LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM036217.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	387	394	413	rBV	4287527	6349355	7.18%	0.703%
2	7.022	662	669	682	rVB	4429573	6808578	7.70%	0.754%
3	7.822	798	805	814	rBV	1187171	1867632	2.11%	0.207%
4	8.998	997	1005	1017	rBV	2793645	4570729	5.17%	0.506%
5	10.628	1273	1282	1287	rBV	1685042	2817453	3.19%	0.312%
6	12.333	1555	1572	1584	rBV3	1917608	5216748	5.90%	0.578%
7	13.098	1694	1702	1710	rBV	7504508	10726228	12.14%	1.188%
8	14.210	1884	1891	1894	rBV	16205807	23875902	27.02%	2.644%
9	14.251	1894	1898	1906	rVB	9191909	12432580	14.07%	1.377%
10	14.469	1930	1935	1941	rVB2	3442964	5207972	5.89%	0.577%
11	14.539	1941	1947	1951	rBV3	1379849	2322085	2.63%	0.257%
12	14.698	1966	1974	1978	rBV	6956532	11859887	13.42%	1.313%
13	14.792	1985	1990	1997	rBV2	1981333	3247118	3.67%	0.360%
14	14.892	2002	2007	2008	rBV2	1899673	2219505	2.51%	0.246%
15	14.974	2009	2021	2024	rVB	9798060	24295536	27.49%	2.691%
16	15.086	2037	2040	2047	rVV	1411811	1813805	2.05%	0.201%
17	15.963	2180	2189	2194	rVV	5745532	9002699	10.19%	0.997%
18	16.133	2214	2218	2222	rVB	1595810	2091097	2.37%	0.232%
19	16.192	2222	2228	2232	rBV	21518115	33390402	37.78%	3.698%
20	16.257	2236	2239	2243	rVB	3522341	4083958	4.62%	0.452%
21	16.298	2243	2246	2249	rBV	1950333	2231799	2.53%	0.247%
22	16.433	2262	2269	2272	rVV	3696412	5773337	6.53%	0.639%
23	16.504	2276	2281	2283	rBV	1878641	3292420	3.73%	0.365%
24	16.545	2283	2288	2291	rVV	18021443	25674622	29.05%	2.843%
25	16.580	2291	2294	2297	rVV	2837735	3061114	3.46%	0.339%
26	16.663	2297	2308	2311	rVV2	10764845	27696324	31.34%	3.067%
27	16.692	2311	2313	2319	rVV	5149875	8736443	9.89%	0.968%
28	16.762	2323	2325	2328	rVB	2245696	2395072	2.71%	0.265%
29	16.798	2328	2331	2336	rVB3	1441479	1585901	1.79%	0.176%
30	16.857	2337	2341	2345	rVB	2454109	3282492	3.71%	0.364%
31	16.962	2357	2359	2364	rVB	1530556	1880877	2.13%	0.208%
32	17.021	2364	2369	2371	rBV	2269161	3793096	4.29%	0.420%
33	17.127	2384	2387	2393	rVB2	1378117	1740952	1.97%	0.193%
34	17.215	2394	2402	2406	rBV	3100813	5249070	5.94%	0.581%
35	17.262	2406	2410	2421	rVB2	1058281	2247373	2.54%	0.249%
36	17.810	2497	2503	2508	rBV	21270887	31912734	36.11%	3.534%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

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-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.862	2508	2512	2514	rVV	4803918	7227702	8.18%	0.800%
38	17.892	2514	2517	2523	rVB	9318682	11986821	13.56%	1.327%
39	18.021	2529	2539	2543	rBV2	6276939	12024862	13.61%	1.332%
40	18.062	2543	2546	2549	rVV2	2412716	3919728	4.44%	0.434%
41	18.109	2549	2554	2557	rVV	17709345	29671022	33.57%	3.286%
42	18.168	2557	2564	2569	rVV2	19028107	46055723	52.11%	5.100%
43	18.227	2569	2574	2579	rVB	5894711	9878417	11.18%	1.094%
44	18.280	2579	2583	2587	rBV	3999298	5910553	6.69%	0.655%
45	18.362	2594	2597	2601	rVB	2925896	3713776	4.20%	0.411%
46	18.409	2601	2605	2612	rVB	4576679	9397100	10.63%	1.041%
47	18.498	2617	2620	2627	rVB2	2161254	4486537	5.08%	0.497%
48	18.680	2648	2651	2655	rVV	2700798	2994743	3.39%	0.332%
49	18.892	2684	2687	2691	rBV	1188824	1854400	2.10%	0.205%
50	19.192	2732	2738	2742	rBV	16716955	26681691	30.19%	2.955%
51	19.233	2742	2745	2748	rVV	3608583	3150906	3.57%	0.349%
52	19.345	2751	2764	2769	rBV5	21912389	88375951	100.00%	9.787%
53	19.439	2775	2780	2784	rBV	18887108	32414650	36.68%	3.590%
54	19.474	2784	2786	2790	rVB	6280627	7171262	8.11%	0.794%
55	19.527	2790	2795	2798	rVB	4527978	5844514	6.61%	0.647%
56	19.568	2798	2802	2807	rBV2	3186918	4669004	5.28%	0.517%
57	19.627	2808	2812	2815	rBV	3459887	4442263	5.03%	0.492%
58	19.809	2840	2843	2845	rVV	3073463	3636289	4.11%	0.403%
59	19.845	2845	2849	2854	rVB	11237875	13759630	15.57%	1.524%
60	19.956	2865	2868	2873	rVB2	1308612	2226681	2.52%	0.247%
61	20.027	2877	2880	2883	rBV	1696216	1746934	1.98%	0.193%
62	20.333	2927	2932	2935	rBV	12777451	16109374	18.23%	1.784%
63	20.368	2935	2938	2945	rVB	4493787	7837861	8.87%	0.868%
64	20.468	2949	2955	2956	rVV2	3321266	4959369	5.61%	0.549%
65	20.492	2956	2959	2962	rVV2	5351741	7644180	8.65%	0.847%
66	20.539	2962	2967	2970	rVV	12758617	18744367	21.21%	2.076%
67	20.568	2970	2972	2976	rVV	6373397	8778419	9.93%	0.972%
68	20.609	2976	2979	2982	rVV2	3810780	4872688	5.51%	0.540%
69	20.645	2982	2985	2990	rVV2	3217064	5818487	6.58%	0.644%
70	20.692	2990	2993	2996	rVV	3929343	5577240	6.31%	0.618%
71	20.733	2996	3000	3004	rVB	2348016	3980088	4.50%	0.441%
72	20.880	3022	3025	3028	rVB	1352383	1617434	1.83%	0.179%
73	20.968	3036	3040	3043	rBV	1751742	1936943	2.19%	0.215%
74	21.150	3069	3071	3085	rVB	1622336	2945472	3.33%	0.326%
75	21.315	3094	3099	3102	rBV	7670692	9351351	10.58%	1.036%
76	21.345	3102	3104	3109	rVV	3354725	4999351	5.66%	0.554%

LSC Area Percent Report

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Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.392	3109	3112	3116	rVV	3313723	3864802	4.37%	0.428%
78	21.450	3119	3122	3125	rVV	3195641	4122932	4.67%	0.457%
79	21.492	3125	3129	3132	rVV	8245287	10569205	11.96%	1.170%
80	21.521	3132	3134	3139	rVV	4507378	6831482	7.73%	0.757%
81	21.609	3143	3149	3150	rVV2	1847480	3769447	4.27%	0.417%
82	21.633	3150	3153	3155	rVV	2841108	3630833	4.11%	0.402%
83	21.662	3155	3158	3162	rVB	2230928	2825764	3.20%	0.313%
84	21.750	3169	3173	3184	rVB	3674334	5825410	6.59%	0.645%
85	22.121	3232	3236	3245	rVB	2890176	4525467	5.12%	0.501%
86	22.268	3257	3261	3265	rVV	3543026	5112941	5.79%	0.566%
87	22.309	3265	3268	3274	rVB	1720775	2805564	3.17%	0.311%
88	22.415	3283	3286	3290	rBV	1974182	2769153	3.13%	0.307%
89	22.468	3290	3295	3299	rVV	4040020	6876587	7.78%	0.762%
90	22.503	3299	3301	3306	rVB2	1650912	2457326	2.78%	0.272%
91	22.627	3312	3322	3326	rBV3	2183886	5864252	6.64%	0.649%
92	22.668	3326	3329	3334	rVB	1129020	1640386	1.86%	0.182%
93	23.168	3409	3414	3420	rBV	2836123	5222448	5.91%	0.578%
94	23.421	3452	3457	3461	rBV	1728696	2920507	3.30%	0.323%
95	23.474	3462	3466	3476	rVB	1170490	2437562	2.76%	0.270%
96	23.603	3484	3488	3493	rBV	1230470	2267483	2.57%	0.251%
97	23.674	3496	3500	3505	rVV	1924234	3658280	4.14%	0.405%
98	23.739	3505	3511	3520	rVB3	2201997	5076022	5.74%	0.562%
99	25.121	3741	3746	3750	rBV2	855642	1970603	2.23%	0.218%
100	27.332	4107	4122	4142	rVB2	12804996	52778711	59.72%	5.845%

Sum of corrected areas: 902989845

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
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Instrument :
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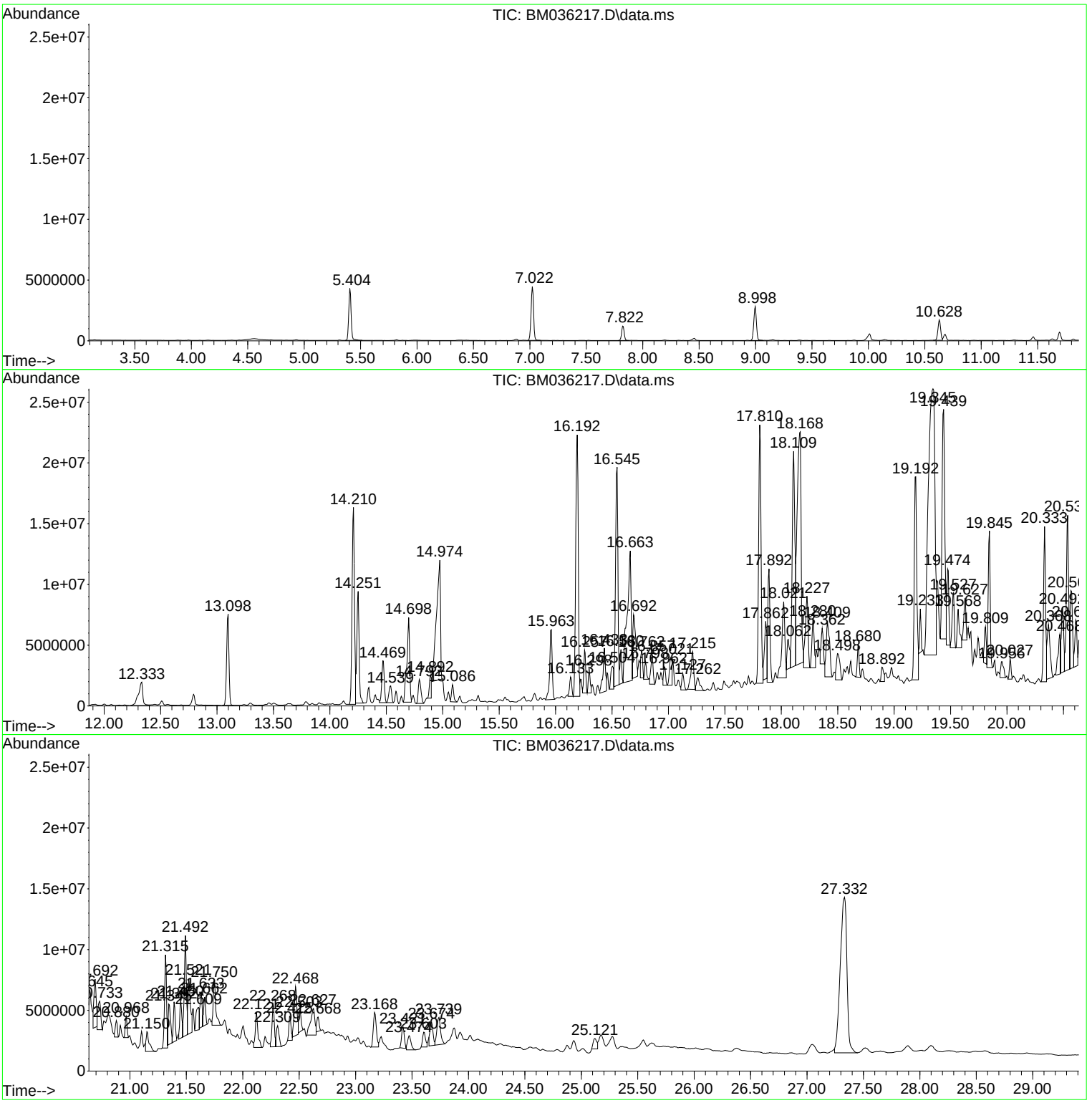
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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\BM081122\
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

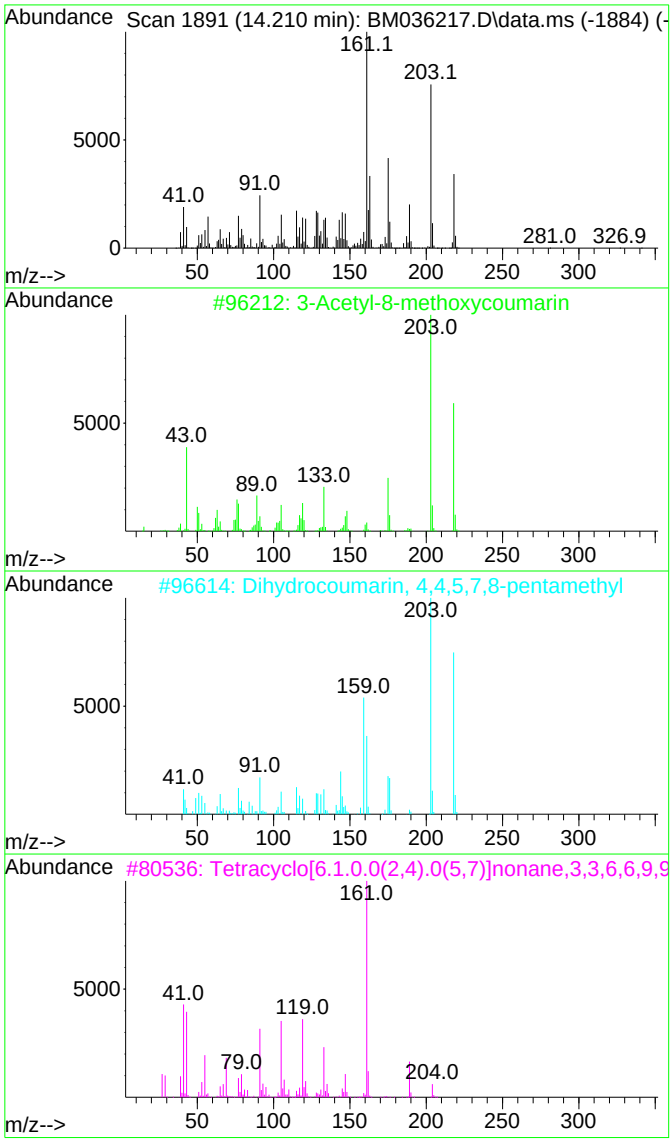
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

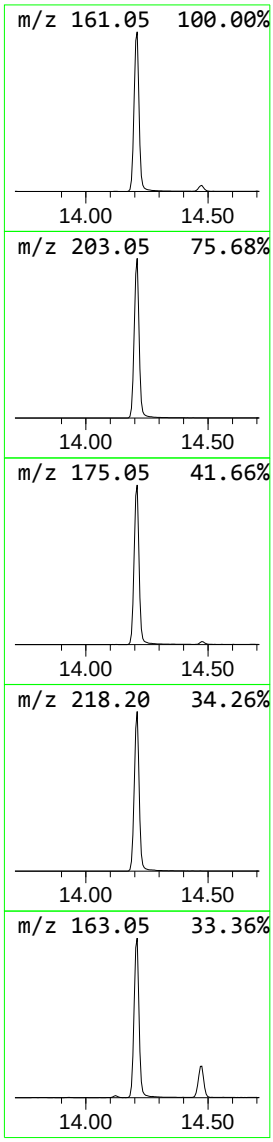
****

Peak Number 1 unknown14.210 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.210	91.69 ng	23875900	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Acetyl-8-methoxycoumarin	218	C12H10O4	005452-39-1	49
2	Dihydrocoumarin, 4,4,5,7,8-penta...	218	C14H18O2	039170-97-3	43
3	Tetracyclo[6.1.0.0(2,4).0(5,7)]n...	204	C15H24	051898-92-1	42
4	Azulene, 1,2,3,3a,4,5,6,7-octahy...	204	C15H24	022567-17-5	42
5	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

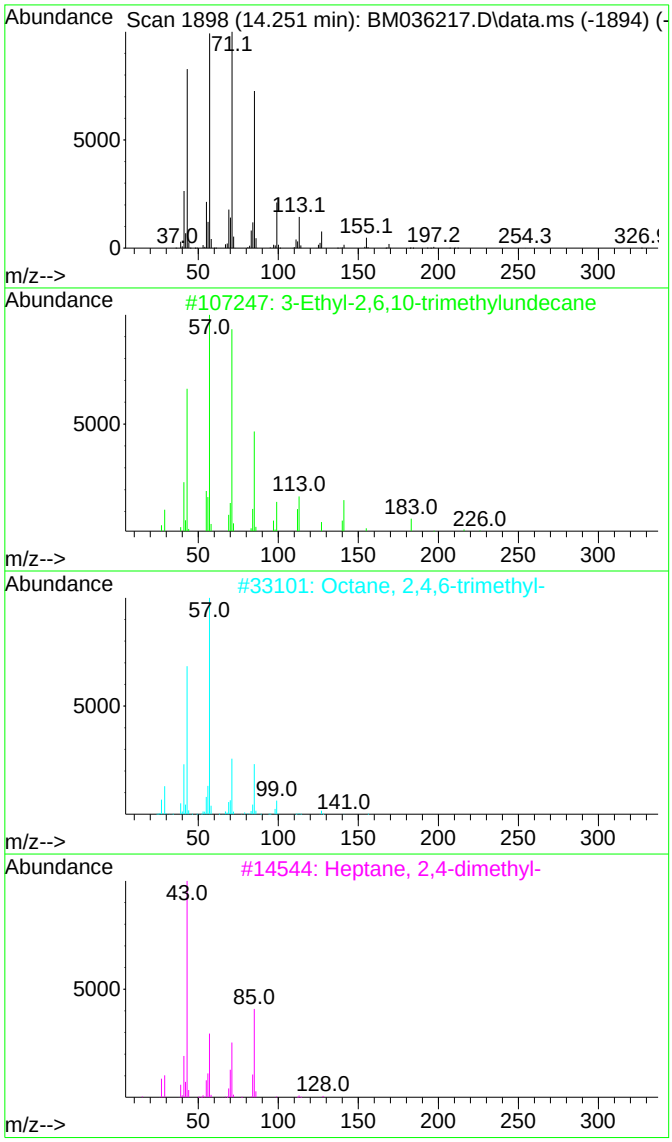
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

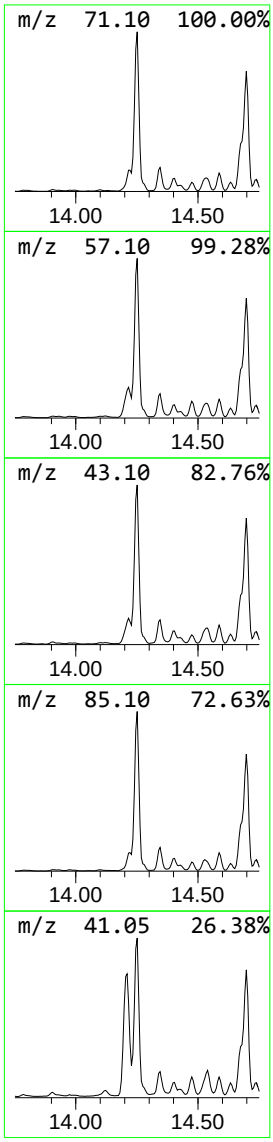
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Ethyl-2,6,10-trimethylund... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.251	47.74 ng	12432600	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	72
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	53
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	52





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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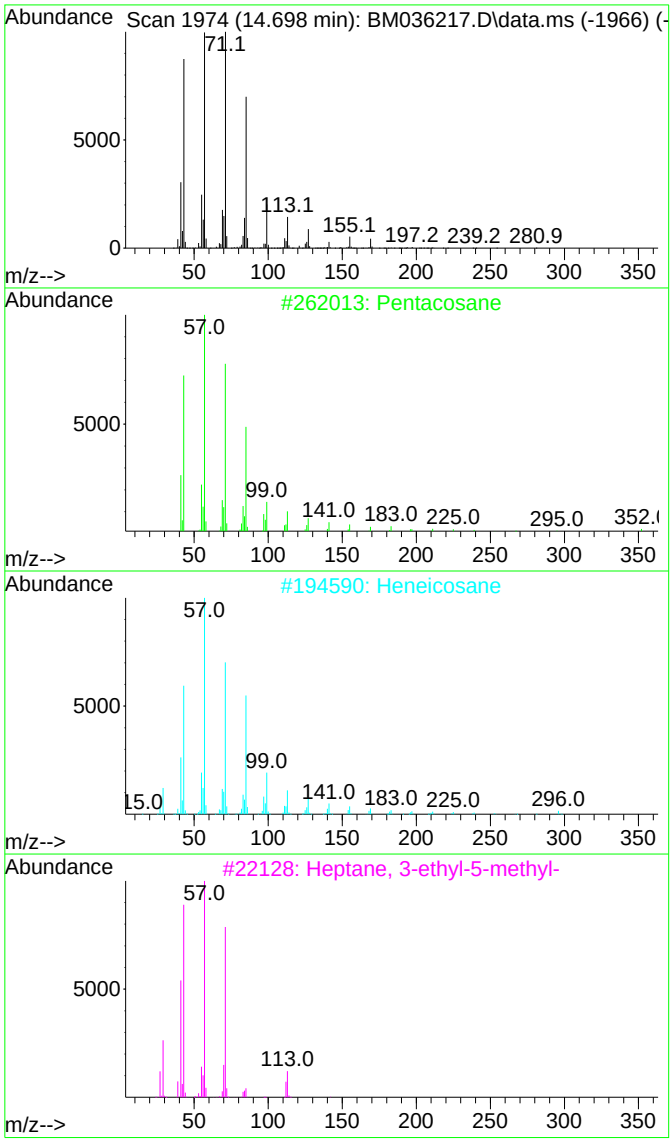
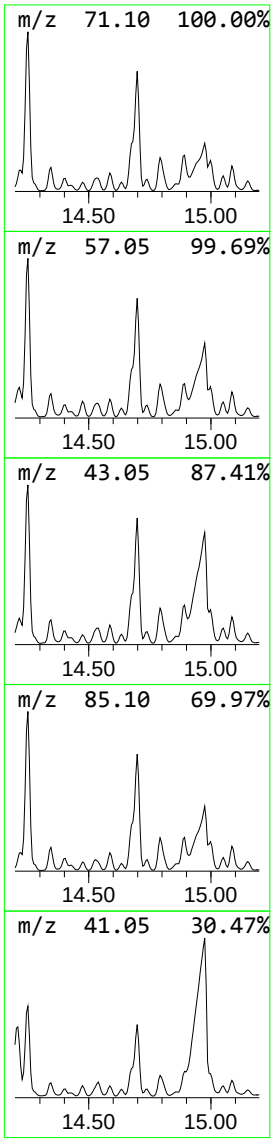
Peak Number 3 Pentacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.698	45.55 ng	11859900	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	60
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59





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Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
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Sample : N4102-03
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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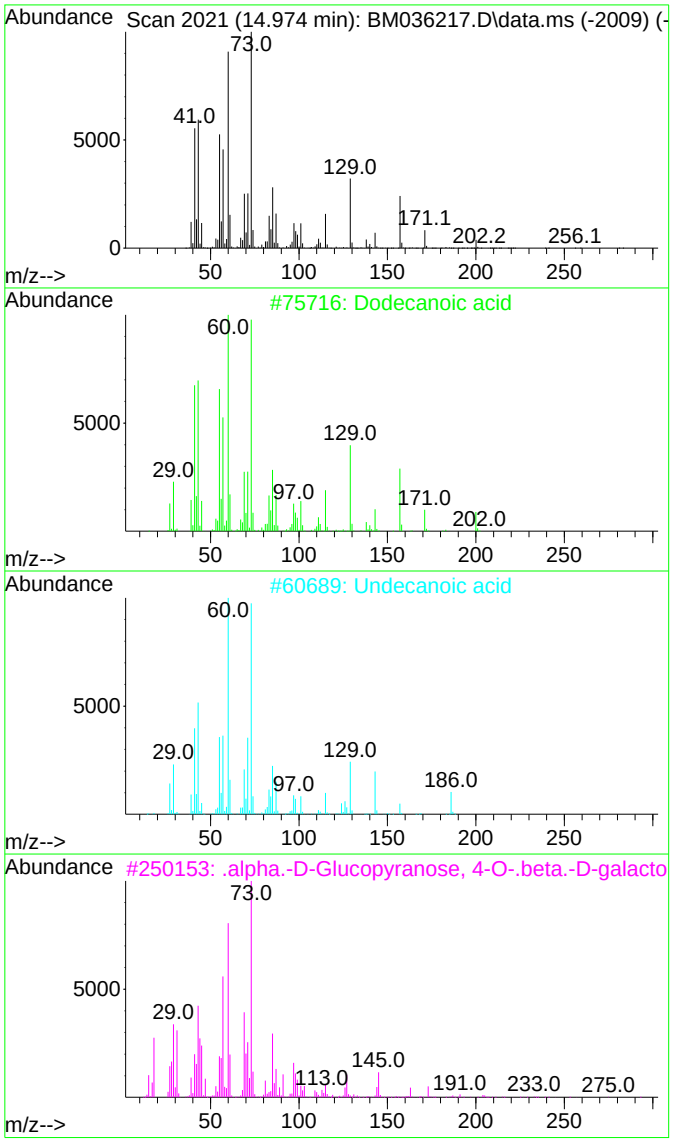
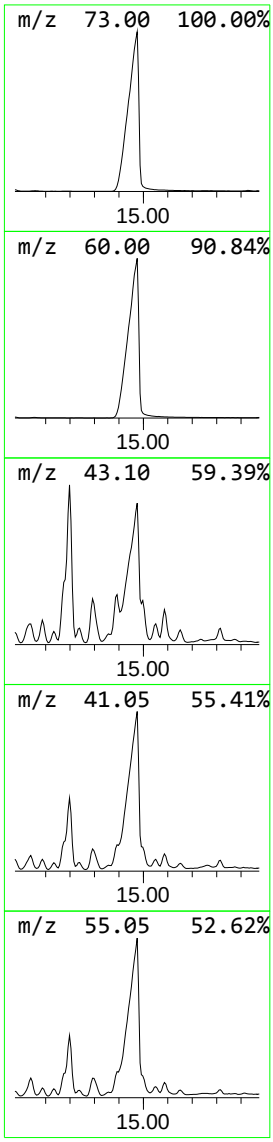
Peak Number 4 Dodecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.974	93.30 ng	24295500	Acenaphthene-d10	14.469

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	72
3	.alpha.-D-Glucopyranose, 4-O-.be...	342	C12H22O11	014641-93-1	47
4	Nonanoic acid	158	C9H18O2	000112-05-0	46
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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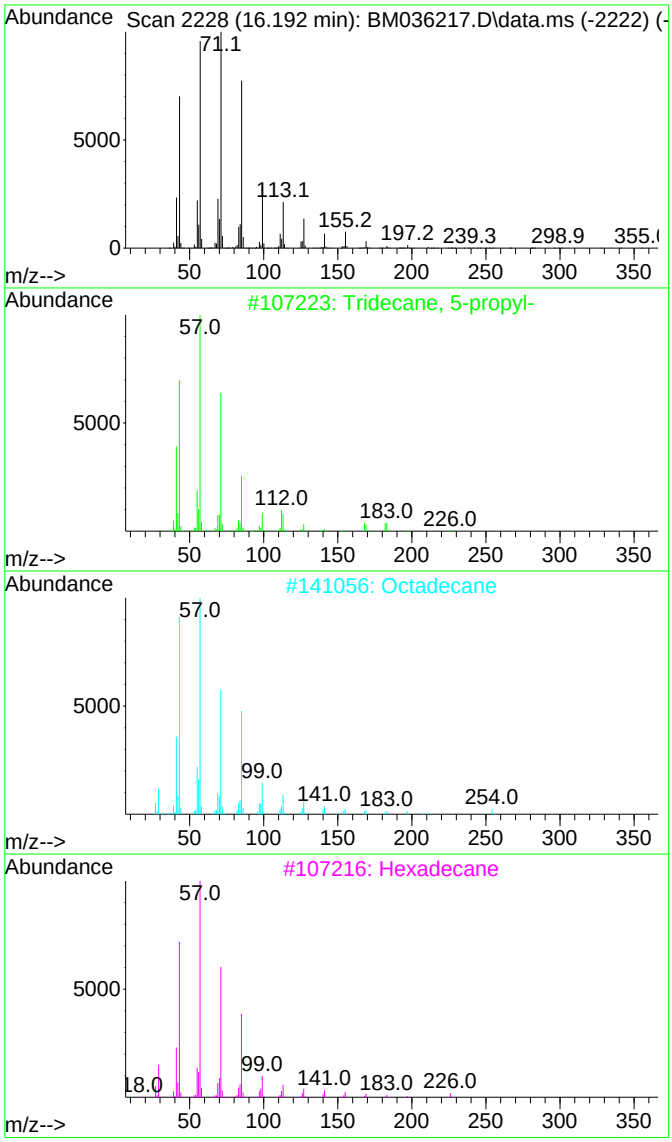
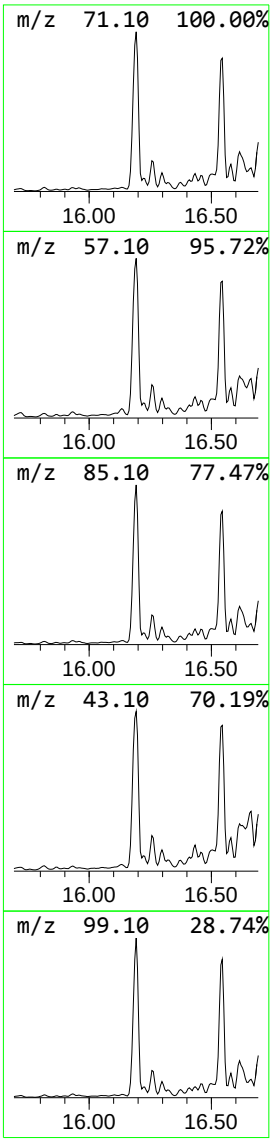
Peak Number 5 Tridecane, 5-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.192	127.22 ng	33390400	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	94
2	Octadecane	254	C18H38	000593-45-3	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
5	Heneicosane	296	C21H44	000629-94-7	72





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Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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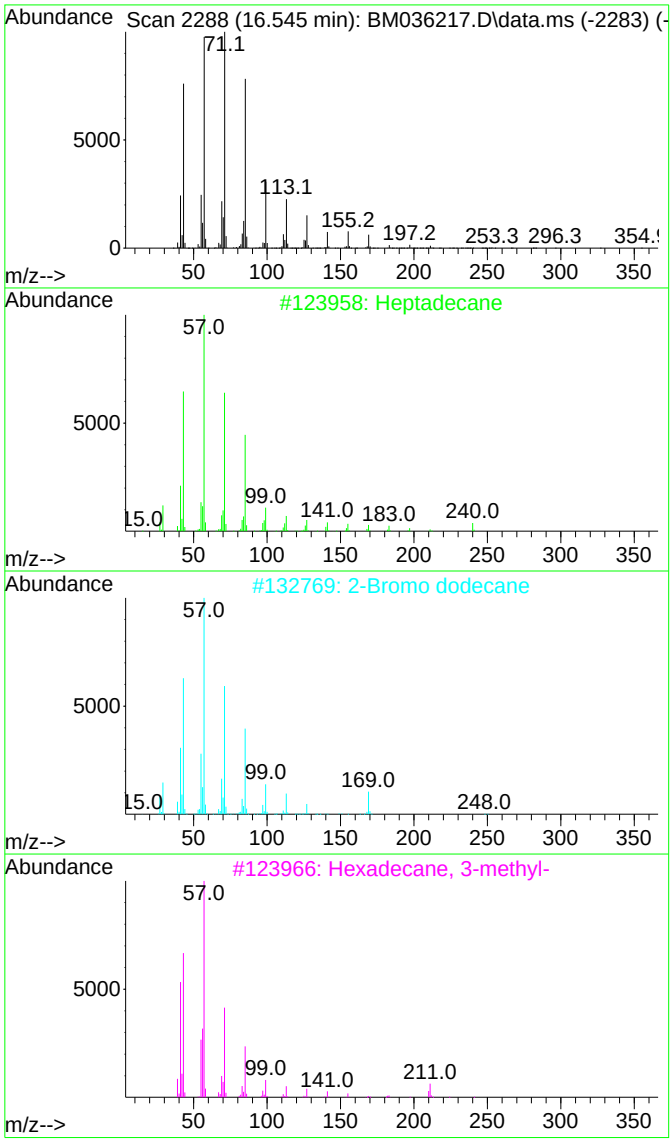
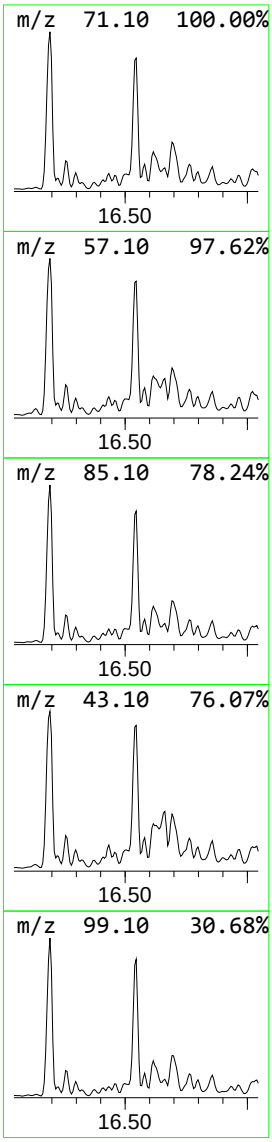
Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.545	97.83 ng	25674600	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	87
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	72
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64





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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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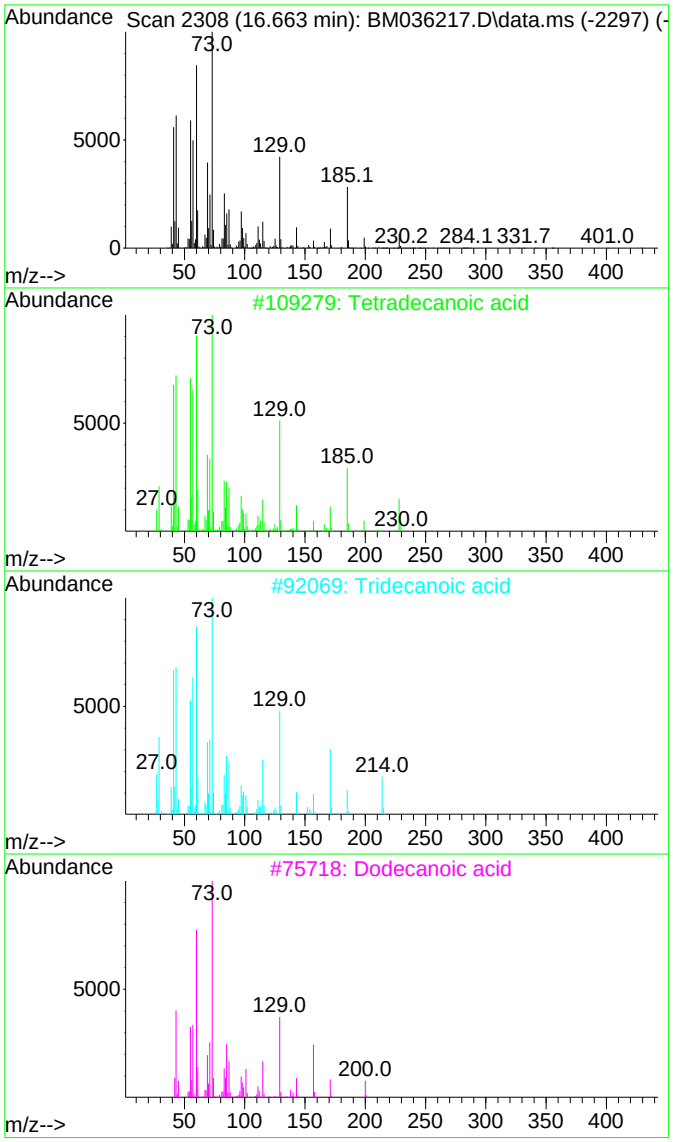
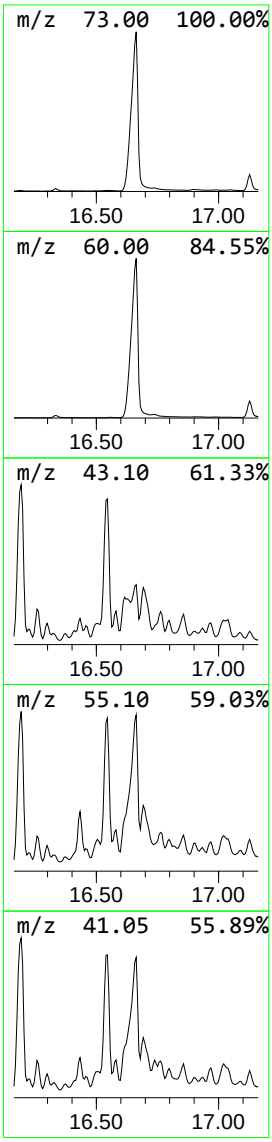
Peak Number 7 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.663	105.53 ng	27696300	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	92
2	Tridecanoic acid	214	C13H26O2	000638-53-9	74
3	Dodecanoic acid	200	C12H24O2	000143-07-7	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	59
5	8-Methylnonanoic acid	172	C10H20O2	005963-14-4	50





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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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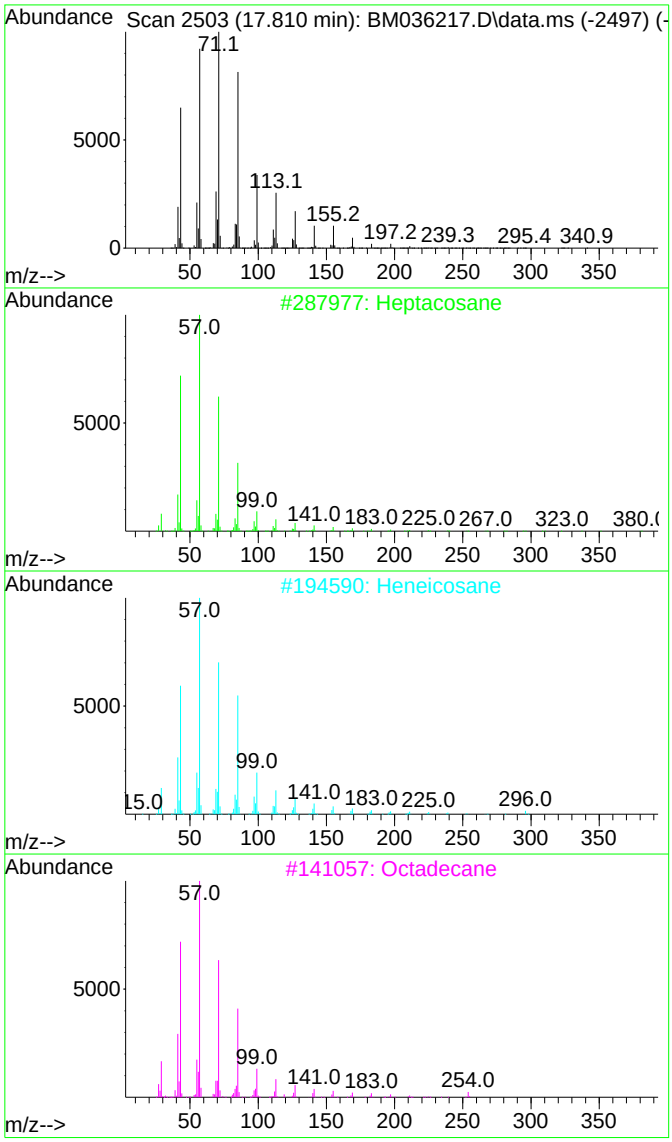
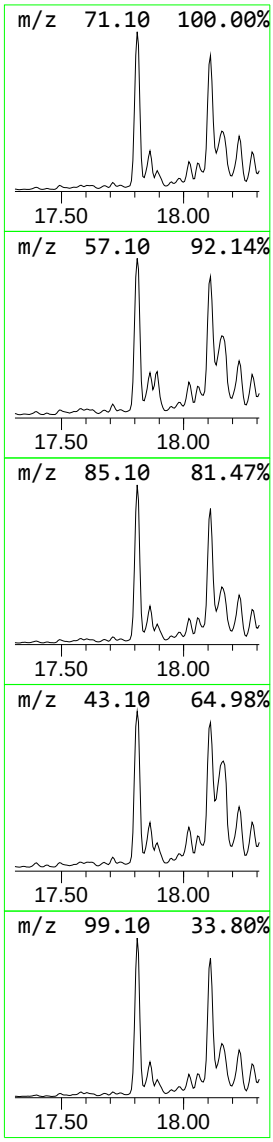
Peak Number 8 Heptacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.810	121.59 ng	31912700	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Heneicosane	296	C21H44	000629-94-7	83
3	Octadecane	254	C18H38	000593-45-3	83
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	83
5	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	78





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

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

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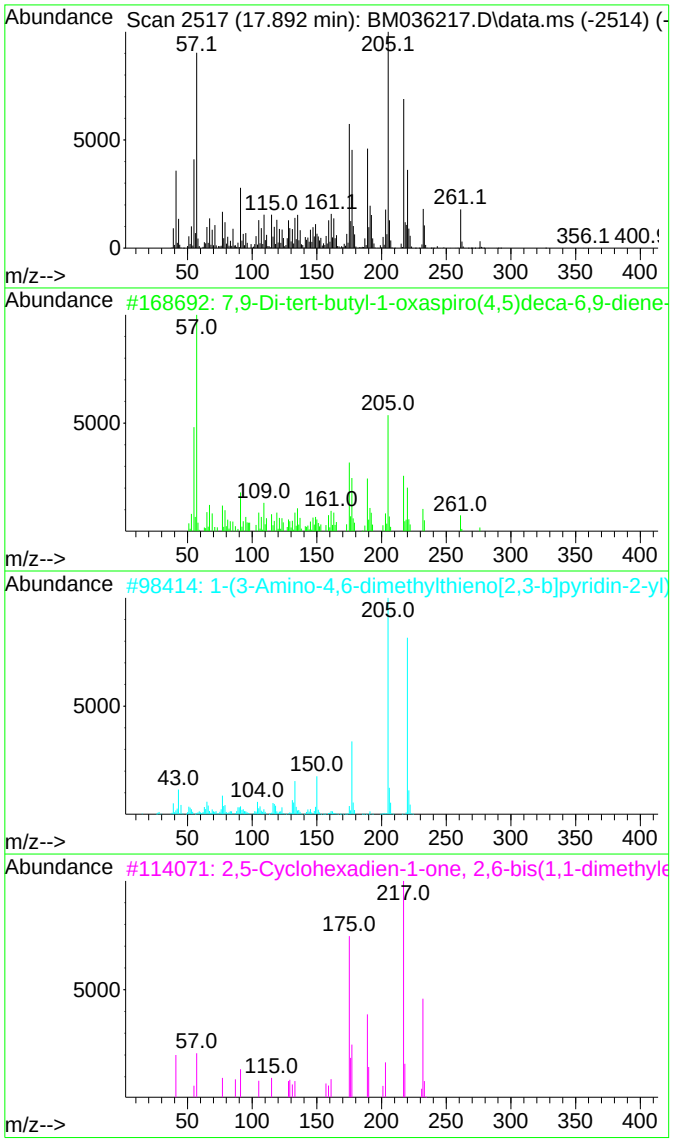
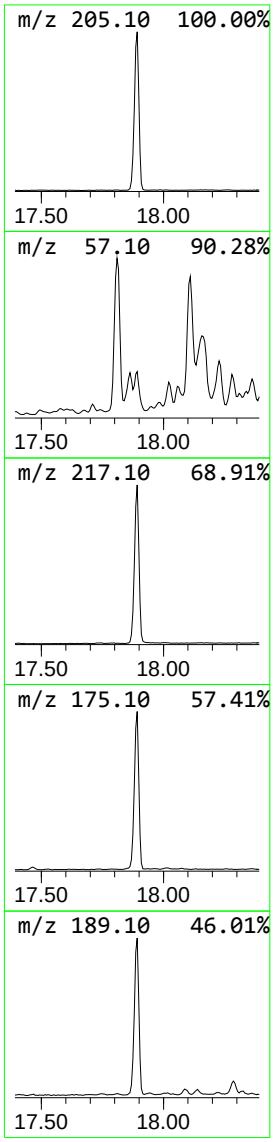
Peak Number 9 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	45.67 ng	11986800	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	1-(3-Amino-4,6-dimethylthieno[2,...	220	C11H12N2OS	052505-42-7	50
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	49
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45





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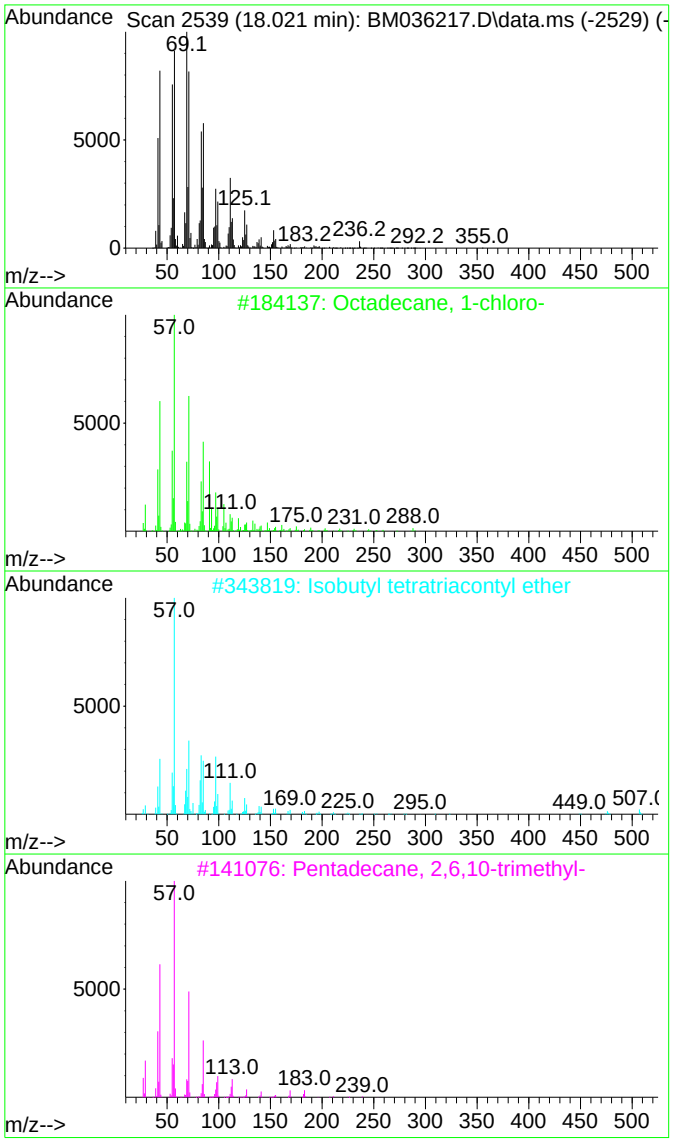
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

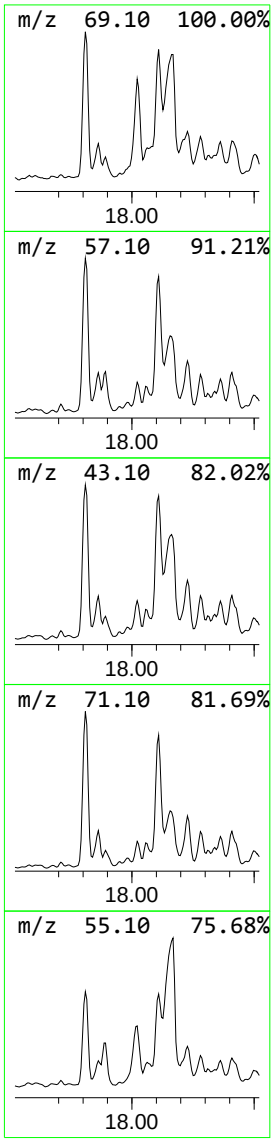
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Octadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.021	45.82 ng	12024900	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	53
2	Isobutyl tetratriacontyl ether	551	C38H78O	1000406-33-7	52
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	50
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	49
5	2-Undecene, 4,5-dimethyl-, [R*,S...	182	C13H26	055170-93-9	46





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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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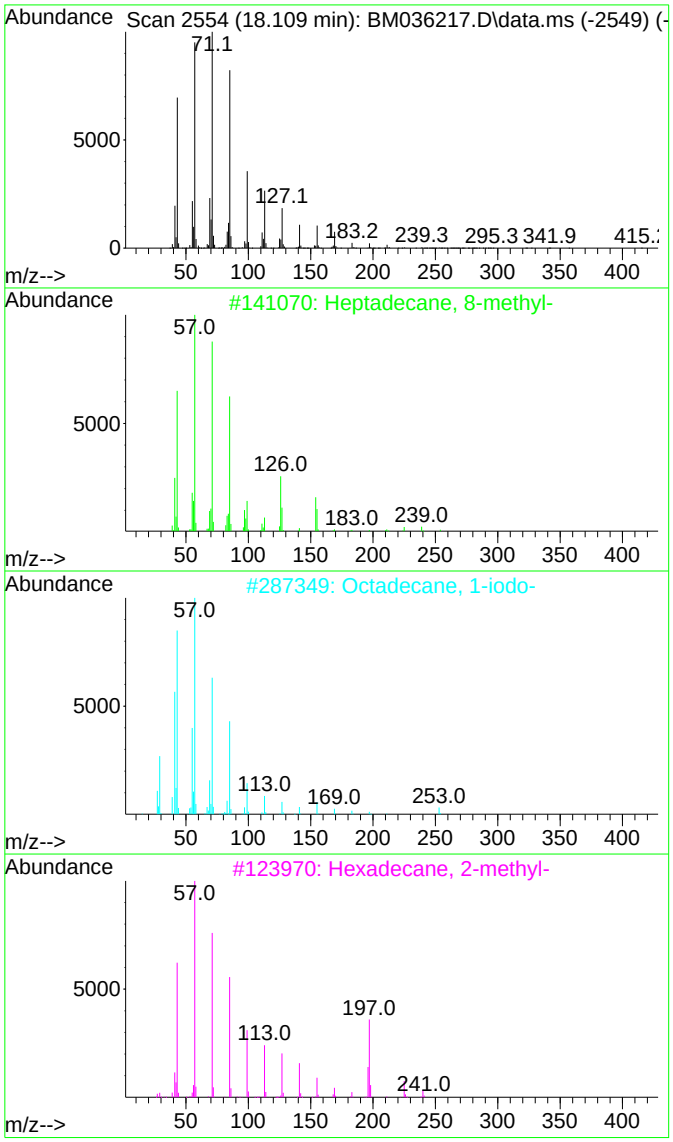
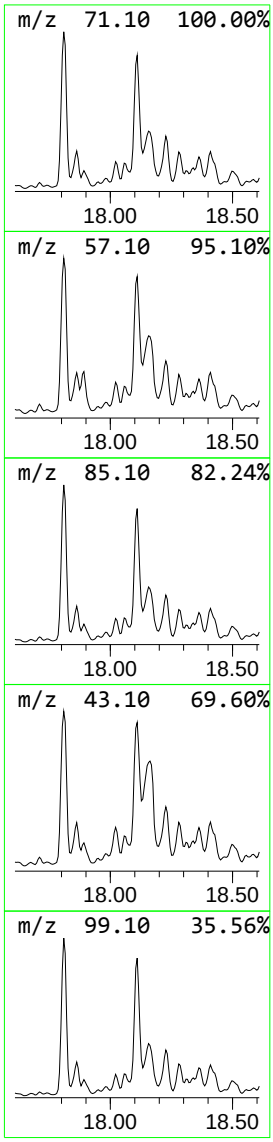
Peak Number 11 Heptadecane, 8-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	113.05 ng	29671000	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	52





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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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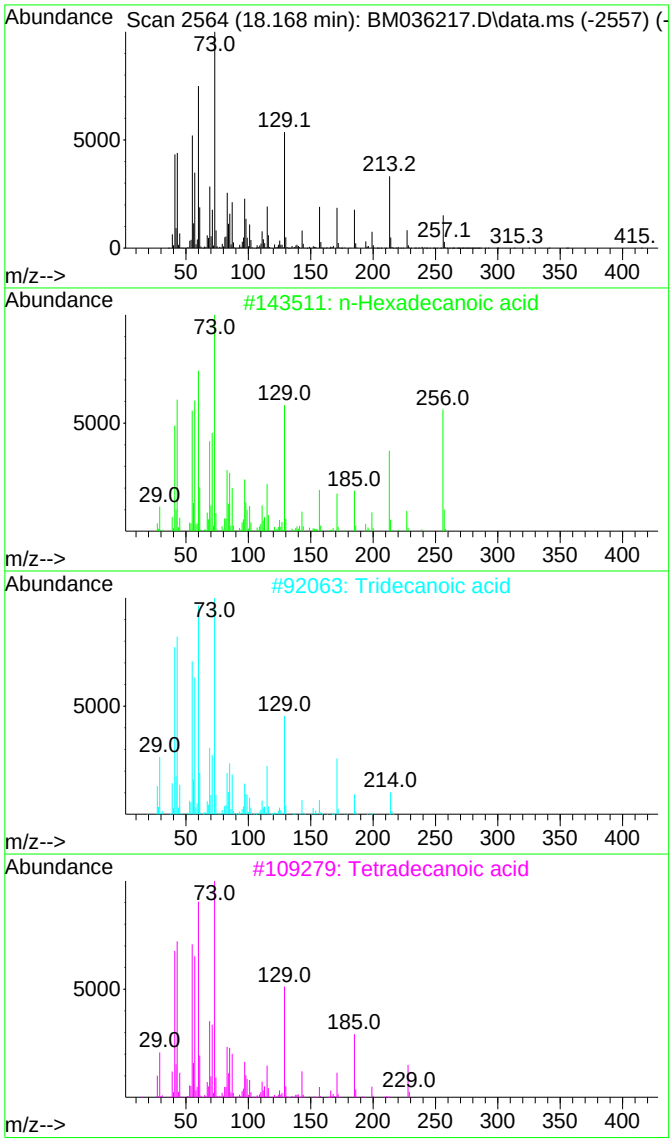
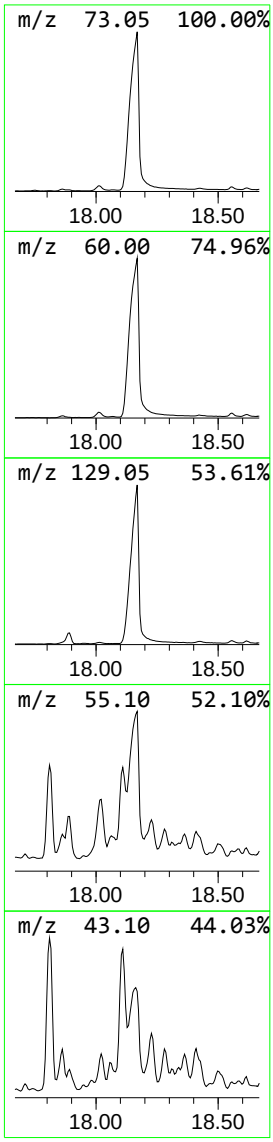
Peak Number 12 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	175.48 ng	46055700	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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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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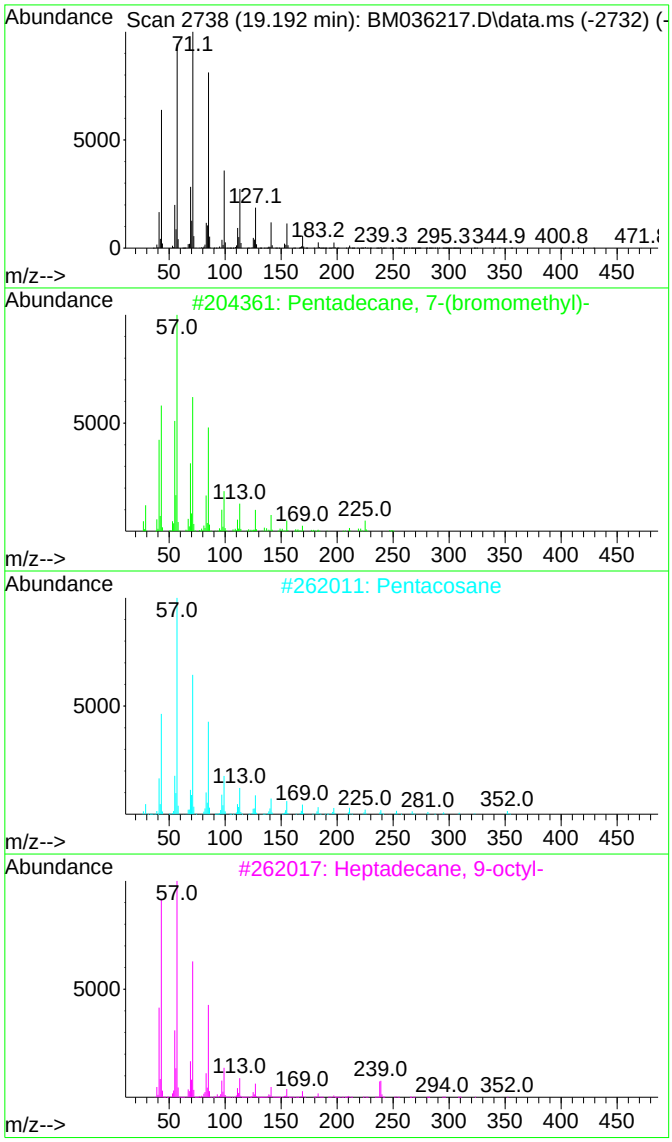
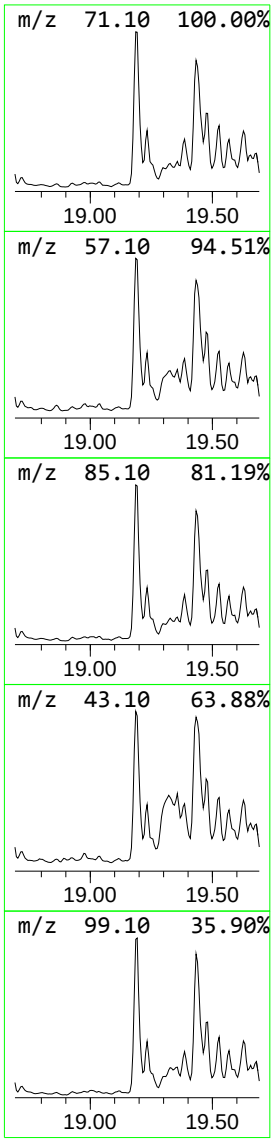
Peak Number 13 Pentadecane, 7-(bromomethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.192	101.66 ng	26681700	Phenanthrene-d10	17.215

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	78
2	Pentacosane	352	C25H52	000629-99-2	78
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	72
4	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	59
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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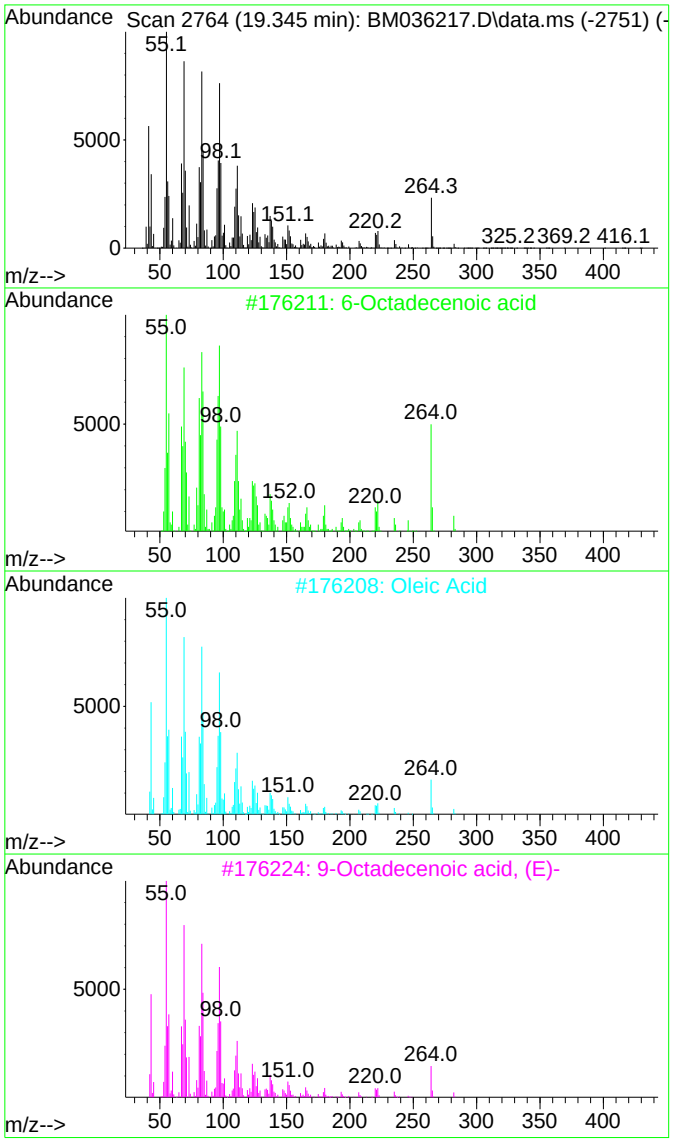
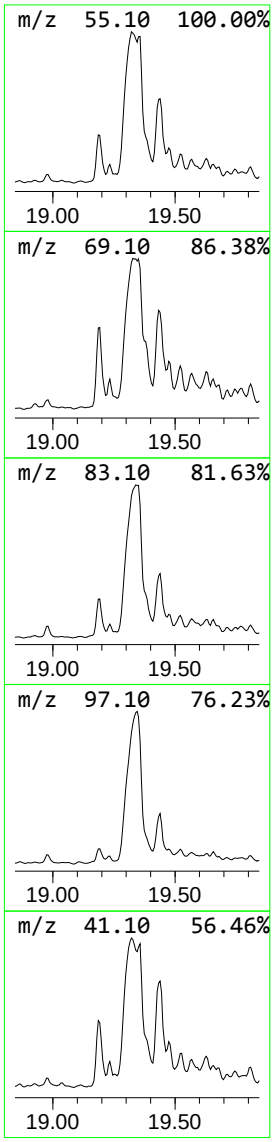
Peak Number 14 6-Octadecenoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	457.34 ng	88376000	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	99
2	Oleic Acid	282	C18H34O2	000112-80-1	97
3	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
4	9-Octadecenoic acid	282	C18H34O2	002027-47-6	91
5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	86





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TIC Library : C:\Database\NIST20.L
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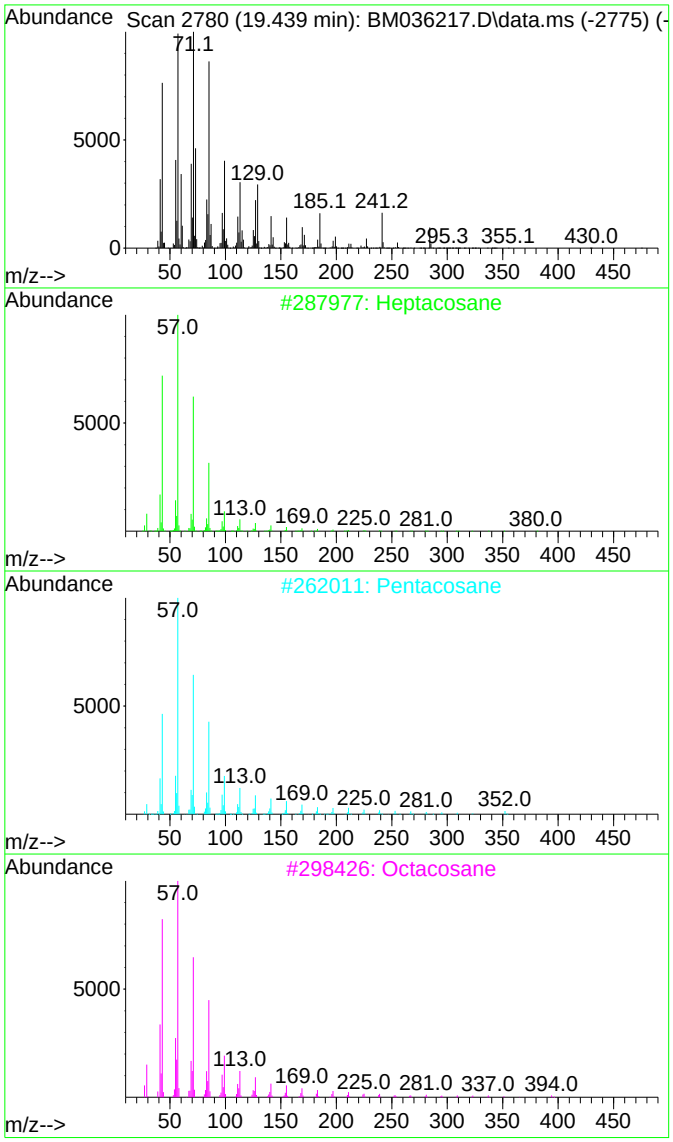
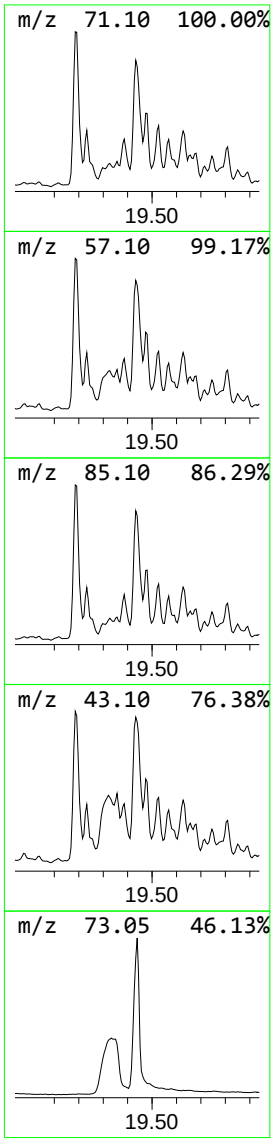
Peak Number 15 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	167.74 ng	32414700	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	76
2	Pentacosane	352	C25H52	000629-99-2	68
3	Octacosane	394	C28H58	000630-02-4	68
4	Triacontane	422	C30H62	000638-68-6	64
5	Pentadecane, 7-(bromomethyl)-	304	C16H33Br	052997-43-0	64





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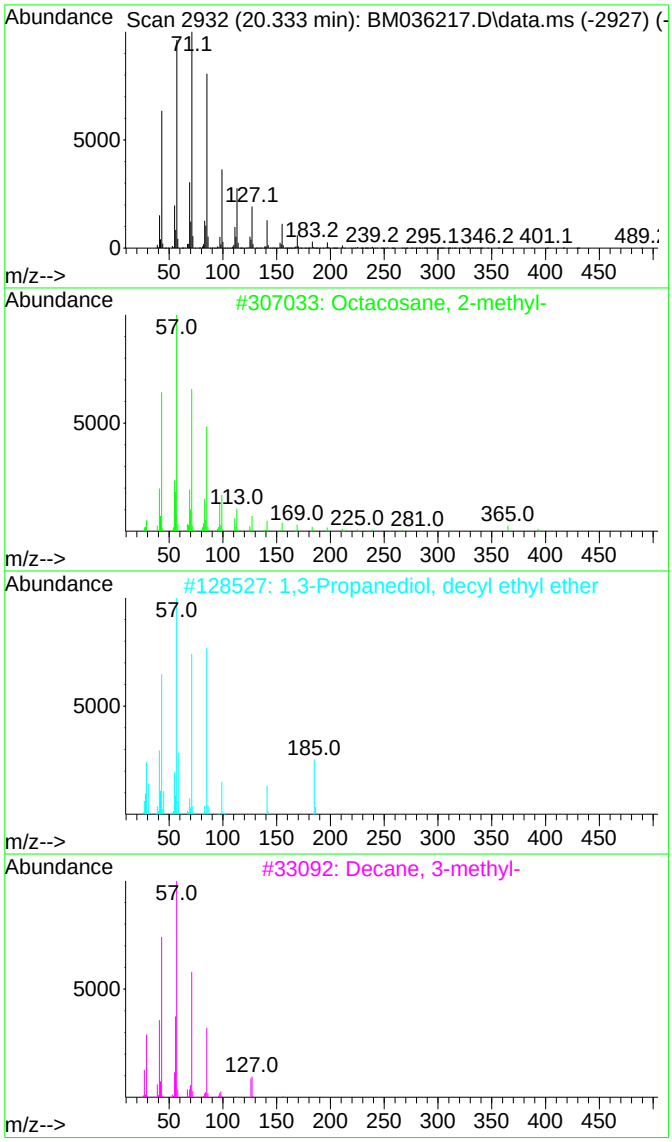
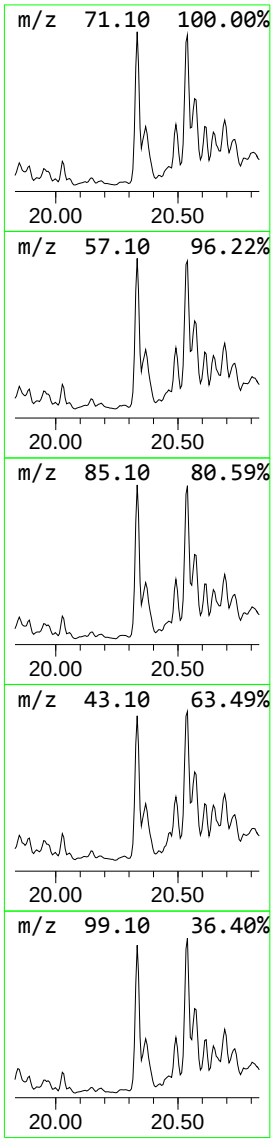
Peak Number 16 Octacosane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	83.36 ng	16109400	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	64
2	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	53
3	Decane, 3-methyl-	156	C11H24	013151-34-3	52
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50
5	Succinic acid, 2,4,6-trichloroph...	380	C15H15Cl3O5	1000390-72-7	50





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Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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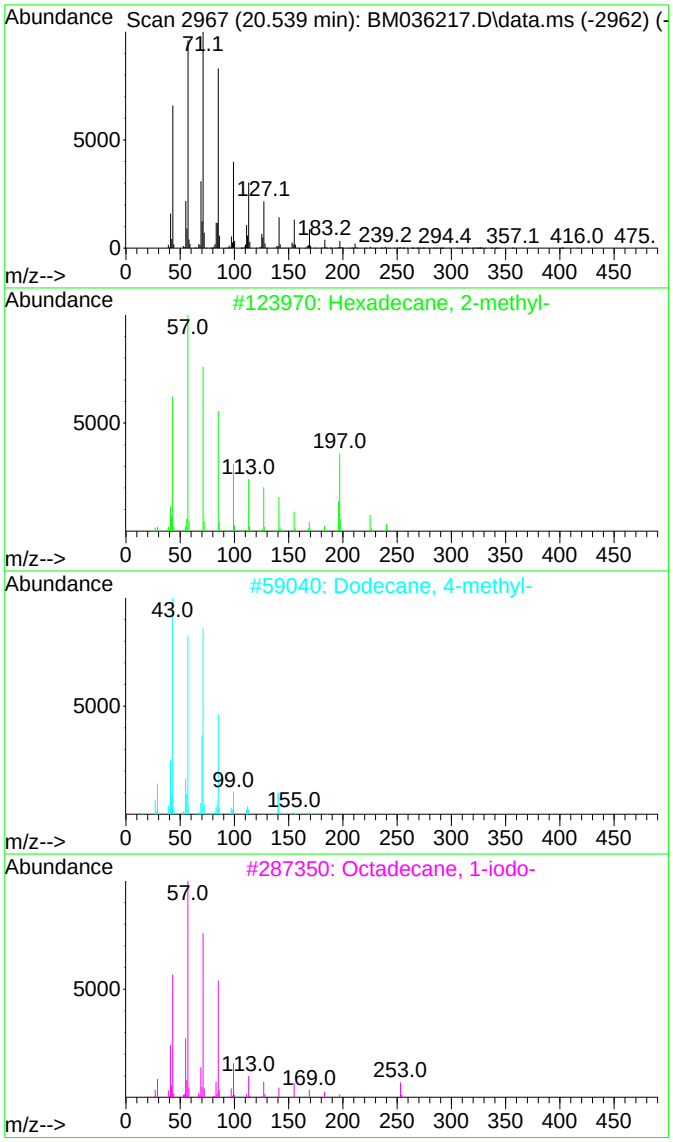
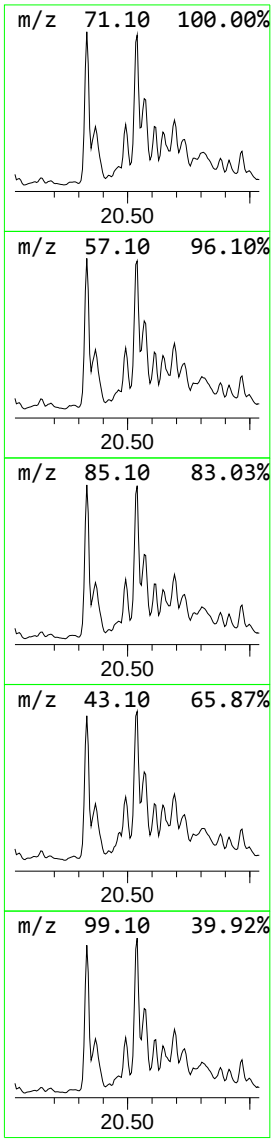
Peak Number 17 Hexadecane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	97.00 ng	18744400	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

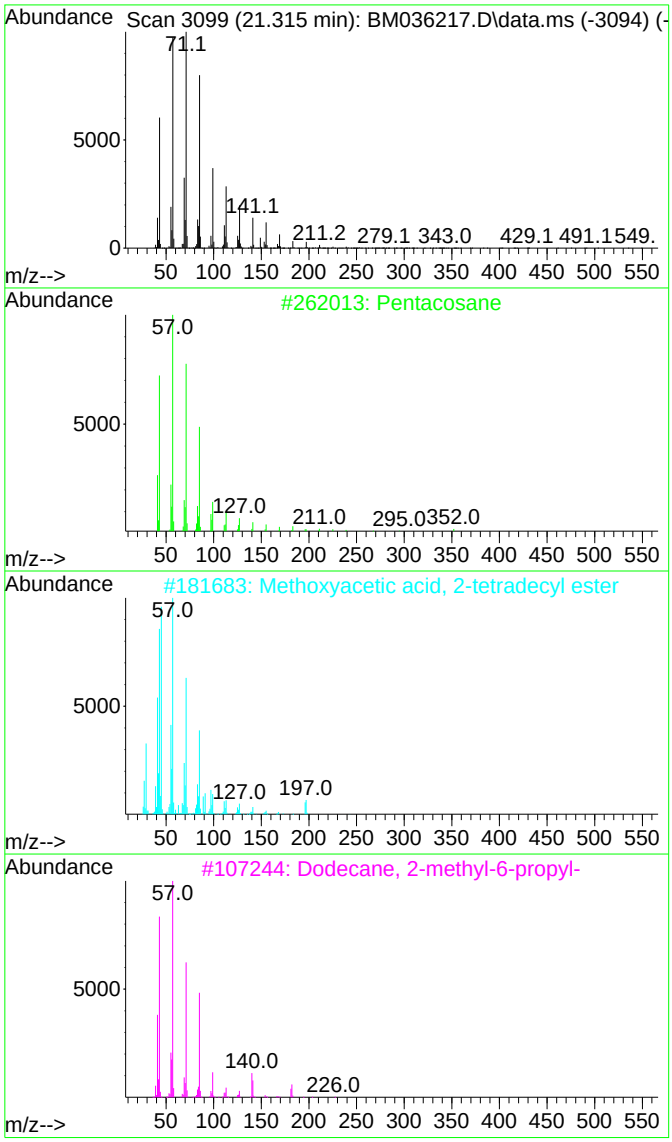
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

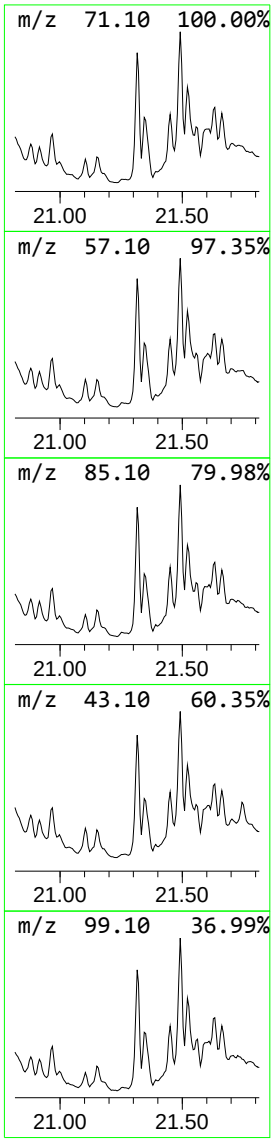
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Methoxyacetic acid, 2-tetra... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.315	48.39 ng	9351350	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	83
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
4	Vinyl decanoate	198	C12H22O2	004704-31-8	53
5	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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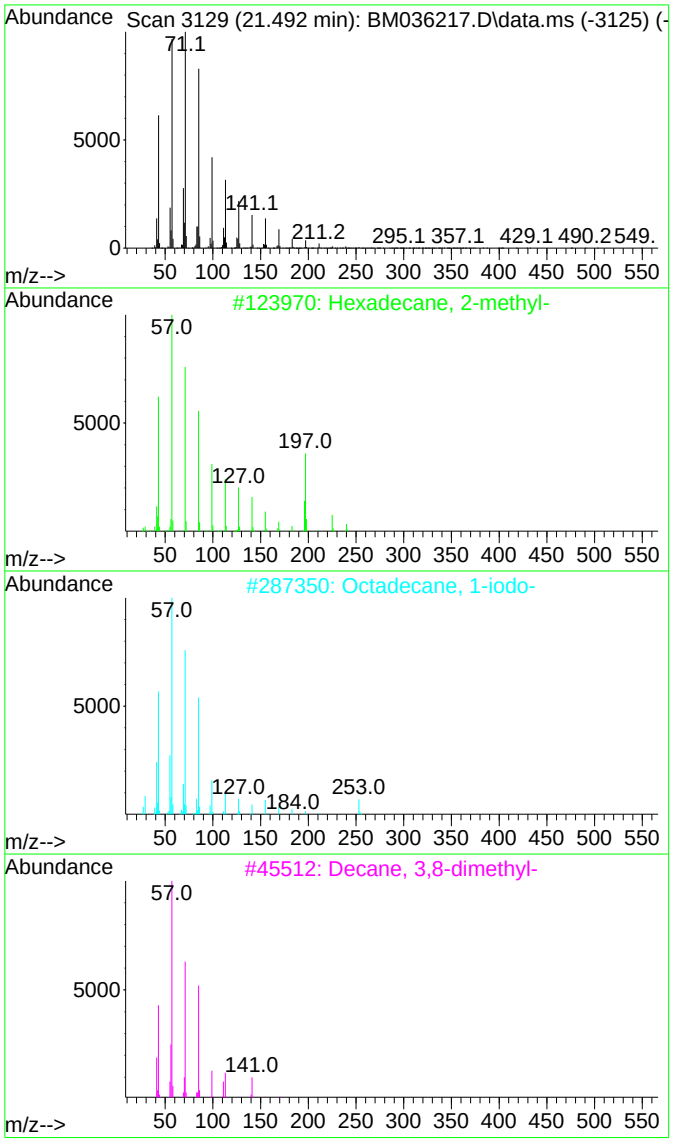
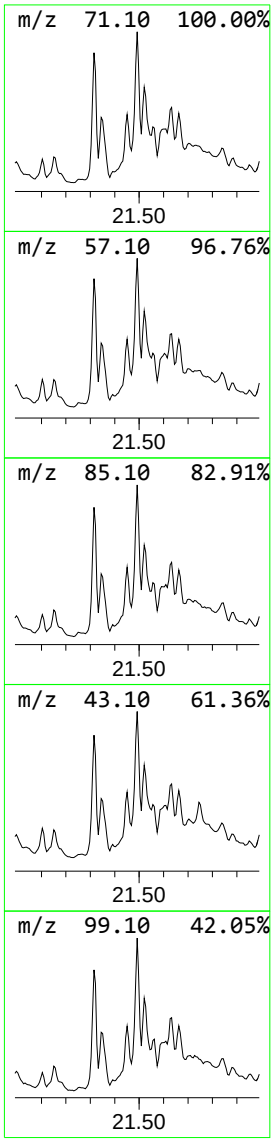
Peak Number 19 Octadecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.492	54.69 ng	10569200	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	72
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
4	1,3-Propanediol, decyl ethyl ether	244	C15H32O2	1000406-35-0	50
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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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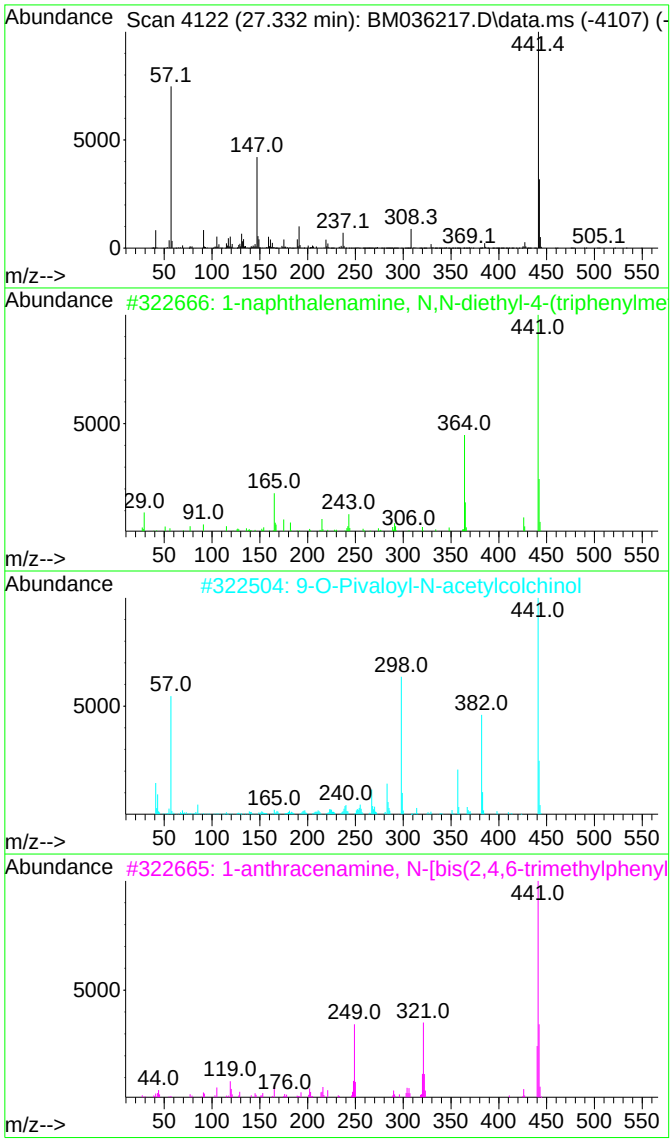
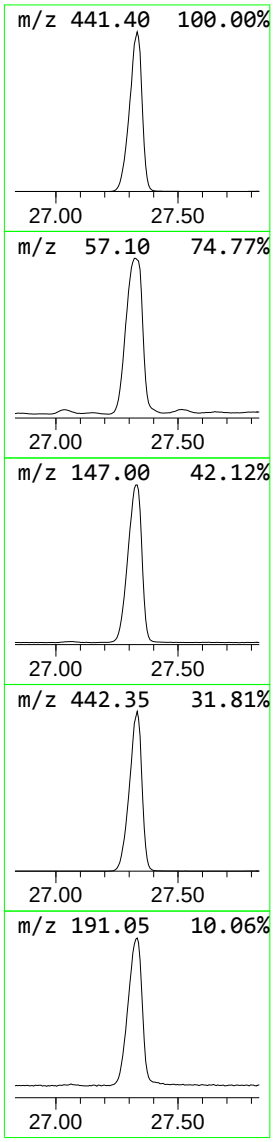
Peak Number 20 unknown27.332 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.332	207.95 ng	52778700	Perylene-d12	23.738

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-naphthalenamine, N,N-diethyl-4...	441	C33H31N	1000399-30-2	43
2	9-O-Pivaloyl-N-acetylcolchinol	441	C25H31NO6	1000127-10-7	43
3	1-anthracenamine, N-[bis(2,4,6-t...	441	C32H32BN	1000399-30-0	37
4	Silane, diethyldecyloxypentadecy...	470	C29H62O2Si	1000363-96-6	25
5	4,4'-(1,3-Dimethylbutylidene)bis...	498	C30H50O2Si2	1000462-86-3	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036217.D
Acq On : 11 Aug 2022 19:59
Operator : CG/JU
Sample : N4102-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FILTER-DRUM-0808

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.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
unknown14.210	14.210	91.7	ng	23875900	3	14.469	5207970	20.0
3-Ethyl-2,6,10-...	14.251	47.7	ng	12432600	3	14.469	5207970	20.0
Pentacosane	14.698	45.5	ng	11859900	3	14.469	5207970	20.0
Dodecanoic acid	14.974	93.3	ng	24295500	3	14.469	5207970	20.0
Tridecane, 5-pr...	16.192	127.2	ng	33390400	4	17.215	5249070	20.0
Heptadecane	16.545	97.8	ng	25674600	4	17.215	5249070	20.0
Tetradecanoic acid	16.663	105.5	ng	27696300	4	17.215	5249070	20.0
Heptacosane	17.810	121.6	ng	31912700	4	17.215	5249070	20.0
7,9-Di-tert-but...	17.892	45.7	ng	11986800	4	17.215	5249070	20.0
Octadecane, 1-c...	18.021	45.8	ng	12024900	4	17.215	5249070	20.0
Heptadecane, 8-...	18.110	113.1	ng	29671000	4	17.215	5249070	20.0
n-Hexadecanoic ...	18.168	175.5	ng	46055700	4	17.215	5249070	20.0
Pentadecane, 7-...	19.192	101.7	ng	26681700	4	17.215	5249070	20.0
6-Octadecenoic ...	19.345	457.3	ng	88376000	5	21.392	3864800	20.0
Octacosane	19.439	167.7	ng	32414700	5	21.392	3864800	20.0
Octacosane, 2-m...	20.333	83.4	ng	16109400	5	21.392	3864800	20.0
Hexadecane, 2-m...	20.539	97.0	ng	18744400	5	21.392	3864800	20.0
Methoxyacetic a...	21.315	48.4	ng	9351350	5	21.392	3864800	20.0
Octadecane, 1-i...	21.492	54.7	ng	10569200	5	21.392	3864800	20.0
unknown27.332	27.332	207.9	ng	52778700	6	23.738	5076020	20.0