LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039161.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	62	68	78	rVB	4734970	5846788	4.13%	0.456%
2	3.910	101	106	113	rBV	1804853	2239041	1.58%	0.175%
3	5.422	350	363	371	rBV3	2522146	4800558	3.39%	0.375%
4	5.504	371	377	384	rVB	1847660	2562610	1.81%	0.200%
5	7.040	631	638	643	rVV	2583412	5732594	4.05%	0.447%
6	7.104	645	649	661	rVB3	1767647	3208235	2.27%	0.250%
7	7.939	787	791	797	rVB	935807	1427796	1.01%	0.111%
8	8.016	797	804	813	rBV	11986913	19766965	13.96%	1.543%
9	8.604	887	904	906	rBV3	1147811	3513981	2.48%	0.274%
10	8.686	915	918	931	rVB	1754382	2876357	2.03%	0.225%
11	9.110	981	990	997	rVV	3210506	5280659	3.73%	0.412%
12	9.457	1011	1049	1052	rBV	4364851	27898489	19.71%	2.178%
13	10.286	1150	1190	1191	rBV	5193259	28077442	19.83%	2.192%
14	10.757	1257	1270	1279	rVB	1342393	2560745	1.81%	0.200%
15	11.610	1405	1415	1420	rBV	956156	1820487	1.29%	0.142%
16	11.792	1438	1446	1455	rVB	818512	1430374	1.01%	0.112%
17	13.016	1626	1654	1658	rBV	10097915	48651207	34.36%	3.797%
18	13.216	1681	1688	1695	rVV	8399525	13109946	9.26%	1.023%
19	14.233	1855	1861	1870	rBV	4667371	6896697	4.87%	0.538%
20	14.586	1915	1921	1936	rBV	1858857	3043467	2.15%	0.238%
21	14.704	1936	1941	1947	rVB	6488692	7880495	5.57%	0.615%
22	15.157	1988	2018	2021	rBV	25296947	141577462	100.00%	11.051%
23	15.233	2026	2031	2037	rVB	4936755	6447322	4.55%	0.503%
24	16.074	2168	2174	2179	rBV	3830551	5379941	3.80%	0.420%
25	16.127	2179	2183	2188	rVB	3542101	4734343	3.34%	0.370%
26	16.486	2239	2244	2250	rBV2	1306572	2567994	1.81%	0.200%
27	16.545	2250	2254	2258	rVV	2038972	2920486	2.06%	0.228%
28	16.592	2258	2262	2265	rVV2	1353455	2092782	1.48%	0.163%
29	16.633	2265	2269	2275	rVB3	2126237	3813607	2.69%	0.298%
30	16.780	2280	2294	2299	rBV	17189409	40946016	28.92%	3.196%
31	16.951	2319	2323	2332	rVB	3012459	4530285	3.20%	0.354%
32	17.098	2343	2348	2361	rBV	6748161	9870911	6.97%	0.770%
33	17.198	2361	2365	2369	rVB	1384306	1588880	1.12%	0.124%
34	17.245	2369	2373	2379	rBV	3737579	4547000	3.21%	0.355%
35	17.333	2383	2388	2392	rBV	2222861	3050152	2.15%	0.238%
36	17.709	2448	2452	2455	rBV	1905261	2639707	1.86%	0.206%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
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Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.774	2460	2463	2469	rVB	1048521	1555958	1.10%	0.121%
38	17.945	2488	2492	2495	rBV	1920590	2392822	1.69%	0.187%
39	17.998	2498	2501	2506	rVB	1320694	2076167	1.47%	0.162%
40	18.104	2513	2519	2523	rBV	1209710	2297251	1.62%	0.179%
41	18.280	2532	2549	2555	rBV2	19506900	62515031	44.16%	4.880%
42	18.409	2568	2571	2576	rBV	2000269	2316740	1.64%	0.181%
43	18.468	2576	2581	2584	rBV2	2114268	3771256	2.66%	0.294%
44	18.545	2586	2594	2599	rVB	5255468	12455897	8.80%	0.972%
45	18.668	2608	2615	2618	rBV	26140757	47953138	33.87%	3.743%
46	18.774	2624	2633	2637	rBV2	7464384	19518637	13.79%	1.524%
47	18.839	2642	2644	2647	rVB2	3293766	3488422	2.46%	0.272%
48	18.874	2647	2650	2652	rBV3	3555482	4082002	2.88%	0.319%
49	19.021	2665	2675	2681	rBV7	11285753	41693787	29.45%	3.254%
50	19.080	2681	2685	2687	rBV2	8794190	12152593	8.58%	0.949%
51	19.180	2698	2702	2708	rBV7	8133480	22195978	15.68%	1.732%
52	19.233	2709	2711	2716	rVB	16619102	22341625	15.78%	1.744%
53	19.292	2716	2721	2724	rBV2	14361196	26238284	18.53%	2.048%
54	19.415	2740	2742	2745	rVB	6257639	6308116	4.46%	0.492%
55	19.456	2745	2749	2752	rBV2	9137239	12569807	8.88%	0.981%
56	19.498	2752	2756	2758	rBV2	13418996	19774936	13.97%	1.544%
57	19.633	2775	2779	2781	rBV2	17698852	26535803	18.74%	2.071%
58	19.656	2781	2783	2785	rVV	12189984	11832050	8.36%	0.924%
59	19.680	2785	2787	2789	rVV	6102124	6675273	4.71%	0.521%
60	19.709	2789	2792	2796	rVB	20312039	25628256	18.10%	2.000%
61	19.762	2796	2801	2807	rBV2	8001613	13943822	9.85%	1.088%
62	19.862	2812	2818	2822	rBV4	23154547	49712925	35.11%	3.880%
63	19.898	2822	2824	2827	rVB3	4361864	3696249	2.61%	0.289%
64	19.933	2827	2830	2832	rBV	6941646	8376799	5.92%	0.654%
65	19.980	2835	2838	2844	rVB2	15794323	31300865	22.11%	2.443%
66	20.033	2844	2847	2857	rBV4	8341865	17964541	12.69%	1.402%
67	20.121	2857	2862	2864	rBV4	7644251	13101980	9.25%	1.023%
68	20.150	2864	2867	2869	rBV2	4531553	4908907	3.47%	0.383%
69	20.227	2877	2880	2884	rVV3	5501108	5833955	4.12%	0.455%
70	20.297	2888	2892	2900	rVB4	6417069	14524273	10.26%	1.134%
71	20.362	2900	2903	2906	rBV2	2395846	2929114	2.07%	0.229%
72	20.415	2906	2912	2915	rBV	28255996	39954567	28.22%	3.119%
73	20.462	2915	2920	2924	rVB	26082651	36727472	25.94%	2.867%
74	20.545	2929	2934	2939	rBV2	7712532	14368390	10.15%	1.122%
75	20.656	2950	2953	2959	rVB2	6290534	9035962	6.38%	0.705%
76	20.721	2960	2964	2975	rVB7	1719635	5037390	3.56%	0.393%

LSC Area Percent Report

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Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.850	2982	2986	2990	rBV	6787206	7867382	5.56%	0.614%
78	20.921	2993	2998	3002	rVV	28518798	37017871	26.15%	2.889%
79	20.956	3002	3004	3007	rVB2	2177237	2192248	1.55%	0.171%
80	21.044	3016	3019	3023	rVB	3178872	3921758	2.77%	0.306%
81	21.227	3046	3050	3054	rVB	5116210	6155552	4.35%	0.480%
82	21.397	3074	3079	3082	rBV	27852356	35678725	25.20%	2.785%
83	21.427	3082	3084	3086	rVV	7150828	7063650	4.99%	0.551%
84	21.450	3086	3088	3093	rVV	2919849	4071478	2.88%	0.318%
85	21.509	3093	3098	3103	rVV2	6690432	12802038	9.04%	0.999%
86	21.562	3103	3107	3113	rVB	7140411	9148576	6.46%	0.714%
87	21.662	3121	3124	3128	rVB	2096781	2249853	1.59%	0.176%
88	21.750	3135	3139	3144	rVB	3980755	4527939	3.20%	0.353%
89	22.133	3201	3204	3211	rVB2	1461801	2249226	1.59%	0.176%
90	22.356	3237	3242	3253	rVB	5864670	8959537	6.33%	0.699%
91	23.197	3379	3385	3390	rBV	4255795	8973158	6.34%	0.700%
92	23.250	3390	3394	3400	rVB	4351029	7167521	5.06%	0.559%
93	23.827	3487	3492	3500	rVB	2037119	4064636	2.87%	0.317%
94	23.938	3506	3511	3519	rVB2	1919273	3789257	2.68%	0.296%
95	25.274	3732	3738	3748	rVB	1644010	3947065	2.79%	0.308%
96	27.144	4049	4056	4062	rBV2	1410160	4191641	2.96%	0.327%

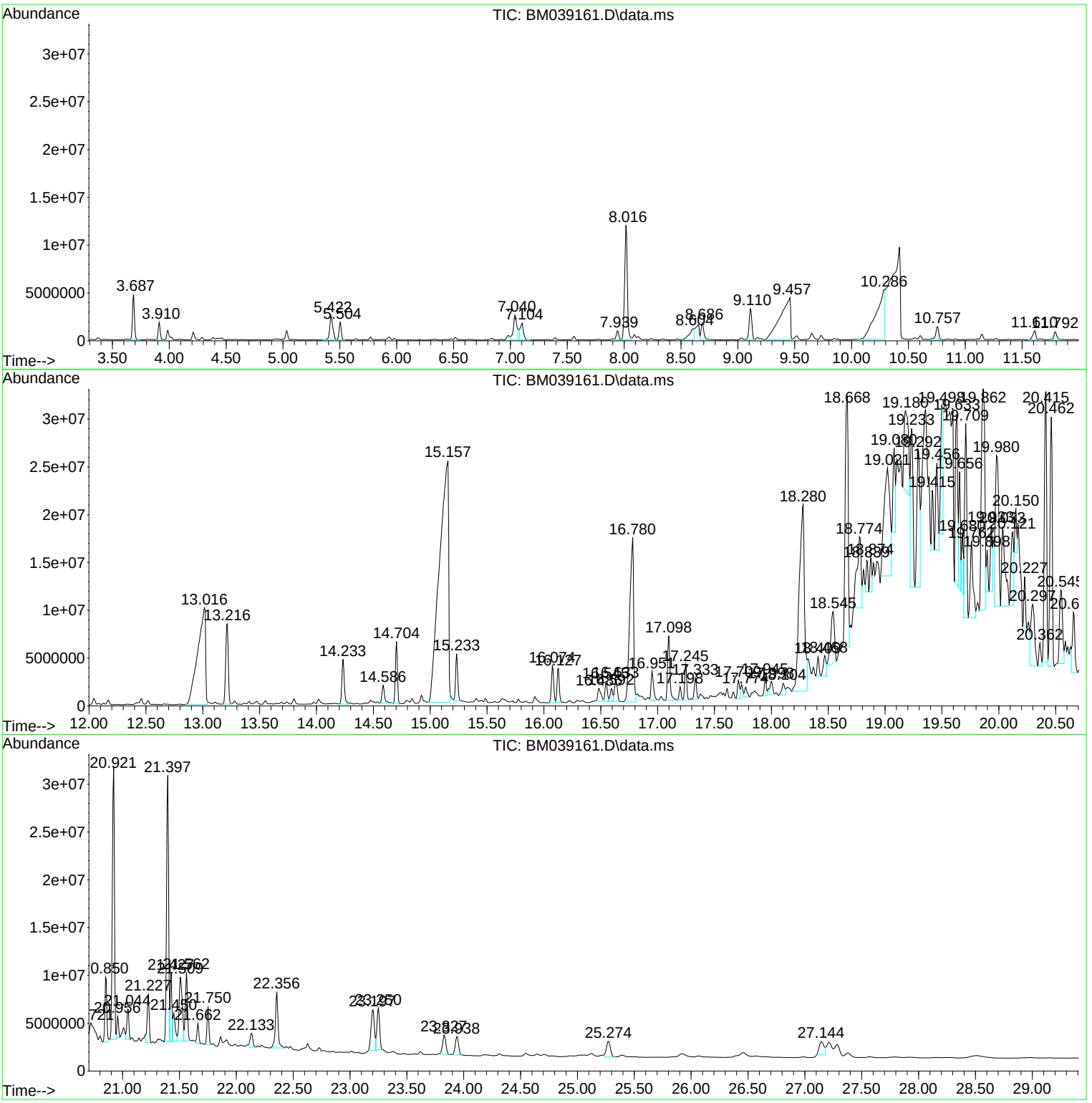
Sum of corrected areas: 1281157972

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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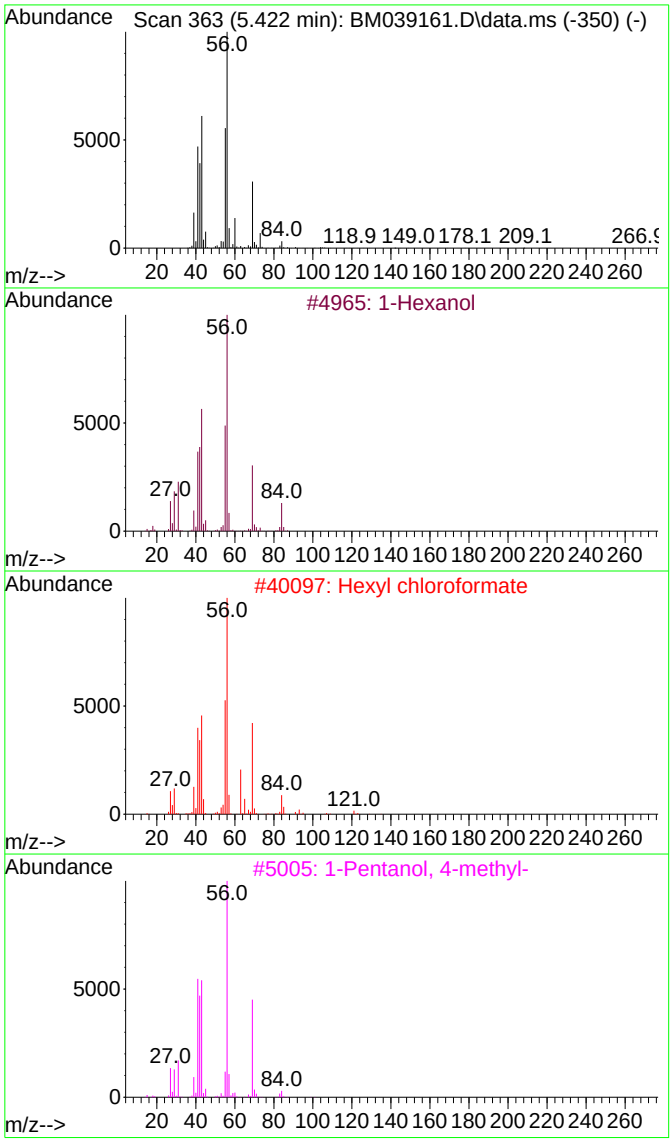
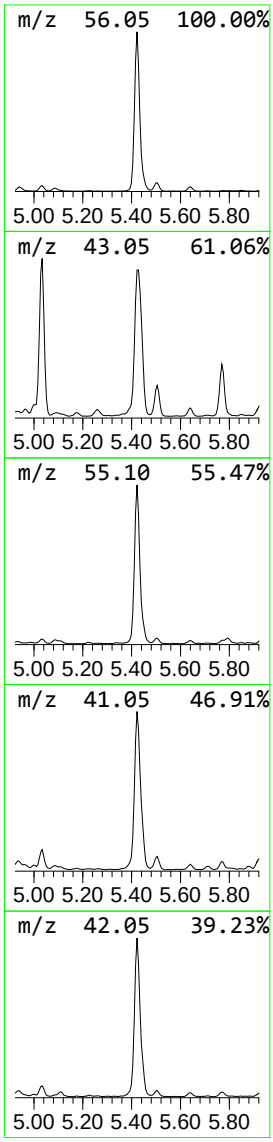
Peak Number 1 1-Hexanol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.422	67.24 ng	4800560	1,4-Dichlorobenzene-d4	7.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	78
2	Hexyl chloroformate	164	C7H13ClO2	006092-54-2	72
3	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	72
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	72
5	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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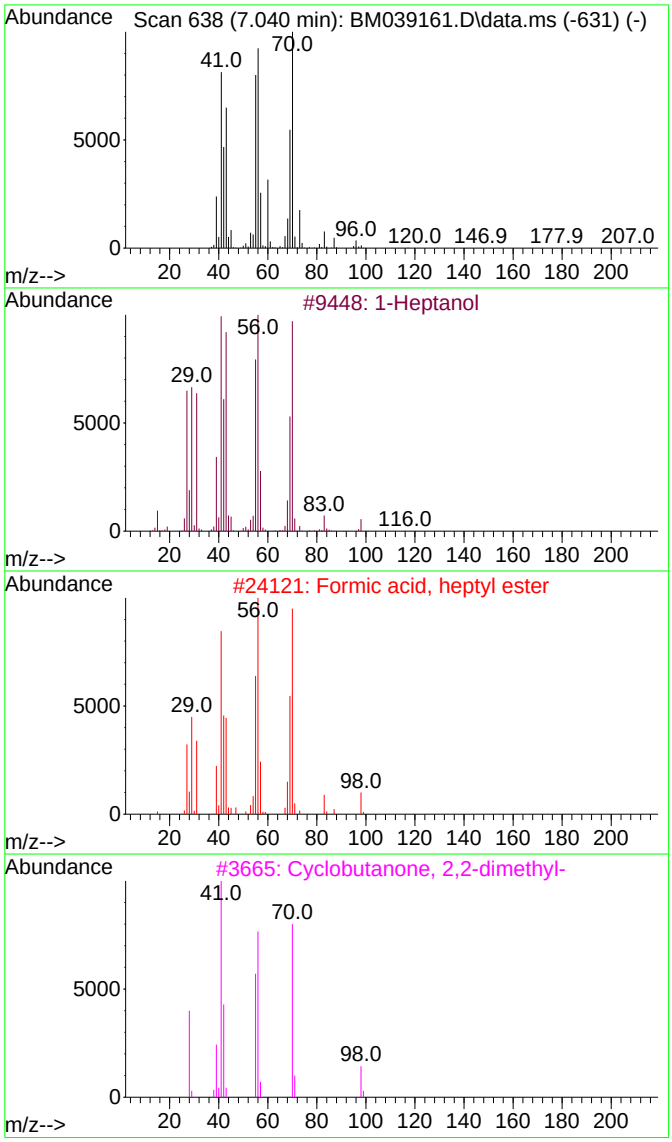
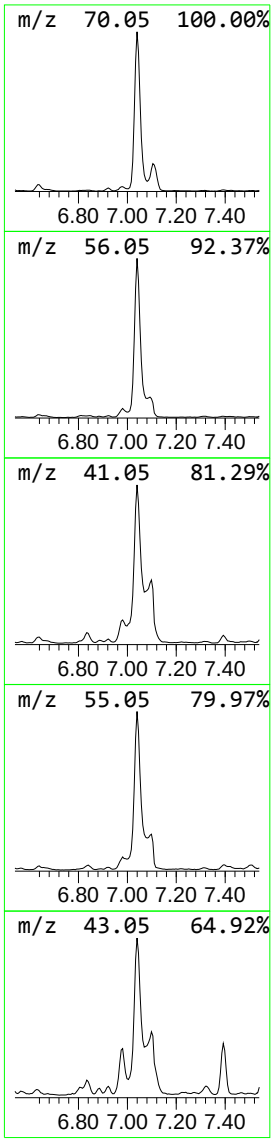
Peak Number 2 1-Heptanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.040	80.30 ng	5732590	1,4-Dichlorobenzene-d4	7.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptanol	116	C7H16O	000111-70-6	80
2	Formic acid, heptyl ester	144	C8H16O2	000112-23-2	72
3	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	59
4	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	53
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
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Operator : CG/JU
Sample : 02004-01
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Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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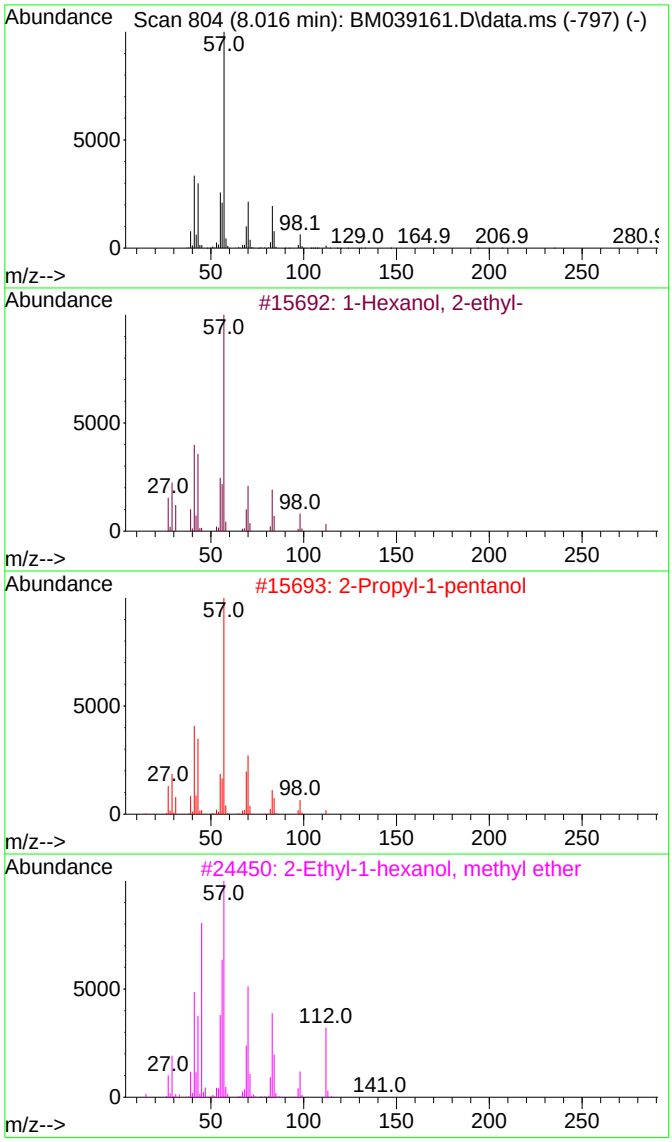
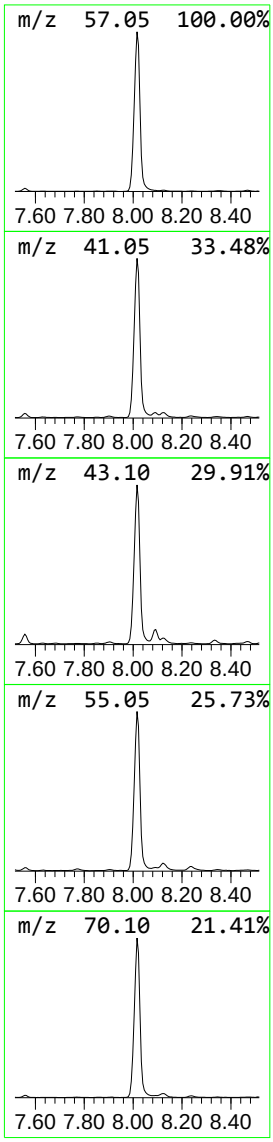
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	276.89 ng	19767000	1,4-Dichlorobenzene-d4	7.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	47
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45





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Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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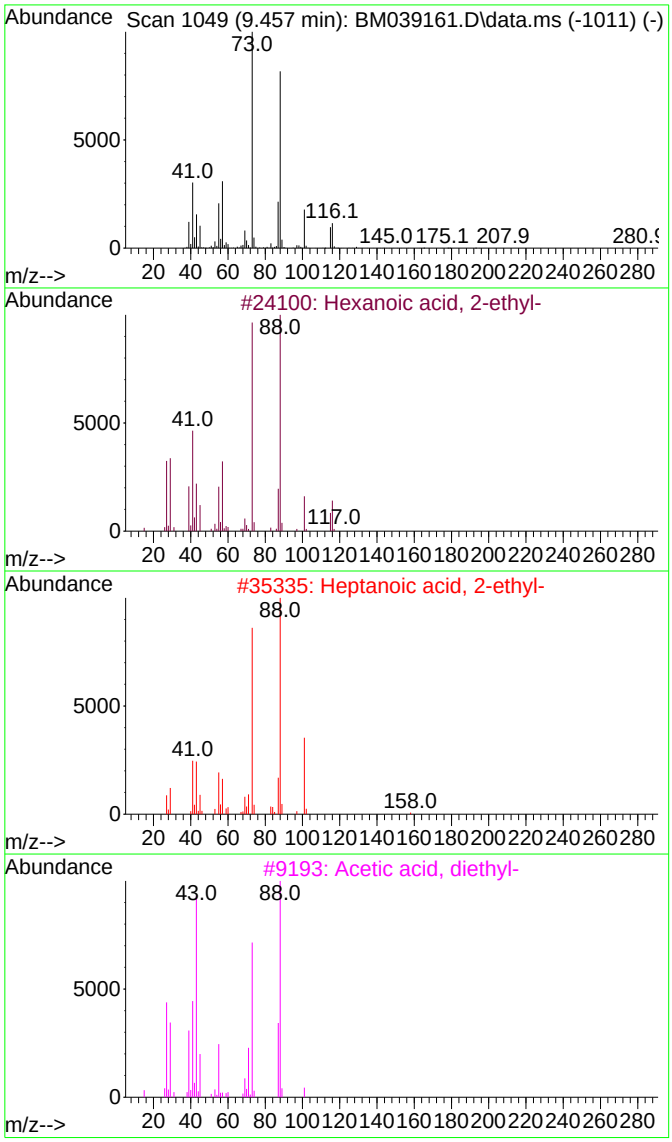
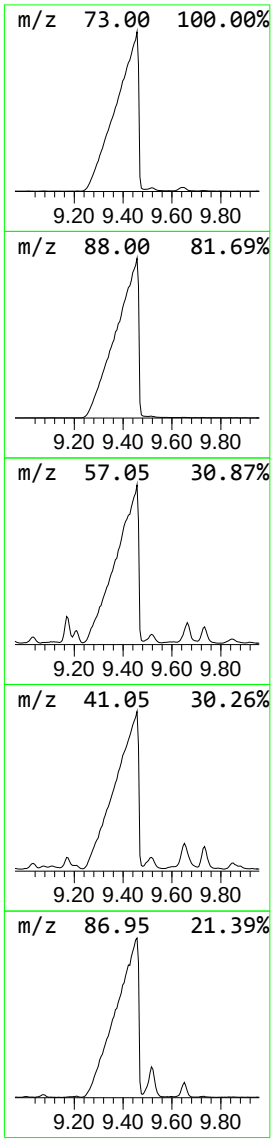
Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	217.89 ng	27898500	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Acetic acid, diethyl-	116	C6H12O2	000088-09-5	59
4	2-Ethyl-4-methylpentanoic acid	144	C8H16O2	000108-81-6	43
5	Methyl 2,3,4-tri-O-methyl-6-deox...	220	C10H20O5	072983-16-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

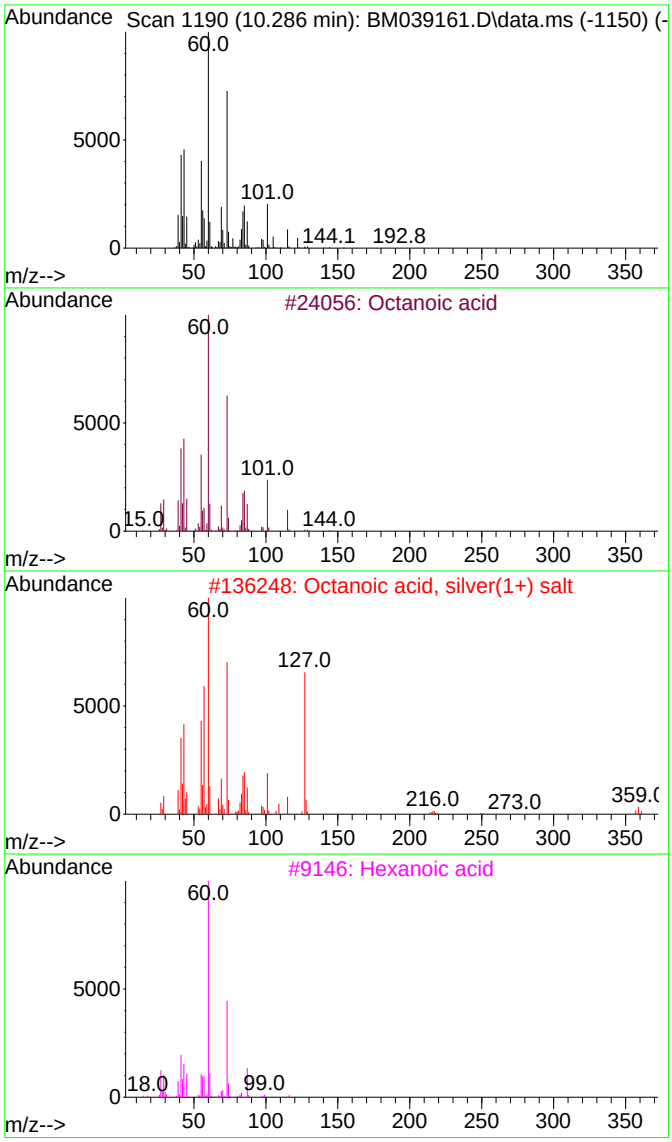
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

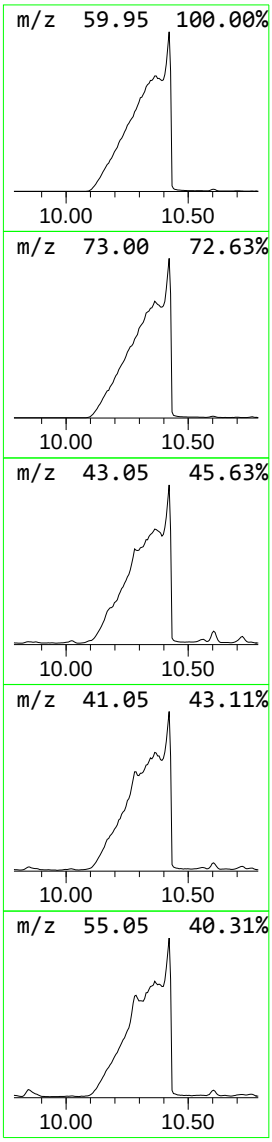
****

Peak Number 5 Octanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.286	219.29 ng	28077400	Naphthalene-d8	10.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	96
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	90
3	Hexanoic acid	116	C6H12O2	000142-62-1	52
4	Pentanoic acid	102	C5H10O2	000109-52-4	50
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47





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Operator : CG/JU
Sample : 02004-01
Misc :
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ClientSampleId :
EFF-WASTE-WATER

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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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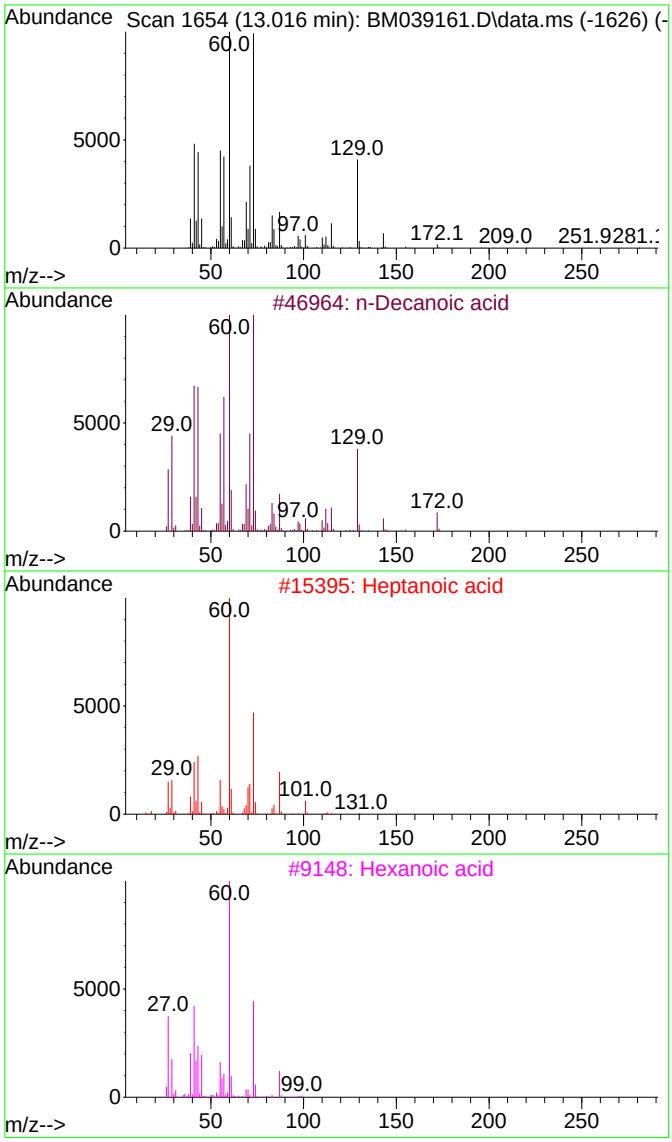
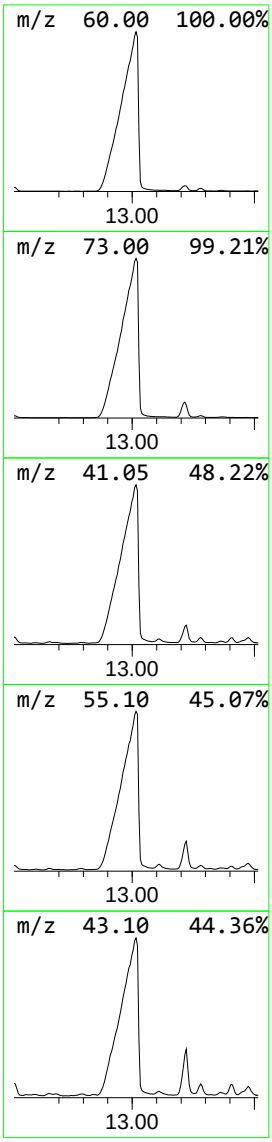
Peak Number 6 n-Decanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.016	319.71 ng	48651200	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	94
2	Heptanoic acid	130	C7H14O2	000111-14-8	50
3	Hexanoic acid	116	C6H12O2	000142-62-1	47
4	Pentanoic acid	102	C5H10O2	000109-52-4	43
5	Nonanoic acid	158	C9H18O2	000112-05-0	40





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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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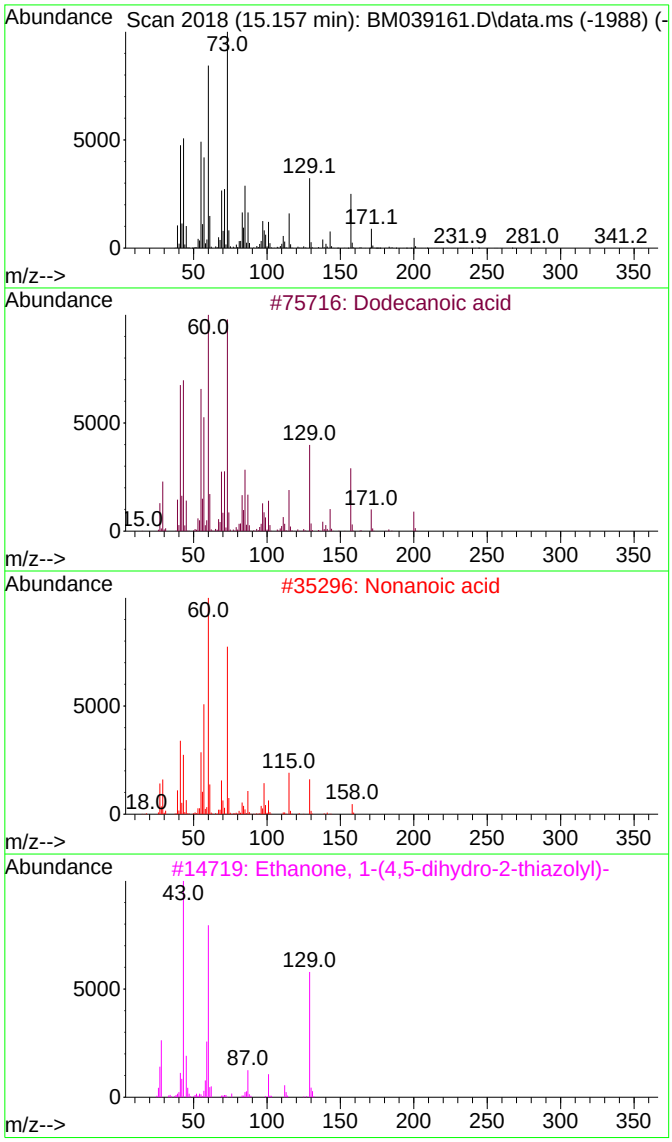
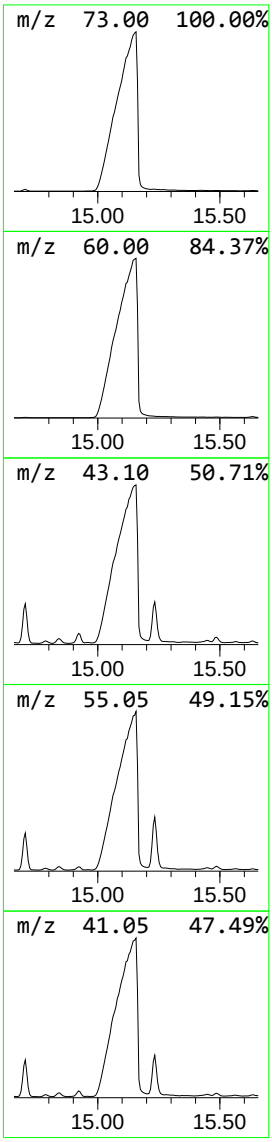
Peak Number 7 Dodecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	930.37 ng	141577000	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Nonanoic acid	158	C9H18O2	000112-05-0	58
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43
4	Butanoic acid	88	C4H8O2	000107-92-6	35
5	6-Methylheptanoic acid	144	C8H16O2	000929-10-2	22





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

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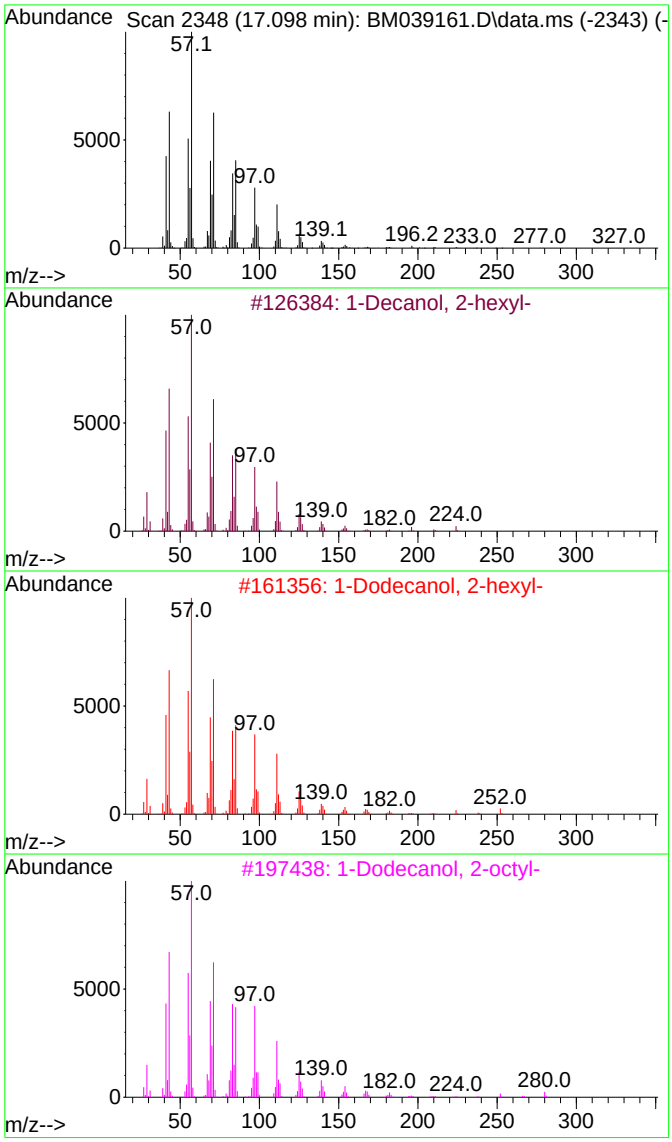
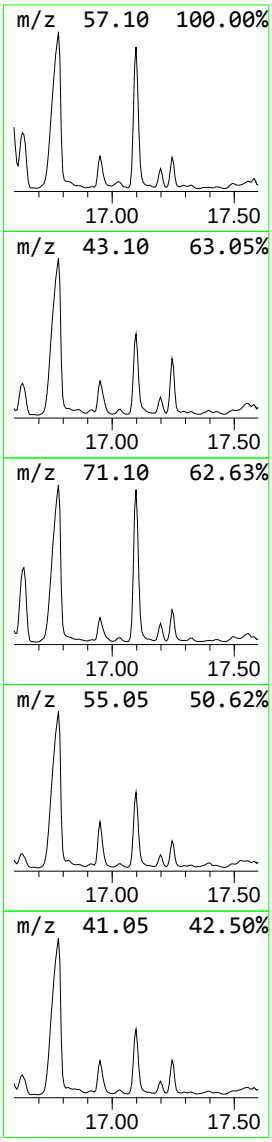
Peak Number 8 1-Decanol, 2-hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	64.72 ng	9870910	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
5	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	90





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
EFF-WASTE-WATER

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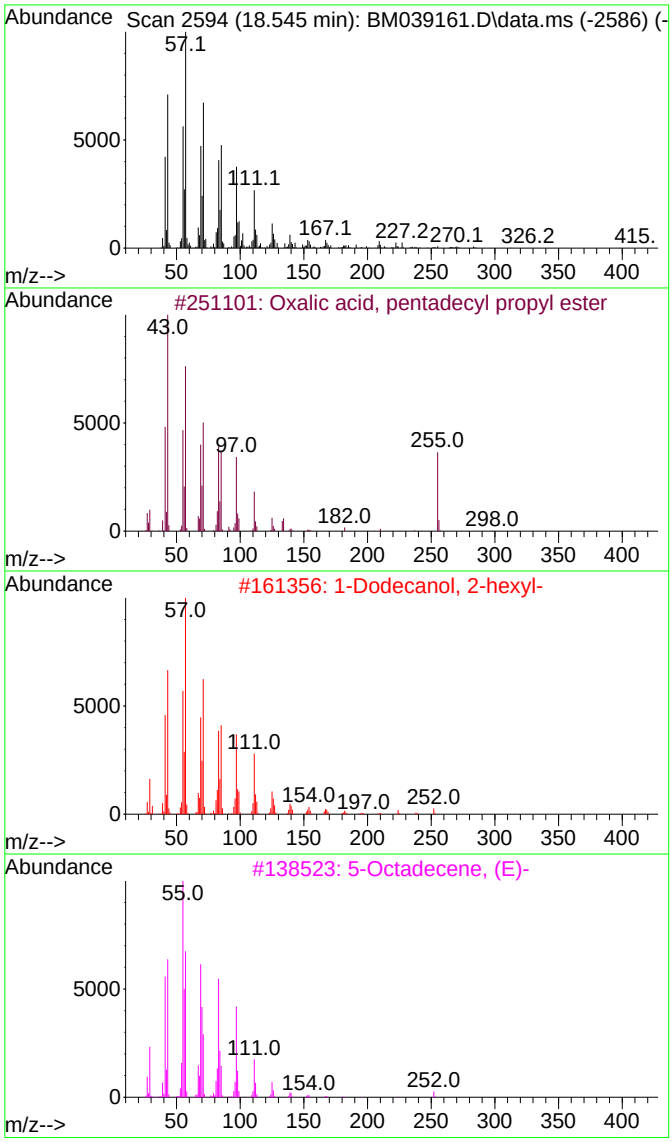
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

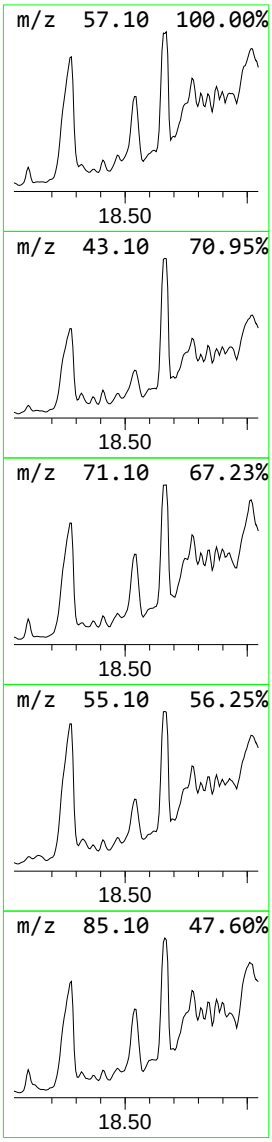
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Oxalic acid, pentadecyl pro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	81.67 ng	12455900	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91





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

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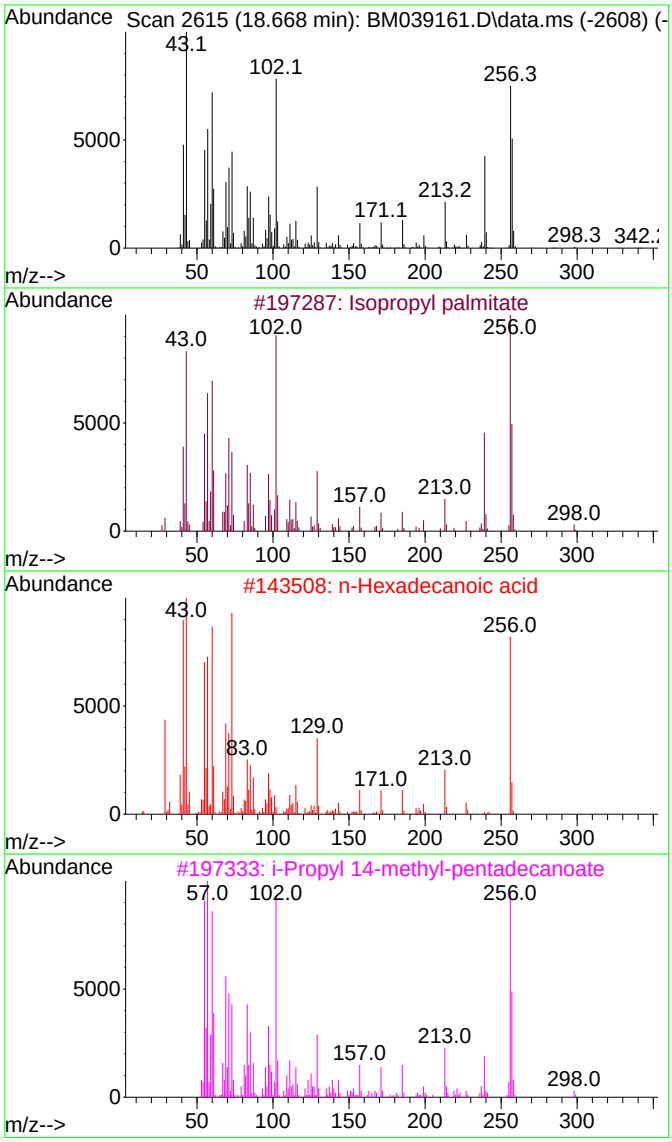
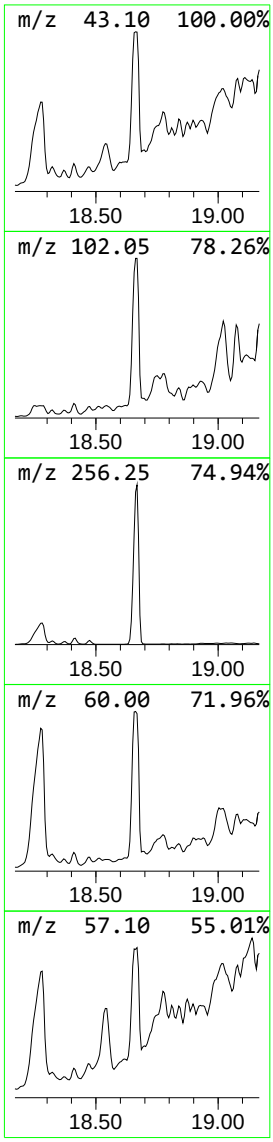
Peak Number 10 Isopropyl palmitate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	314.43 ng	47953100	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
3	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	58
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	25
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	22





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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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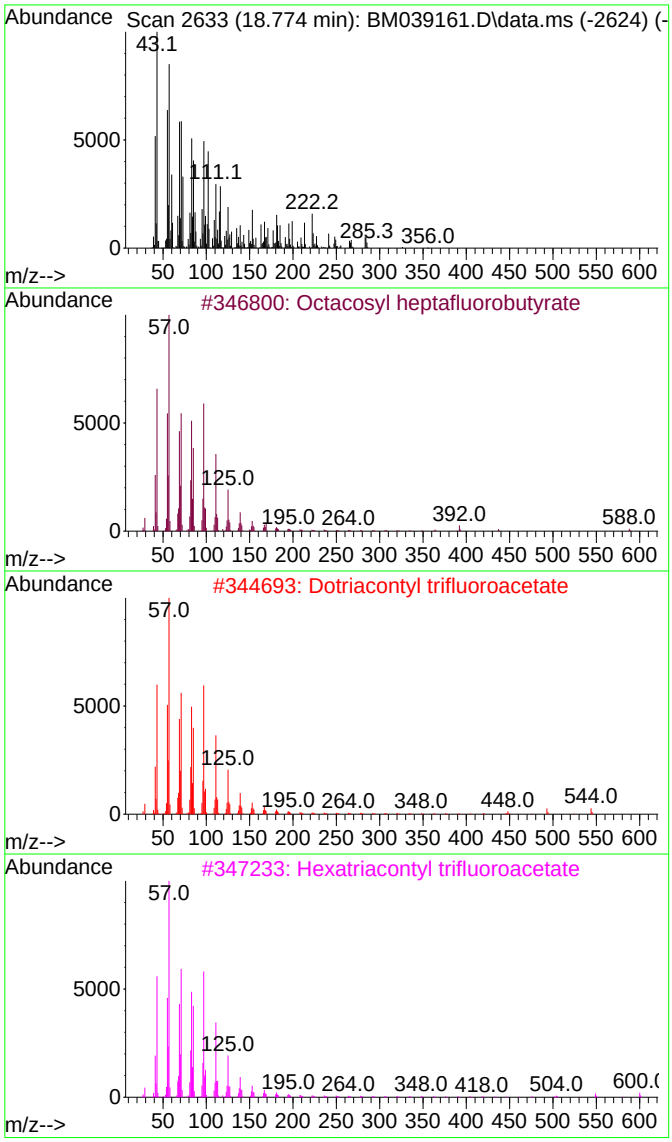
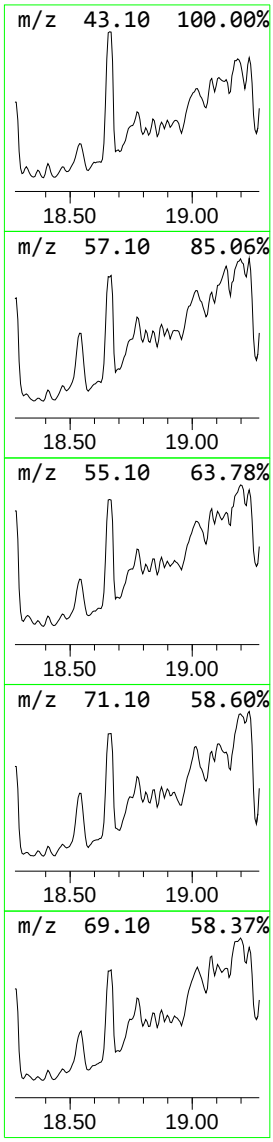
Peak Number 11 Octacosyl heptafluorobutyrate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.774	127.99 ng	19518600	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1010351-83-6	60
2	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	60
3	Hexatriacontyl trifluoroacetate	619	C38H73F3O2	1000351-88-6	60
4	Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	60
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1010351-81-4	60





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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

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

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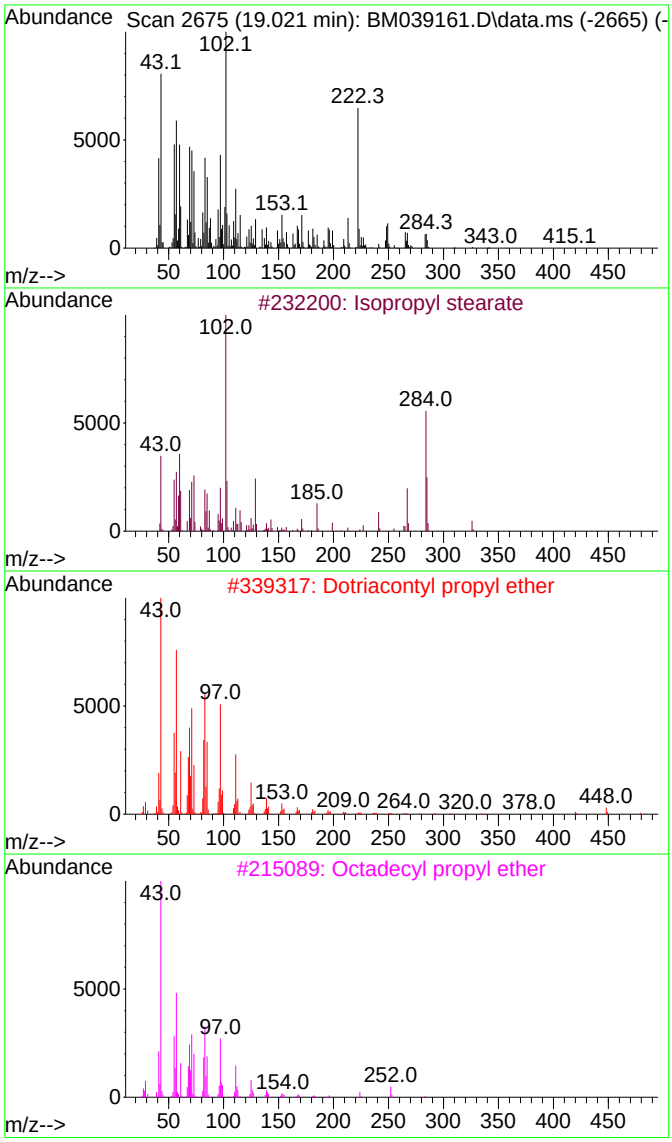
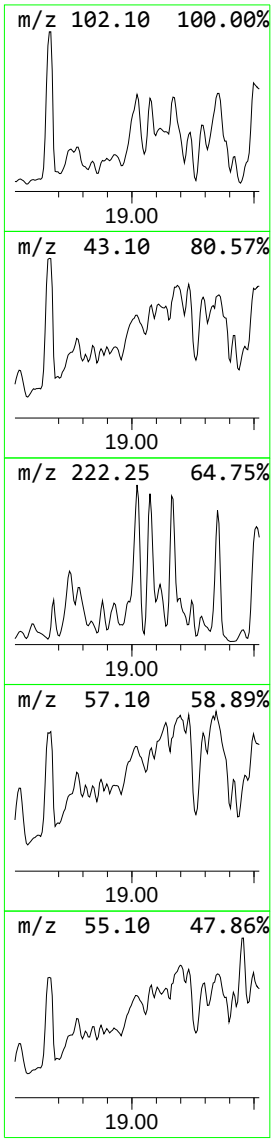
Peak Number 12 Isopropyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	273.39 ng	41693800	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	55
2	Dotriacontyl propyl ether	509	C35H72O	1000406-28-7	42
3	Octadecyl propyl ether	312	C21H44O	1000406-28-0	30
4	Docosyl propyl ether	368	C25H52O	1000406-28-2	30
5	Propyl triacontyl ether	481	C33H68O	1000406-28-6	30





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Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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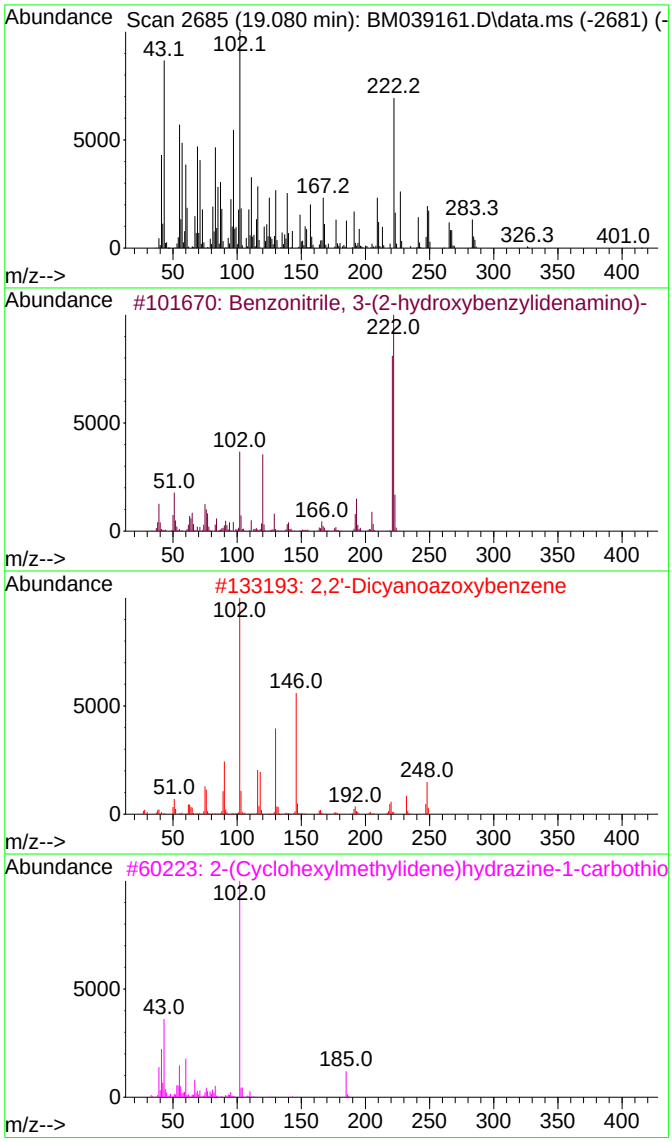
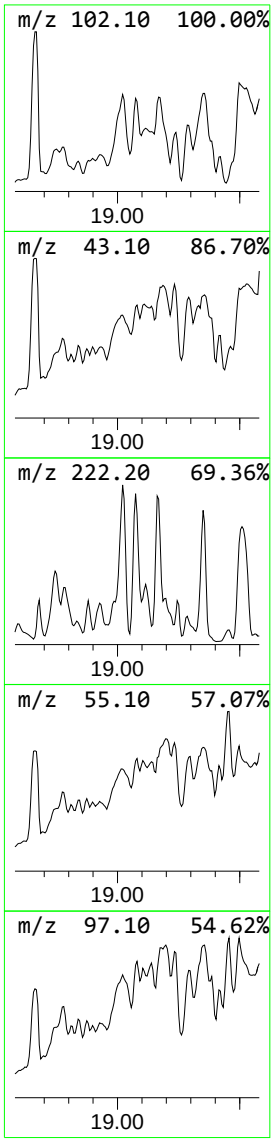
Peak Number 13 unknown19.080 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	79.69 ng	12152600	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-(2-hydroxybenzyl...	222	C14H10N2O	315671-72-8	27
2	2,2'-Dicyanoazoxybenzene	248	C14H8N4O	001885-69-4	22
3	2-(Cyclohexylmethylidene)hydrazi...	185	C8H15N3S	255715-64-1	16
4	Bicyclo[2.2.1]hept-5-en-2-yl-thi...	168	C8H12N2S	1000295-95-0	16
5	Isopropyl stearate	326	C21H42O2	000112-10-7	14





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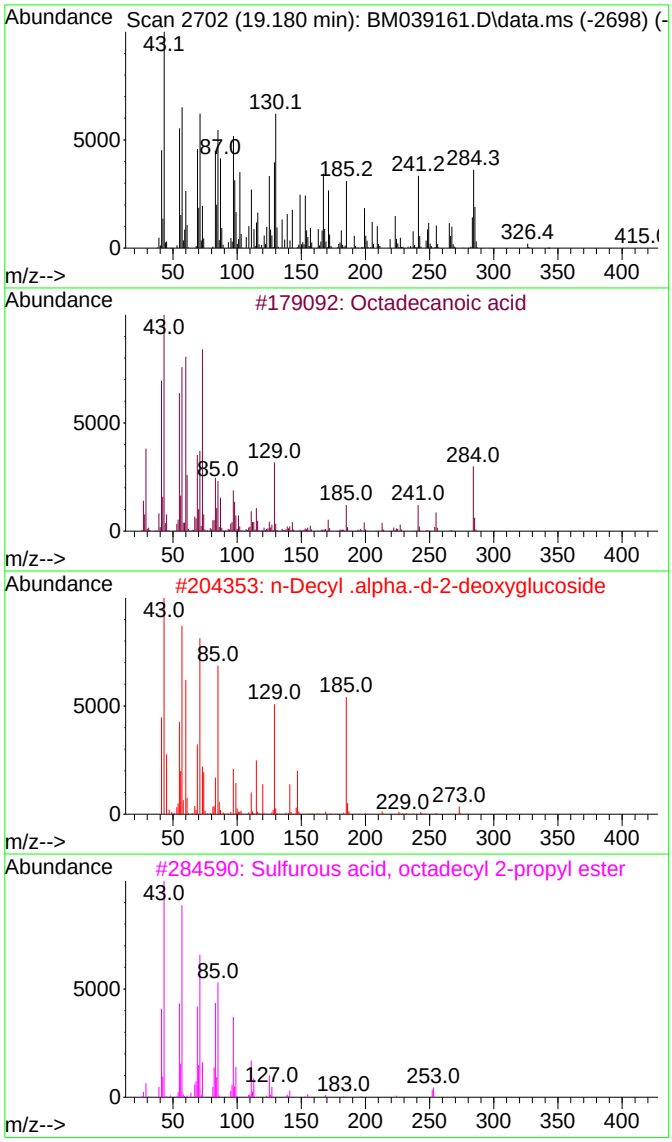
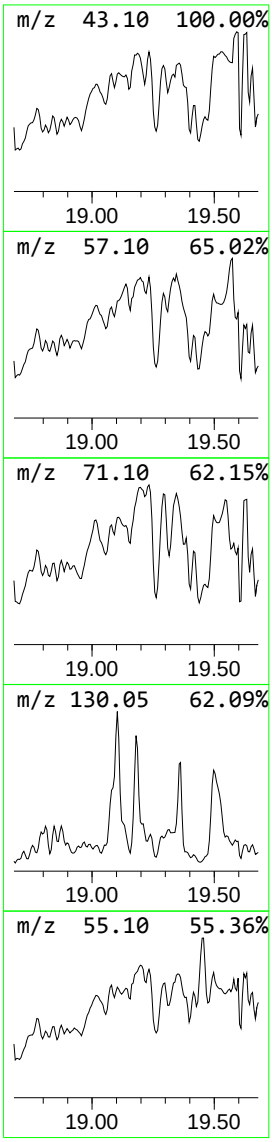
Peak Number 14 unknown19.180 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	145.54 ng	22196000	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	27
2	n-Decyl .alpha.-d-2-deoxyglucoside	304	C16H32O5	1000211-42-8	18
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	15
4	3-Isothiazolecarboxylic acid	129	C4H3NO2S	004576-90-3	14
5	Benzene, 1-chlorodifluoromethoxy...	223	C7H4ClF2NO3	040750-71-8	11





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

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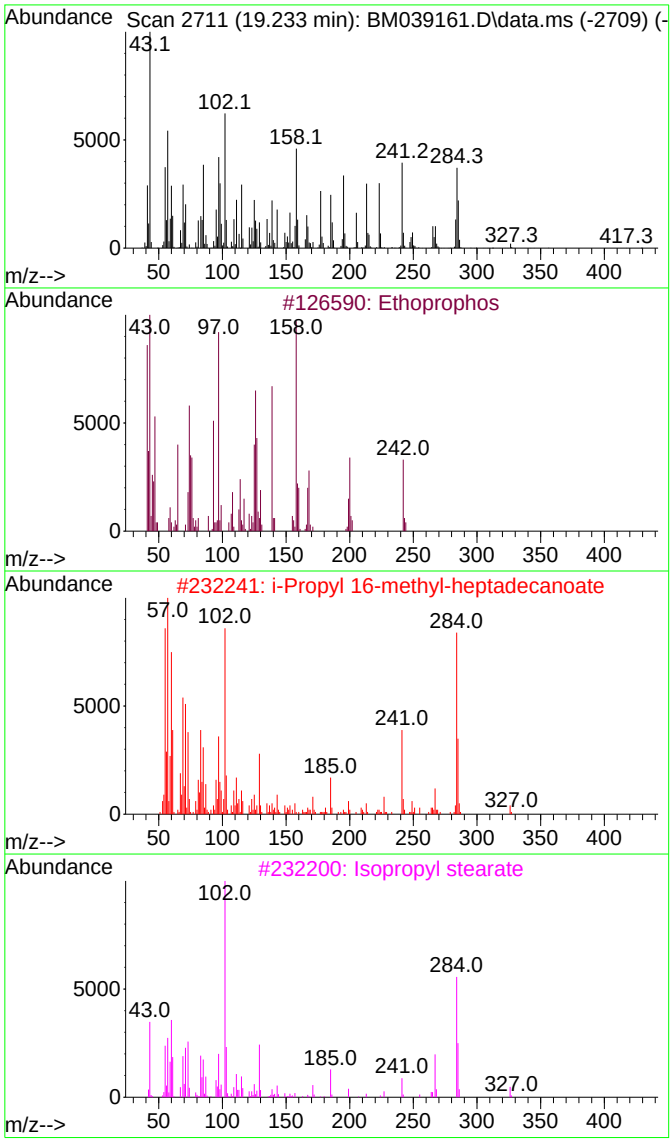
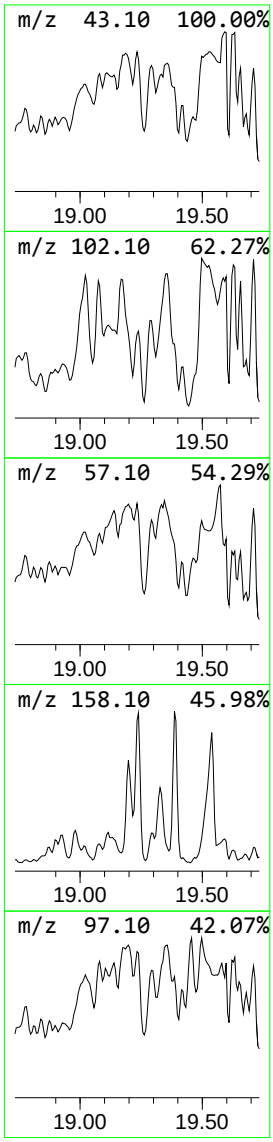
Peak Number 15 Ethoprophos Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	146.50 ng	22341600	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethoprophos	242	C8H19O2PS2	013194-48-4	90
2	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	56
3	Isopropyl stearate	326	C21H42O2	000112-10-7	25
4	3-Ethyl-4-hydroxy-dihydro-furan-...	130	C6H10O3	1010190-88-4	10
5	Heneicosane, 11-cyclopentyl-	364	C26H52	006703-81-7	10





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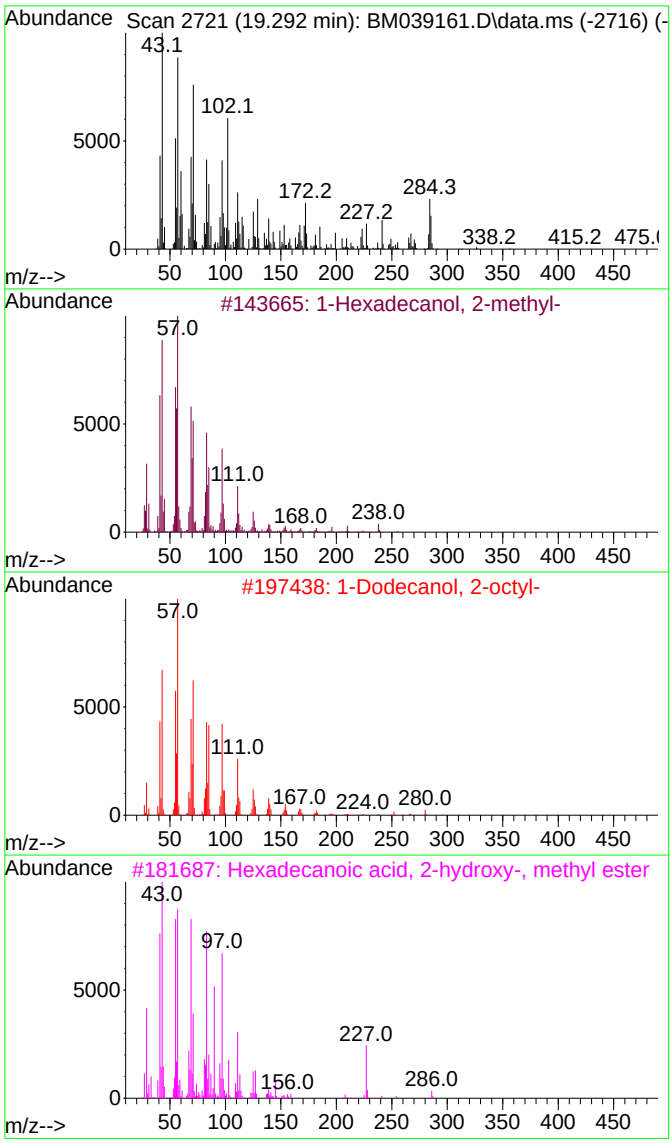
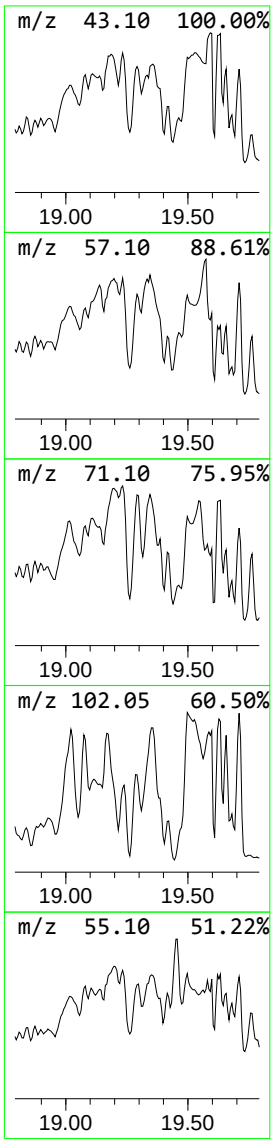
Peak Number 16 1-Hexadecanol, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	172.05 ng	26238300	Phenanthrene-d10	17.333

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	64
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	50
3	Hexadecanoic acid, 2-hydroxy-, m...	286	C17H34O3	016742-51-1	47
4	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	45
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	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

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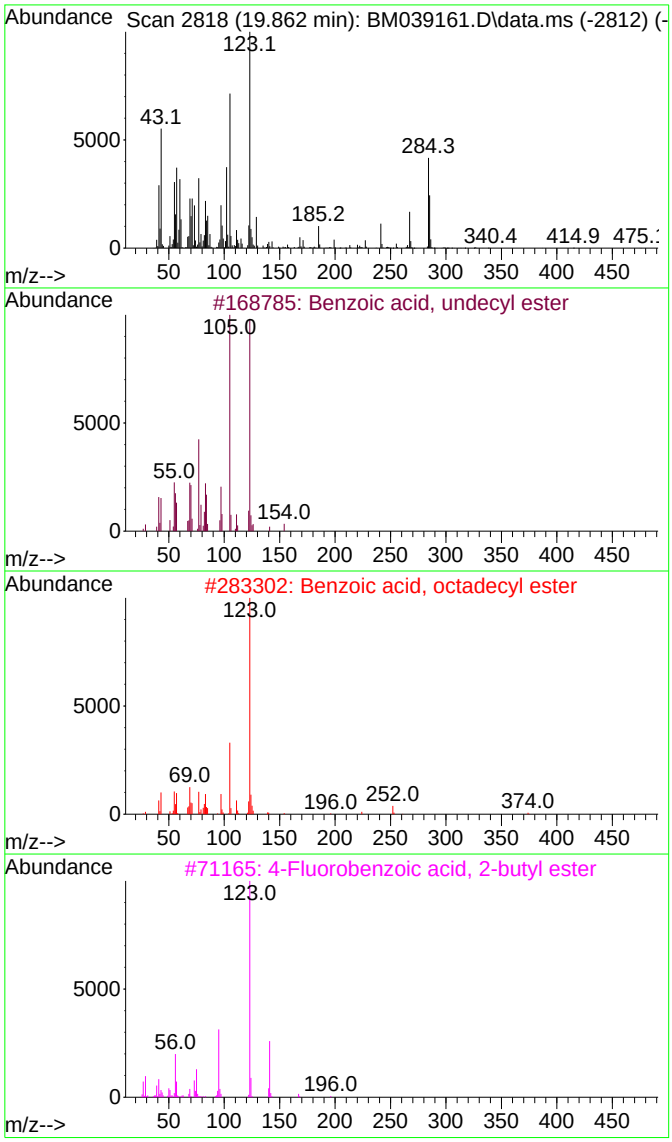
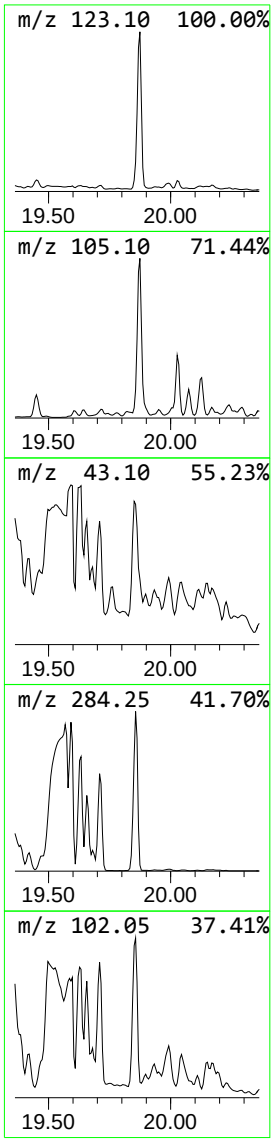
Peak Number 17 unknown19.862 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.862	77.66 ng	49712900	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, undecyl ester	276	C18H28O2	006316-30-9	38
2	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	27
3	4-Fluorobenzoic acid, 2-butyl ester	196	C11H13FO2	090172-12-6	25
4	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	22
5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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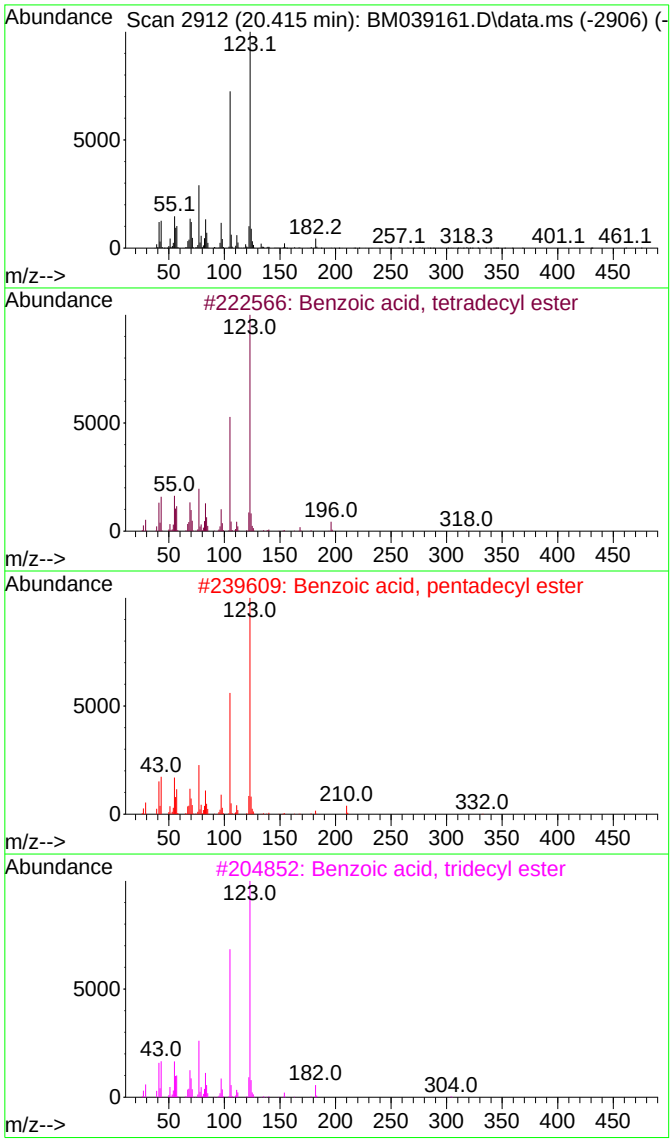
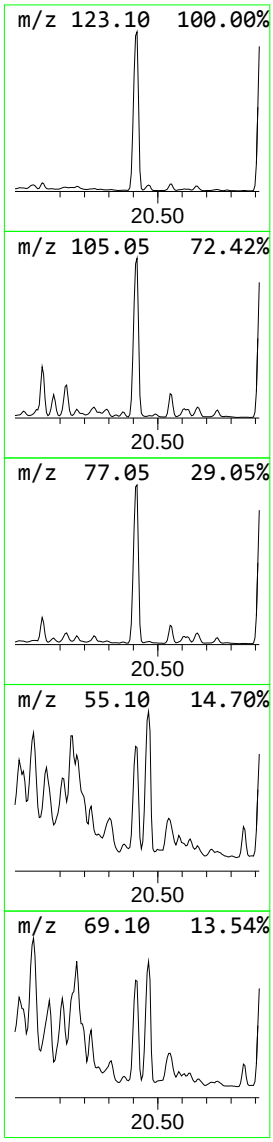
Peak Number 18 Benzoic acid, tetradecyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.415	62.42 ng	39954600	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	98
2	Benzoic acid, pentadecyl ester	332	C22H36O2	1000340-22-8	91
3	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
4	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
5	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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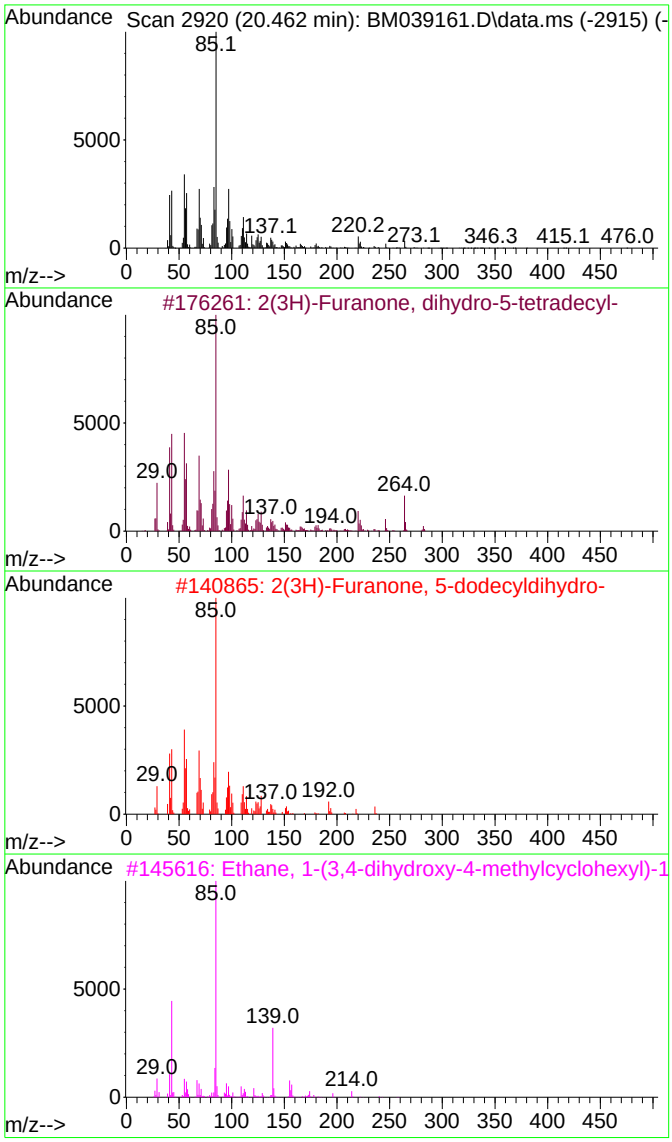
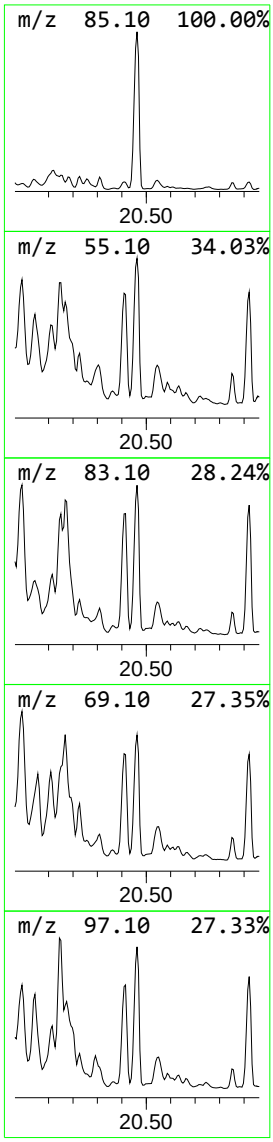
Peak Number 19 2(3H)-Furanone, dihydro-5-t... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.462	57.38 ng	36727500	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, dihydro-5-tetrad...	282	C18H34O2	000502-26-1	91
2	2(3H)-Furanone, 5-dodecyldihydro-	254	C16H30O2	000730-46-1	49
3	Ethane, 1-(3,4-dihydroxy-4-methy...	258	C14H26O4	1000162-77-3	47
4	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	47
5	2(3H)-Furanone, dihydro-5-pentyl-	156	C9H16O2	000104-61-0	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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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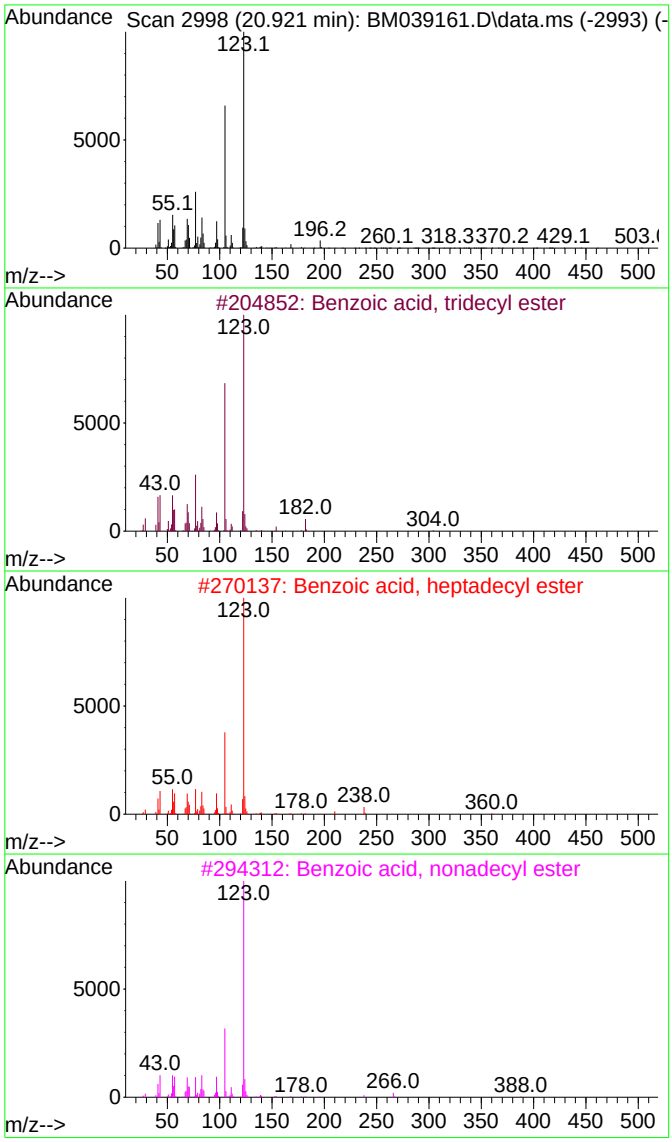
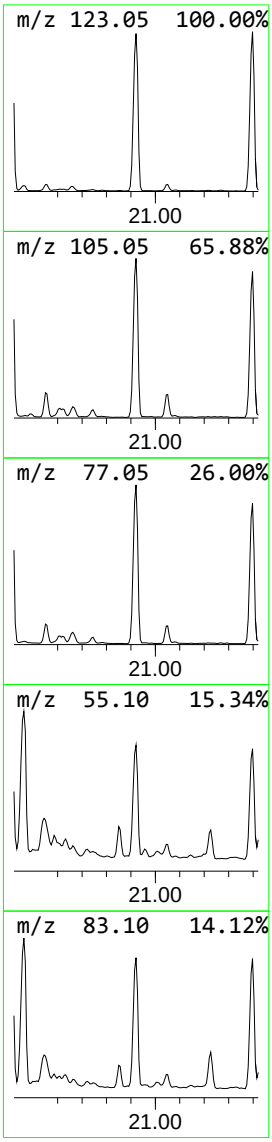
Peak Number 20 Benzoic acid, tridecyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.921	57.83 ng	37017900	Chrysene-d12	21.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, tridecyl ester	304	C20H32O2	1010340-22-6	91
2	Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
3	Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
4	Benzoic acid, octadecyl ester	374	C25H42O2	010578-34-4	91
5	Benzoic acid, tetradecyl ester	318	C21H34O2	1000340-22-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039161.D
Acq On : 27 Mar 2023 15:26
Operator : CG/JU
Sample : 02004-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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-Hexanol	5.422	67.2	ng	4800560	1	7.939	1427800	20.0
1-Heptanol	7.040	80.3	ng	5732590	1	7.939	1427800	20.0
1-Hexanol, 2-et...	8.016	276.9	ng	19767000	1	7.939	1427800	20.0
Hexanoic acid, ...	9.457	217.9	ng	27898500	2	10.757	2560750	20.0
Octanoic acid	10.286	219.3	ng	28077400	2	10.757	2560750	20.0
n-Decanoic acid	13.016	319.7	ng	48651200	3	14.586	3043470	20.0
Dodecanoic acid	15.157	930.4	ng	141577000	3	14.586	3043470	20.0
1-Decanol, 2-he...	17.098	64.7	ng	9870910	4	17.333	3050150	20.0
Oxalic acid, pe...	18.545	81.7	ng	12455900	4	17.333	3050150	20.0
Isopropyl palmi...	18.668	314.4	ng	47953100	4	17.333	3050150	20.0
Octacosyl hepta...	18.774	128.0	ng	19518600	4	17.333	3050150	20.0
Isopropyl stearate	19.021	273.4	ng	41693800	4	17.333	3050150	20.0
unknown19.080	19.080	79.7	ng	12152600	4	17.333	3050150	20.0
unknown19.180	19.180	145.5	ng	22196000	4	17.333	3050150	20.0
Ethoprophos	19.233	146.5	ng	22341600	4	17.333	3050150	20.0
1-Hexadecanol, ...	19.292	172.1	ng	26238300	4	17.333	3050150	20.0
unknown19.862	19.862	77.7	ng	49712900	5	21.521	12802000	20.0
Benzoic acid, t...	20.415	62.4	ng	39954600	5	21.521	12802000	20.0
2(3H)-Furanone,...	20.462	57.4	ng	36727500	5	21.521	12802000	20.0
Benzoic acid, t...	20.921	57.8	ng	37017900	5	21.521	12802000	20.0