LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029061.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.246	378	384	395	rBV	200312	291756	37.45%	4.229%
2	6.869	654	660	675	rBV	186572	293291	37.64%	4.251%
3	7.669	790	796	802	rVB	50331	72948	9.36%	1.057%
4	8.845	989	996	1007	rBB	116563	197711	25.38%	2.866%
5	10.422	1257	1264	1266	rBV	9678	15349	1.97%	0.222%
6	10.463	1266	1271	1276	rVV	58930	97323	12.49%	1.411%
7	10.510	1276	1279	1285	rVB	12281	17515	2.25%	0.254%
8	11.645	1468	1472	1480	rVB4	5797	9953	1.28%	0.144%
9	11.875	1502	1511	1518	rBV	14903	24738	3.18%	0.359%
10	12.133	1551	1555	1562	rVB	15158	20790	2.67%	0.301%
11	12.357	1583	1593	1596	rBV	14298	25135	3.23%	0.364%
12	12.845	1673	1676	1684	rVB4	6643	9488	1.22%	0.138%
13	12.951	1688	1694	1700	rVB	265881	380254	48.80%	5.512%
14	13.139	1718	1726	1735	rBV2	20688	36502	4.68%	0.529%
15	13.492	1782	1786	1788	rBV4	6701	9699	1.24%	0.141%
16	13.657	1808	1814	1819	rBV	13349	23835	3.06%	0.346%
17	13.710	1819	1823	1827	rVV3	9484	14312	1.84%	0.207%
18	13.804	1829	1839	1843	rBV3	14868	26965	3.46%	0.391%
19	13.845	1843	1846	1850	rVV2	5864	8502	1.09%	0.123%
20	13.892	1850	1854	1857	rVV	6849	11022	1.41%	0.160%
21	14.057	1878	1882	1892	rVB	14542	21751	2.79%	0.315%
22	14.227	1906	1911	1916	rBV	29022	35609	4.57%	0.516%
23	14.339	1919	1930	1936	rVB	84524	129991	16.68%	1.884%
24	14.404	1936	1941	1950	rBV2	13855	24360	3.13%	0.353%
25	14.739	1993	1998	2002	rVB2	14390	20111	2.58%	0.292%
26	14.951	2031	2034	2041	rVB4	4723	8266	1.06%	0.120%
27	15.186	2067	2074	2078	rVV	24750	32424	4.16%	0.470%
28	15.392	2104	2109	2113	rBV	29826	41977	5.39%	0.608%
29	15.592	2138	2143	2148	rVB2	10538	15670	2.01%	0.227%
30	15.680	2154	2158	2164	rVB2	6051	9437	1.21%	0.137%
31	15.839	2174	2185	2191	rBV	211922	297463	38.18%	4.312%
32	16.045	2216	2220	2228	rBV	27492	51271	6.58%	0.743%
33	16.392	2271	2279	2284	rBV4	10947	24368	3.13%	0.353%
34	16.445	2284	2288	2292	rVB2	10203	13976	1.79%	0.203%
35	16.545	2301	2305	2311	rVB3	5952	9354	1.20%	0.136%
36	16.833	2348	2354	2358	rBV	22928	31202	4.00%	0.452%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.904	2358	2366	2374	rVB2	17142	38574	4.95%	0.559%
38	17.086	2391	2397	2400	rBV	97284	135429	17.38%	1.963%
39	17.127	2400	2404	2411	rVV	178906	235652	30.25%	3.416%
40	17.215	2415	2419	2424	rVB	43399	58321	7.49%	0.845%
41	17.280	2424	2430	2436	rBV5	5476	13667	1.75%	0.198%
42	17.368	2442	2445	2452	rVB4	4774	9300	1.19%	0.135%
43	17.498	2461	2467	2476	rBV	12645	23681	3.04%	0.343%
44	17.568	2476	2479	2483	rBV	21084	25866	3.32%	0.375%
45	17.662	2492	2495	2501	rVB2	8510	14299	1.84%	0.207%
46	17.751	2505	2510	2515	rVV	180765	203554	26.13%	2.951%
47	17.810	2515	2520	2524	rBV2	5741	10182	1.31%	0.148%
48	17.957	2539	2545	2547	rBV	39140	56758	7.28%	0.823%
49	17.980	2547	2549	2551	rBV2	35256	34812	4.47%	0.505%
50	18.086	2562	2567	2572	rBV	15198	24474	3.14%	0.355%
51	18.145	2572	2577	2582	rVV2	41544	79453	10.20%	1.152%
52	18.186	2582	2584	2592	rVB	24311	28609	3.67%	0.415%
53	18.262	2593	2597	2601	rBV	23012	26137	3.35%	0.379%
54	18.457	2625	2630	2634	rBV2	20212	30909	3.97%	0.448%
55	18.515	2636	2640	2645	rVB8	8798	12218	1.57%	0.177%
56	18.721	2669	2675	2678	rBV2	27076	41925	5.38%	0.608%
57	18.757	2678	2681	2684	rVB	13920	14902	1.91%	0.216%
58	18.804	2685	2689	2693	rVB4	11127	15506	1.99%	0.225%
59	18.898	2697	2705	2708	rBV	618701	779139	100.00%	11.294%
60	18.933	2708	2711	2721	rVB2	482474	659079	84.59%	9.554%
61	19.021	2721	2726	2729	rBV5	11451	24351	3.13%	0.353%
62	19.062	2729	2733	2739	rVB	83235	98782	12.68%	1.432%
63	19.145	2739	2747	2754	rBV	185318	279197	35.83%	4.047%
64	19.262	2764	2767	2770	rVV3	21480	25144	3.23%	0.364%
65	19.504	2800	2808	2817	rVB	157313	280027	35.94%	4.059%
66	19.586	2818	2822	2826	rBV3	16612	21456	2.75%	0.311%
67	19.709	2838	2843	2848	rBV	410071	525876	67.49%	7.623%
68	19.827	2859	2863	2865	rBV3	18772	27198	3.49%	0.394%
69	20.103	2907	2910	2915	rVB2	23683	29417	3.78%	0.426%
70	20.162	2916	2920	2923	rVB	33128	39148	5.02%	0.567%
71	20.298	2941	2943	2947	rVB	15825	15622	2.01%	0.226%
72	20.509	2976	2979	2984	rBV	23328	29177	3.74%	0.423%
73	20.980	3055	3059	3067	rVB3	64024	98851	12.69%	1.433%
74	21.262	3101	3107	3110	rBV2	152909	281952	36.19%	4.087%
75	21.298	3111	3113	3118	rVB	75550	80345	10.31%	1.165%
76	23.427	3471	3475	3480	rVB2	74582	115312	14.80%	1.672%

LSC Area Percent Report

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Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

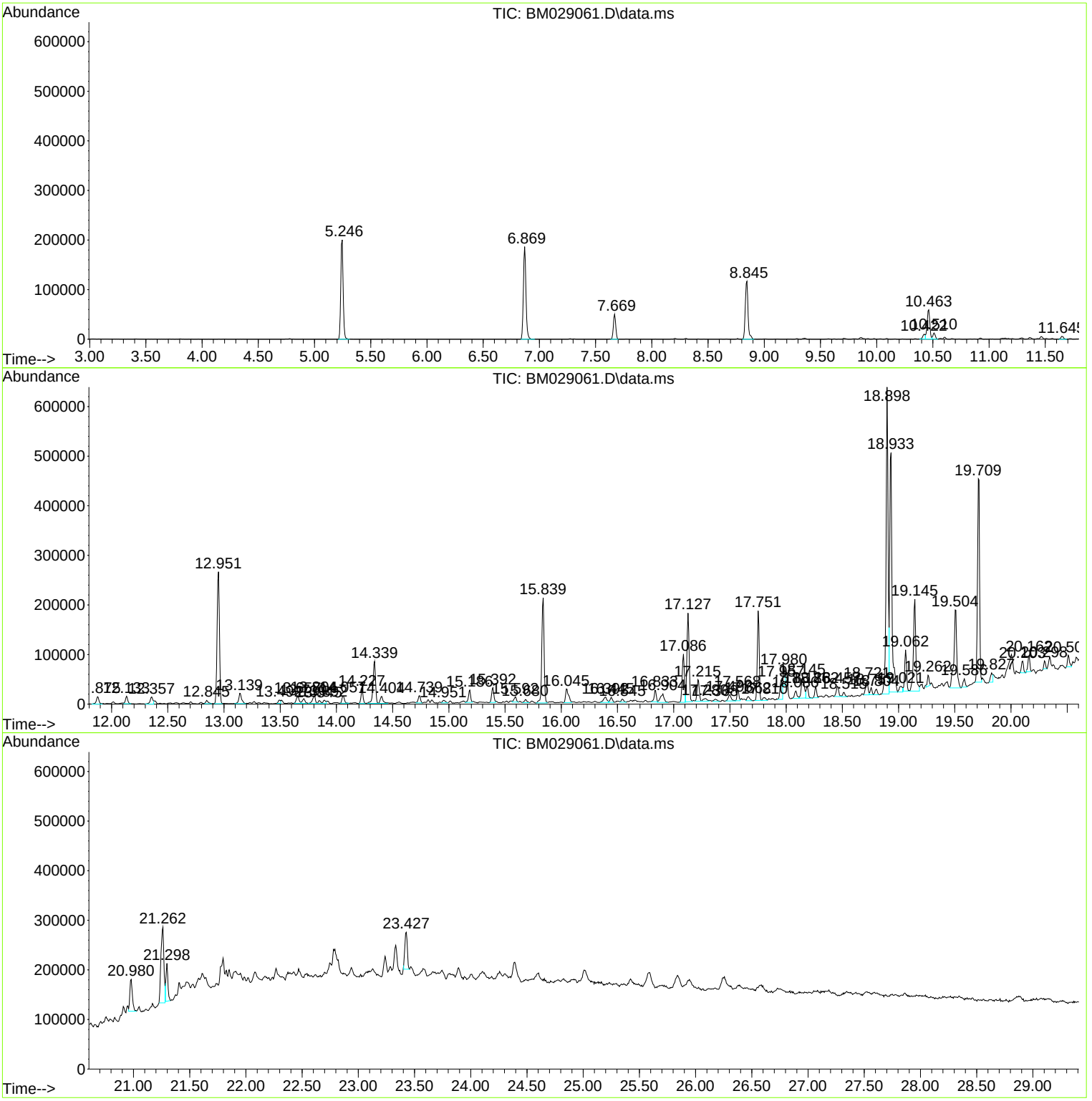
Sum of corrected areas: 6898619

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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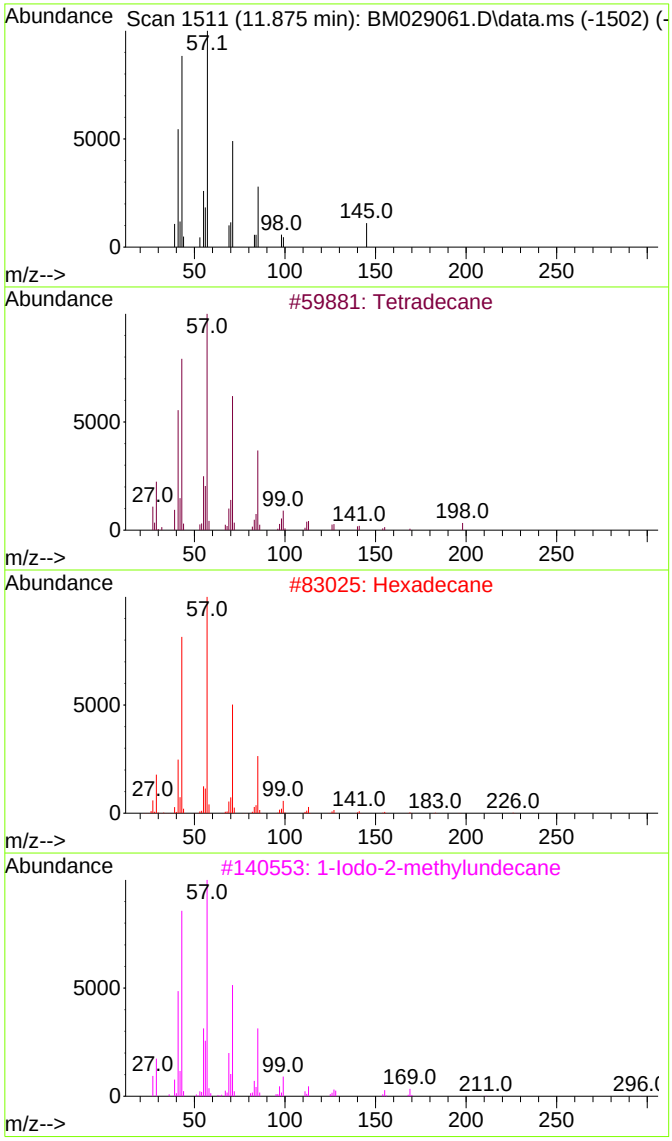
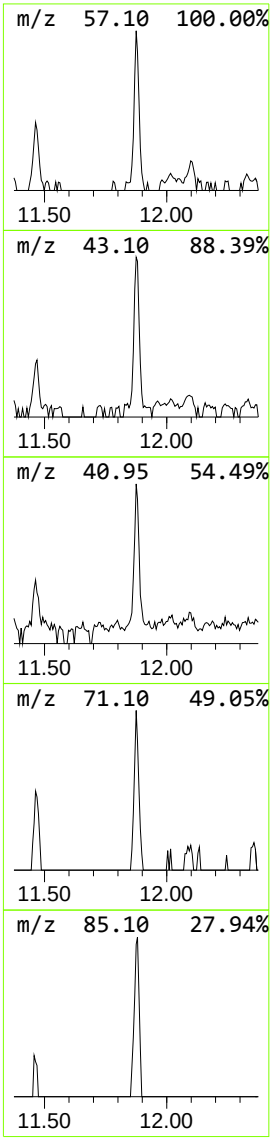
Peak Number 1 Tetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.875	5.08 ng	24738	Naphthalene-d8	10.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	78
2	Hexadecane	226	C16H34	000544-76-3	72
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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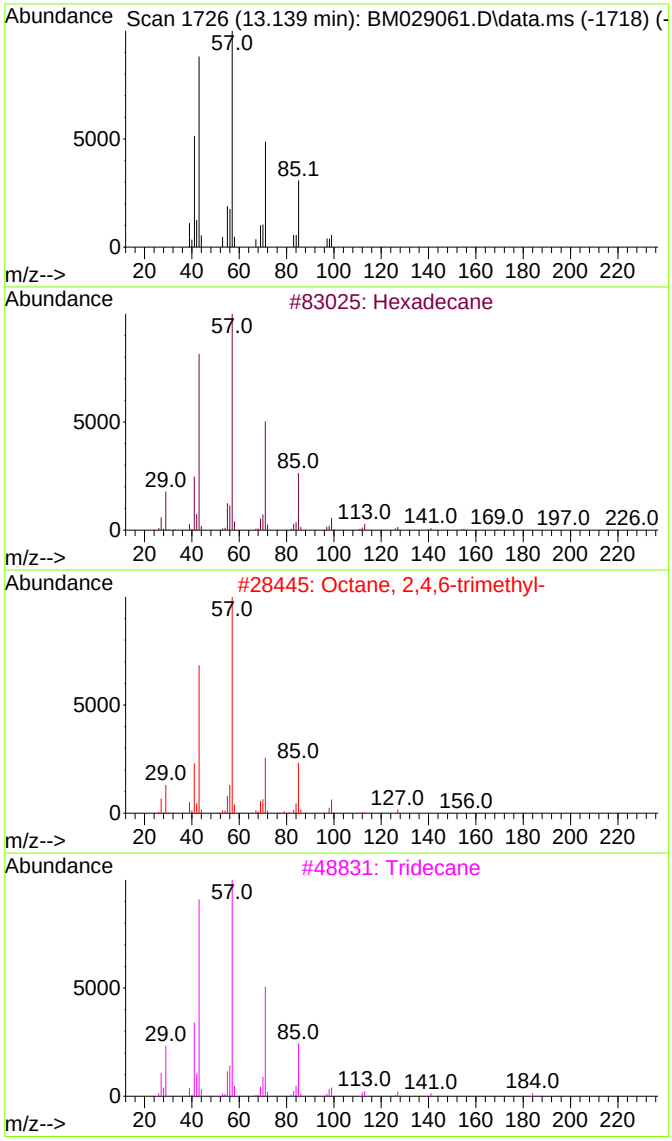
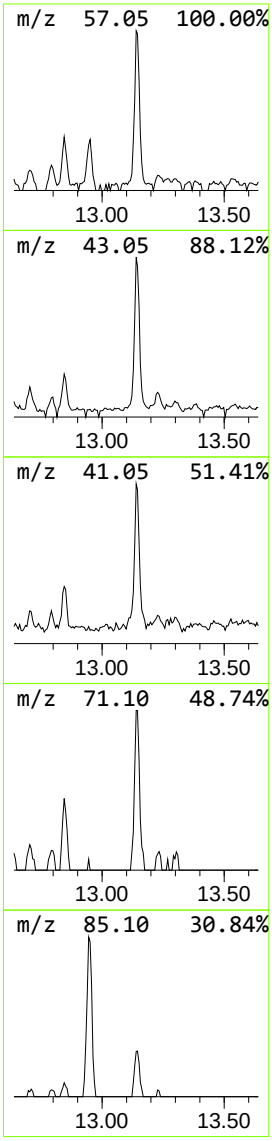
Peak Number 2 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	5.62 ng	36502	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	83
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane	156	C11H24	001120-21-4	64
5	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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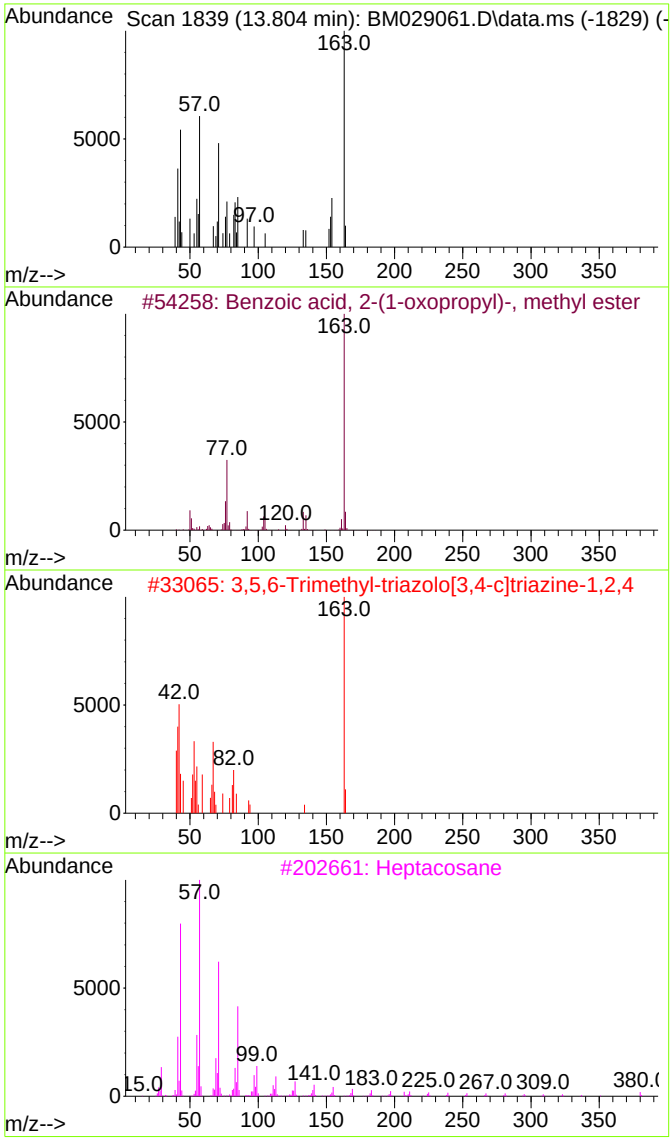
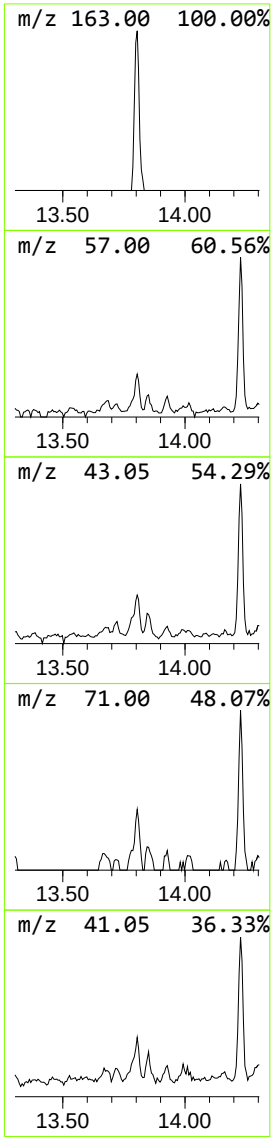
Peak Number 3 unknown13.804 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	4.15 ng	26965	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(1-oxopropyl)-, ...	192	C11H12O3	032025-37-9	25
2	3,5,6-Trimethyl-triazolo[3,4-c]t...	163	C7H9N5	061139-80-8	22
3	Heptacosane	380	C27H56	000593-49-7	14
4	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	14
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	14





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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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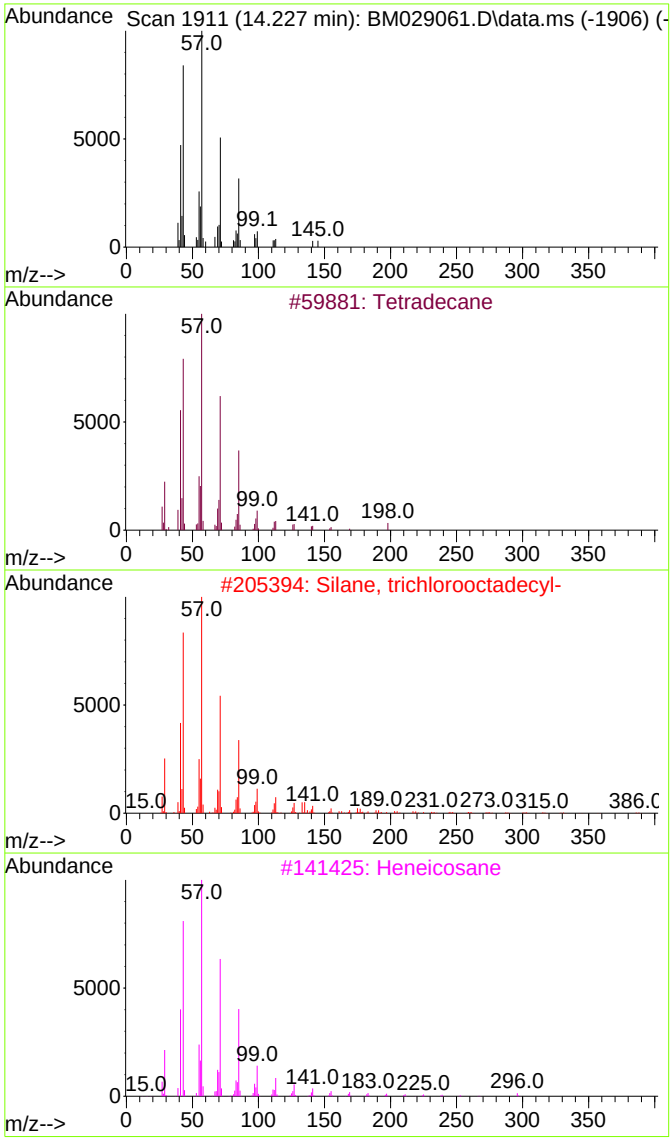
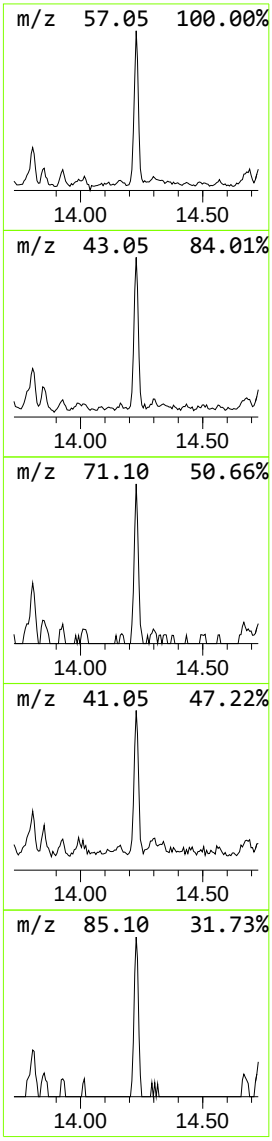
Peak Number 4 Silane, trichlorooctadecyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.227	5.48 ng	35609	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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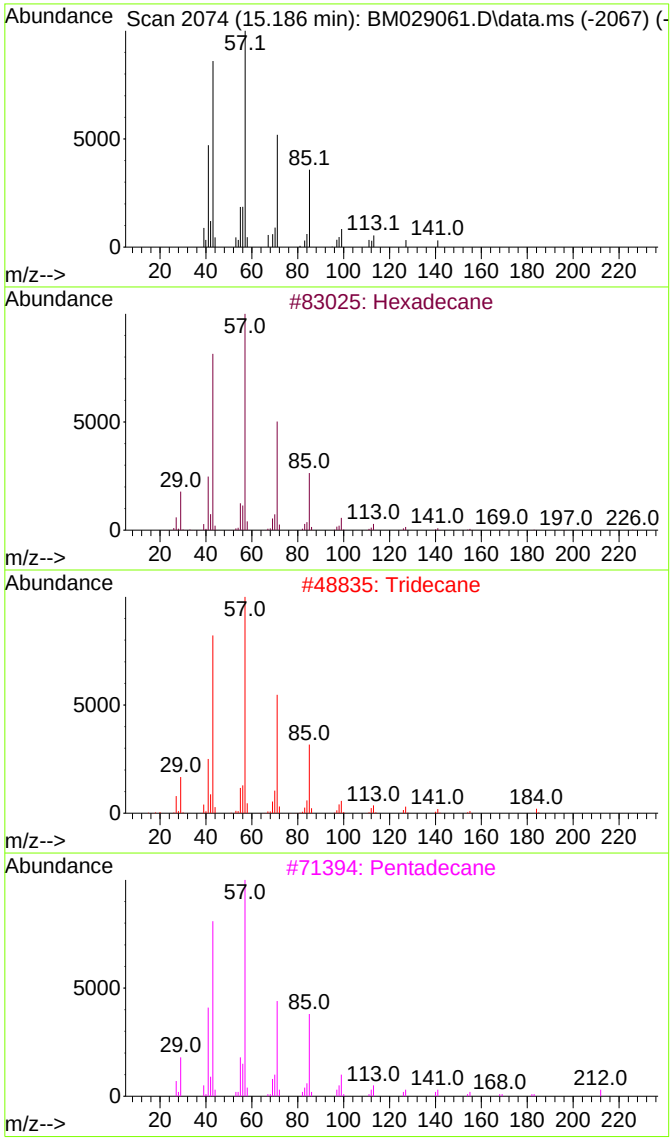
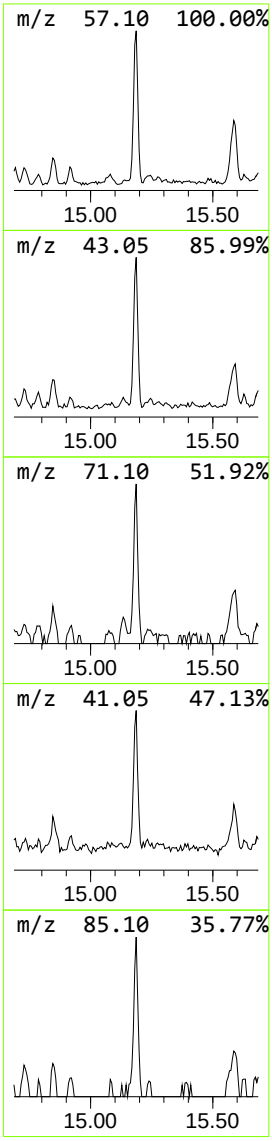
Peak Number 5 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.186	4.99 ng	32424	Acenaphthene-d10	14.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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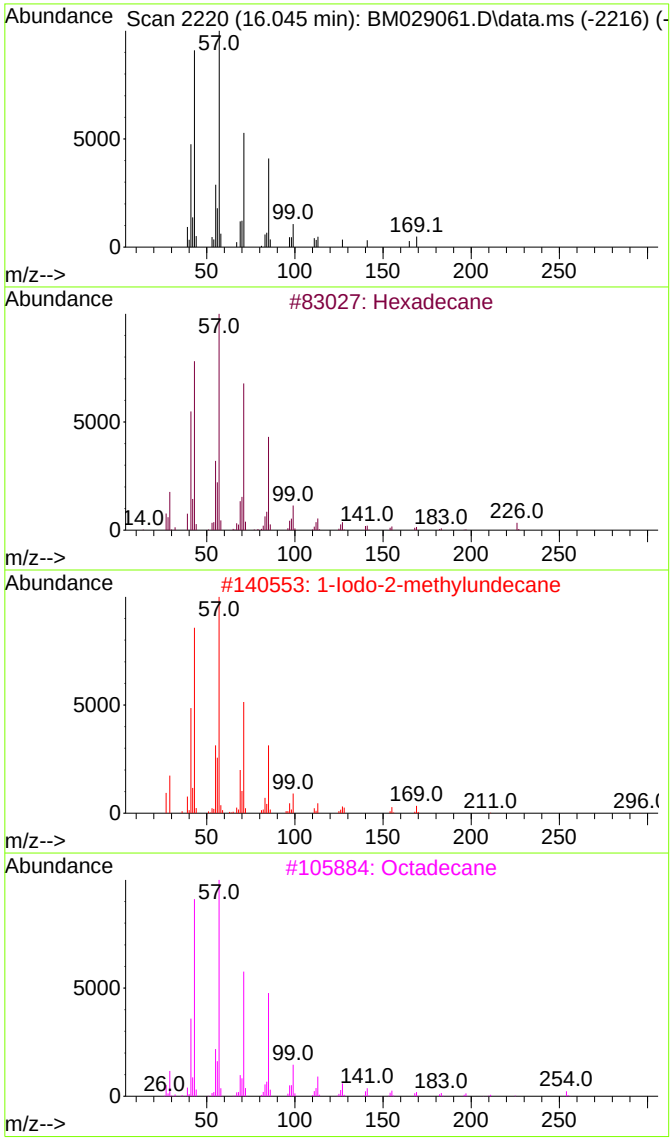
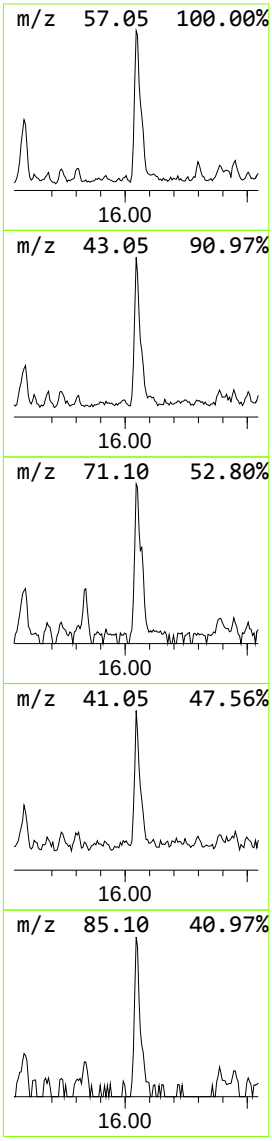
Peak Number 6 1-Iodo-2-methylundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.045	7.57 ng	51271	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
5	Tetradecane	198	C14H30	000629-59-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

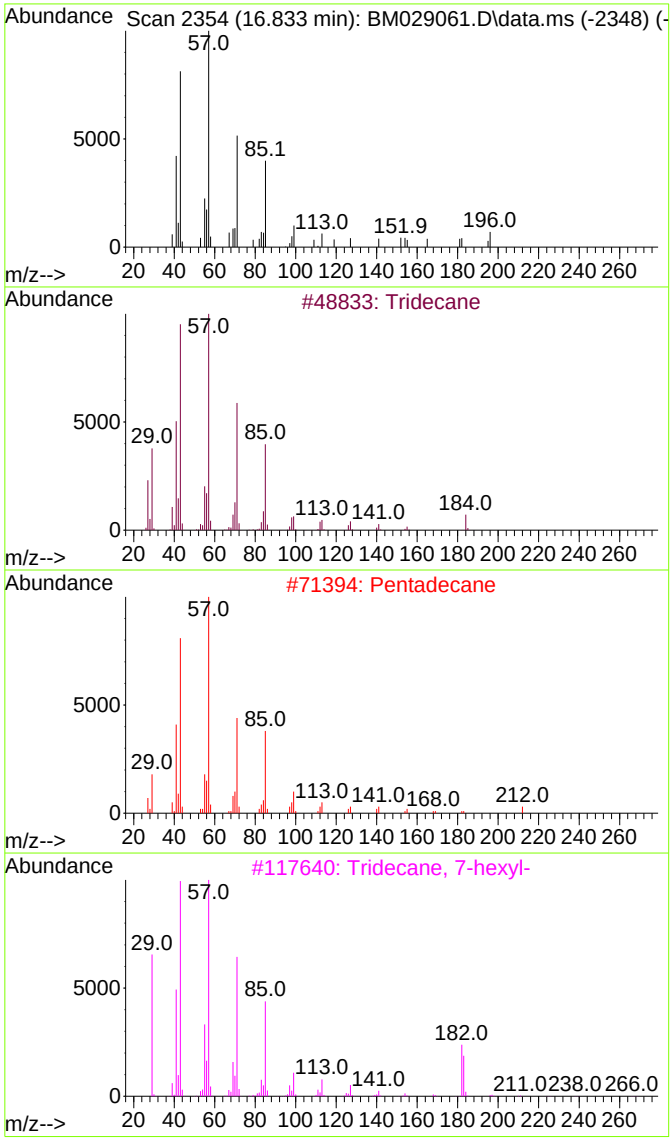
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

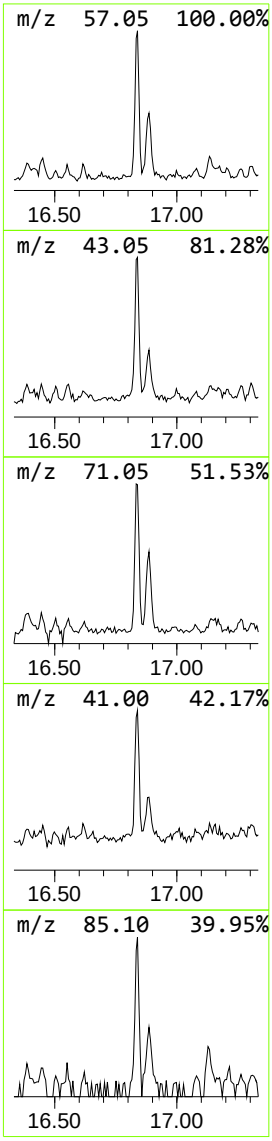
****

Peak Number 7 Pentadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.833	4.61 ng	31202	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Pentadecane	212	C15H32	000629-62-9	64
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tetracosane	338	C24H50	000646-31-1	64





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Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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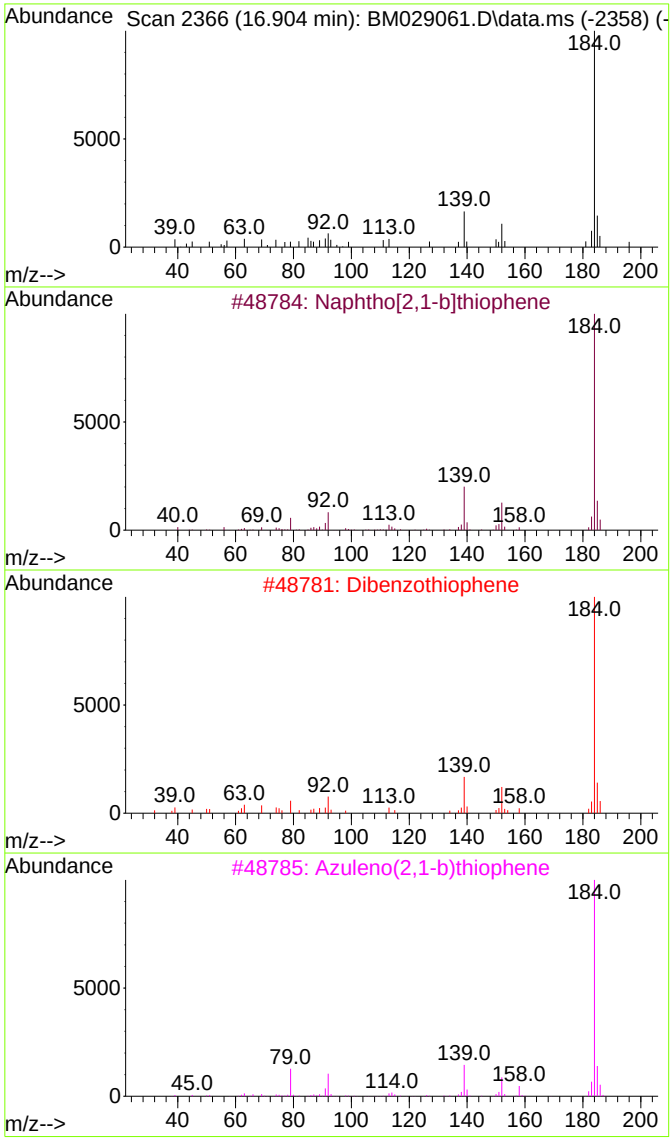
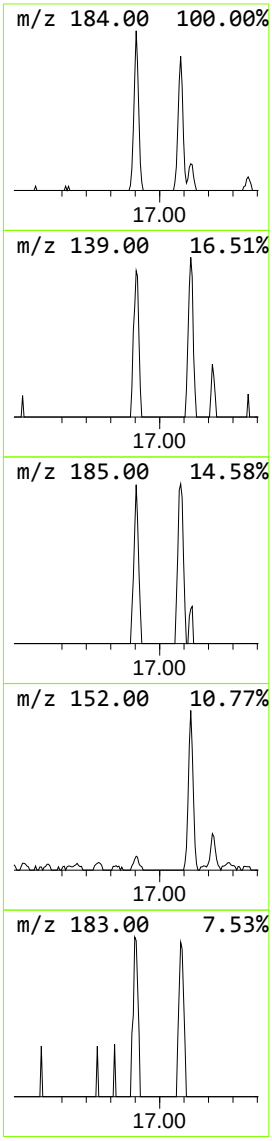
Peak Number 8 Naphtho[2,1-b]thiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.904	5.70 ng	38574	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
2	Dibenzothiophene	184	C12H8S	000132-65-0	90
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	86
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	78
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	78





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Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

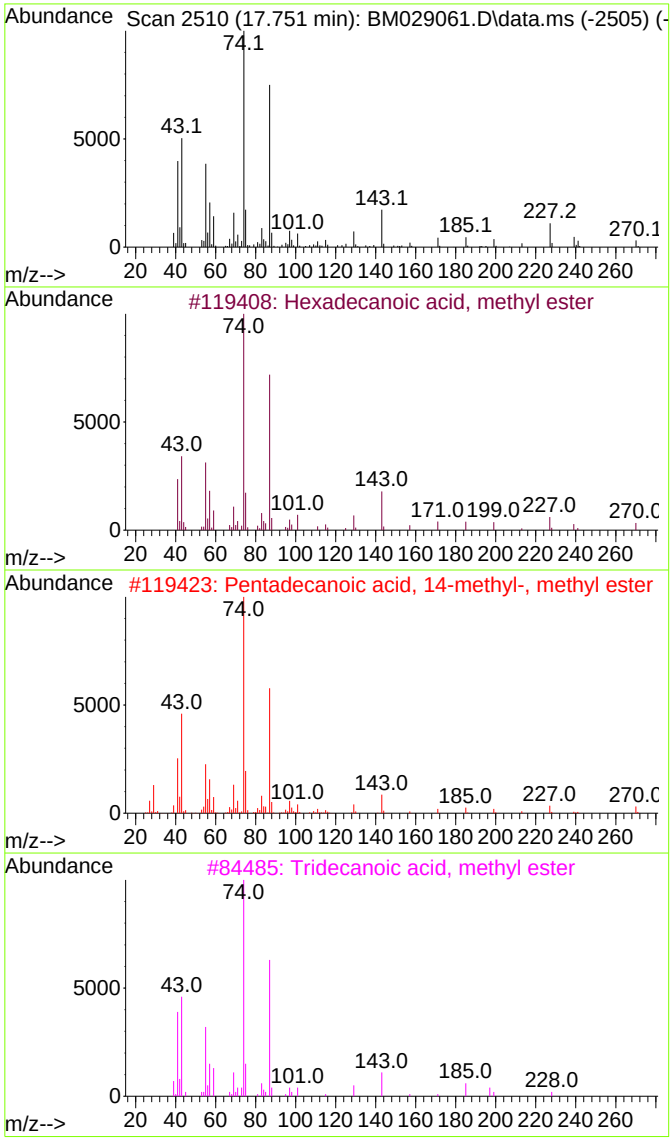
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

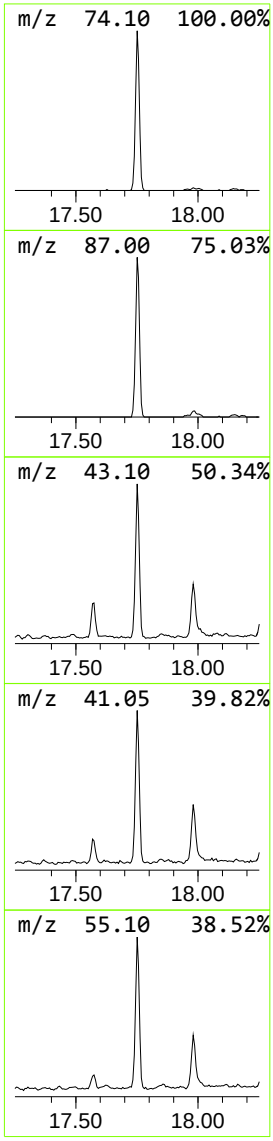
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.751	30.06 ng	203554	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





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Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

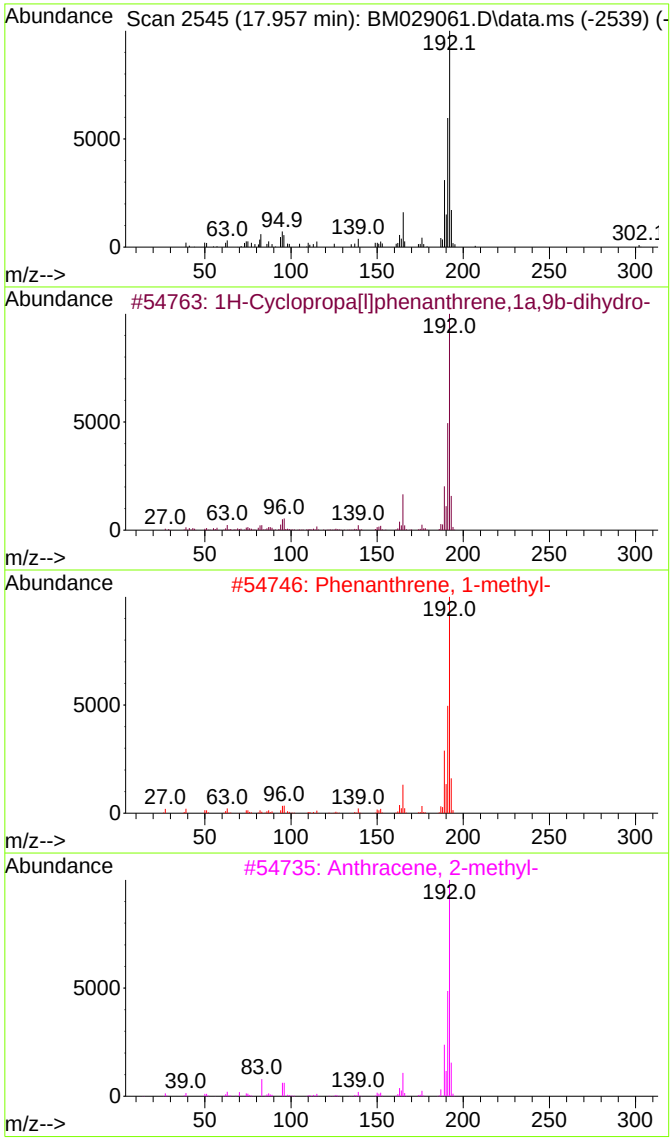
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

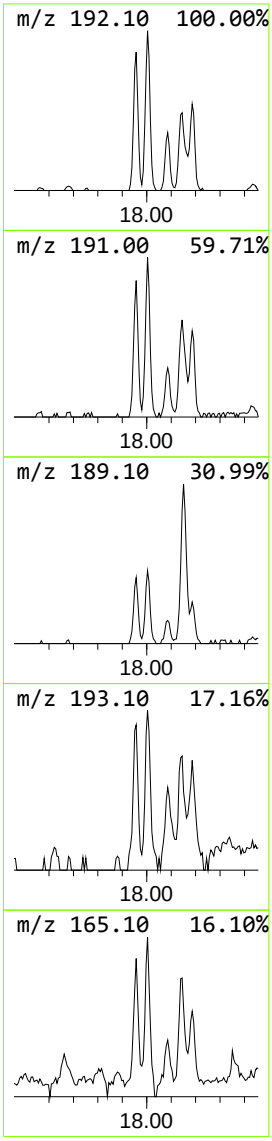
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	8.38 ng	56758	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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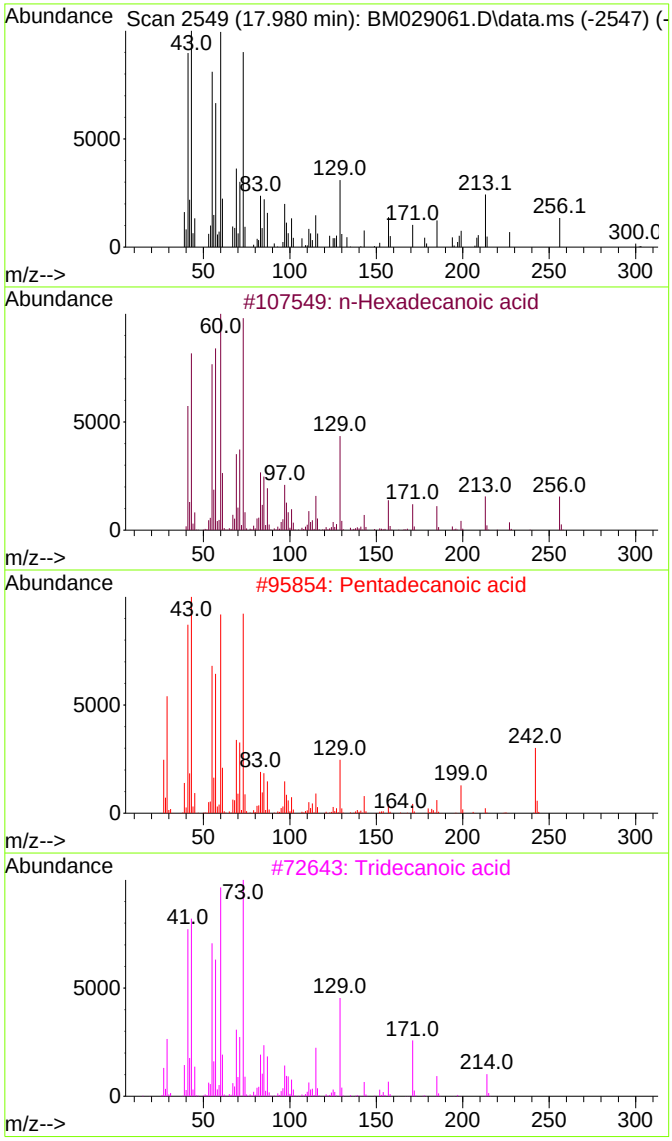
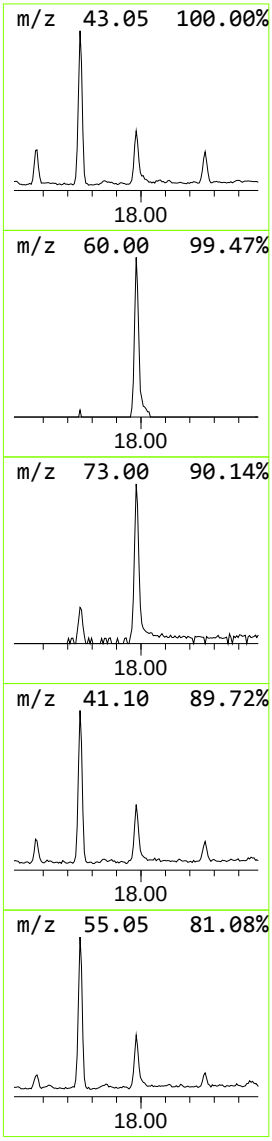
Peak Number 11 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	5.14 ng	34812	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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Acq On : 10 Mar 2021 00:21
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Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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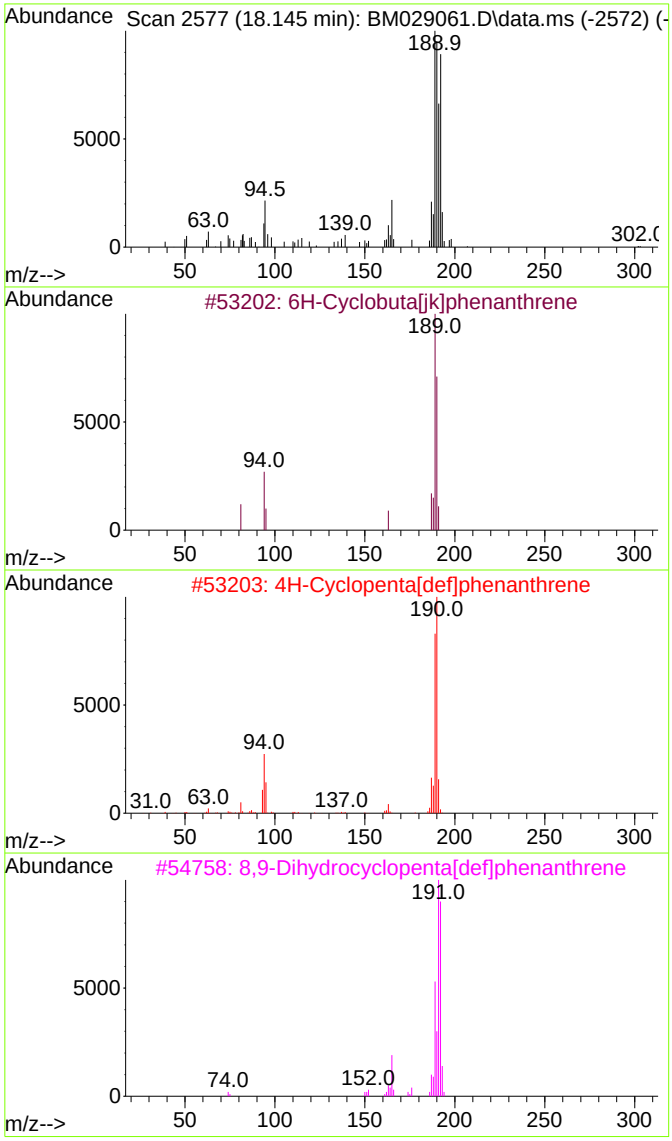
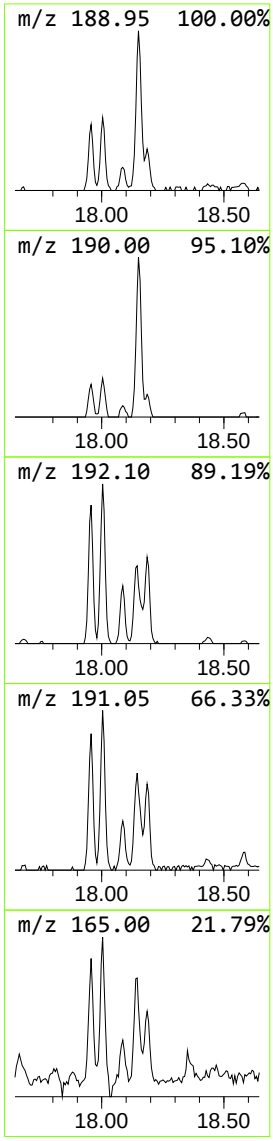
Peak Number 12 unknown18.145 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.145	11.73 ng	79453	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	47
4	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	46
5	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42





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Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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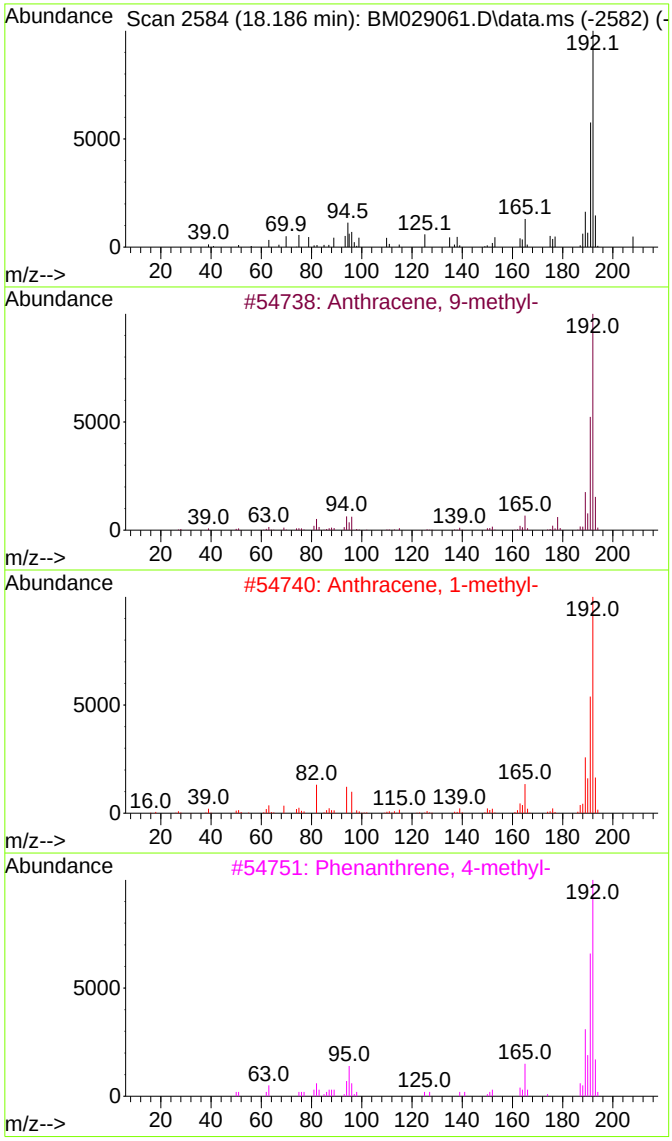
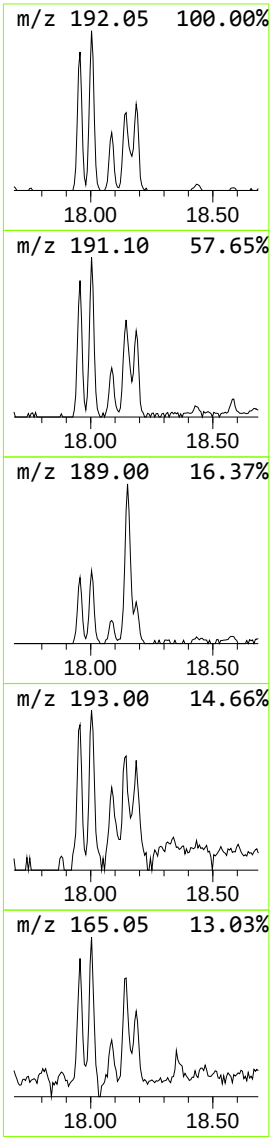
Peak Number 13 Anthracene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	4.22 ng	28609	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	81





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Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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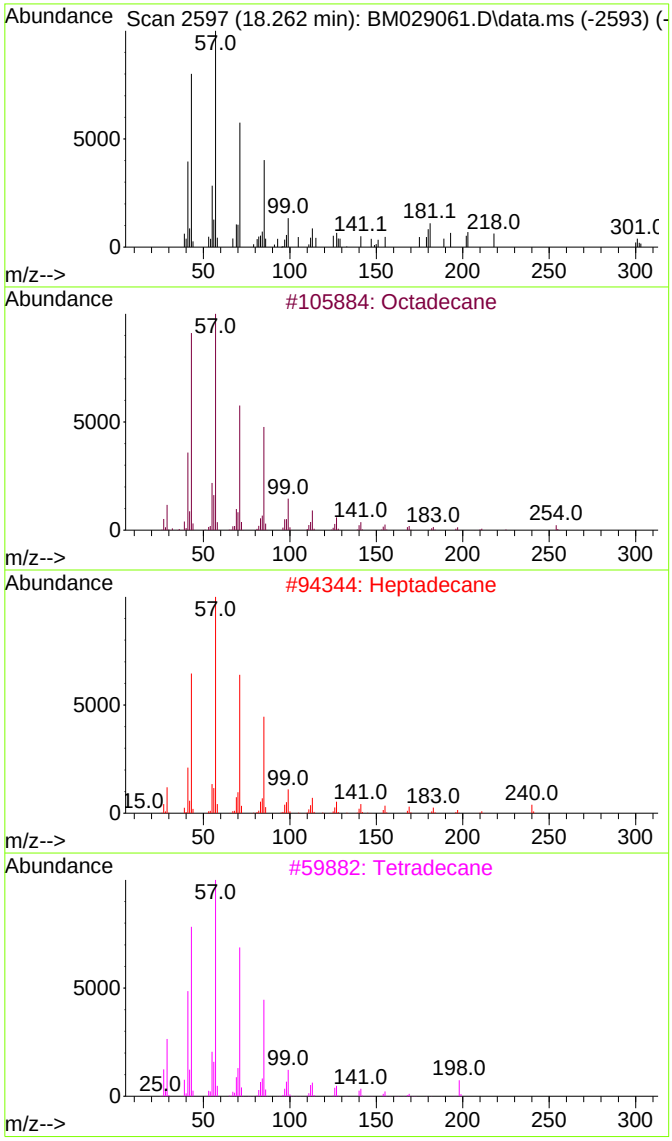
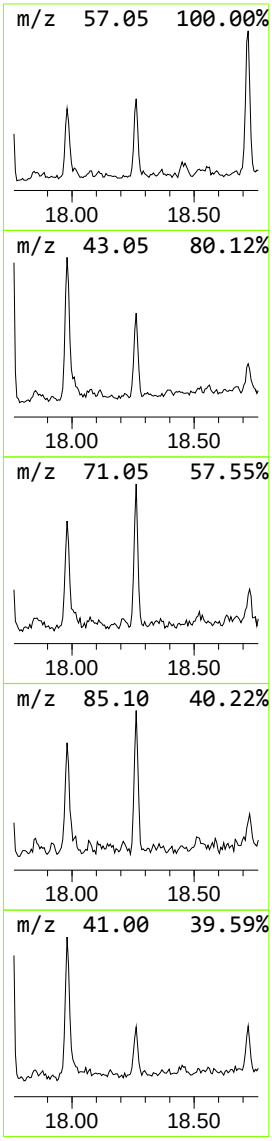
Peak Number 14 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	3.86 ng	26137	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	74
2	Heptadecane	240	C17H36	000629-78-7	74
3	Tetradecane	198	C14H30	000629-59-4	74
4	Pentadecane	212	C15H32	000629-62-9	72
5	Octacosane	394	C28H58	000630-02-4	72





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Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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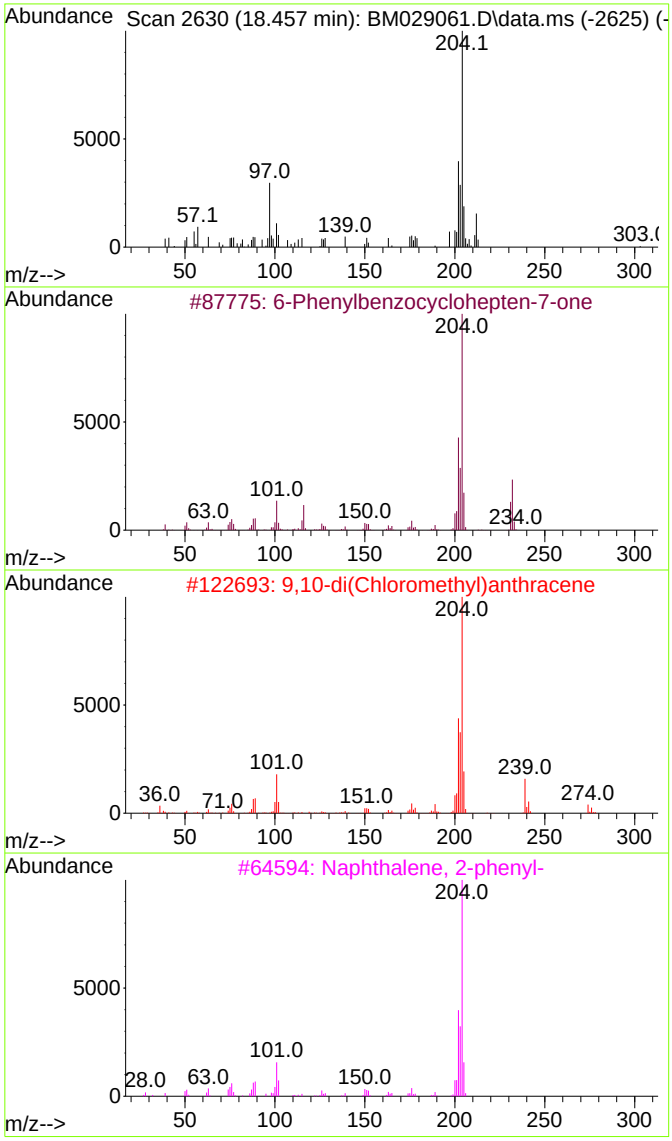
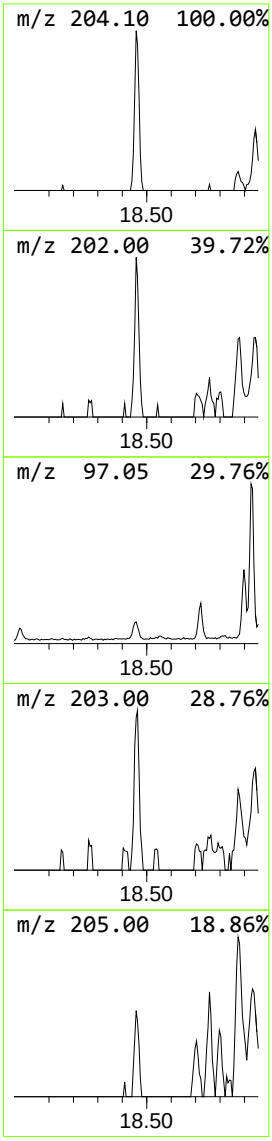
Peak Number 15 6-Phenylbenzocyclohepten-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	4.56 ng	30909	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
2	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	64
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	55
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50





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Misc :
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ClientSampleId : SU-02-030821

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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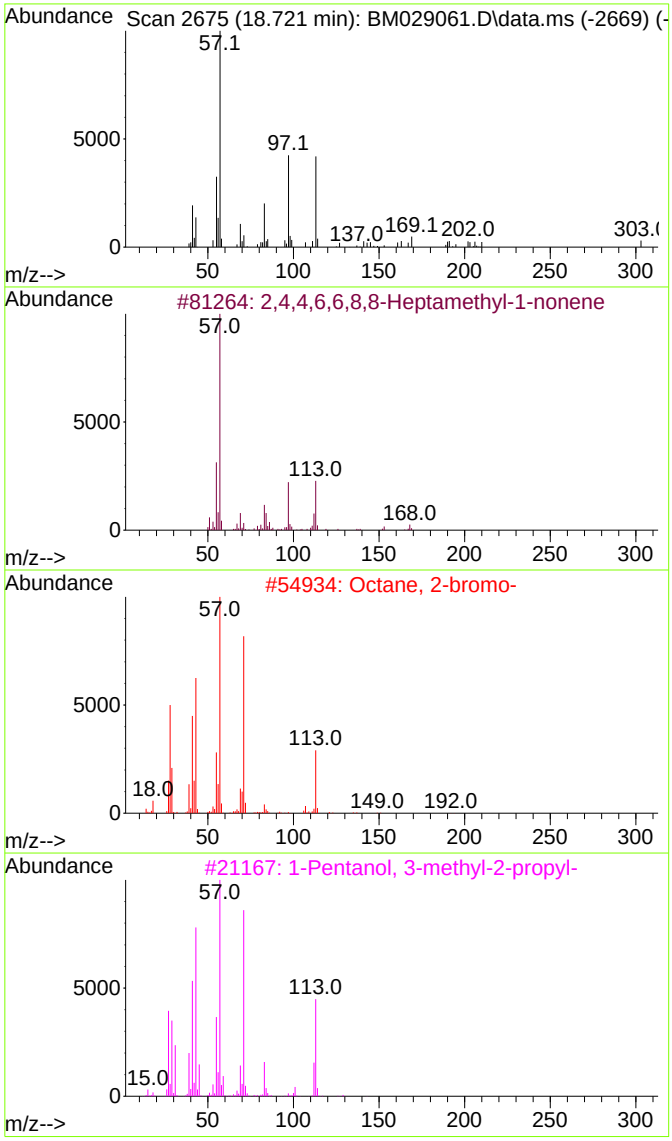
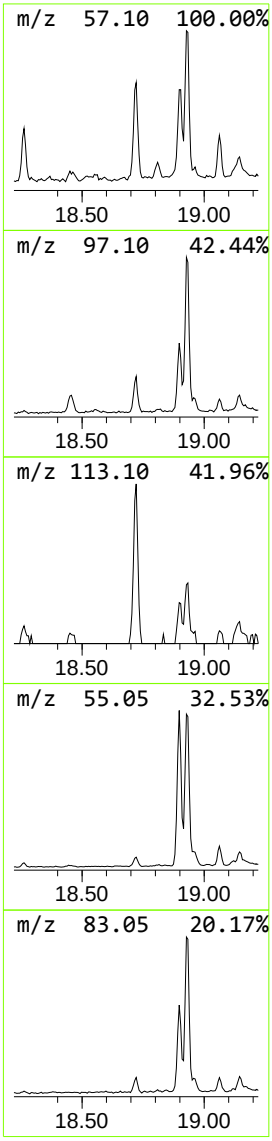
Peak Number 16 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.721	6.19 ng	41925	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	59
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	32
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	32
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25





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Misc :
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Instrument : BNA_M
ClientSampleId : SU-02-030821

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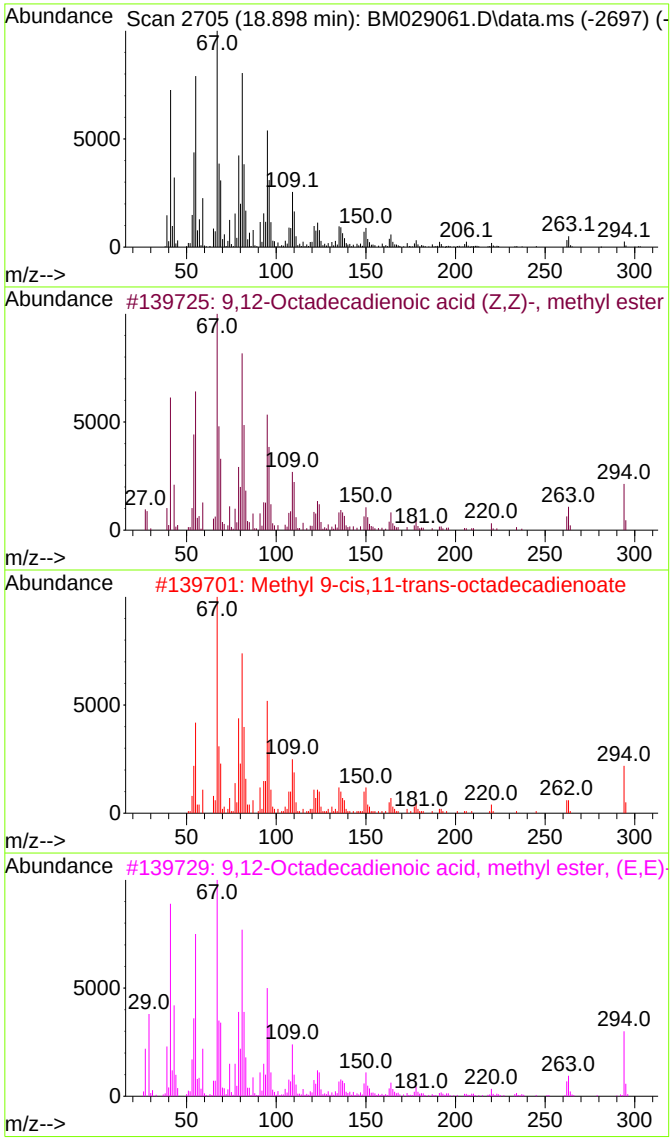
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

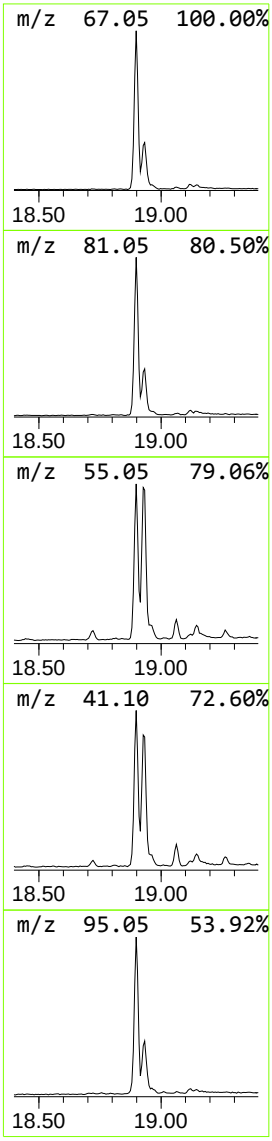
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	115.06 ng	779139	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





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Sample : M1602-01
Misc :
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ClientSampleId : SU-02-030821

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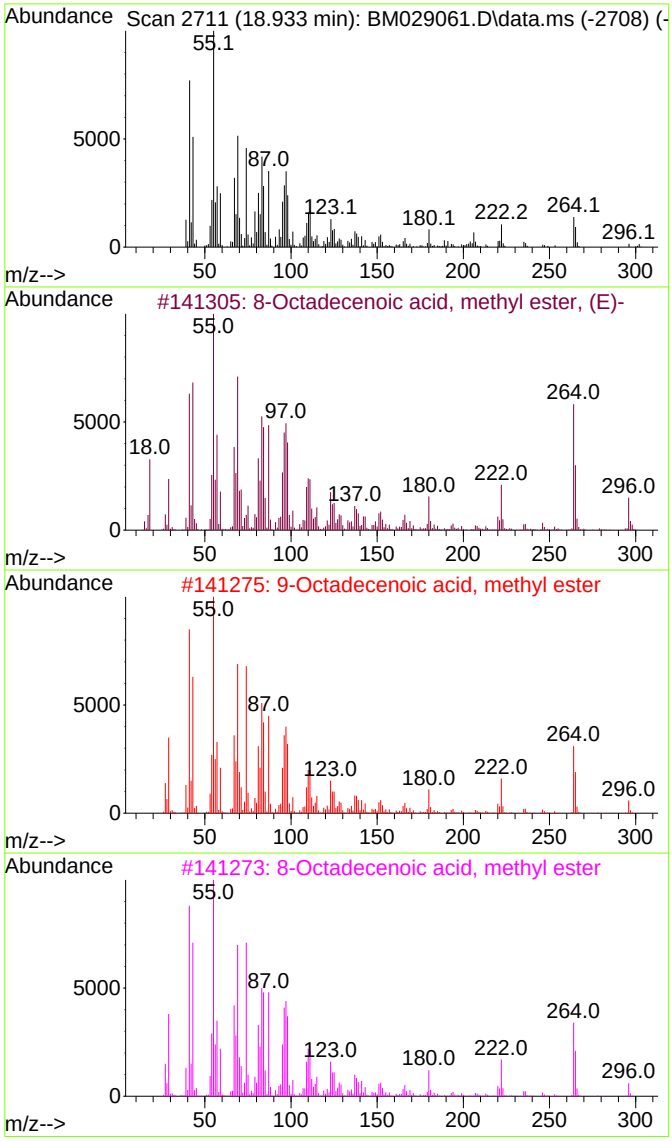
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

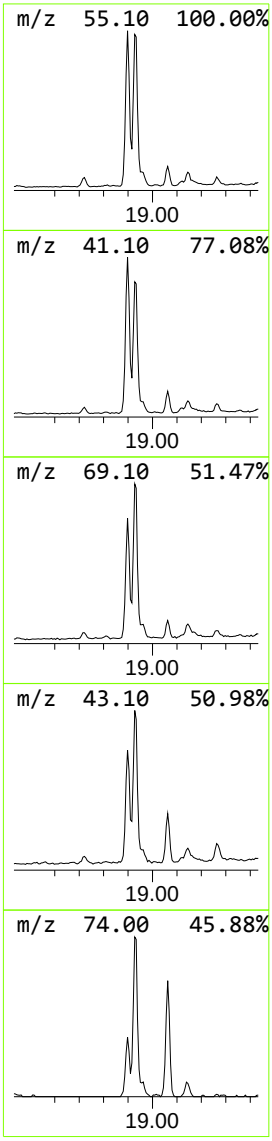
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 8-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.933	97.33 ng	659079	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	99
3	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99





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Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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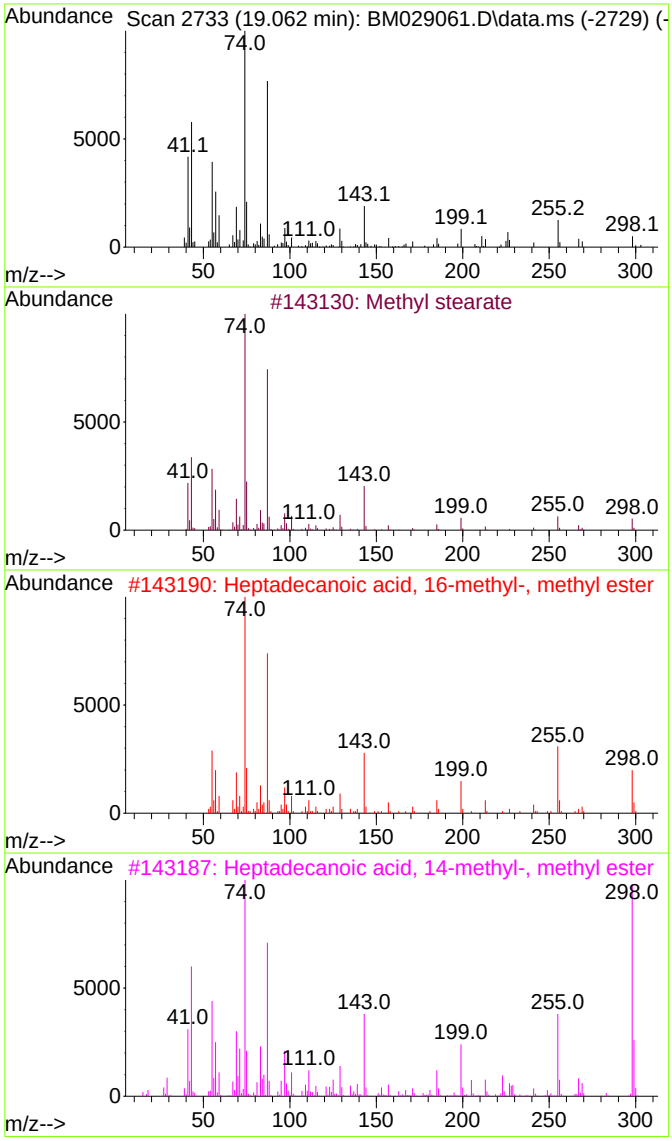
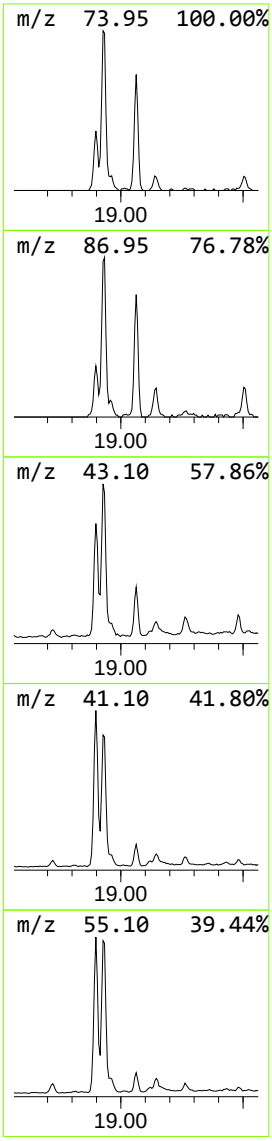
Peak Number 19 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.062	14.59 ng	98782	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	95
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	87
3	Heptadecanoic acid, 14-methyl-, ...	298	C19H38O2	002490-23-5	87
4	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	83
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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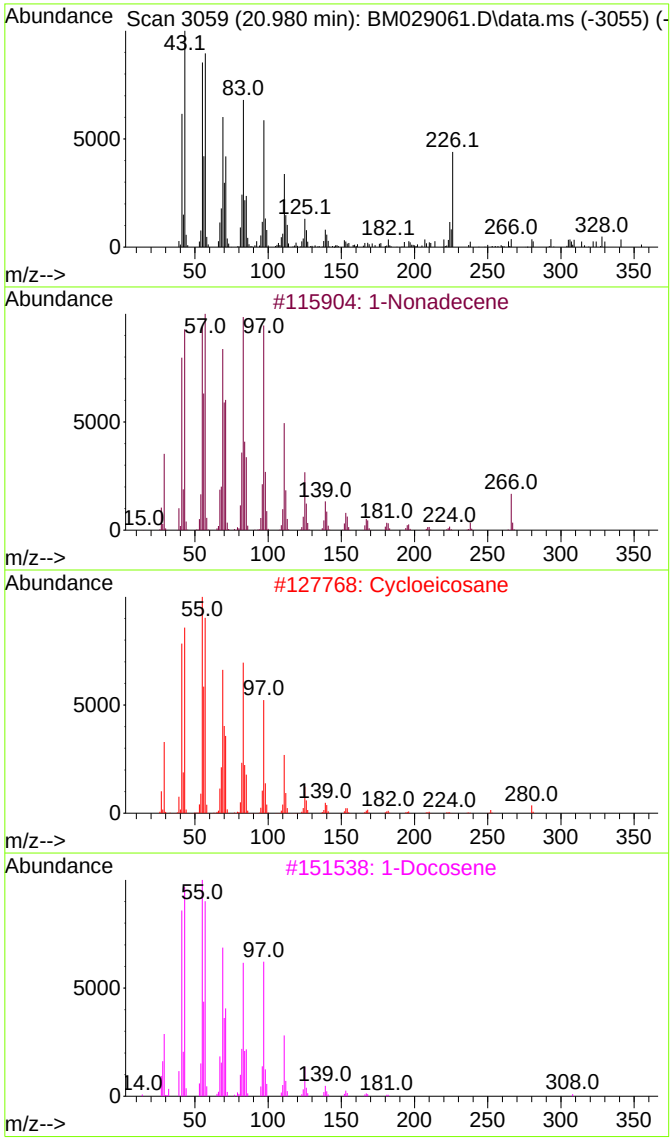
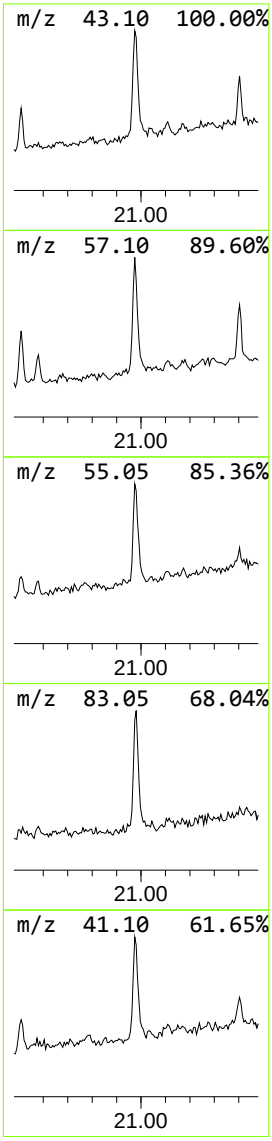
Peak Number 20 1-Nonadecene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	7.01 ng	98851	Chrysene-d12	21.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	99
2	Cycloeicosane	280	C20H40	000296-56-0	99
3	1-Docosene	308	C22H44	001599-67-3	98
4	1-Eicosene	280	C20H40	003452-07-1	98
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
Data File : BM029061.D
Acq On : 10 Mar 2021 00:21
Operator : CG/JU
Sample : M1602-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SU-02-030821

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tetradecane	11.875	5.1	ng	24738	2	10.463	97323	20.0
Hexadecane	13.139	5.6	ng	36502	3	14.339	129991	20.0
unknown13.804	13.804	4.2	ng	26965	3	14.339	129991	20.0
Silane, trichlo...	14.227	5.5	ng	35609	3	14.339	129991	20.0
Tridecane	15.186	5.0	ng	32424	3	14.339	129991	20.0
1-Iodo-2-methyl...	16.045	7.6	ng	51271	4	17.086	135429	20.0
Pentadecane	16.833	4.6	ng	31202	4	17.086	135429	20.0
Naphtho[2,1-b]t...	16.904	5.7	ng	38574	4	17.086	135429	20.0
Hexadecanoic ac...	17.751	30.1	ng	203554	4	17.086	135429	20.0
1H-Cyclopropa[l...	17.957	8.4	ng	56758	4	17.086	135429	20.0
n-Hexadecanoic ...	17.980	5.1	ng	34812	4	17.086	135429	20.0
unknown18.145	18.145	11.7	ng	79453	4	17.086	135429	20.0
Anthracene, 9-m...	18.186	4.2	ng	28609	4	17.086	135429	20.0
Octadecane	18.262	3.9	ng	26137	4	17.086	135429	20.0
6-Phenylbenzocy...	18.456	4.6	ng	30909	4	17.086	135429	20.0
2,4,4,6,6,8,8-H...	18.721	6.2	ng	41925	4	17.086	135429	20.0
9,12-Octadecadi...	18.898	115.1	ng	779139	4	17.086	135429	20.0
8-Octadecenoic ...	18.933	97.3	ng	659079	4	17.086	135429	20.0
Methyl stearate	19.062	14.6	ng	98782	4	17.086	135429	20.0
1-Nonadecene	20.980	7.0	ng	98851	5	21.262	281952	20.0