LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041282.D
Acq On : 04 Aug 2023 03:35
Operator : MA/JU
Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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: BM041282.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.334	868	875	884	rVB	5334563	8386281	12.96%	0.713%
2	10.028	1151	1163	1169	rBV3	1447574	3411760	5.27%	0.290%
3	10.686	1264	1275	1277	rBV3	21610115	53969184	83.42%	4.588%
4	10.786	1285	1292	1303	rVB	2634585	4121027	6.37%	0.350%
5	12.169	1515	1527	1537	rVB2	1399273	3099481	4.79%	0.264%
6	12.304	1538	1550	1555	rBV	21987059	48678740	75.24%	4.138%
7	12.522	1573	1587	1592	rVB	17845019	37504671	57.97%	3.188%
8	13.298	1711	1719	1732	rVB	9008731	13077930	20.21%	1.112%
9	13.492	1747	1752	1764	rVB2	2396080	5164644	7.98%	0.439%
10	13.645	1767	1778	1784	rBV2	7039060	17916548	27.69%	1.523%
11	13.710	1784	1789	1794	rVV2	2467571	3546113	5.48%	0.301%
12	13.792	1794	1803	1808	rVV	10030612	20163747	31.17%	1.714%
13	13.845	1808	1812	1819	rVV	6839650	10920070	16.88%	0.928%
14	13.922	1819	1825	1831	rVB	4772324	7002626	10.82%	0.595%
15	14.027	1836	1843	1846	rBV	5062293	7592297	11.74%	0.645%
16	14.204	1861	1873	1881	rBV2	14783007	25810918	39.90%	2.194%
17	14.445	1907	1914	1923	rBV2	4632608	8053533	12.45%	0.685%
18	14.539	1923	1930	1937	rBV2	7651570	13348965	20.63%	1.135%
19	14.680	1947	1954	1962	rBV2	1541658	3234272	5.00%	0.275%
20	14.868	1982	1986	1993	rVB	3379255	4873174	7.53%	0.414%
21	14.945	1993	1999	2003	rBV	2824508	3738568	5.78%	0.318%
22	15.080	2015	2022	2027	rBV3	3138569	6678018	10.32%	0.568%
23	15.345	2063	2067	2073	rVB	4499521	5961554	9.21%	0.507%
24	15.468	2084	2088	2093	rVB	2789306	3856913	5.96%	0.328%
25	15.539	2093	2100	2109	rVB	15555188	30389791	46.97%	2.584%
26	15.645	2109	2118	2121	rBV2	1696973	3370243	5.21%	0.287%
27	15.727	2128	2132	2142	rBV2	1714071	2978339	4.60%	0.253%
28	15.815	2142	2147	2152	rBV2	1670173	3001813	4.64%	0.255%
29	15.939	2162	2168	2171	rBV	4955749	7472750	11.55%	0.635%
30	16.192	2203	2211	2217	rBV2	1836957	4210528	6.51%	0.358%
31	16.533	2261	2269	2274	rBV	5690106	10826678	16.73%	0.920%
32	16.586	2274	2278	2283	rVB	2949960	3797211	5.87%	0.323%
33	16.680	2289	2294	2299	rBV	3429968	4978037	7.69%	0.423%
34	16.892	2326	2330	2338	rVB3	1761766	2858797	4.42%	0.243%
35	16.974	2339	2344	2348	rVV2	2667490	3491348	5.40%	0.297%
36	17.062	2348	2359	2373	rVB	12992756	24985214	38.62%	2.124%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-01

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	17.298	2390	2399	2406	rVB2	19864721	64696385	100.00%	5.500%
38	17.392	2408	2415	2419	rBV	16026068	26190759	40.48%	2.227%
39	17.515	2431	2436	2444	rBV2	1646004	2919509	4.51%	0.248%
40	17.721	2466	2471	2473	rBV	2520472	3158853	4.88%	0.269%
41	17.757	2473	2477	2481	rVB	3665719	4235783	6.55%	0.360%
42	17.821	2483	2488	2496	rVB	9229152	14428354	22.30%	1.227%
43	17.968	2506	2513	2520	rVB	6523237	12825805	19.82%	1.090%
44	18.127	2533	2540	2544	rBV	13781826	24205281	37.41%	2.058%
45	18.180	2544	2549	2553	rVB	15217115	23726926	36.67%	2.017%
46	18.257	2557	2562	2567	rVB	6635380	9986519	15.44%	0.849%
47	18.327	2567	2574	2578	rBV2	16580242	35353610	54.65%	3.006%
48	18.362	2578	2580	2585	rVB	10633825	11948143	18.47%	1.016%
49	18.415	2585	2589	2594	rVB2	2643499	3501648	5.41%	0.298%
50	18.515	2602	2606	2611	rVB	2687211	3247430	5.02%	0.276%
51	18.621	2618	2624	2628	rBV	9062194	13730214	21.22%	1.167%
52	18.674	2628	2633	2642	rVB	3496704	7158340	11.06%	0.609%
53	18.780	2646	2651	2657	rBV2	1898034	4691088	7.25%	0.399%
54	18.839	2657	2661	2663	rBV	1911491	2731100	4.22%	0.232%
55	18.915	2670	2674	2678	rBV	3282181	3925121	6.07%	0.334%
56	18.956	2678	2681	2685	rVB2	3007755	4023643	6.22%	0.342%
57	19.045	2690	2696	2700	rBV2	9083302	15592360	24.10%	1.326%
58	19.109	2701	2707	2710	rBV2	3870482	6657961	10.29%	0.566%
59	19.180	2715	2719	2721	rBV	2045851	3054986	4.72%	0.260%
60	19.209	2721	2724	2727	rVB2	2086423	2708317	4.19%	0.230%
61	19.327	2736	2744	2747	rBV	16948886	32915946	50.88%	2.798%
62	19.368	2747	2751	2755	rVV	2476373	3611072	5.58%	0.307%
63	19.462	2762	2767	2773	rVB	7767707	11413196	17.64%	0.970%
64	19.556	2778	2783	2786	rBV	5645629	7814818	12.08%	0.664%
65	19.698	2797	2807	2811	rVB2	20144949	49727133	76.86%	4.228%
66	19.745	2811	2815	2820	rVB2	2186038	3404781	5.26%	0.289%
67	20.003	2852	2859	2866	rVB	5211776	11420021	17.65%	0.971%
68	20.086	2869	2873	2876	rVV	2737322	3685058	5.70%	0.313%
69	20.139	2876	2882	2884	rVV2	5434467	10140779	15.67%	0.862%
70	20.174	2884	2888	2893	rVB	10148640	15797079	24.42%	1.343%
71	20.239	2895	2899	2901	rBV2	1924360	2727910	4.22%	0.232%
72	20.274	2901	2905	2909	rVV	8547165	11635288	17.98%	0.989%
73	20.333	2910	2915	2926	rVV	8439058	14348056	22.18%	1.220%
74	20.474	2934	2939	2942	rVV	7303369	10139894	15.67%	0.862%
75	20.515	2942	2946	2952	rVB	8289977	11514046	17.80%	0.979%
76	20.756	2984	2987	2990	rVV	1966087	2905332	4.49%	0.247%

LSC Area Percent Report

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Acq On : 04 Aug 2023 03:35
Operator : MA/JU
Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-01

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

77	21.086	3035	3043	3046	rBV	7887991	12997670	20.09%	1.105%
78	21.121	3046	3049	3053	rVB	6849224	8442989	13.05%	0.718%
79	21.162	3053	3056	3059	rBV	2906236	3367821	5.21%	0.286%
80	21.321	3076	3083	3092	rBV	3451174	8080987	12.49%	0.687%
81	21.433	3096	3102	3106	rVV	16655548	30843987	47.67%	2.622%
82	21.486	3107	3111	3115	rVV	15243537	23556747	36.41%	2.003%
83	21.562	3119	3124	3127	rBV	3257354	4427078	6.84%	0.376%
84	21.662	3137	3141	3147	rVB3	3669509	6658930	10.29%	0.566%
85	21.815	3163	3167	3176	rVB	2809188	5204886	8.05%	0.442%
86	22.015	3193	3201	3207	rVV	6537364	13803204	21.34%	1.173%
87	22.068	3207	3210	3214	rVV	3342265	4069604	6.29%	0.346%
88	22.139	3218	3222	3225	rVV2	2570062	4168795	6.44%	0.354%
89	22.180	3225	3229	3233	rVV2	2448021	4181919	6.46%	0.356%
90	22.227	3233	3237	3240	rVV	3854600	6448783	9.97%	0.548%
91	22.262	3241	3243	3248	rVB	3558998	4080334	6.31%	0.347%
92	22.327	3249	3254	3259	rVB	2437685	3776880	5.84%	0.321%
93	23.115	3381	3388	3399	rBV	7171696	23612606	36.50%	2.007%
94	23.286	3412	3417	3424	rBV	3157069	5782436	8.94%	0.492%
95	23.627	3467	3475	3485	rBV	6892788	14475915	22.38%	1.231%
96	23.744	3486	3495	3504	rVV	10134915	23256418	35.95%	1.977%
97	23.880	3514	3518	3526	rVB3	2997687	6549431	10.12%	0.557%
98	24.774	3665	3670	3683	rVB	2095489	5753519	8.89%	0.489%
99	26.309	3922	3931	3940	rVB	3928046	11907107	18.40%	1.012%
100	27.085	4054	4063	4080	rVB	3075573	10453958	16.16%	0.889%

Sum of corrected areas: 1176272331

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
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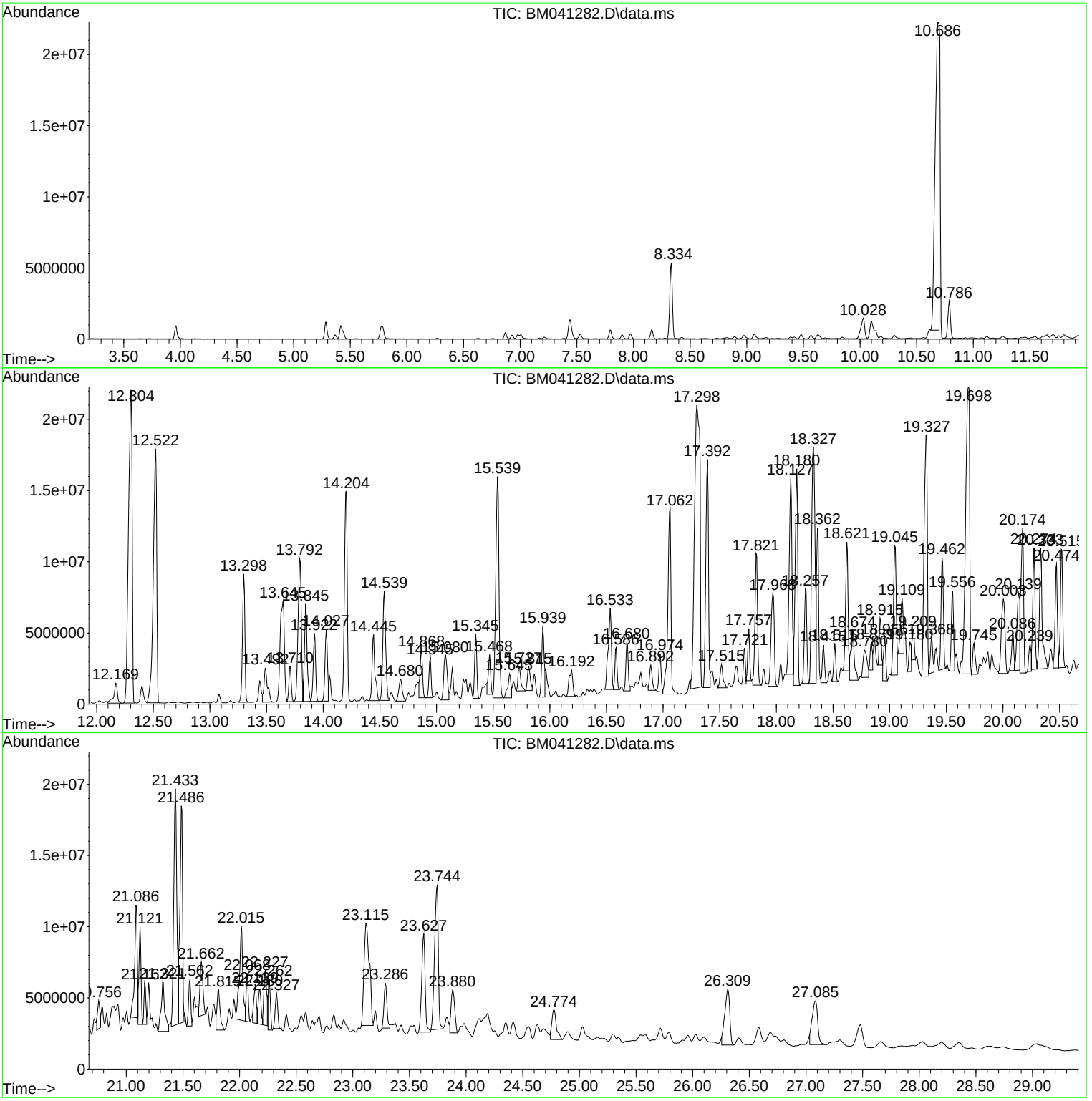
Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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\BM080323\
Data File : BM041282.D
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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

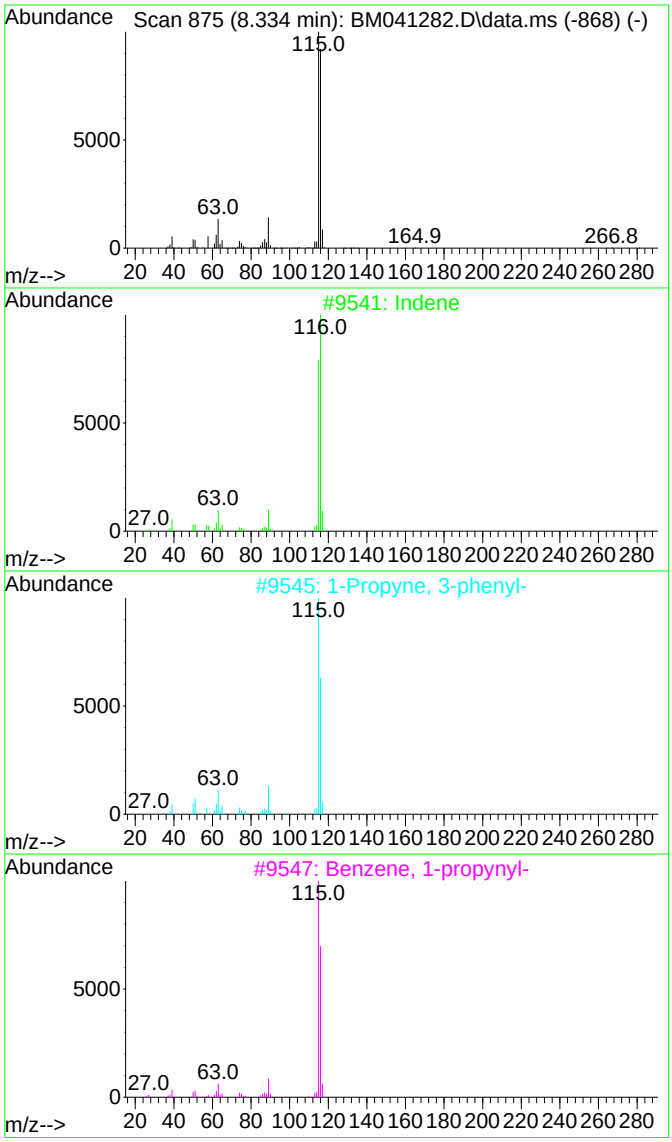
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

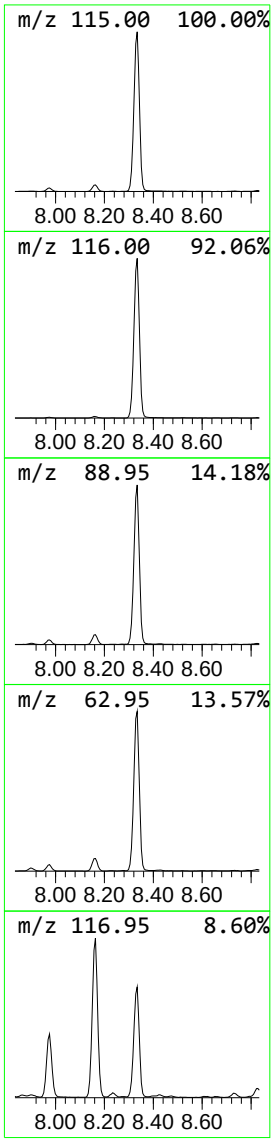
****

Peak Number 1 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	20.00 ng	8386280	1,4-Dichlorobenzene-d4	7.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87





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Instrument :
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DUP-01

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

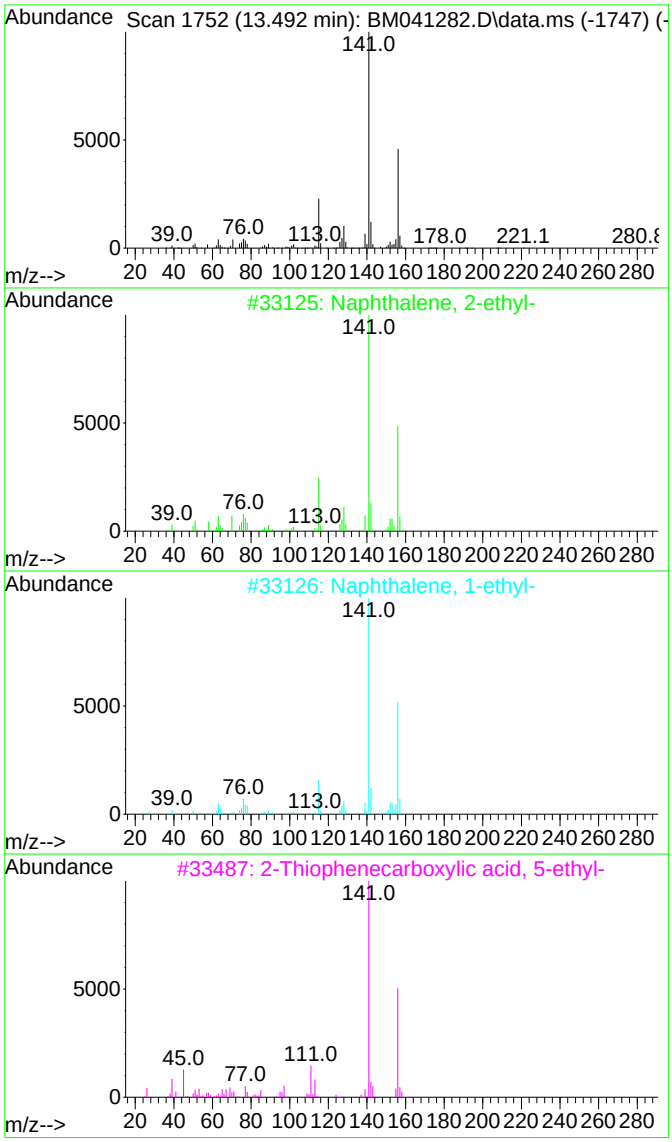
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

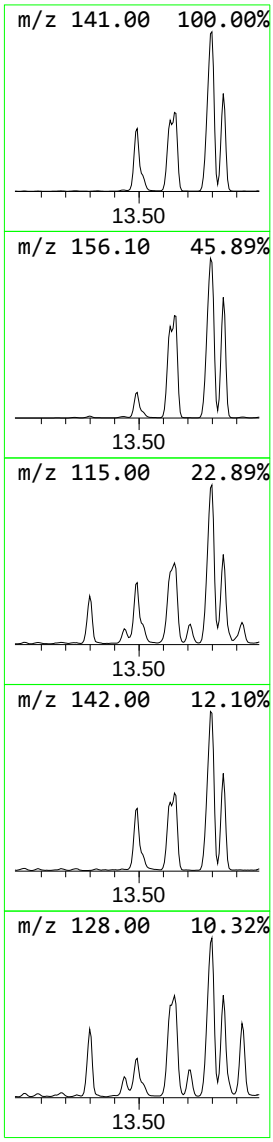
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.492	12.83 ng	5164640	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





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ClientSampleId :
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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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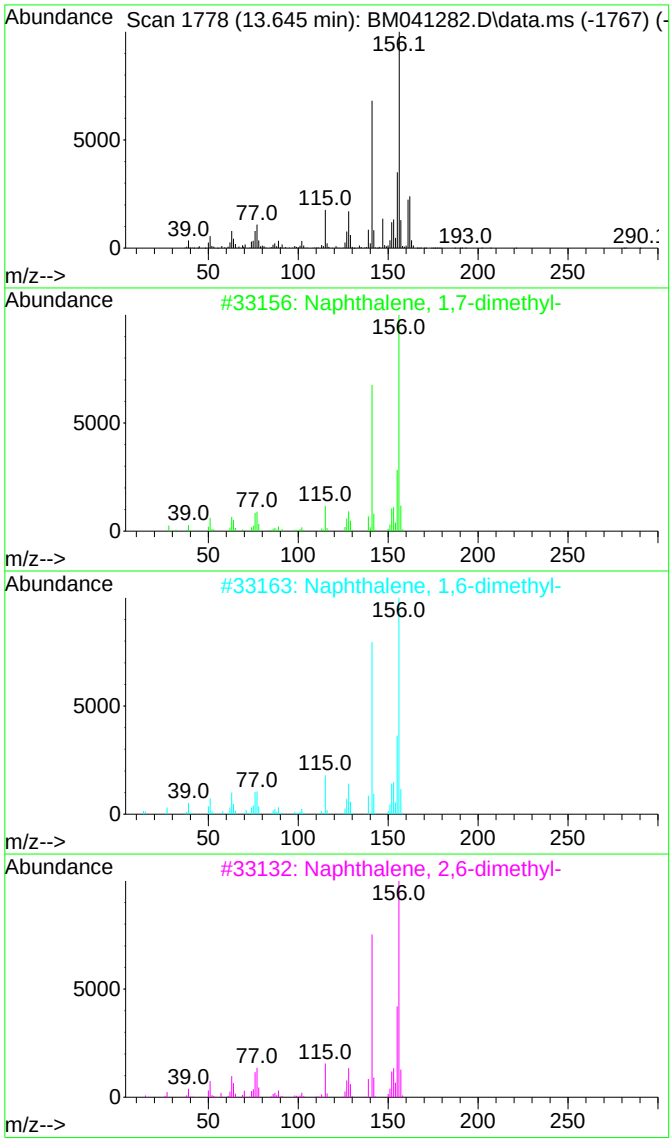
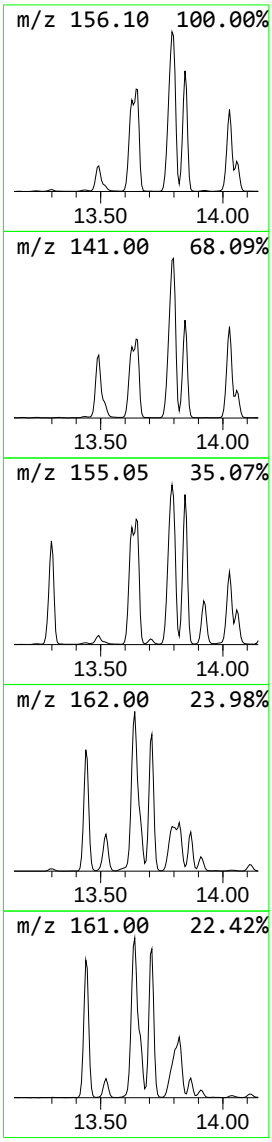
Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.645	44.49 ng	17916500	Acenaphthene-d10	14.469

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, 2,6-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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Data File : BM041282.D
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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

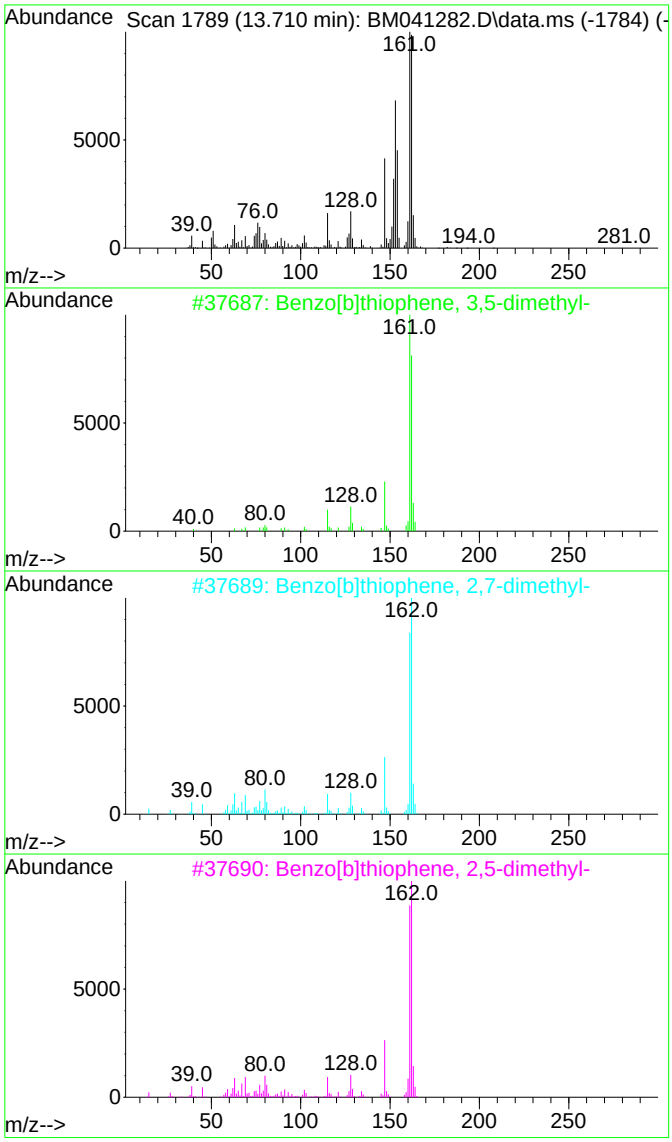
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

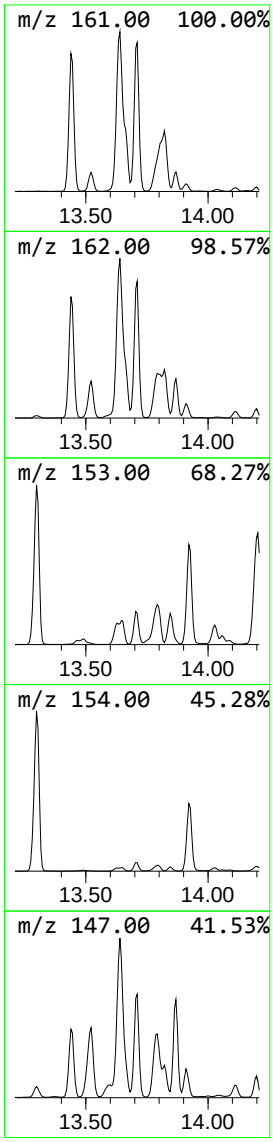
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzo[b]thiophene, 3,5-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	8.81 ng	3546110	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 3,5-dimethyl-	162	C10H10S	001964-45-0	83
2	Benzo[b]thiophene, 2,7-dimethyl-	162	C10H10S	016587-40-9	83
3	Benzo[b]thiophene, 2,5-dimethyl-	162	C10H10S	016587-48-7	64
4	2,5-Dimethylthiophene-3,4-dicarb...	162	C8H6N2S	1000305-40-9	49
5	4-Piperidinopyridine	162	C10H14N2	002767-90-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041282.D
Acq On : 04 Aug 2023 03:35
Operator : MA/JU
Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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

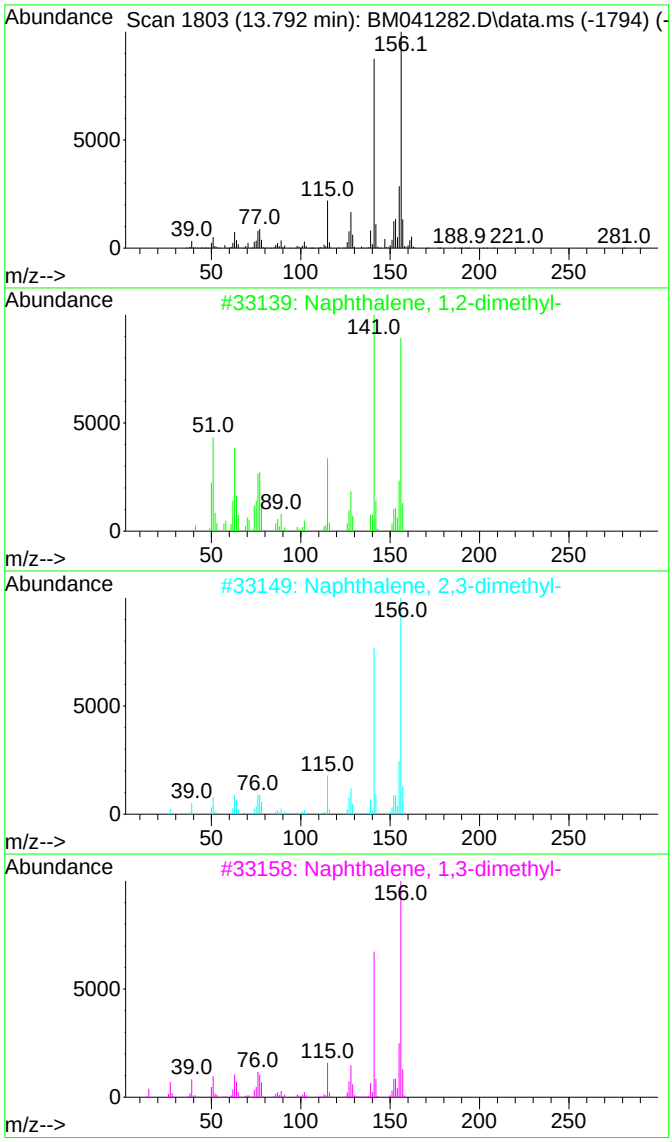
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

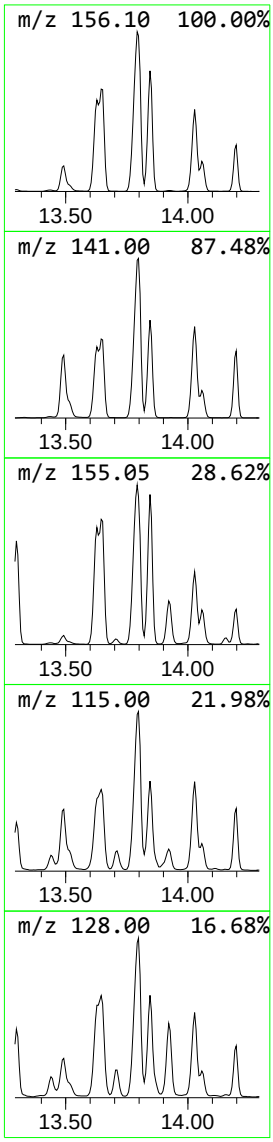
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.792	50.07 ng	20163700	Acenaphthene-d10	14.469

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





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Acq On : 04 Aug 2023 03:35
Operator : MA/JU
Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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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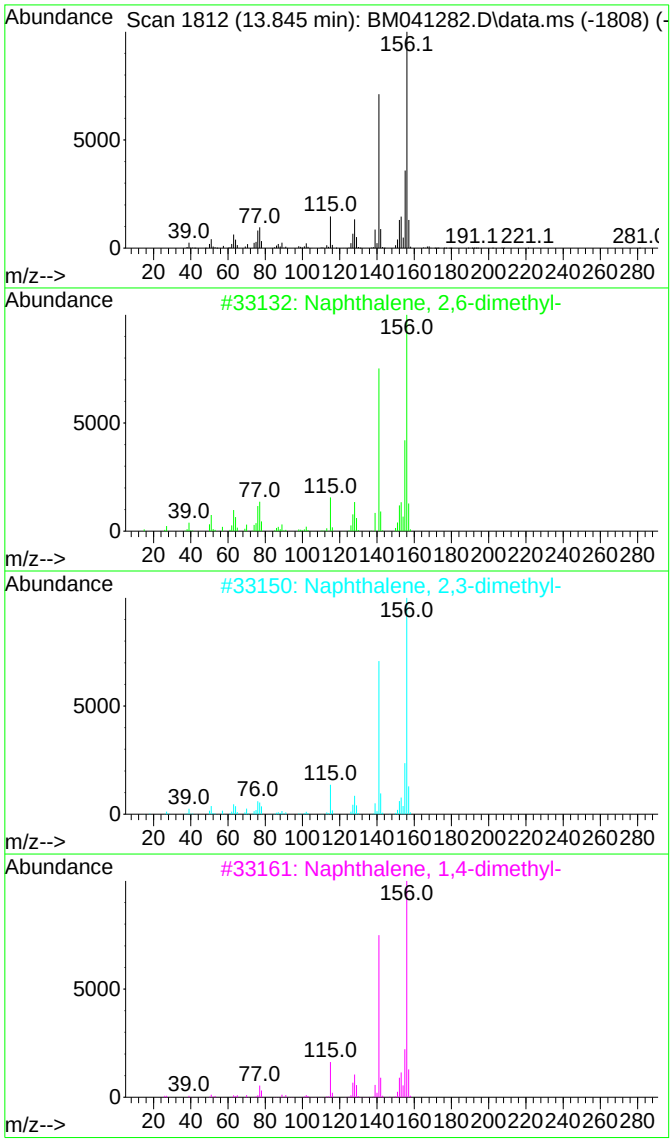
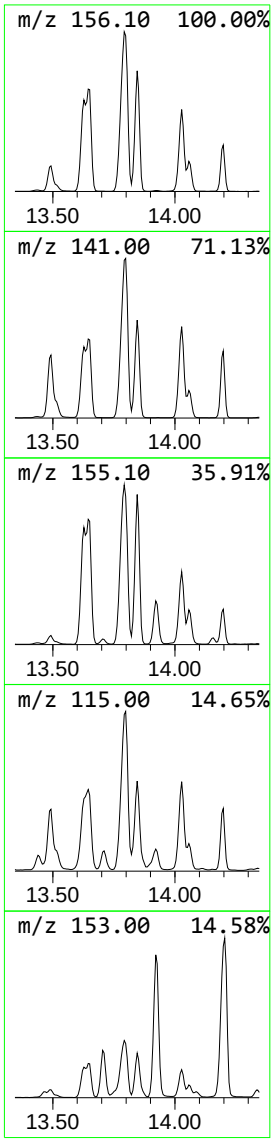
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.845	27.12 ng	10920100	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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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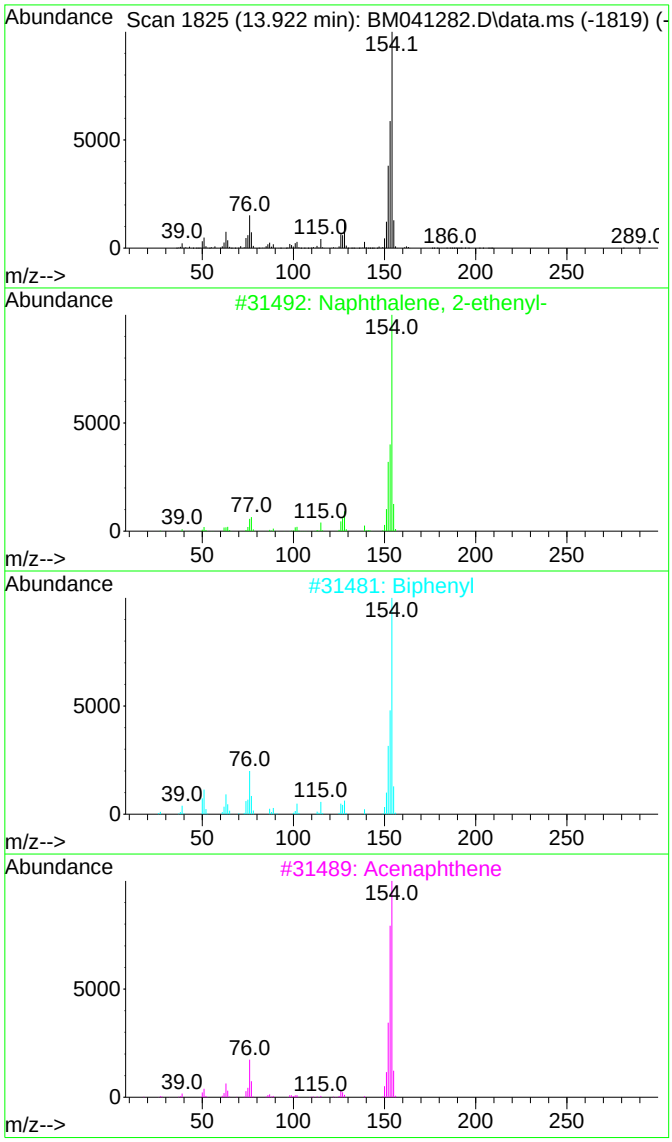
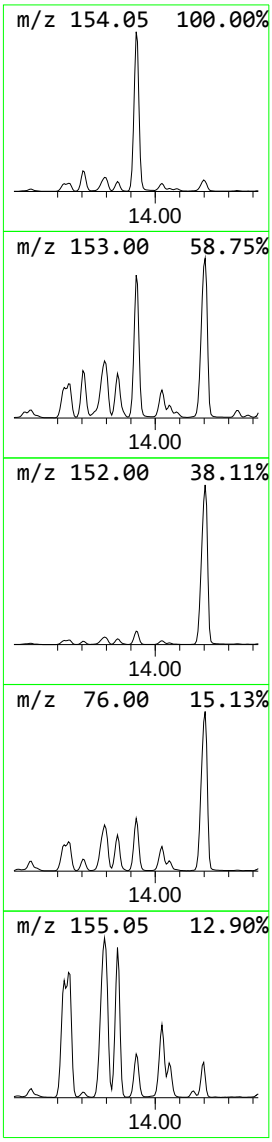
Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.922	17.39 ng	7002630	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2	Biphenyl	154	C12H10	000092-52-4	81
3	Acenaphthene	154	C12H10	000083-32-9	76
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5	5-Isoquinolinecarbonitrile	154	C10H6N2	027655-41-0	43





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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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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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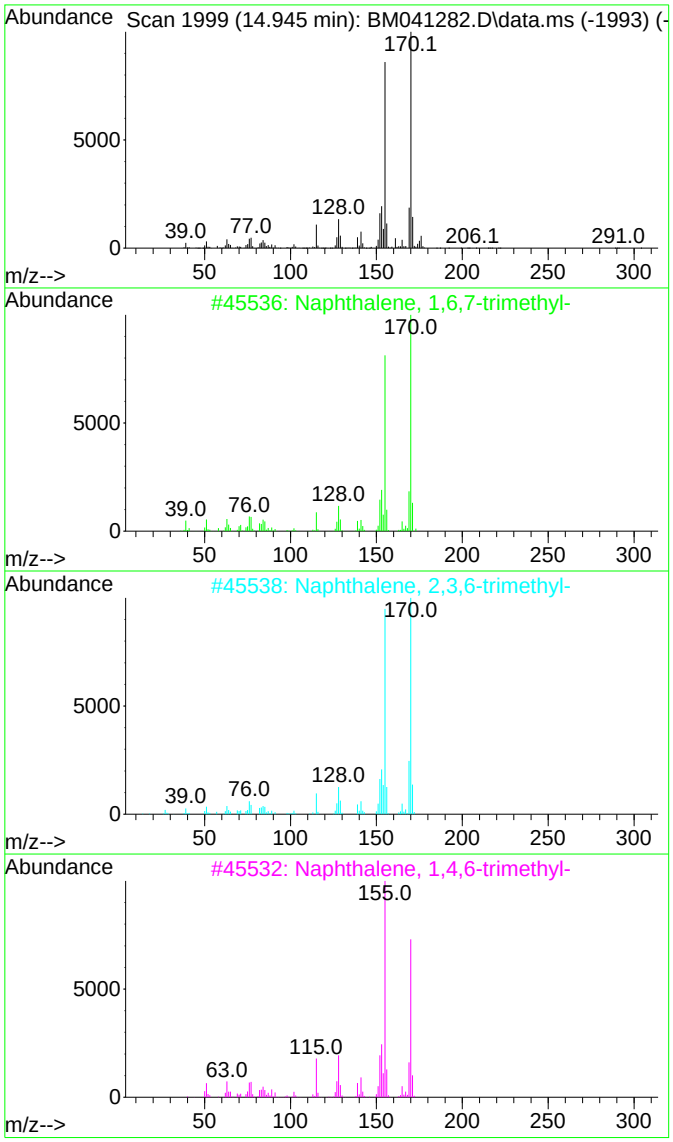
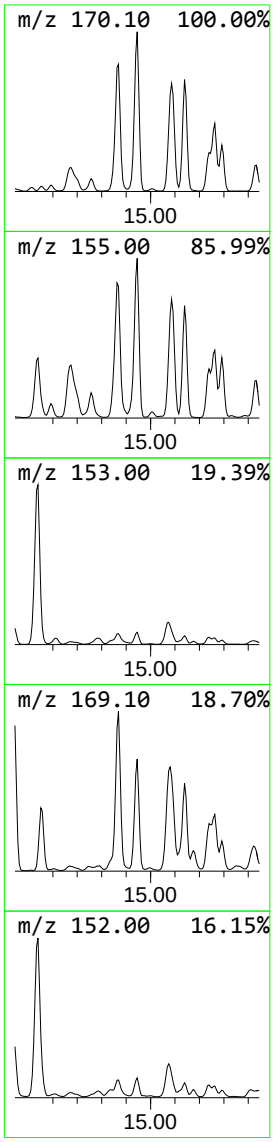
Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.945	9.28 ng	3738570	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-01

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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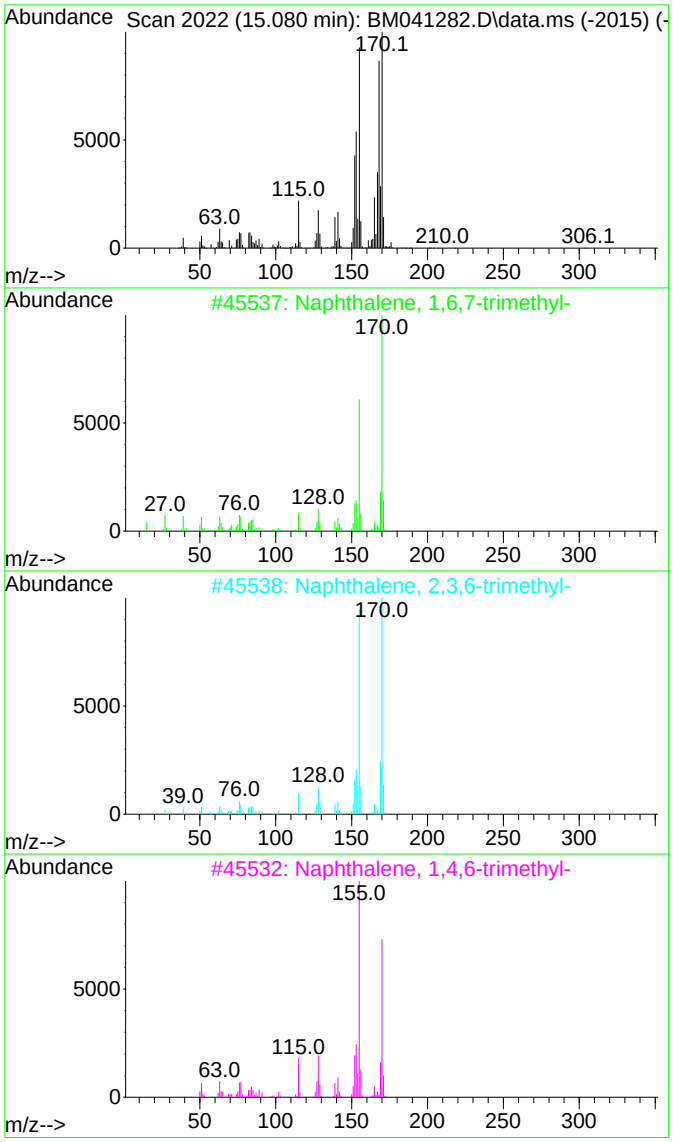
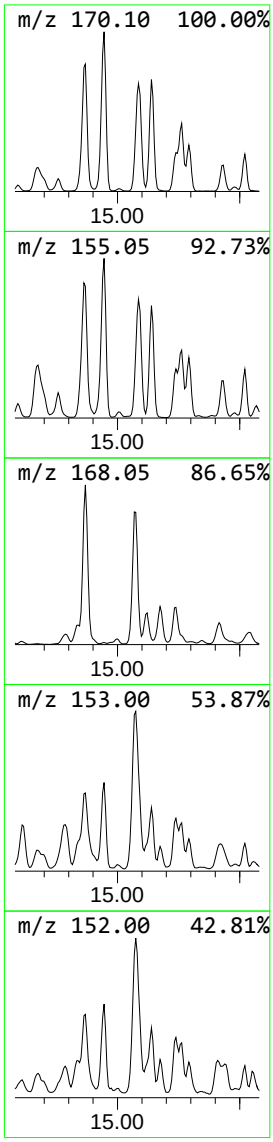
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	16.58 ng	6678020	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50





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ALS Vial : 27 Sample Multiplier: 1

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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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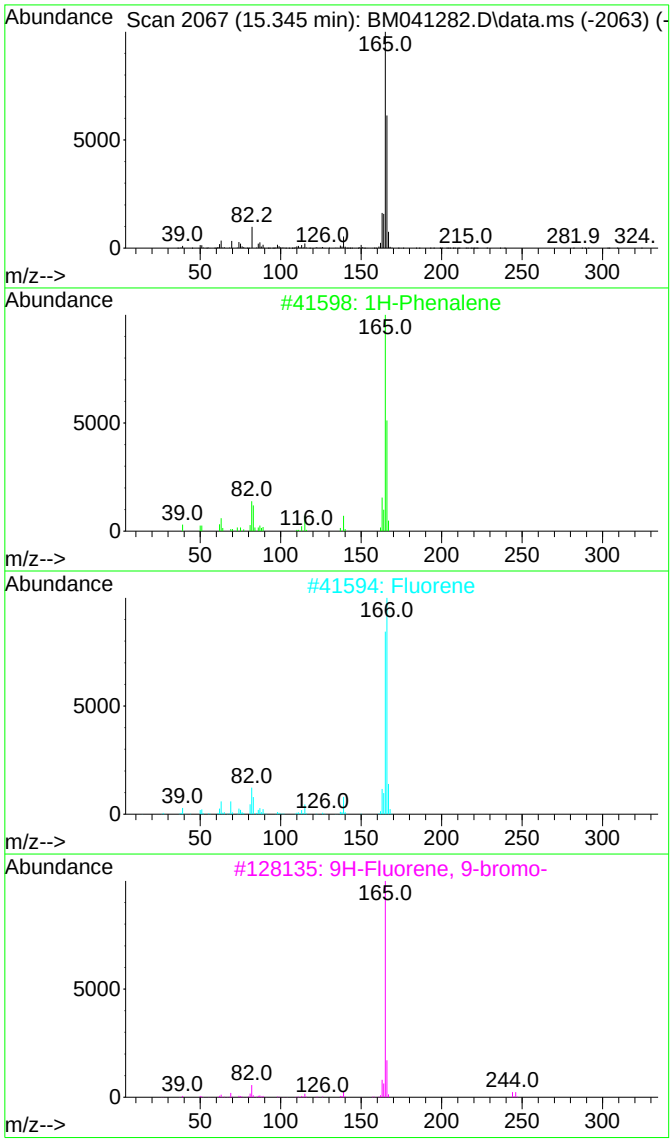
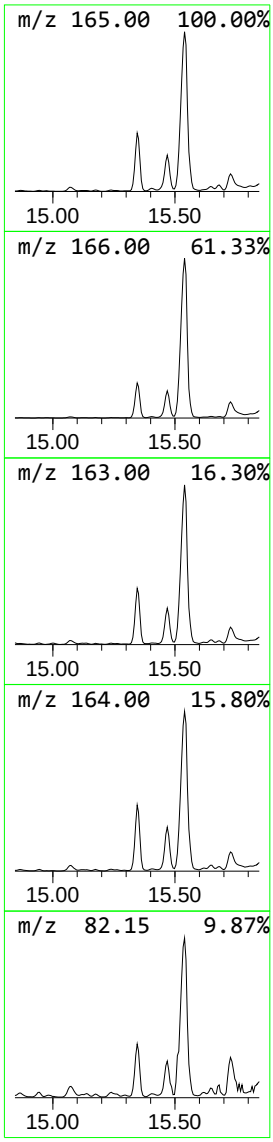
Peak Number 11 1H-Phenalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.345	14.80 ng	5961550	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	Fluorene	166	C13H10	000086-73-7	52
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
4	Imidazole, 2-trifluoromethyl-5-h...	166	C5H5F3N2O	080421-74-5	9
5	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	9





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Sample : 03815-03 5X
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-01

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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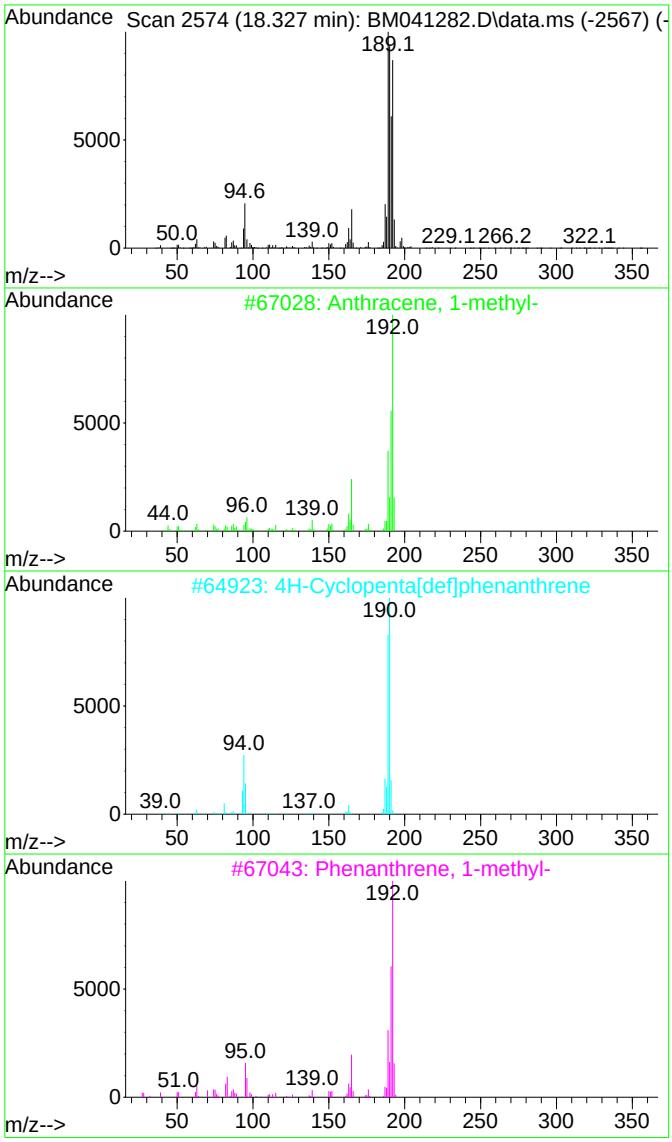
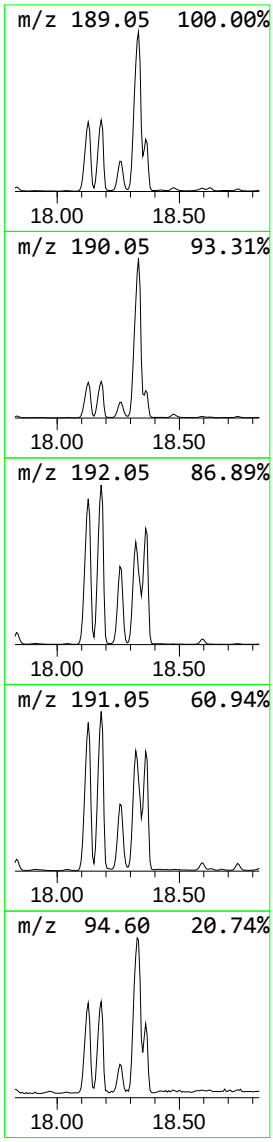
Peak Number 13 Anthracene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.327	10.93 ng	35353600	Phenanthrene-d10	17.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
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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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DUP-01

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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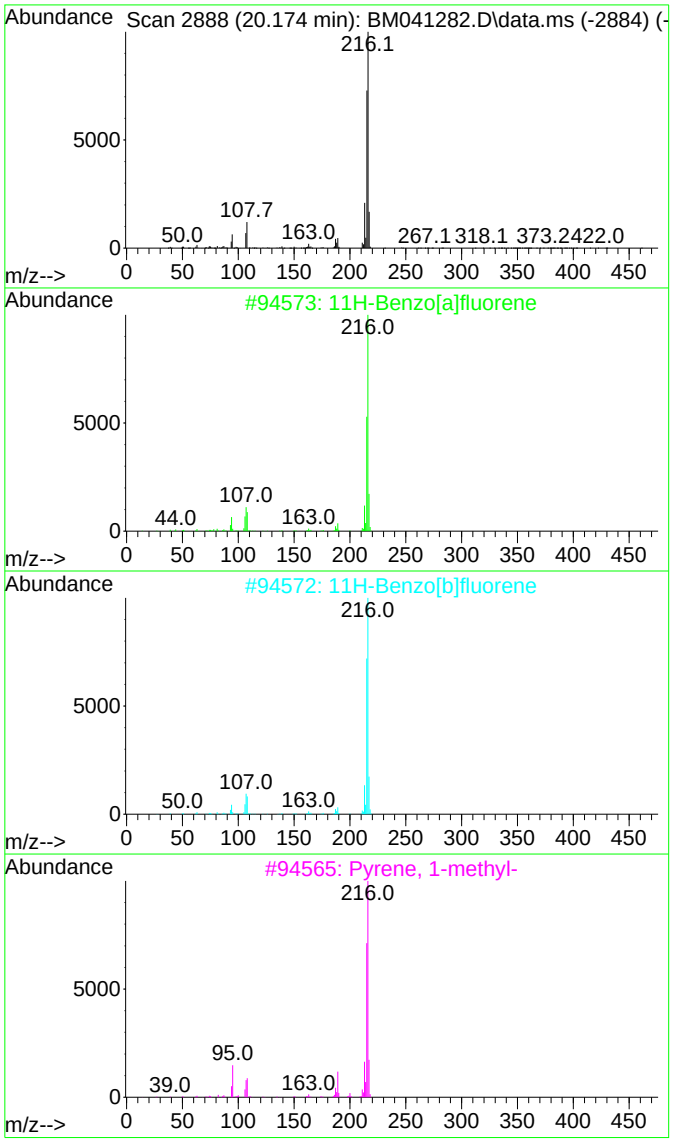
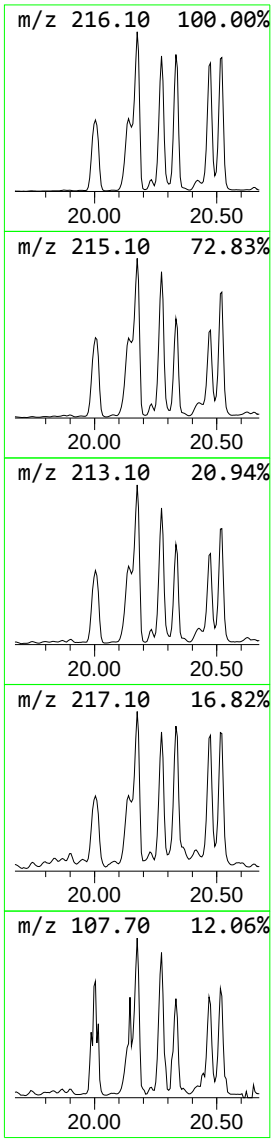
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.174	10.24 ng	15797100	Chrysene-d12	21.445

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	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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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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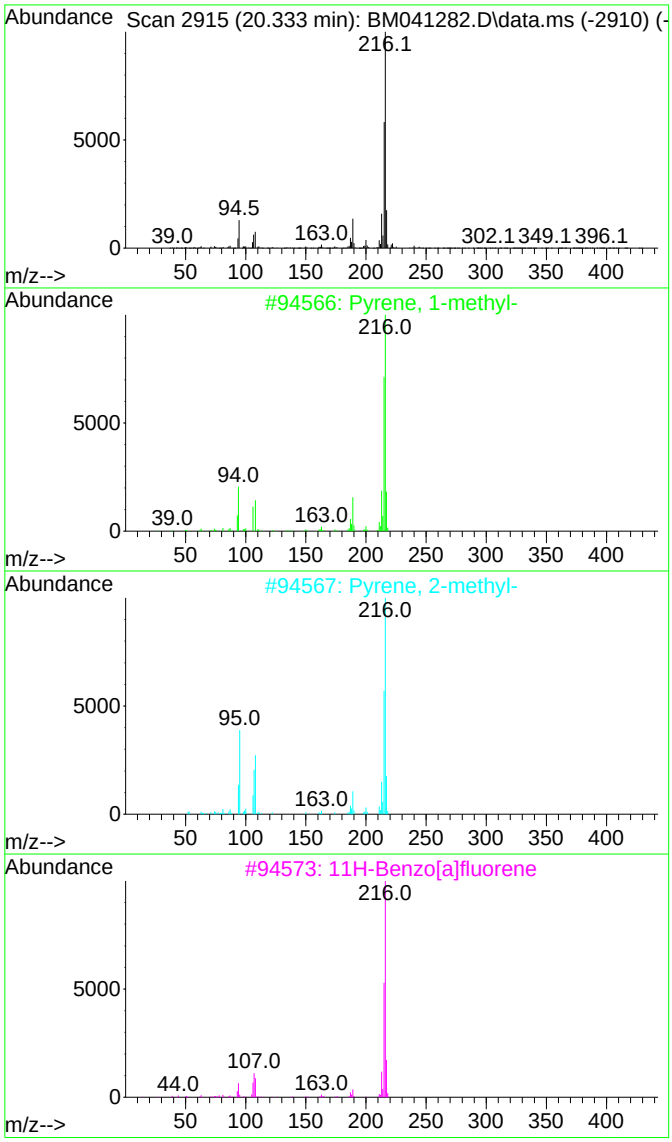
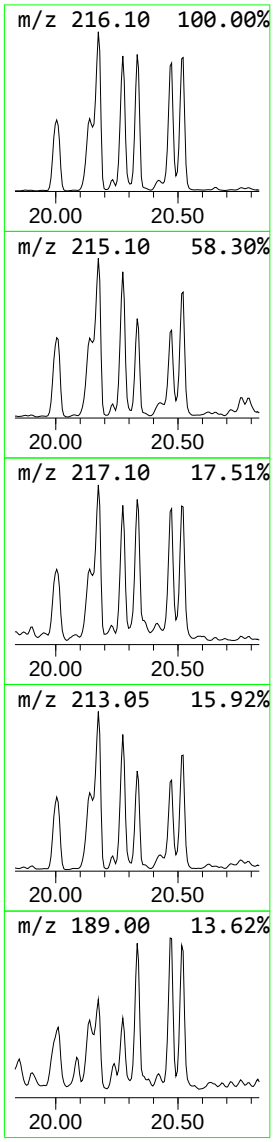
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	9.30 ng	14348100	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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ALS Vial : 27 Sample Multiplier: 1

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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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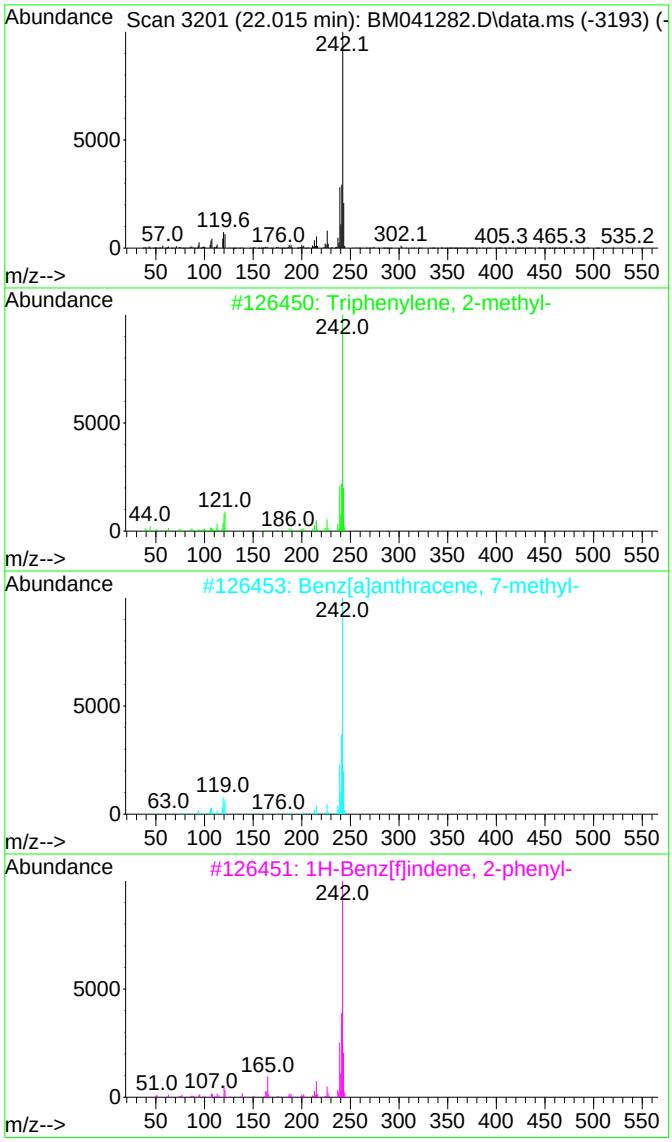
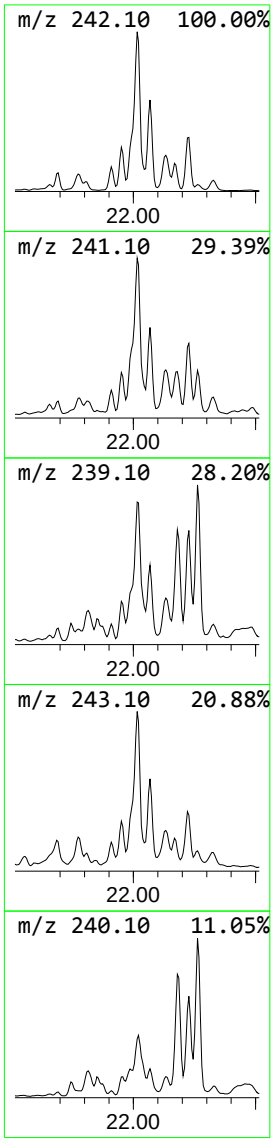
Peak Number 16 Triphenylene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.015	8.95 ng	13803200	Chrysene-d12	21.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	92
3	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	90
4	2-Methylchrysene	242	C19H14	003351-32-4	89
5	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89





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Misc :
ALS Vial : 27 Sample Multiplier: 1

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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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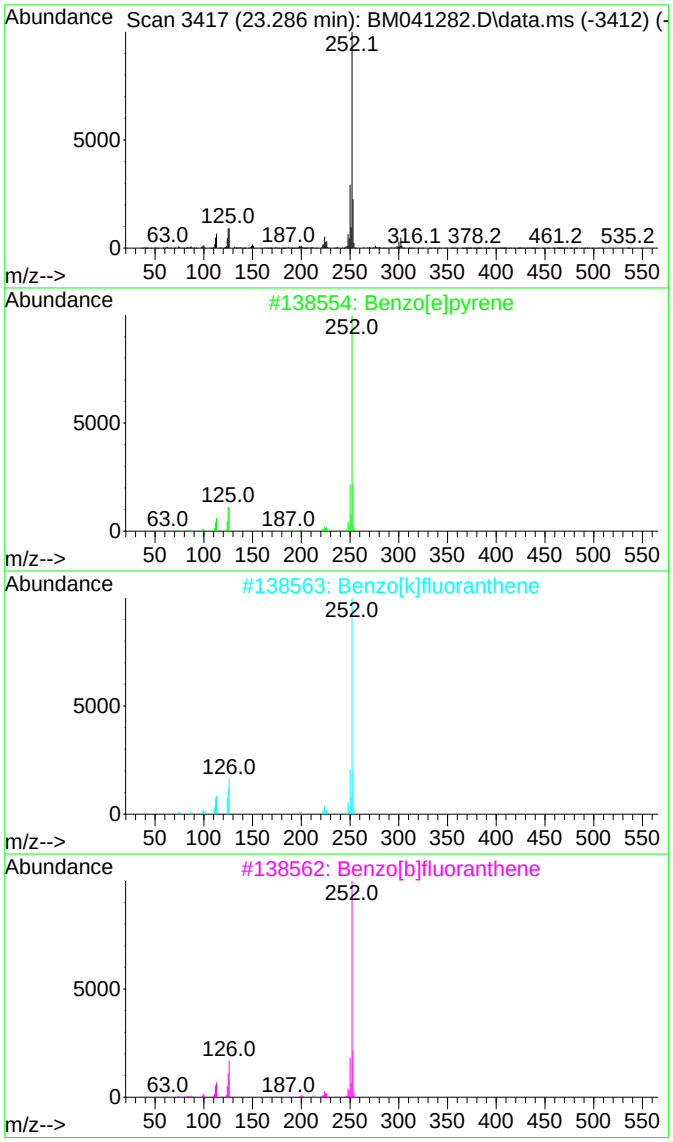
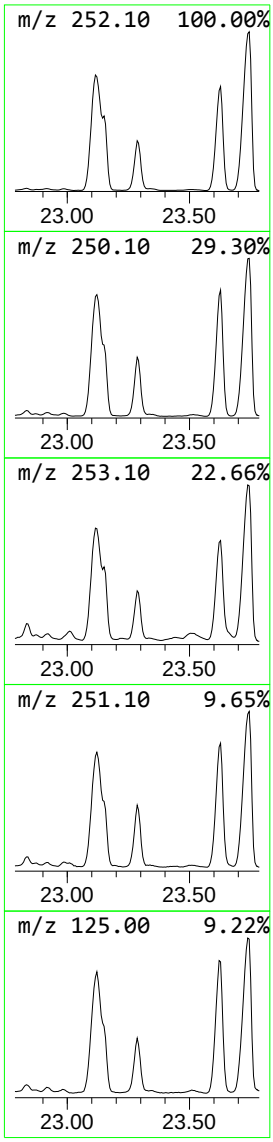
Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.286	17.66 ng	5782440	Perylene-d12	23.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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ALS Vial : 27 Sample Multiplier: 1

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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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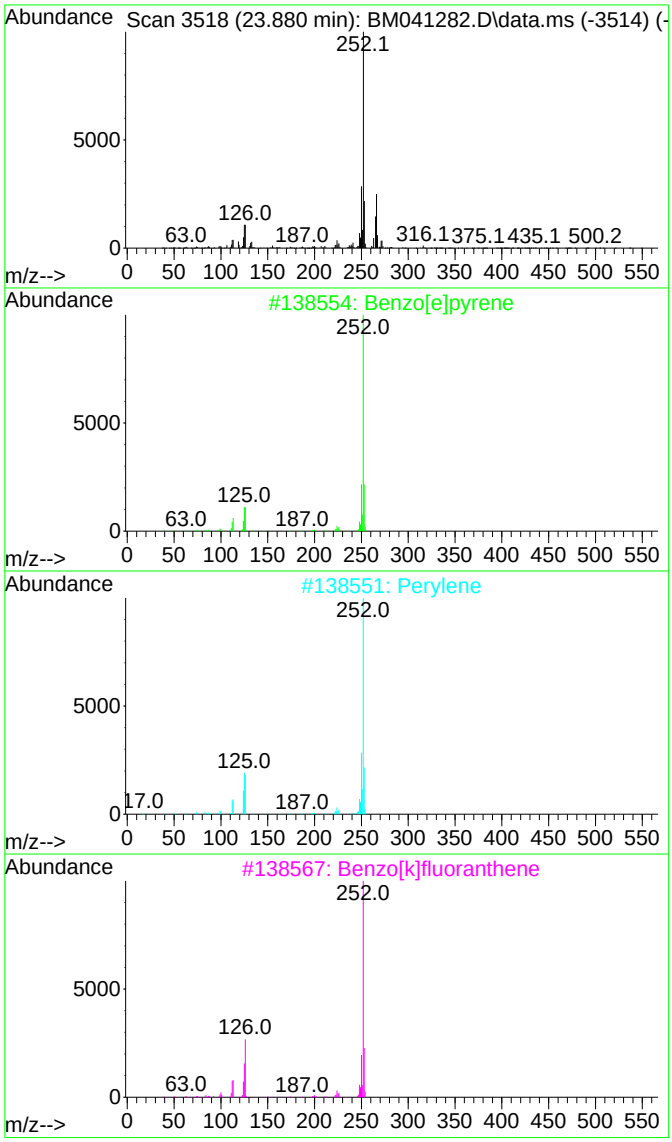
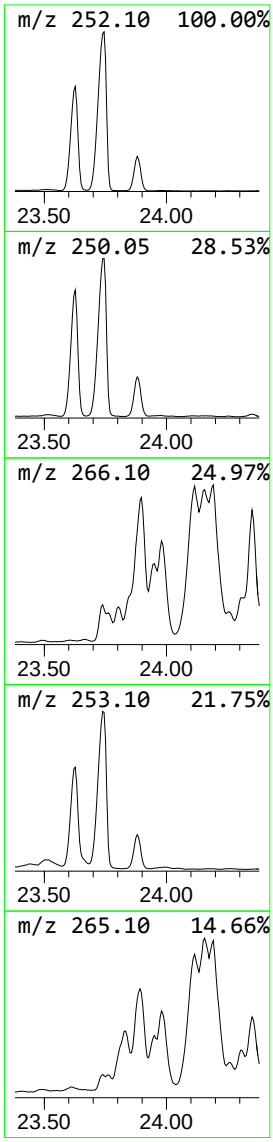
Peak Number 19 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.880	20.00 ng	6549430	Perylene-d12	23.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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

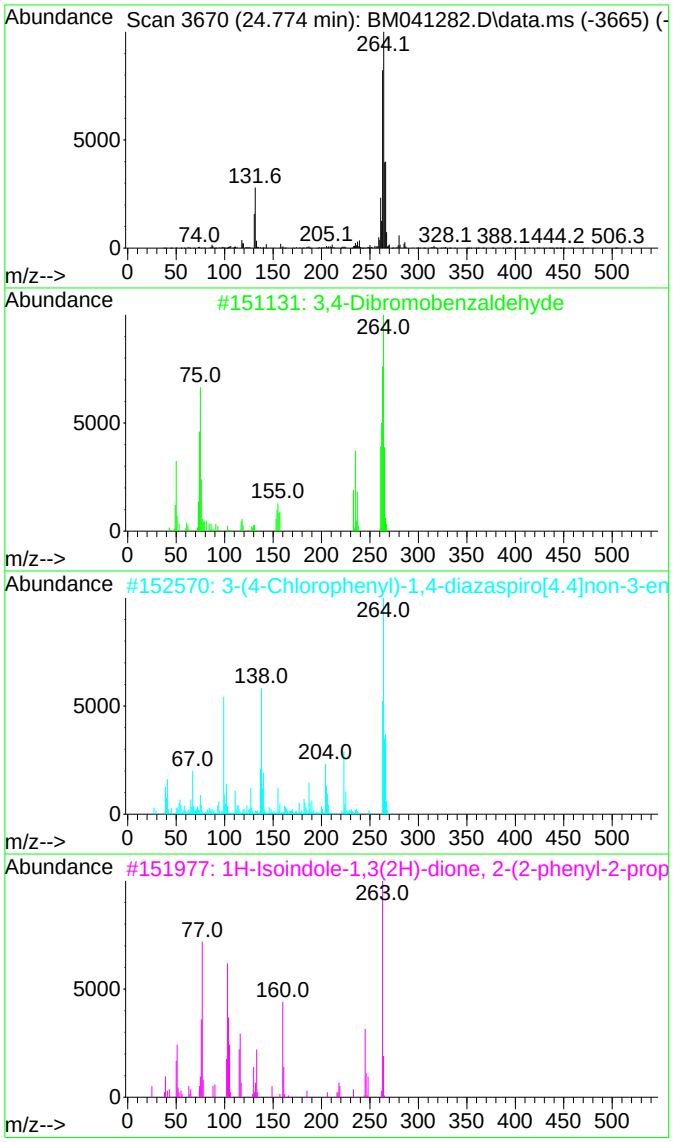
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

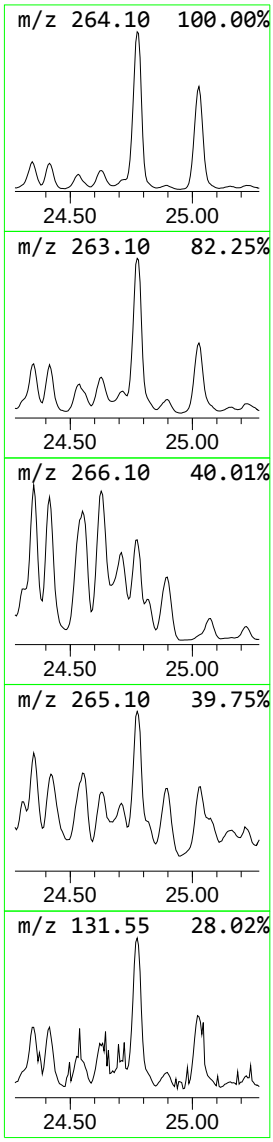
****

Peak Number 20 3,4-Dibromobenzaldehyde Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.774	17.57 ng	5753520	Perylene-d12	23.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	3-(4-Chlorophenyl)-1,4-diazaspir...	264	C13H13ClN2S	899926-60-4	38
3	1H-Isoindole-1,3(2H)-dione, 2-(2...	263	C17H13NO2	016307-59-8	32
4	1,2,3-Triazole-4-carboxamide, N-...	263	C10H9N5O4	1000260-75-3	32
5	9-Chloro-7H-benzo[de]anthracen-7...	264	C17H9ClO	024092-47-5	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041282.D
Acq On : 04 Aug 2023 03:35
Operator : MA/JU
Sample : 03815-03 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DUP-01

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
Indene	8.334	20.0	ng	8386280	1	7.798	8386280	20.0
Naphthalene, 2-...	13.492	12.8	ng	5164640	3	14.469	8053530	20.0
Naphthalene, 1,...	13.645	44.5	ng	17916500	3	14.469	8053530	20.0
Benzo[b]thiophe...	13.710	8.8	ng	3546110	3	14.469	8053530	20.0
Naphthalene, 1,...	13.792	50.1	ng	20163700	3	14.469	8053530	20.0
Naphthalene, 2,...	13.845	27.1	ng	10920100	3	14.469	8053530	20.0
Naphthalene, 2-...	13.922	17.4	ng	7002630	3	14.469	8053530	20.0
Naphthalene, 1,...	14.945	9.3	ng	3738570	3	14.469	8053530	20.0
Naphthalene, 2,...	15.080	16.6	ng	6678020	3	14.469	8053530	20.0
1H-Phenalene	15.345	14.8	ng	5961550	3	14.469	8053530	20.0
Anthracene, 1-m...	18.327	10.9	ng	35353600	4	17.239	64696400	20.0
11H-Benzo[a]flu...	20.174	10.2	ng	15797100	5	21.445	30844000	20.0
Pyrene, 1-methyl-	20.333	9.3	ng	14348100	5	21.445	30844000	20.0
Triphenylene, 2...	22.015	8.9	ng	13803200	5	21.445	30844000	20.0
Benzo[e]pyrene	23.286	17.7	ng	5782440	6	23.827	6549430	20.0
Perylene	23.880	20.0	ng	6549430	6	23.827	6549430	20.0
3,4-Dibromobenz...	24.774	17.6	ng	5753520	6	23.827	6549430	20.0