17.9	ng	1546000	6	23.798	1730800	20.0