LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(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: BM041278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	363	371	377	rBV	2412593	3451158	43.69%	2.519%
2	6.981	638	645	660	rVB	2546698	4030596	51.03%	2.942%
3	7.434	717	722	729	rVB4	107408	186743	2.36%	0.136%
4	7.792	778	783	796	rVB	647965	1023888	12.96%	0.747%
5	8.328	869	874	884	rVB	117187	216959	2.75%	0.158%
6	8.975	976	984	993	rBV	1575937	2645151	33.49%	1.931%
7	9.998	1152	1158	1165	rBV4	86170	182291	2.31%	0.133%
8	10.604	1255	1261	1265	rVV	922161	1567536	19.84%	1.144%
9	10.651	1265	1269	1275	rVB	1842960	2873038	36.37%	2.097%
10	12.274	1539	1545	1551	rVB	883918	1385727	17.54%	1.012%
11	12.492	1572	1582	1591	rVB	934049	1500053	18.99%	1.095%
12	13.080	1675	1682	1692	rVB	4124484	5970122	75.58%	4.358%
13	13.292	1715	1718	1723	rVB	167621	218770	2.77%	0.160%
14	13.621	1768	1774	1775	rBV2	330013	491915	6.23%	0.359%
15	13.780	1794	1801	1806	rVV	665337	1179419	14.93%	0.861%
16	13.833	1806	1810	1818	rVB	451796	782456	9.91%	0.571%
17	13.916	1818	1824	1830	rBV2	173807	294776	3.73%	0.215%
18	14.016	1836	1841	1844	rBV	296489	419563	5.31%	0.306%
19	14.186	1864	1870	1880	rVB	713934	1108835	14.04%	0.809%
20	14.463	1905	1917	1923	rBV	1570700	2426010	30.71%	1.771%
21	14.527	1923	1928	1935	rVB2	296526	506566	6.41%	0.370%
22	14.674	1947	1953	1960	rVB4	152709	353163	4.47%	0.258%
23	14.863	1974	1985	1992	rBV	473377	810752	10.26%	0.592%
24	14.939	1993	1998	2002	rBV	272007	350772	4.44%	0.256%
25	15.080	2016	2022	2027	rBV3	283698	519052	6.57%	0.379%
26	15.133	2027	2031	2035	rVB	181598	231080	2.93%	0.169%
27	15.251	2043	2051	2054	rBV3	183971	439262	5.56%	0.321%
28	15.292	2054	2058	2062	rVV2	146388	287510	3.64%	0.210%
29	15.421	2073	2080	2084	rBV3	90307	205403	2.60%	0.150%
30	15.515	2090	2096	2107	rVB2	699753	1302933	16.49%	0.951%
31	15.639	2109	2117	2120	rBV2	142477	273731	3.47%	0.200%
32	15.674	2120	2123	2127	rVV4	99804	191178	2.42%	0.140%
33	15.721	2127	2131	2140	rVV5	120505	283130	3.58%	0.207%
34	15.810	2141	2146	2152	rVB2	215258	380182	4.81%	0.278%
35	15.962	2167	2172	2179	rVB	3565412	5041974	63.83%	3.681%
36	16.186	2203	2210	2215	rBV3	320222	653675	8.28%	0.477%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(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	16.327	2230	2234	2238	rBV	118052	193062	2.44%	0.141%
38	16.521	2260	2267	2272	rBV4	211734	525031	6.65%	0.383%
39	16.574	2272	2276	2281	rVV2	205210	305640	3.87%	0.223%
40	16.674	2289	2293	2297	rVB	153274	210911	2.67%	0.154%
41	16.751	2303	2306	2310	rBV2	122058	185575	2.35%	0.135%
42	16.792	2310	2313	2321	rVB2	161800	268964	3.41%	0.196%
43	16.880	2324	2328	2333	rBV2	225612	335799	4.25%	0.245%
44	16.962	2336	2342	2346	rBV3	267384	411741	5.21%	0.301%
45	17.039	2351	2355	2363	rVB	509497	776630	9.83%	0.567%
46	17.221	2381	2386	2390	rBV	1856436	2716351	34.39%	1.983%
47	17.268	2390	2394	2400	rVV	4255500	5658410	71.63%	4.131%
48	17.356	2404	2409	2414	rVV	1168901	1601523	20.28%	1.169%
49	17.421	2414	2420	2424	rVB2	137186	304390	3.85%	0.222%
50	17.639	2451	2457	2464	rBV	363628	732412	9.27%	0.535%
51	17.704	2465	2468	2472	rVV2	314055	414789	5.25%	0.303%
52	17.745	2472	2475	2478	rVV	193774	246972	3.13%	0.180%
53	17.804	2481	2485	2493	rVB	430676	667083	8.45%	0.487%
54	17.951	2505	2510	2514	rBV	228572	383805	4.86%	0.280%
55	18.121	2531	2539	2542	rVV2	1305438	2873139	36.37%	2.097%
56	18.151	2542	2544	2550	rVB	1194457	1426046	18.05%	1.041%
57	18.233	2554	2558	2563	rVV	455624	635665	8.05%	0.464%
58	18.298	2563	2569	2573	rVV2	1333591	2503286	31.69%	1.827%
59	18.333	2573	2575	2583	rVB	692884	915536	11.59%	0.668%
60	18.403	2584	2587	2592	rBV2	290647	394804	5.00%	0.288%
61	18.503	2600	2604	2608	rVB2	218834	286975	3.63%	0.209%
62	18.603	2617	2621	2625	rBV2	563046	810808	10.26%	0.592%
63	18.662	2628	2631	2639	rVB2	313629	455631	5.77%	0.333%
64	18.821	2655	2658	2661	rBV	191106	277312	3.51%	0.202%
65	18.850	2661	2663	2668	rVV2	232372	363045	4.60%	0.265%
66	18.903	2668	2672	2675	rVV	357815	504923	6.39%	0.369%
67	18.945	2676	2679	2682	rVB2	270226	334589	4.24%	0.244%
68	19.027	2688	2693	2698	rBV2	865174	1617593	20.48%	1.181%
69	19.086	2699	2703	2706	rVV3	382394	694342	8.79%	0.507%
70	19.115	2706	2708	2712	rVB	317765	370548	4.69%	0.271%
71	19.174	2712	2718	2724	rBV4	364672	928323	11.75%	0.678%
72	19.298	2733	2739	2744	rBV	5706709	7800312	98.75%	5.694%
73	19.403	2752	2757	2761	rBV3	468666	738919	9.35%	0.539%
74	19.445	2761	2764	2769	rVB	430416	510002	6.46%	0.372%
75	19.533	2776	2779	2782	rBV2	364352	456206	5.78%	0.333%
76	19.627	2791	2795	2796	rBV	827966	1010075	12.79%	0.737%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(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

77	19.662	2796	2801	2808	rVV	5856488	7898975	100.00%	5.766%
78	19.727	2808	2812	2818	rVB	393316	608676	7.71%	0.444%
79	19.862	2829	2835	2839	rVB	5696356	6906675	87.44%	5.042%
80	19.980	2850	2855	2864	rBV5	482268	1196923	15.15%	0.874%
81	20.156	2874	2885	2890	rVB3	1191197	2527677	32.00%	1.845%
82	20.256	2898	2902	2906	rVB	648175	722384	9.15%	0.527%
83	20.315	2907	2912	2915	rVV3	713337	901929	11.42%	0.658%
84	20.450	2932	2935	2939	rBV	590023	743168	9.41%	0.543%
85	20.497	2940	2943	2947	rVB	634501	714514	9.05%	0.522%
86	20.656	2967	2970	2975	rBV	340158	404000	5.11%	0.295%
87	20.909	3010	3013	3018	rVB	339932	479007	6.06%	0.350%
88	21.074	3037	3041	3044	rBV	632514	739430	9.36%	0.540%
89	21.127	3044	3050	3053	rBV2	855281	1704642	21.58%	1.244%
90	21.415	3094	3099	3105	rBV2	3356145	6823598	86.39%	4.981%
91	21.468	3105	3108	3117	rVB	2819978	3422601	43.33%	2.499%
92	21.997	3196	3198	3205	rVB2	518641	906425	11.48%	0.662%
93	22.050	3205	3207	3214	rVB	392324	497488	6.30%	0.363%
94	22.203	3231	3233	3237	rBV	292361	366146	4.64%	0.267%
95	23.086	3378	3383	3388	rBV	1535248	3462854	43.84%	2.528%
96	23.262	3410	3413	3420	rVB	485946	792491	10.03%	0.579%
97	23.597	3465	3470	3478	rVB	1212118	2272943	28.78%	1.659%
98	23.703	3482	3488	3495	rVB	1842485	3388390	42.90%	2.474%
99	23.803	3500	3505	3510	rBV	888915	1650445	20.89%	1.205%
100	26.262	3918	3923	3934	rVB	867410	2218239	28.08%	1.619%

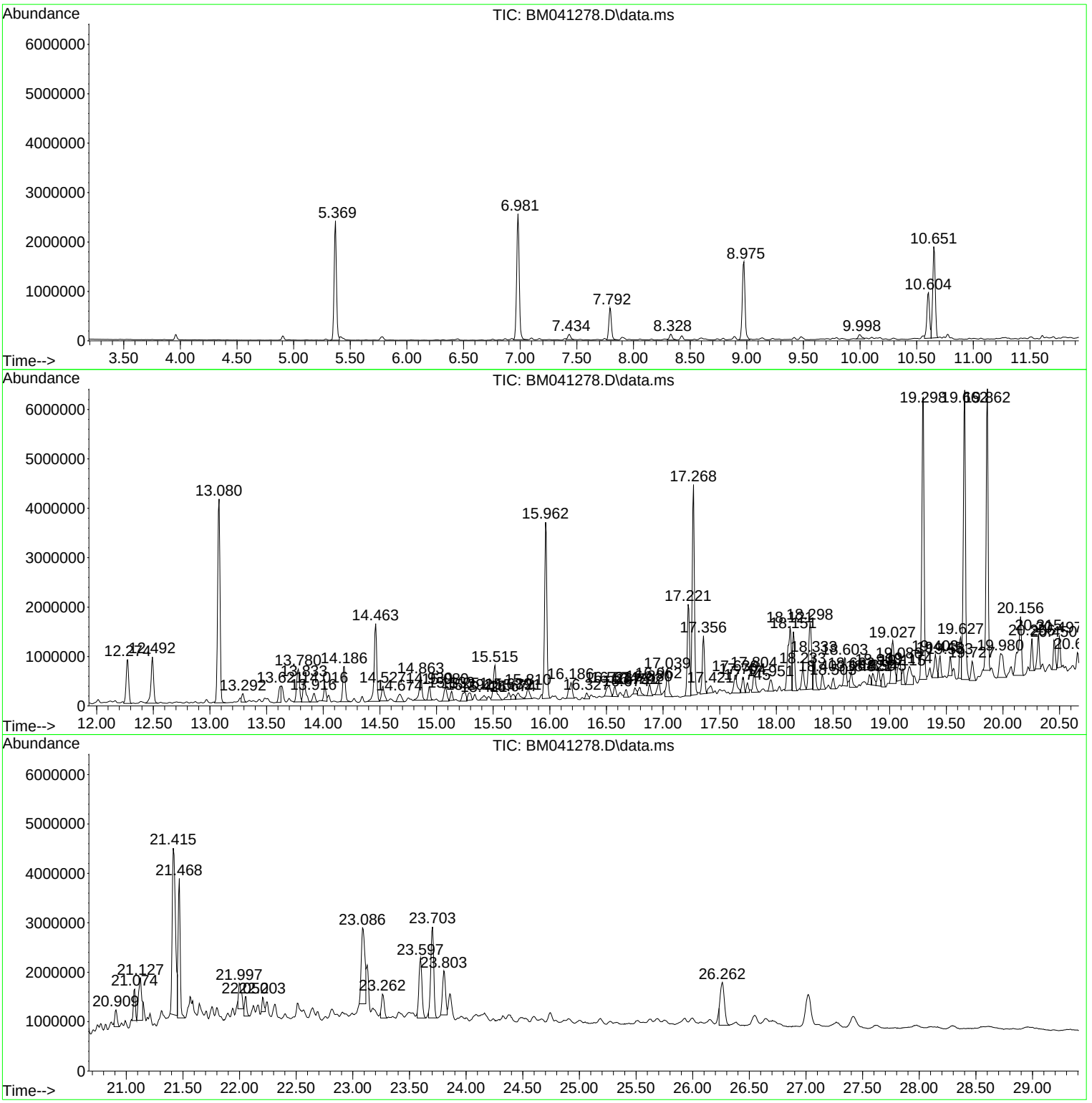
Sum of corrected areas: 136982156

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(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\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

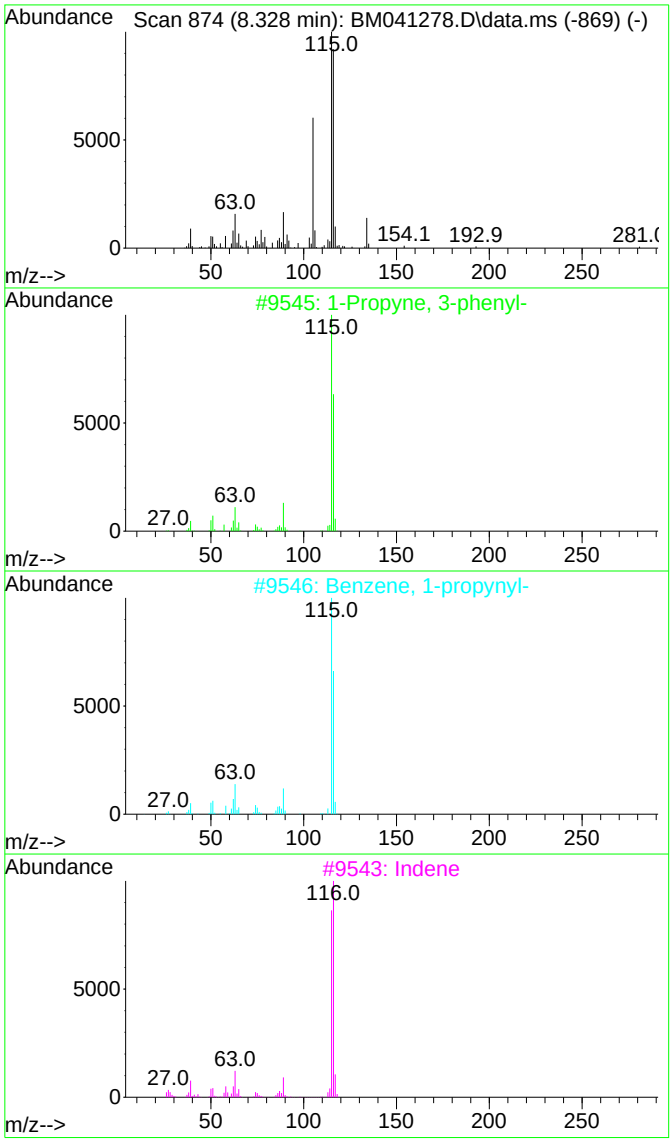
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

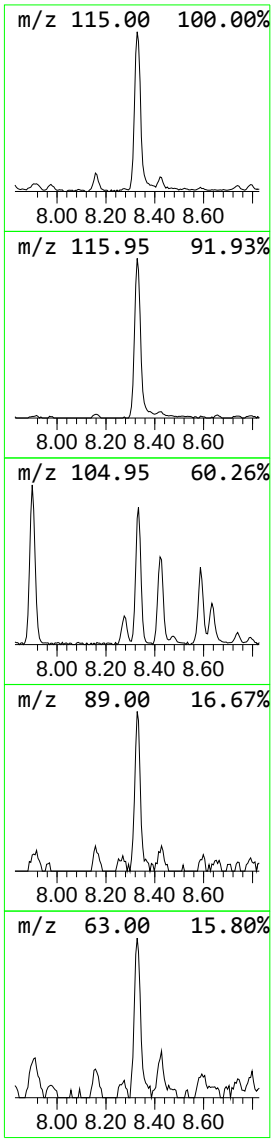
****

Peak Number 1 1-Propyne, 3-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.328	4.24 ng	216959	1,4-Dichlorobenzene-d4	7.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	Indene	116	C9H8	000095-13-6	91
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

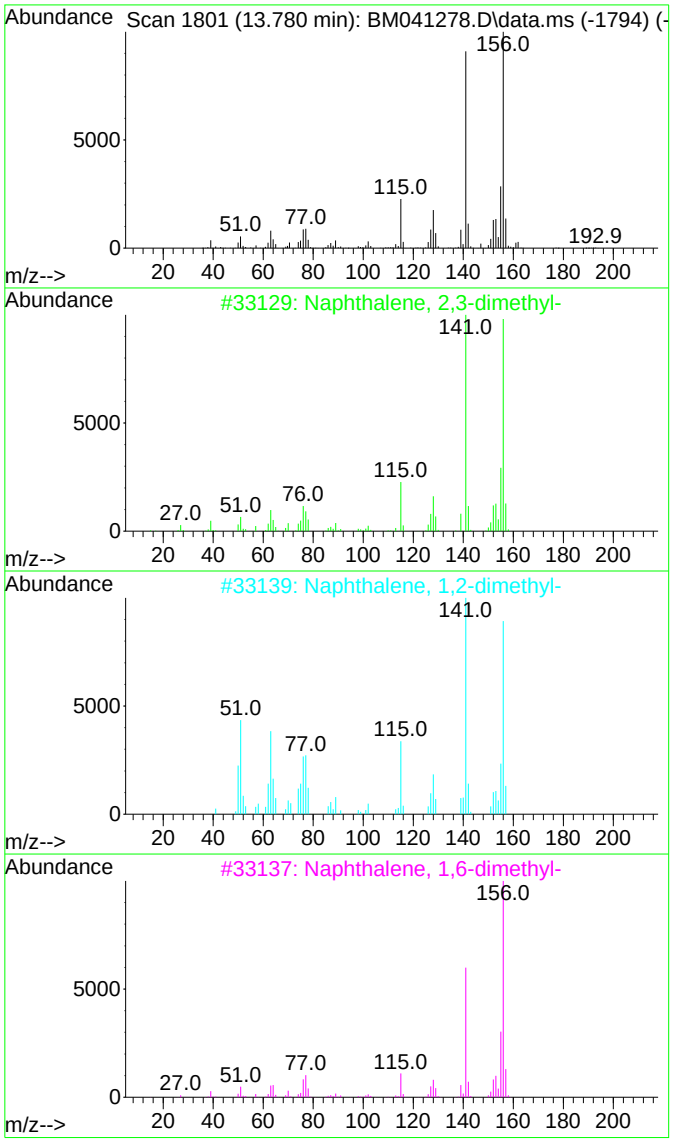
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

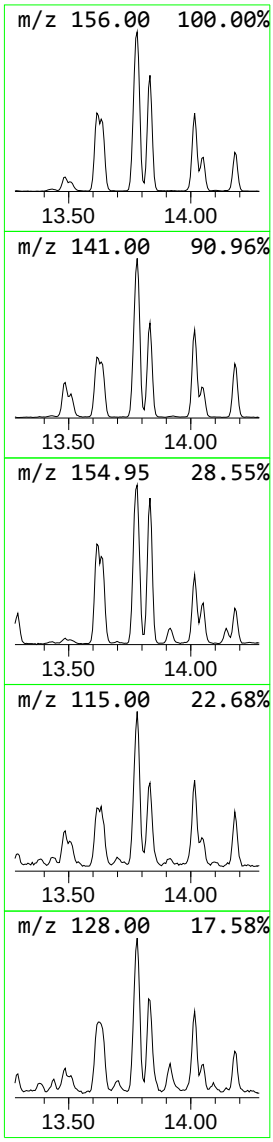
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	9.72 ng	1179420	Acenaphthene-d10	14.463

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

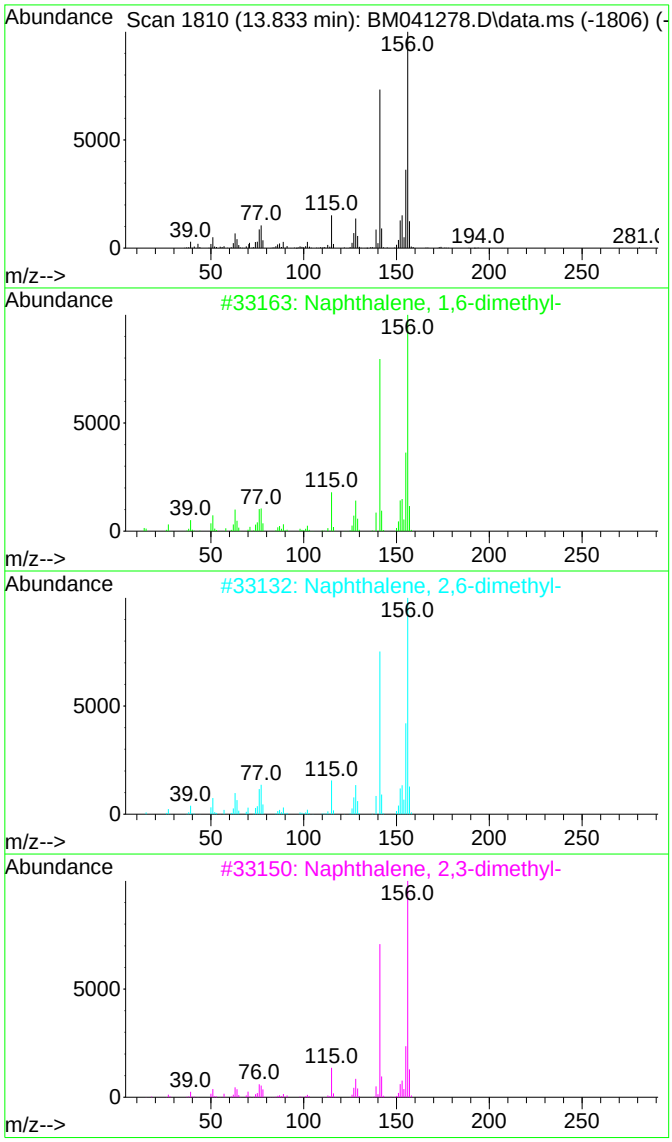
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

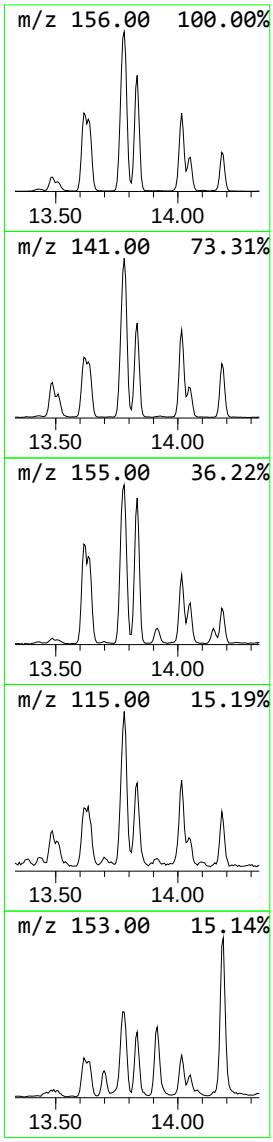
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	6.45 ng	782456	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

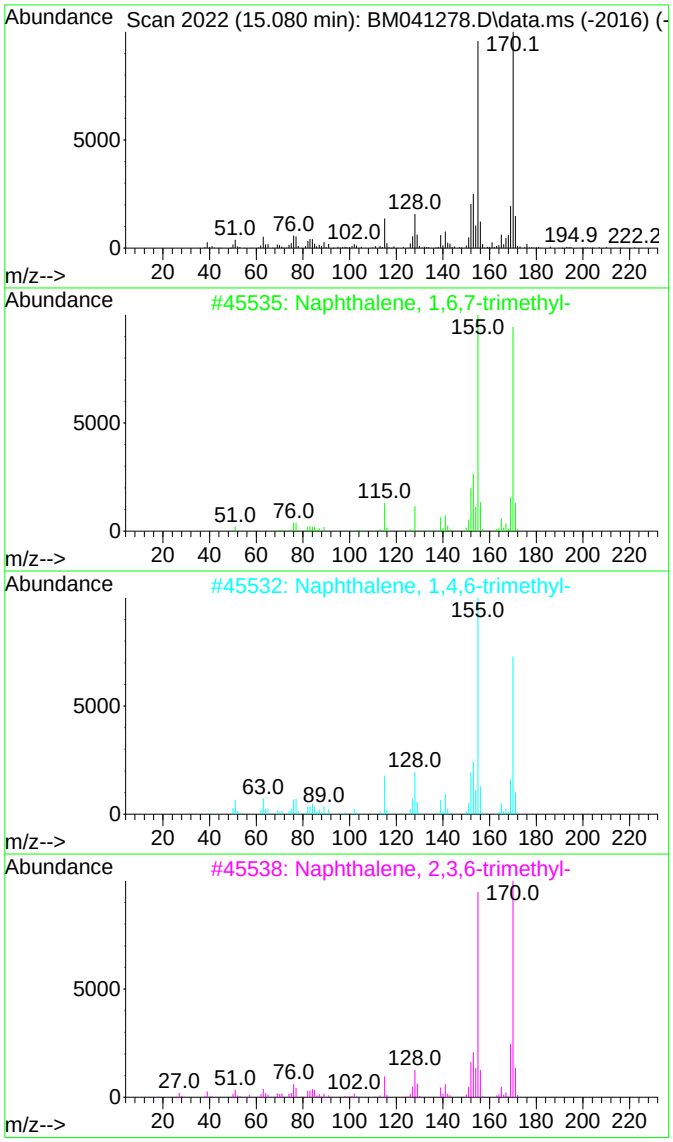
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

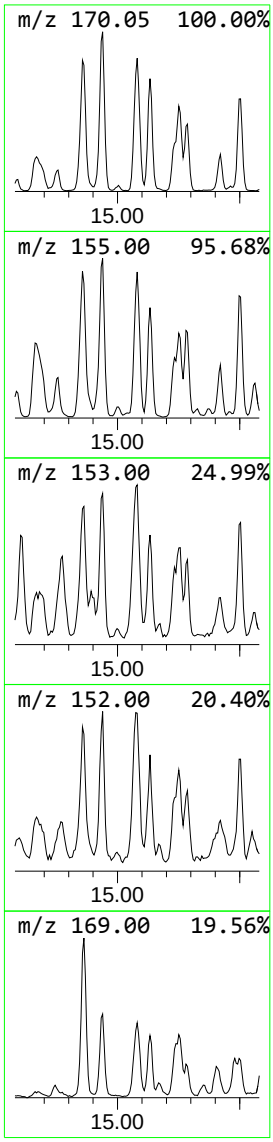
****

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	4.28 ng	519052	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

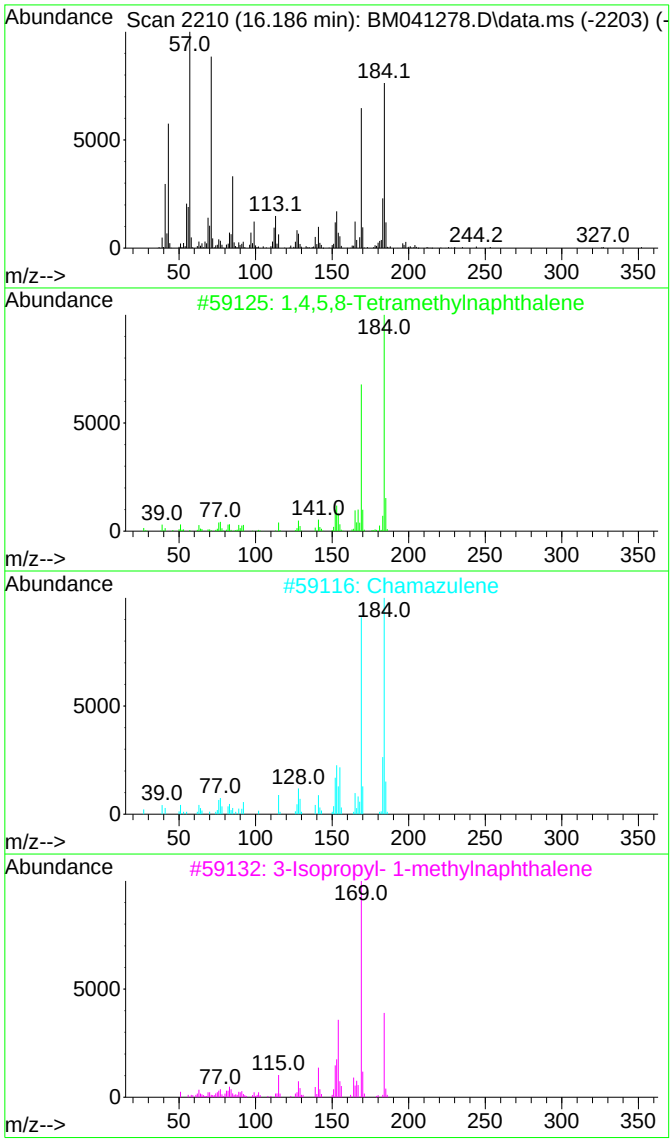
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

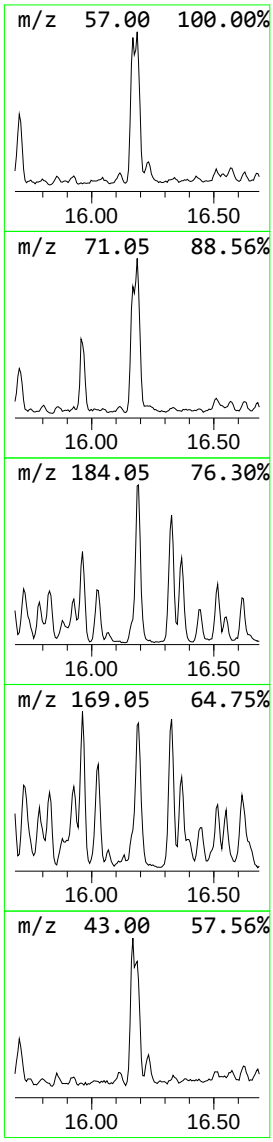
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,4,5,8-Tetramethylnaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	4.81 ng	653675	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	90
2	Chamazulene	184	C14H16	000529-05-5	78
3	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	70
4	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	55
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

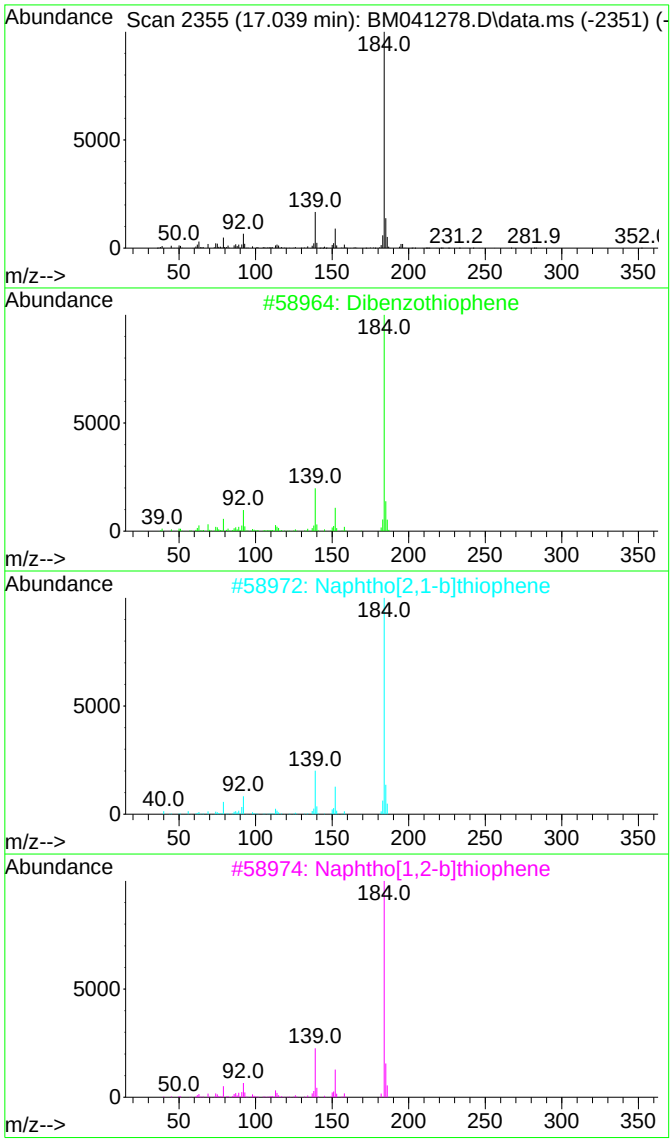
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

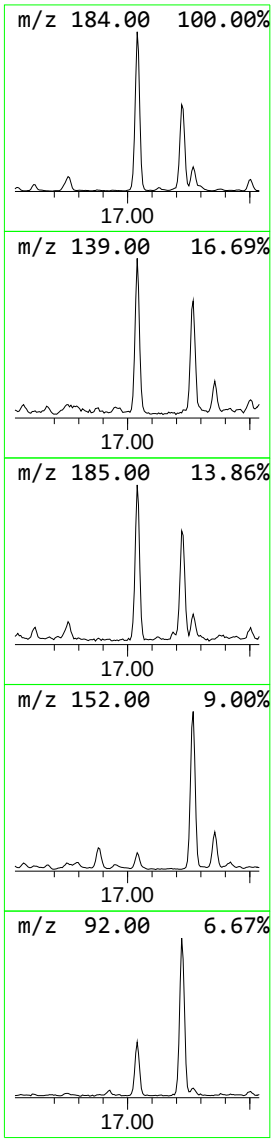
****

Peak Number 6 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	5.72 ng	776630	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	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

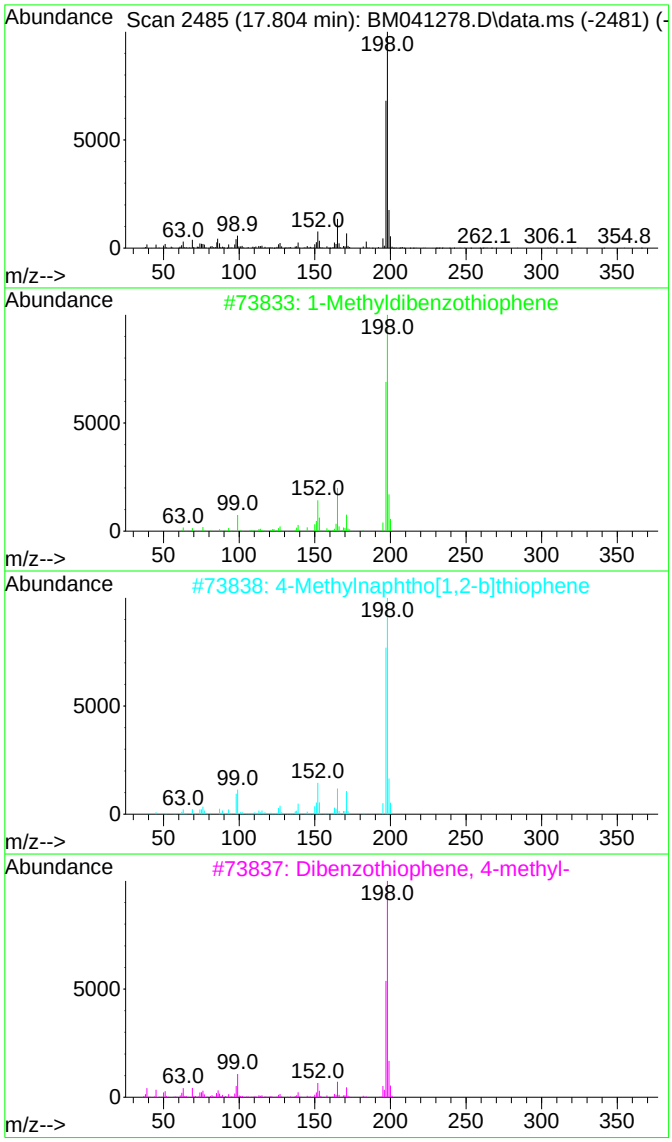
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

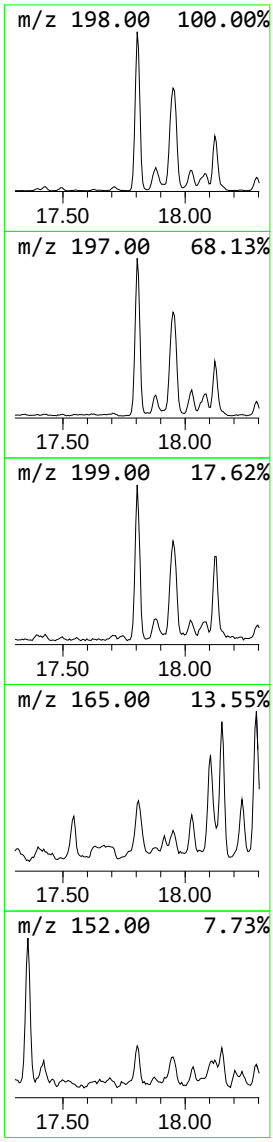
****

Peak Number 7 1-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	4.91 ng	667083	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	95
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

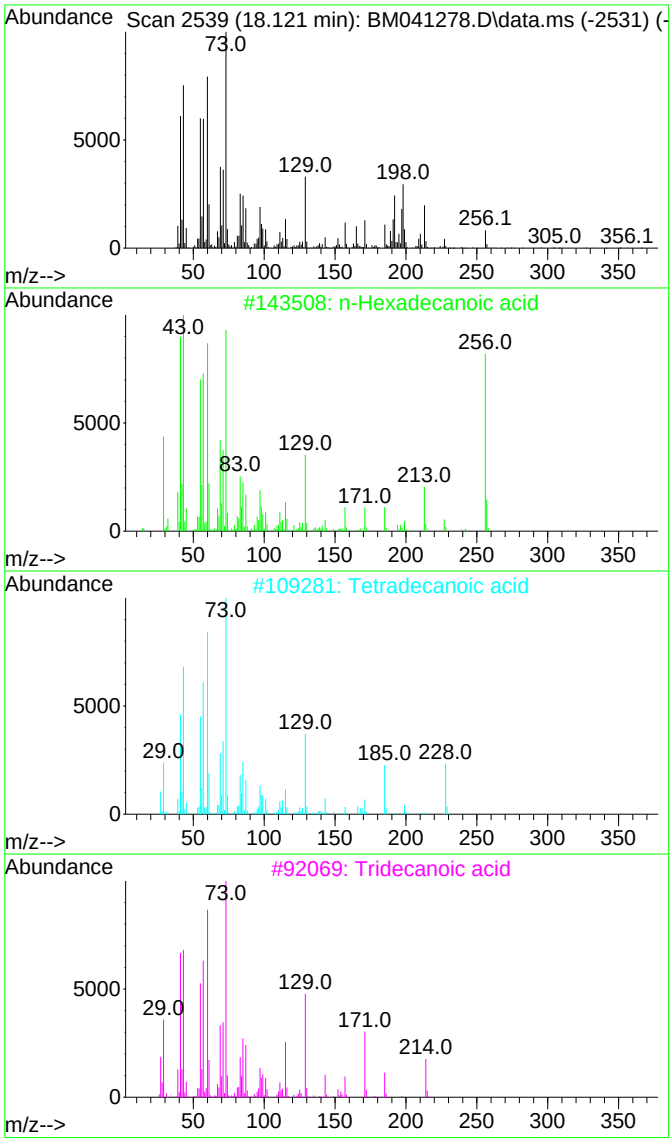
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

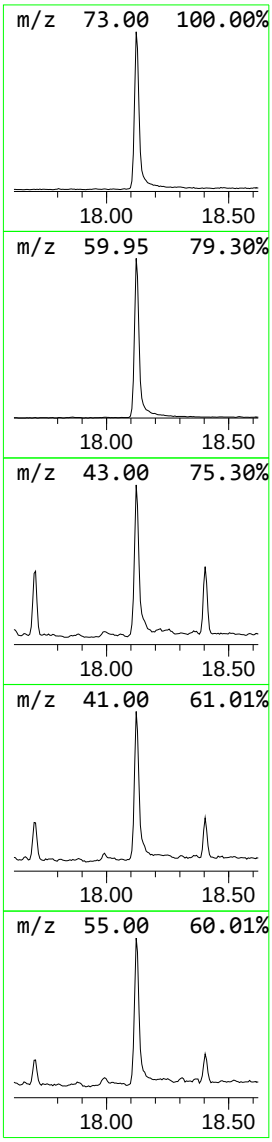
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	21.15 ng	2873140	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

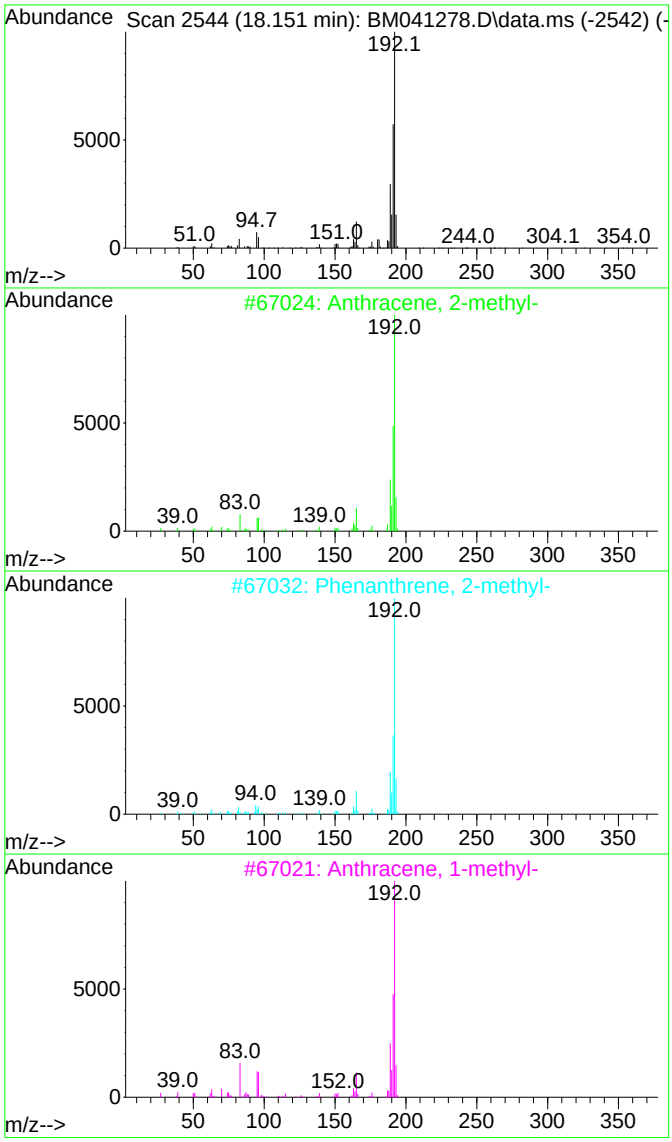
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

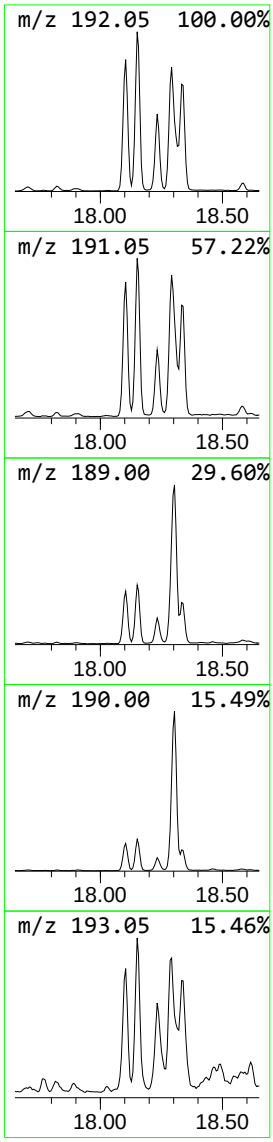
****

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	10.50 ng	1426050	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

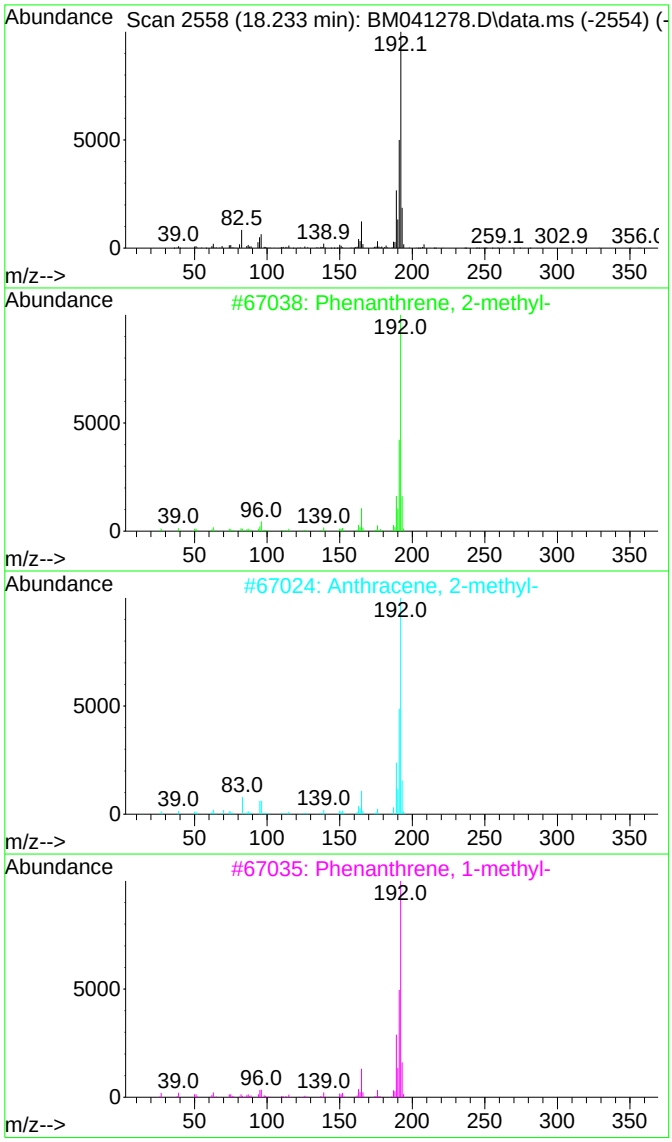
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

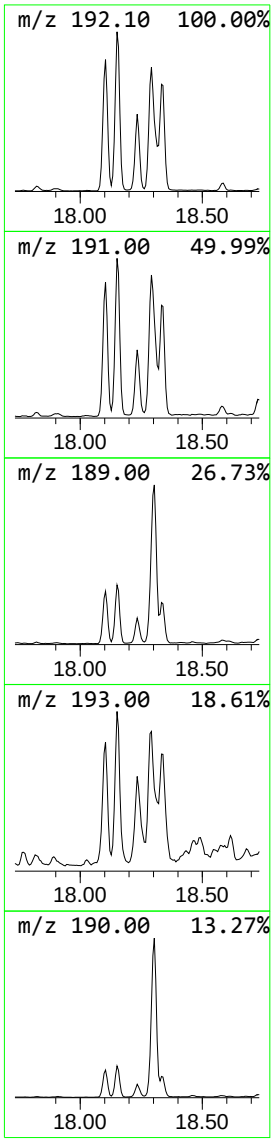
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	4.68 ng	635665	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

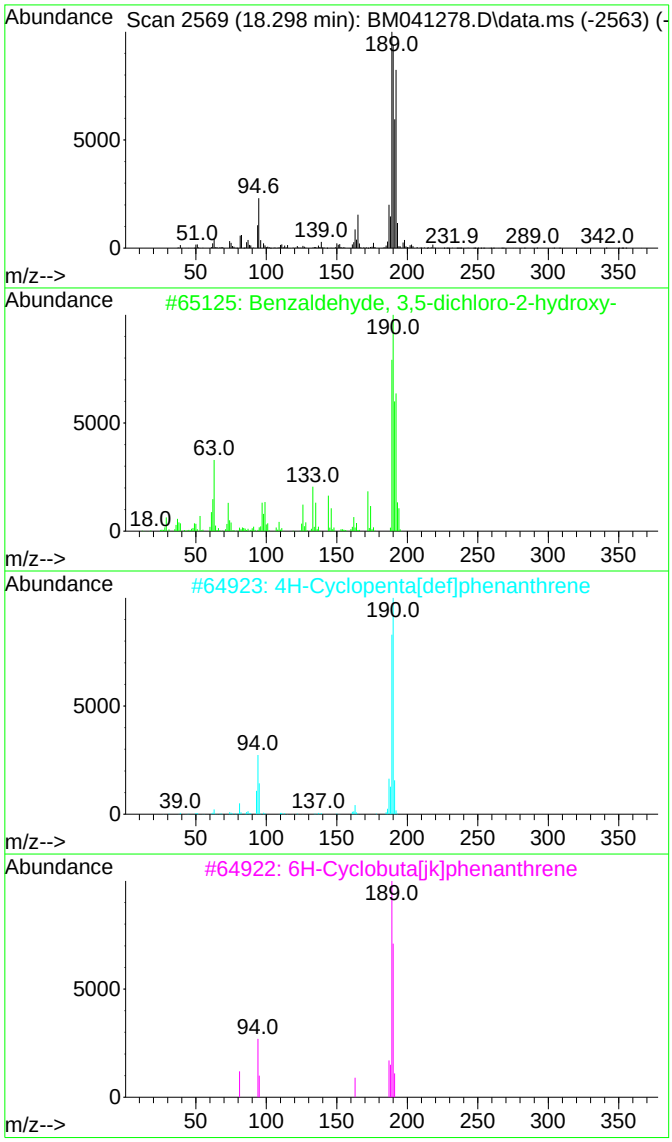
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

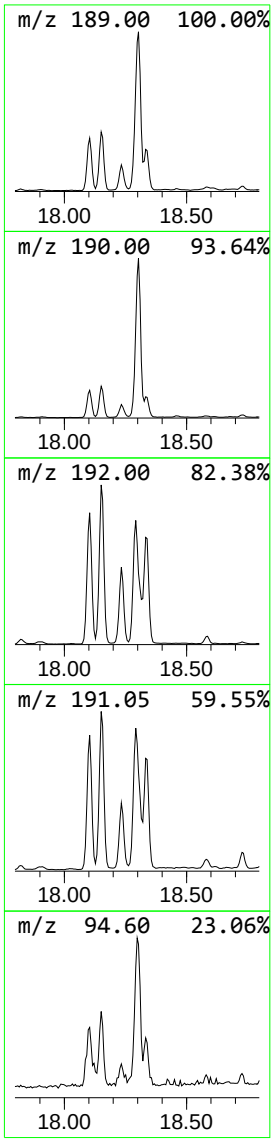
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	18.43 ng	2503290	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

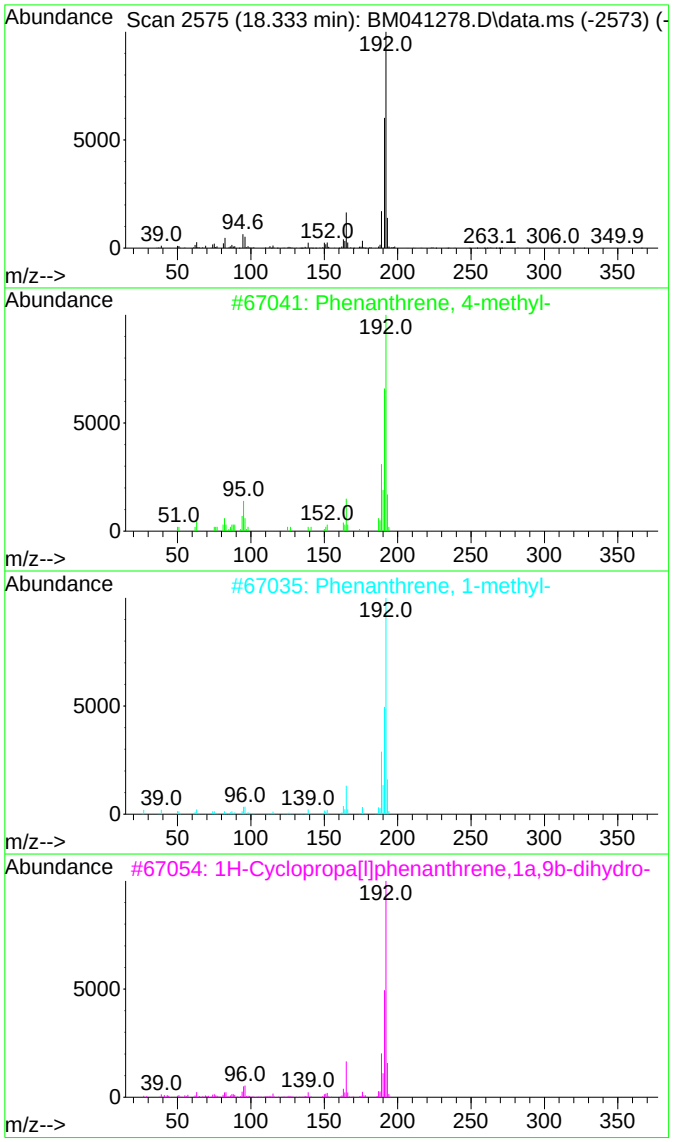
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

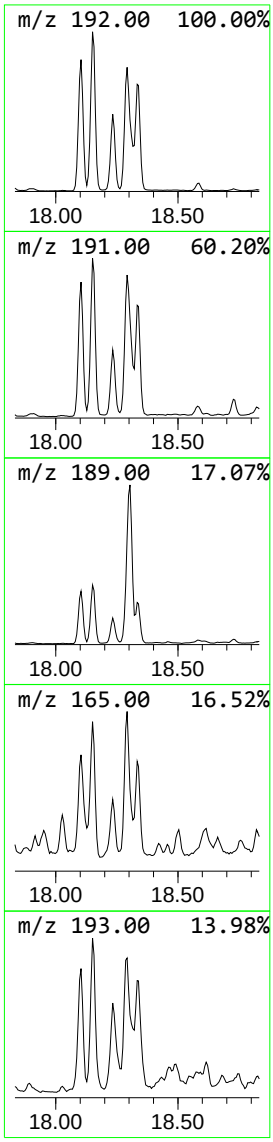
****

Peak Number 12 Phenanthrene, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	6.74 ng	915536	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

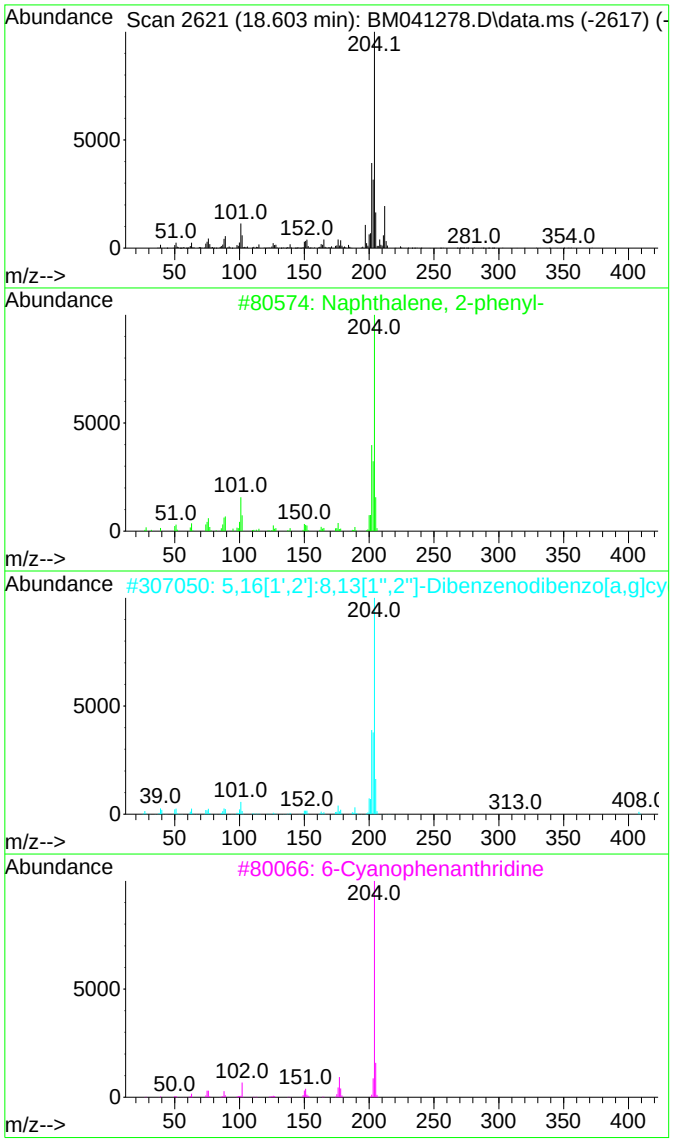
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

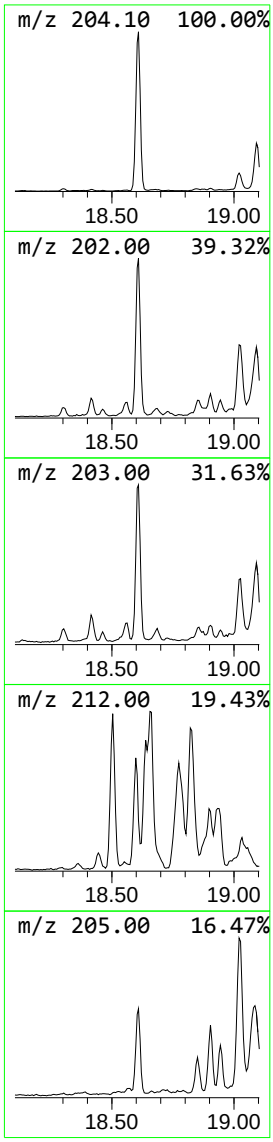
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	5.97 ng	810808	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

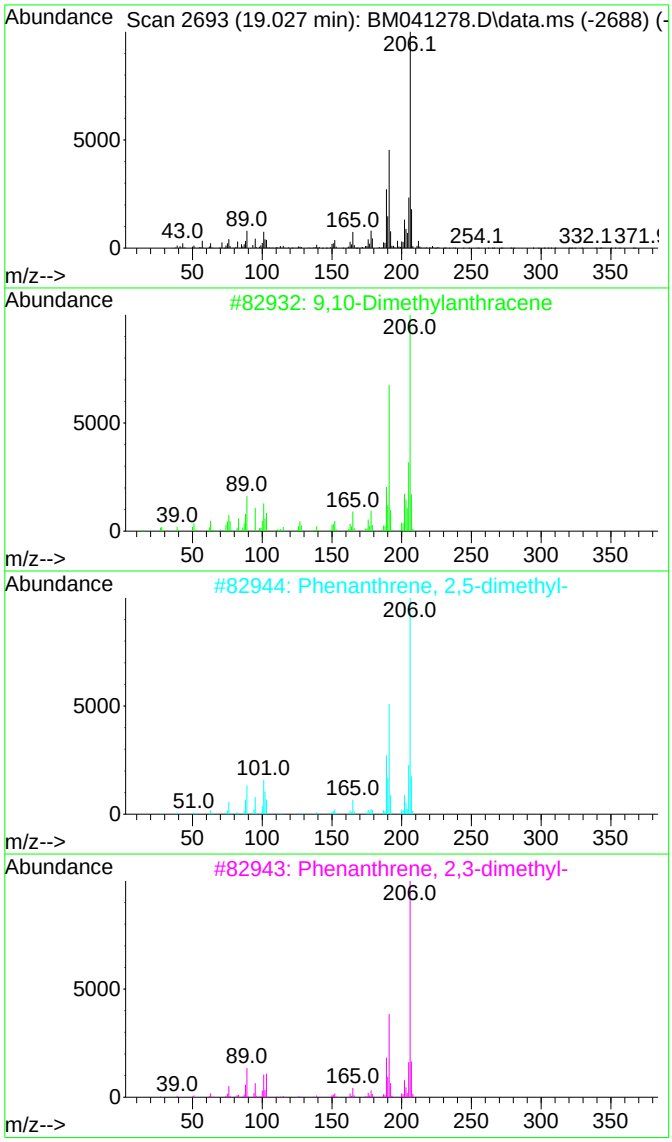
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

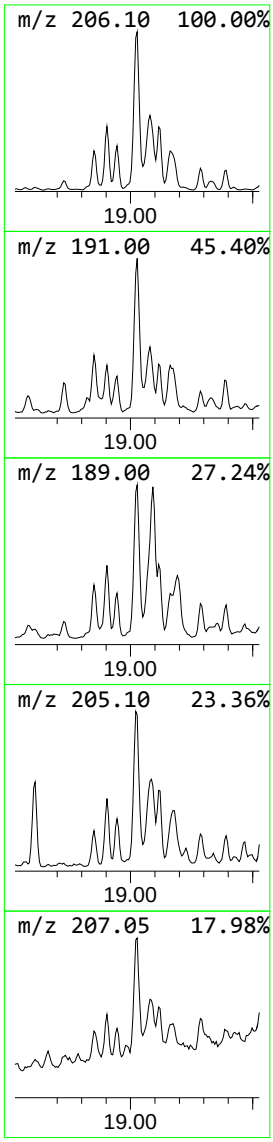
****

Peak Number 14 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	11.91 ng	1617590	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

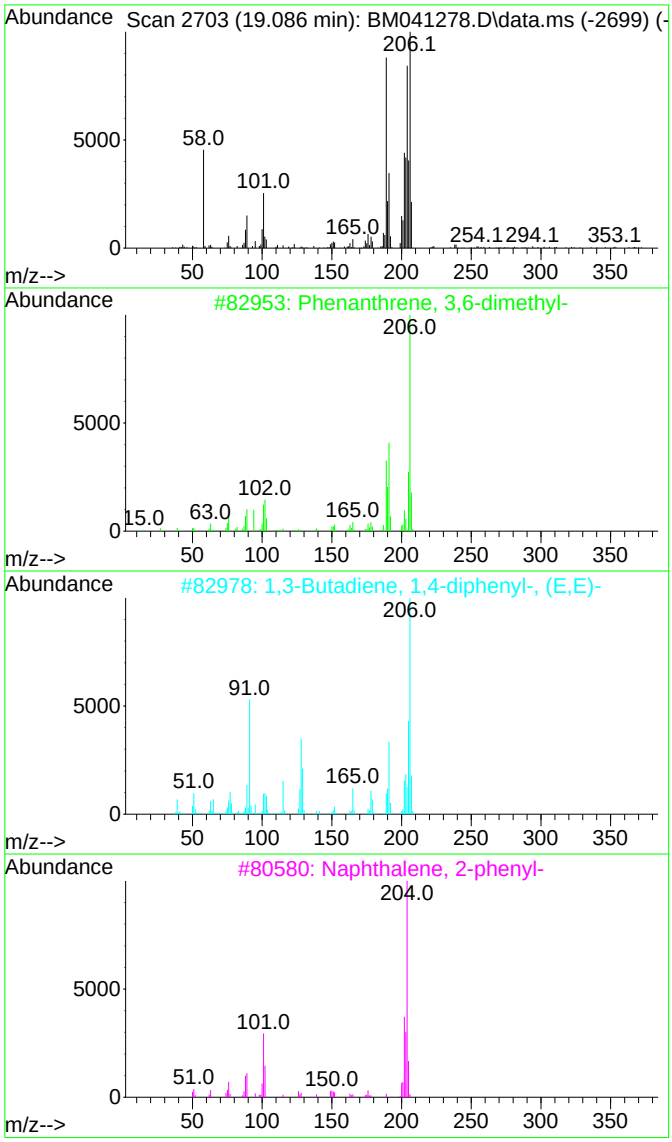
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

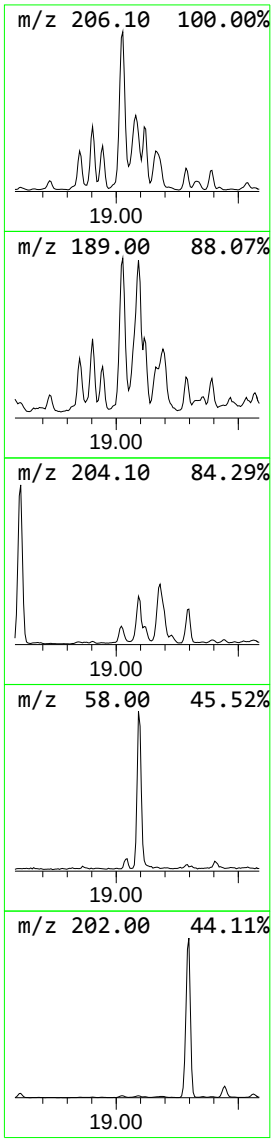
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	5.11 ng	694342	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	35
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

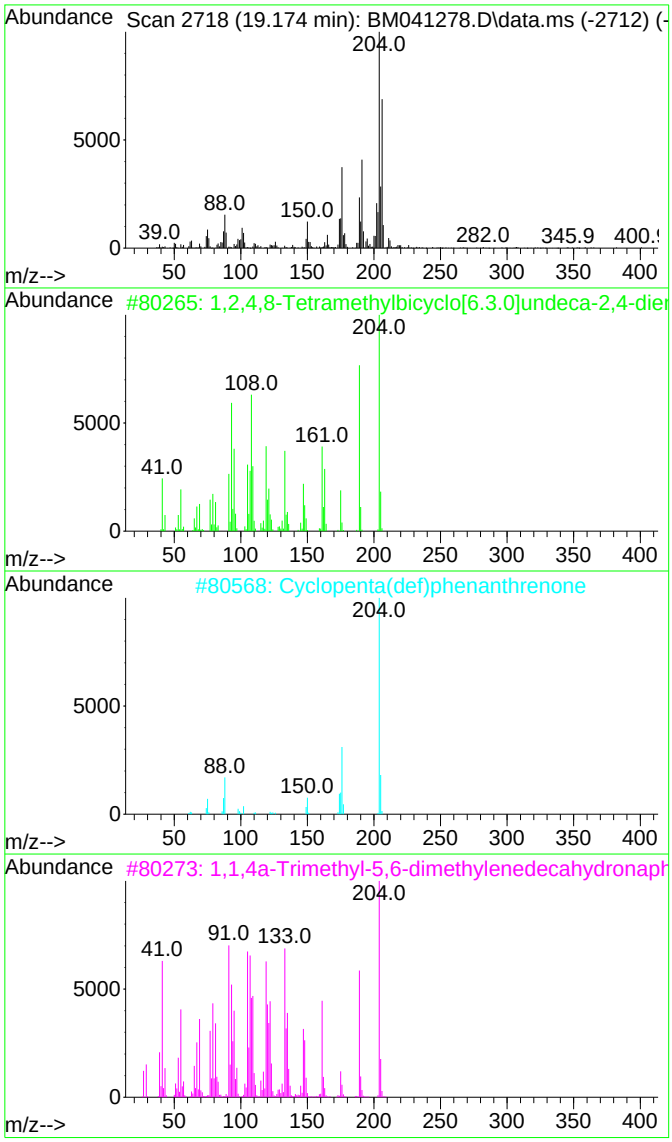
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

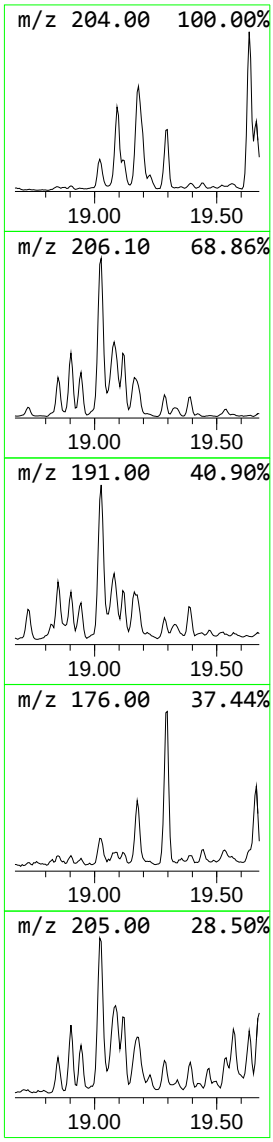
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	6.84 ng	928323	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	89
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	80
3	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	64
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	64
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

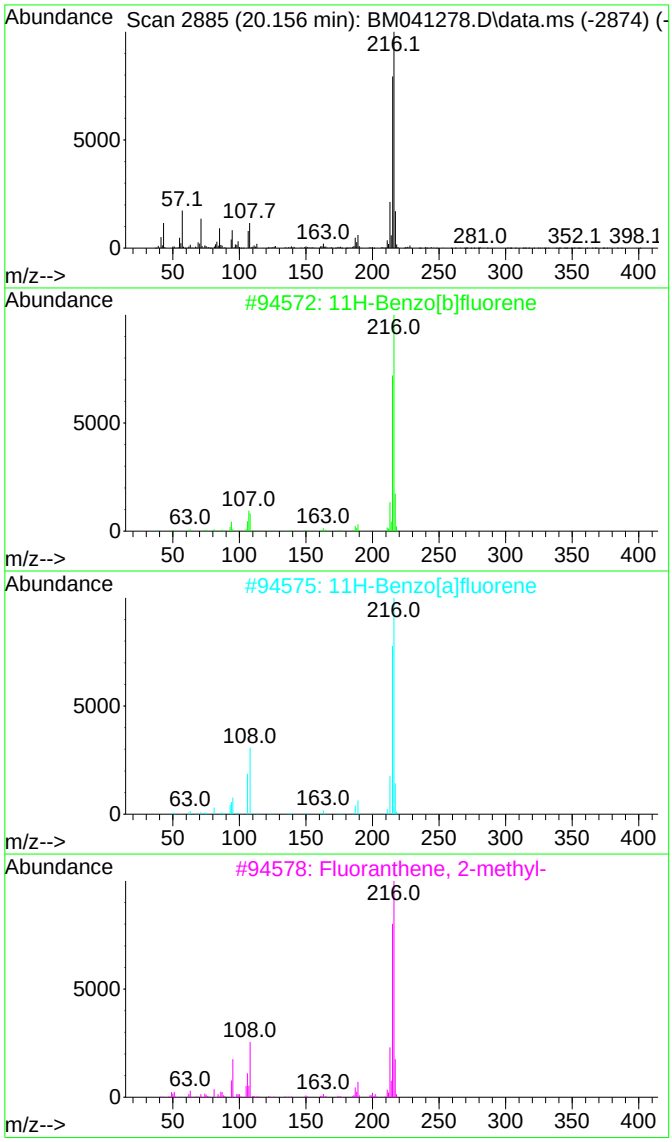
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

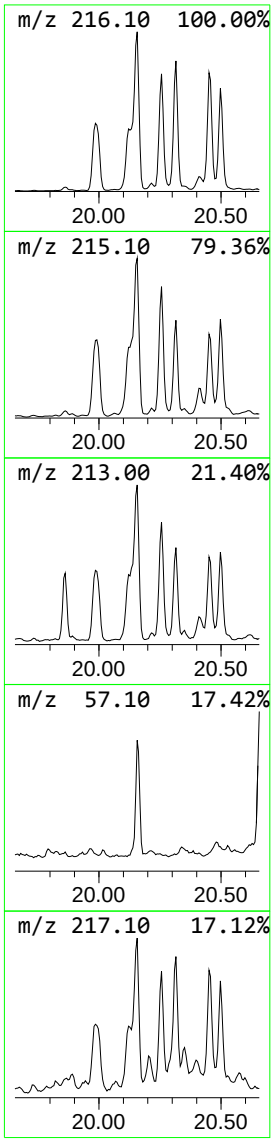
****

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.156	7.41 ng	2527680	Chrysene-d12	21.427

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	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

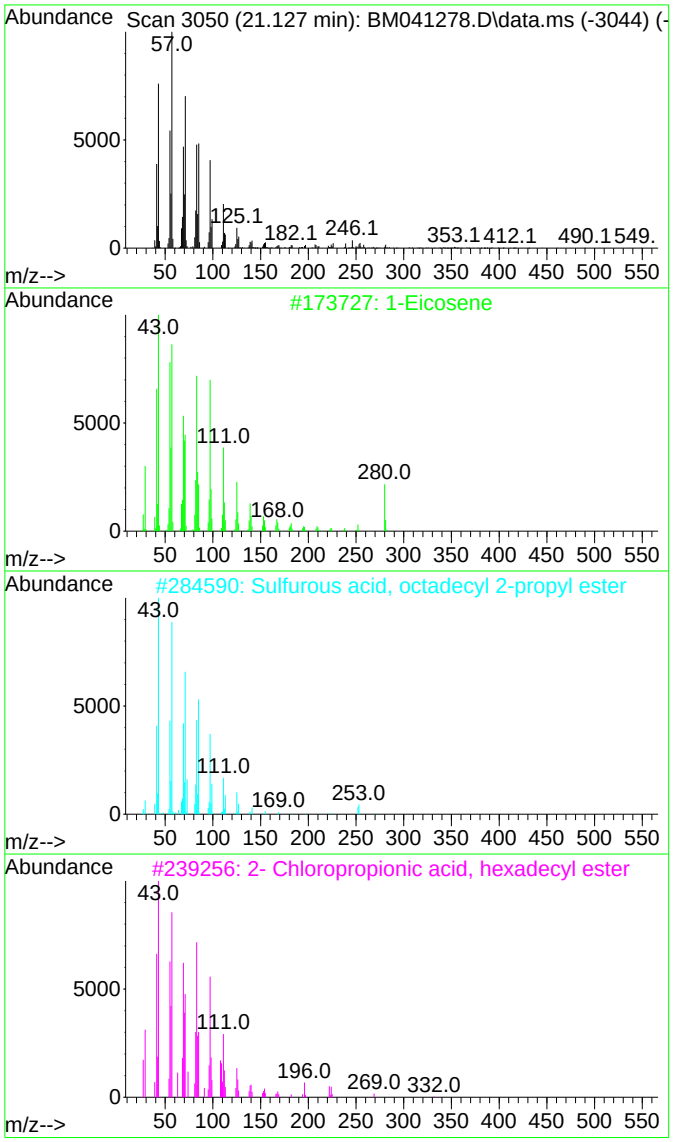
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

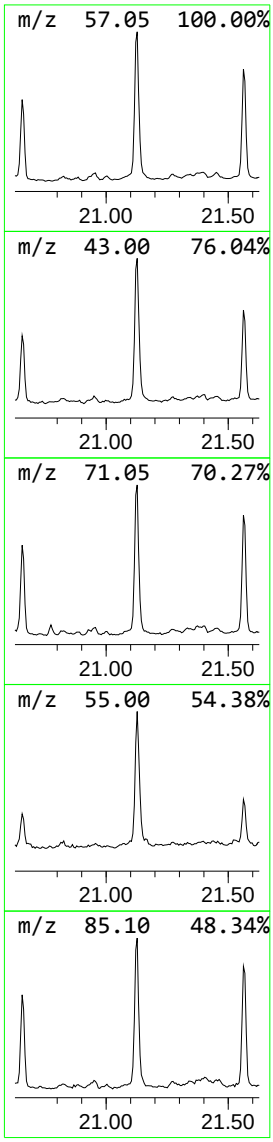
****

Peak Number 18 1-Eicosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	5.00 ng	1704640	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	92
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	91
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	86
4	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	86
5	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(0-5)

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

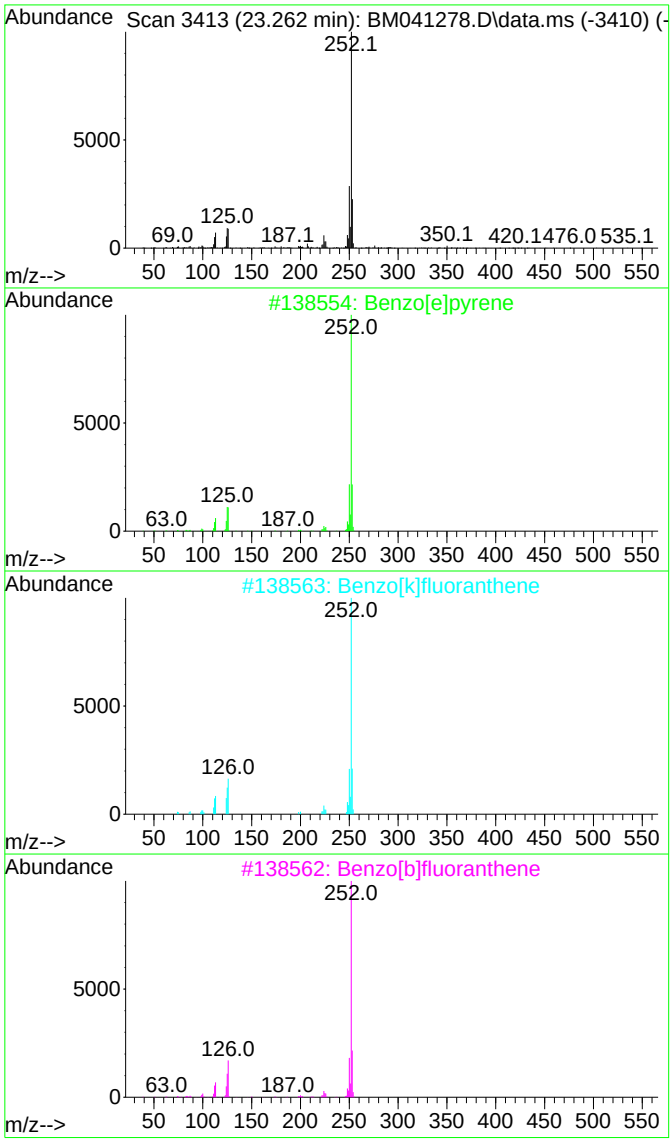
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

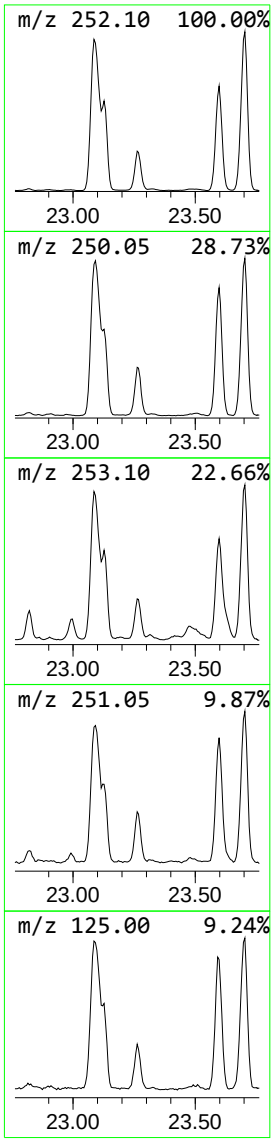
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.262	9.60 ng	792491	Perylene-d12	23.803

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	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041278.D
Acq On : 04 Aug 2023 01:09
Operator : MA/JU
Sample : 03862-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-1-(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
1-Propyne, 3-ph...	8.328	4.2	ng	216959	1	7.792	1023890	20.0
Naphthalene, 2,...	13.780	9.7	ng	1179420	3	14.463	2426010	20.0
Naphthalene, 1,...	13.833	6.5	ng	782456	3	14.463	2426010	20.0
Naphthalene, 1,...	15.080	4.3	ng	519052	3	14.463	2426010	20.0
1,4,5,8-Tetrame...	16.186	4.8	ng	653675	4	17.221	2716350	20.0
Dibenzothiophene	17.039	5.7	ng	776630	4	17.221	2716350	20.0
1-Methyldibenzo...	17.804	4.9	ng	667083	4	17.221	2716350	20.0
n-Hexadecanoic ...	18.121	21.1	ng	2873140	4	17.221	2716350	20.0
Anthracene, 2-m...	18.151	10.5	ng	1426050	4	17.221	2716350	20.0
Phenanthrene, 2...	18.233	4.7	ng	635665	4	17.221	2716350	20.0
Benzaldehyde, 3...	18.298	18.4	ng	2503290	4	17.221	2716350	20.0
Phenanthrene, 4...	18.333	6.7	ng	915536	4	17.221	2716350	20.0
Naphthalene, 2-...	18.604	6.0	ng	810808	4	17.221	2716350	20.0
9,10-Dimethylan...	19.027	11.9	ng	1617590	4	17.221	2716350	20.0
Phenanthrene, 3...	19.086	5.1	ng	694342	4	17.221	2716350	20.0
1,2,4,8-Tetrame...	19.174	6.8	ng	928323	4	17.221	2716350	20.0
11H-Benzo[b]flu...	20.156	7.4	ng	2527680	5	21.427	6823600	20.0
1-Eicosene	21.127	5.0	ng	1704640	5	21.427	6823600	20.0
Benzo[e]pyrene	23.262	9.6	ng	792491	6	23.803	1650450	20.0