LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
Operator : JU
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	4	11	19	rBV	410215	689436	5.56%	0.487%
2	3.763	110	115	125	rVB	323280	457143	3.68%	0.323%
3	3.887	130	136	145	rVB	137735	205047	1.65%	0.145%
4	5.502	400	411	416	rBV	1732358	3071528	24.75%	2.168%
5	5.590	422	426	440	rVB	224603	387332	3.12%	0.273%
6	6.084	504	510	519	rVB	135956	207336	1.67%	0.146%
7	6.348	548	555	564	rBV	396796	625124	5.04%	0.441%
8	7.200	676	700	709	rBV5	250463	1239991	9.99%	0.875%
9	7.541	750	758	766	rBV	317627	590640	4.76%	0.417%
10	7.993	826	835	838	rBV	96424	171573	1.38%	0.121%
11	8.082	838	850	873	rVB	2458806	5382118	43.37%	3.798%
12	8.317	879	890	899	rVB	385974	685897	5.53%	0.484%
13	8.734	941	961	968	rBV	508788	1500874	12.09%	1.059%
14	9.157	1025	1033	1042	rBV	311903	570979	4.60%	0.403%
15	9.245	1042	1048	1056	rVB	242575	370826	2.99%	0.262%
16	9.556	1064	1101	1105	rBV3	572163	3506011	28.25%	2.474%
17	10.491	1213	1260	1270	rBV5	677645	6108772	49.22%	4.311%
18	10.796	1300	1312	1320	rBV	125067	248133	2.00%	0.175%
19	11.677	1455	1462	1474	rBV3	99207	235169	1.89%	0.166%
20	13.011	1672	1689	1703	rBV3	476873	1663952	13.41%	1.174%
21	13.246	1722	1729	1733	rBV	1094934	1923169	15.50%	1.357%
22	13.581	1780	1786	1801	rBV3	161151	336249	2.71%	0.237%
23	14.075	1862	1870	1880	rBV	124112	206790	1.67%	0.146%
24	14.627	1954	1964	1971	rBV3	262110	567465	4.57%	0.400%
25	14.692	1971	1975	1980	rBV	248529	341476	2.75%	0.241%
26	15.115	2033	2047	2055	rBV	996637	2498098	20.13%	1.763%
27	15.667	2135	2141	2146	rBV	309755	416920	3.36%	0.294%
28	16.113	2210	2217	2229	rVV	560044	927804	7.48%	0.655%
29	16.307	2246	2250	2260	rVB3	173530	308848	2.49%	0.218%
30	16.542	2279	2290	2294	rBV	1104509	1934720	15.59%	1.365%
31	16.589	2294	2298	2303	rVV	2534963	4094526	32.99%	2.889%
32	16.636	2303	2306	2321	rVV	1339132	2469311	19.90%	1.743%
33	16.783	2325	2331	2337	rVV	221042	327906	2.64%	0.231%
34	17.136	2386	2391	2405	rVB	161787	350854	2.83%	0.248%

LSC Area Percent Report

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Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

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_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.271	2410	2414	2420	rVB	168471	225838	1.82%	0.159%
36	17.371	2425	2431	2436	rBV	261430	425516	3.43%	0.300%
37	17.747	2490	2495	2502	rVB	212144	334083	2.69%	0.236%
38	17.841	2507	2511	2517	rBV3	110167	184063	1.48%	0.130%
39	18.135	2557	2561	2564	rBV	110206	150977	1.22%	0.107%
40	18.287	2580	2587	2594	rBV	937955	1781374	14.35%	1.257%
41	18.563	2630	2634	2643	rVB	344448	793571	6.39%	0.560%
42	18.681	2649	2654	2659	rBV	2280396	2793405	22.51%	1.971%
43	18.746	2660	2665	2681	rBV	864226	3353787	27.02%	2.367%
44	18.857	2681	2684	2688	rVV	169272	216429	1.74%	0.153%
45	19.016	2704	2711	2713	rBV2	493684	919776	7.41%	0.649%
46	19.092	2720	2724	2726	rBV	793767	938445	7.56%	0.662%
47	19.122	2726	2729	2731	rVV3	322875	419152	3.38%	0.296%
48	19.192	2736	2741	2747	rVV4	1319942	3433275	27.67%	2.423%
49	19.245	2747	2750	2755	rVB	833854	1146668	9.24%	0.809%
50	19.304	2755	2760	2763	rBV	733968	1192085	9.61%	0.841%
51	19.362	2763	2770	2778	rVB5	1222281	3346631	26.97%	2.362%
52	19.427	2778	2781	2785	rVB	524913	566678	4.57%	0.400%
53	19.480	2785	2790	2791	rBV2	340929	424320	3.42%	0.299%
54	19.521	2791	2797	2802	rVV3	5762690	12410113	100.00%	8.758%
55	19.586	2806	2808	2812	rVB	2039847	1923066	15.50%	1.357%
56	19.627	2812	2815	2818	rBV	1328170	1441619	11.62%	1.017%
57	19.662	2818	2821	2823	rVV	422689	422410	3.40%	0.298%
58	19.715	2827	2830	2832	rVV	1155912	1355495	10.92%	0.957%
59	19.744	2832	2835	2838	rVV	2270492	2555642	20.59%	1.803%
60	19.774	2838	2840	2848	rVB	830770	1186738	9.56%	0.837%
61	19.868	2850	2856	2861	rBV2	5786876	6943848	55.95%	4.900%
62	19.944	2865	2869	2871	rBV3	165341	223350	1.80%	0.158%
63	19.985	2871	2876	2883	rVB	1980754	3003672	24.20%	2.120%
64	20.044	2883	2886	2890	rBV2	201172	265050	2.14%	0.187%
65	20.079	2890	2892	2897	rVB2	224879	284353	2.29%	0.201%
66	20.132	2897	2901	2903	rBV2	289379	381276	3.07%	0.269%
67	20.256	2916	2922	2924	rBV2	1225738	1636333	13.19%	1.155%
68	20.279	2924	2926	2938	rVB	1255418	1743732	14.05%	1.231%
69	20.420	2946	2950	2954	rVV	512227	598334	4.82%	0.422%
70	20.461	2954	2957	2961	rVV3	214314	247702	2.00%	0.175%
71	20.520	2963	2967	2969	rVV	336163	381921	3.08%	0.270%

LSC Area Percent Report

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Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	20.549	2969	2972	2979	rVV2	397184	611607	4.93%	0.432%
73	20.626	2982	2985	2990	rVB	142734	181684	1.46%	0.128%
74	20.773	3005	3010	3013	rBV	510339	690397	5.56%	0.487%
75	20.867	3021	3026	3034	rVB2	407063	611757	4.93%	0.432%
76	20.937	3034	3038	3042	rVB	365800	446776	3.60%	0.315%
77	21.296	3091	3099	3106	rBV	7611947	10932424	88.09%	7.715%
78	21.478	3126	3130	3137	rVB4	292472	660720	5.32%	0.466%
79	21.542	3137	3141	3149	rVV	184936	299168	2.41%	0.211%
80	21.636	3152	3157	3168	rVB2	398937	720686	5.81%	0.509%
81	21.818	3184	3188	3191	rBV	93585	149380	1.20%	0.105%
82	21.924	3201	3206	3214	rVB2	358904	614959	4.96%	0.434%
83	22.124	3236	3240	3246	rVB2	117894	193995	1.56%	0.137%
84	22.435	3284	3293	3301	rBV	2629420	4454564	35.89%	3.144%
85	22.559	3307	3314	3325	rVB2	211229	590893	4.76%	0.417%
86	22.647	3325	3329	3338	rVB4	117678	321219	2.59%	0.227%
87	22.741	3339	3345	3353	rBV2	153461	466623	3.76%	0.329%
88	23.093	3401	3405	3412	rVB2	82801	147547	1.19%	0.104%
89	23.234	3424	3429	3435	rVB2	174645	327933	2.64%	0.231%
90	23.910	3534	3544	3550	rBV	844520	1971564	15.89%	1.391%
91	23.969	3550	3554	3565	rVB3	109441	299723	2.42%	0.212%
92	24.163	3581	3587	3593	rBV2	92544	215201	1.73%	0.152%
93	24.815	3689	3698	3709	rVB3	259547	735860	5.93%	0.519%
94	25.967	3880	3894	3907	rBV2	231761	833390	6.72%	0.588%
95	26.830	4038	4041	4057	rVB5	120615	358261	2.89%	0.253%
96	27.065	4068	4081	4099	rVB2	845788	2960632	23.86%	2.089%
97	28.928	4391	4398	4412	rVB6	54390	202471	1.63%	0.143%
98	30.044	4576	4588	4599	rBV8	136020	690448	5.56%	0.487%
99	30.203	4601	4615	4626	rVV4	673656	3687485	29.71%	2.602%
100	30.326	4629	4636	4653	rVB4	756615	3056601	24.63%	2.157%

Sum of corrected areas: 141706712

LSC Report - Integrated Chromatogram

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Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
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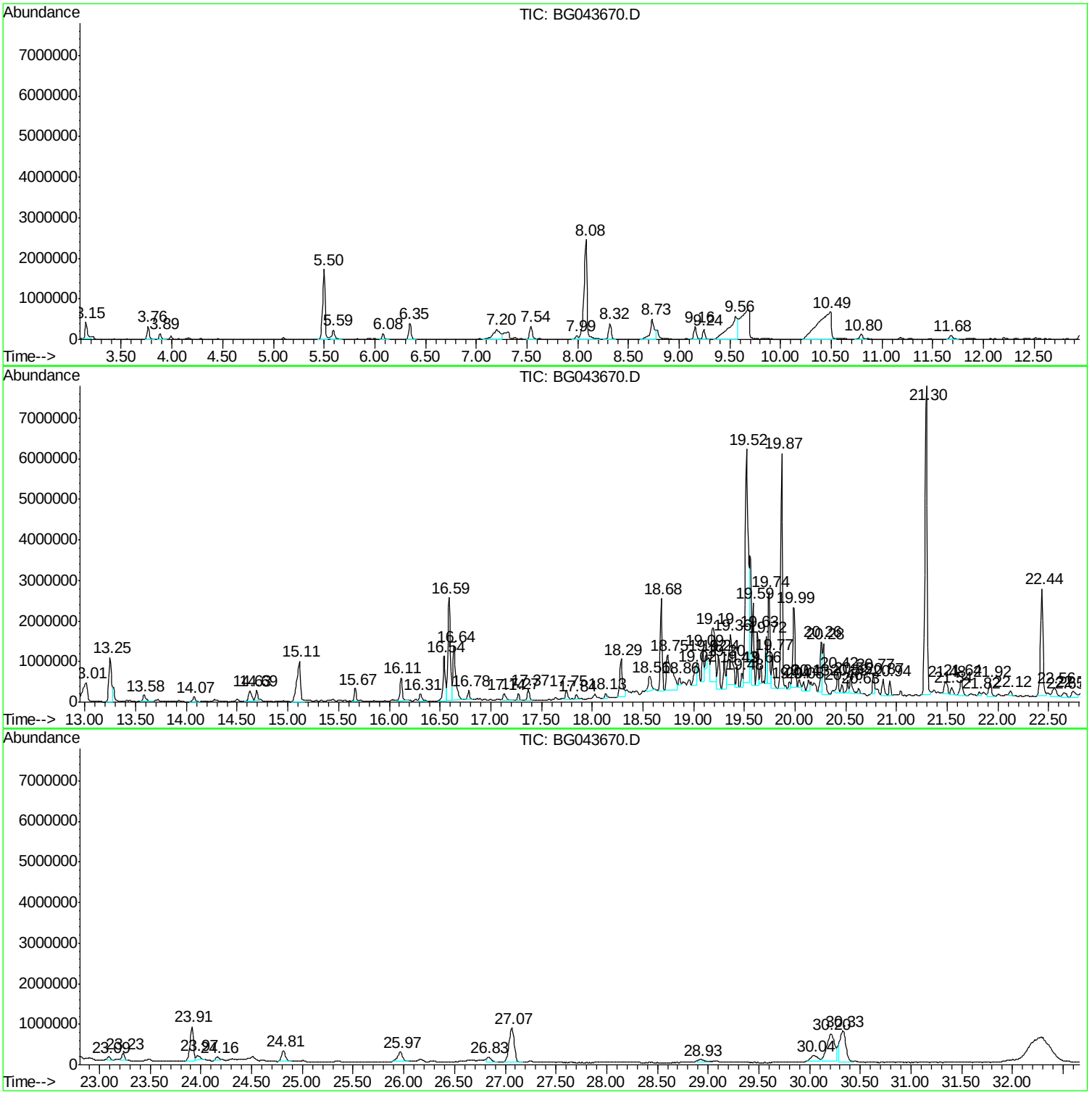
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
Operator : JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

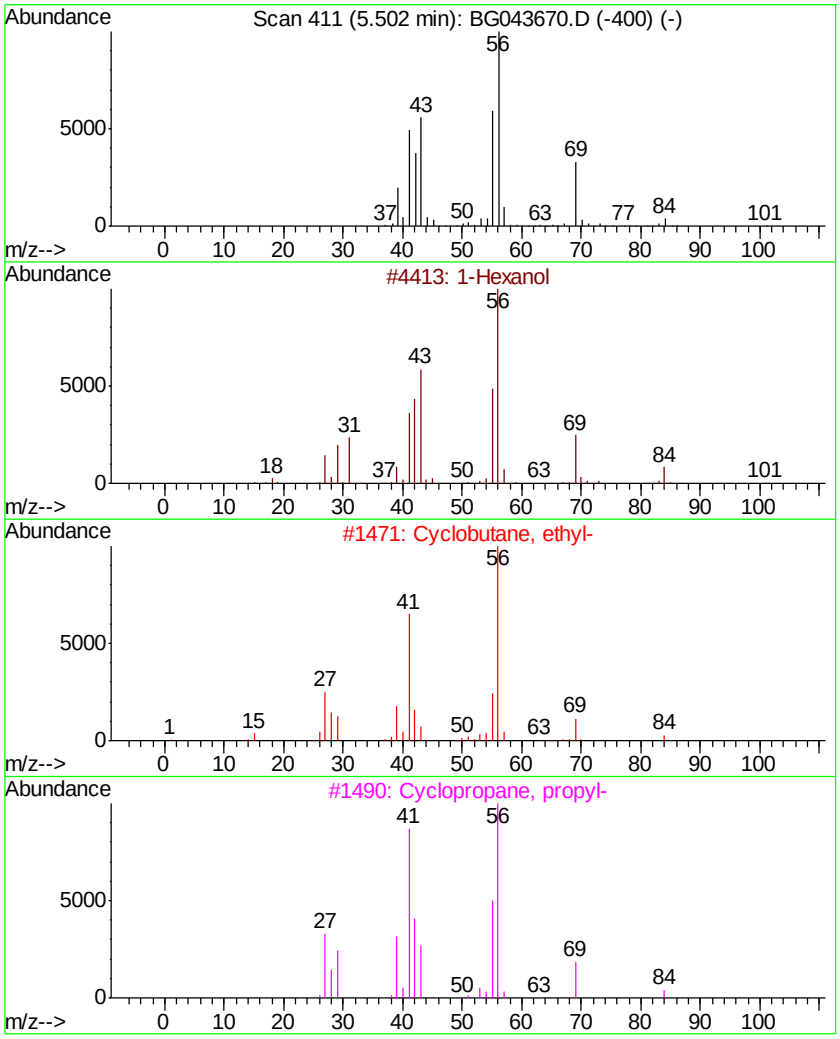
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

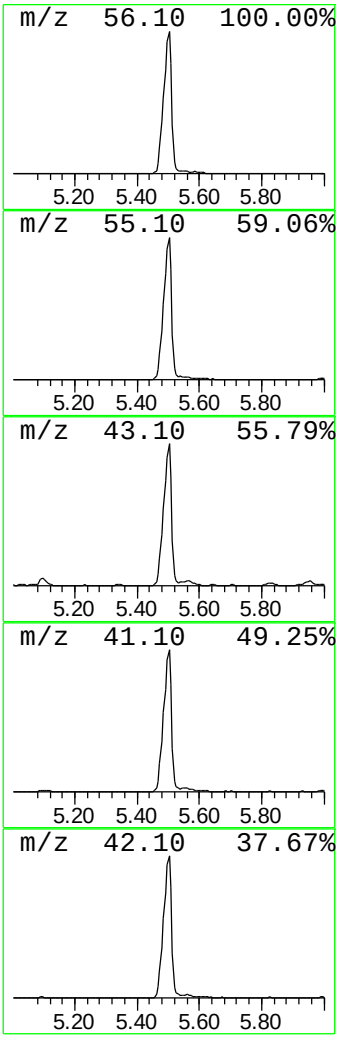
****

Peak Number 1 1-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	358.04 ng	3071530	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol	102	C6H14O	000111-27-3	83
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
4	Formic acid, hexyl ester	130	C7H14O2	000629-33-4	78
5	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	72





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

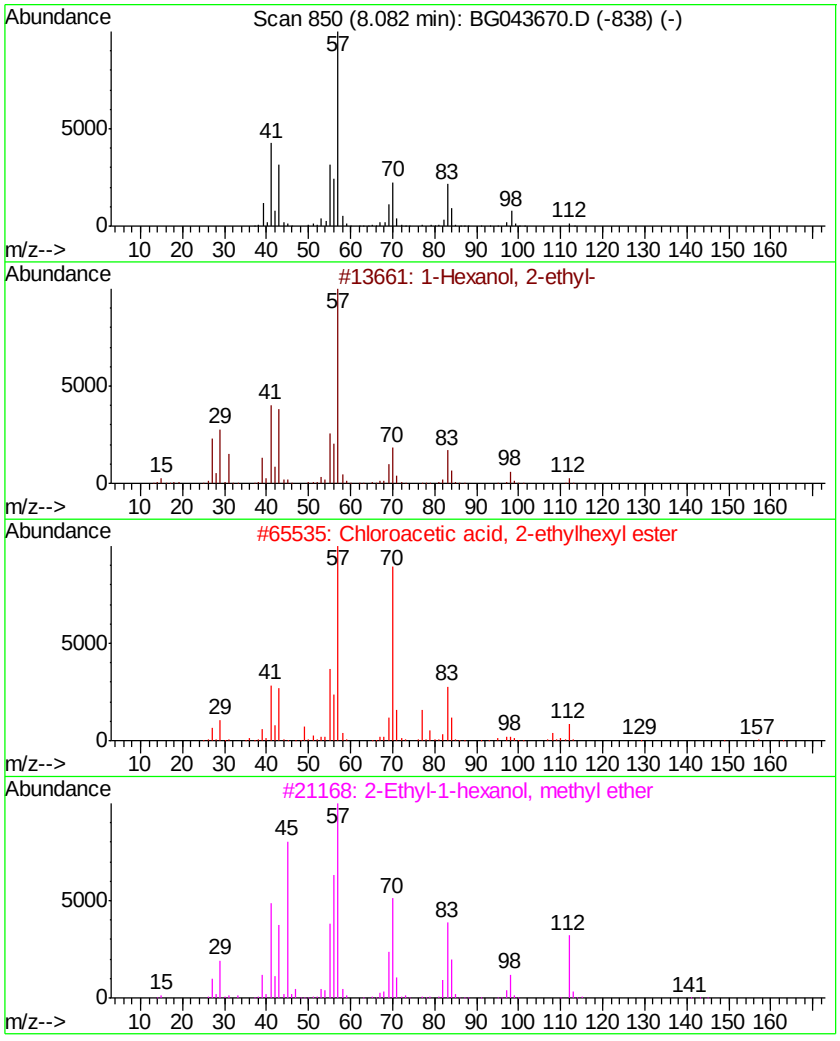
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

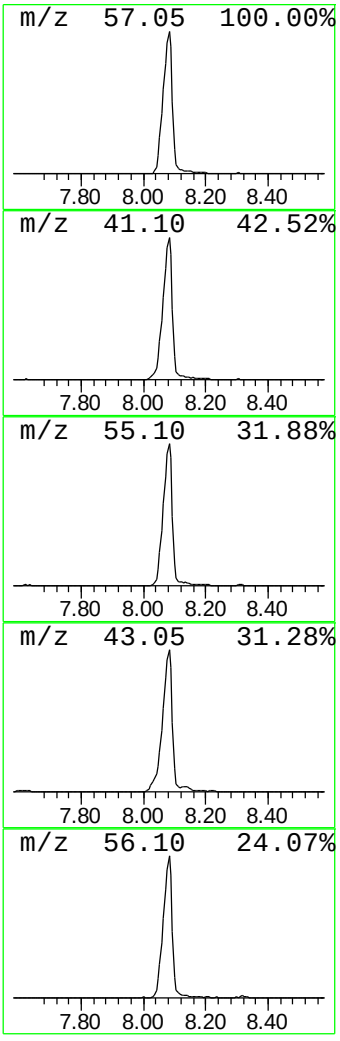
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	627.39 ng	5382120	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	40





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TIC Library : C:\Database\NIST11.L
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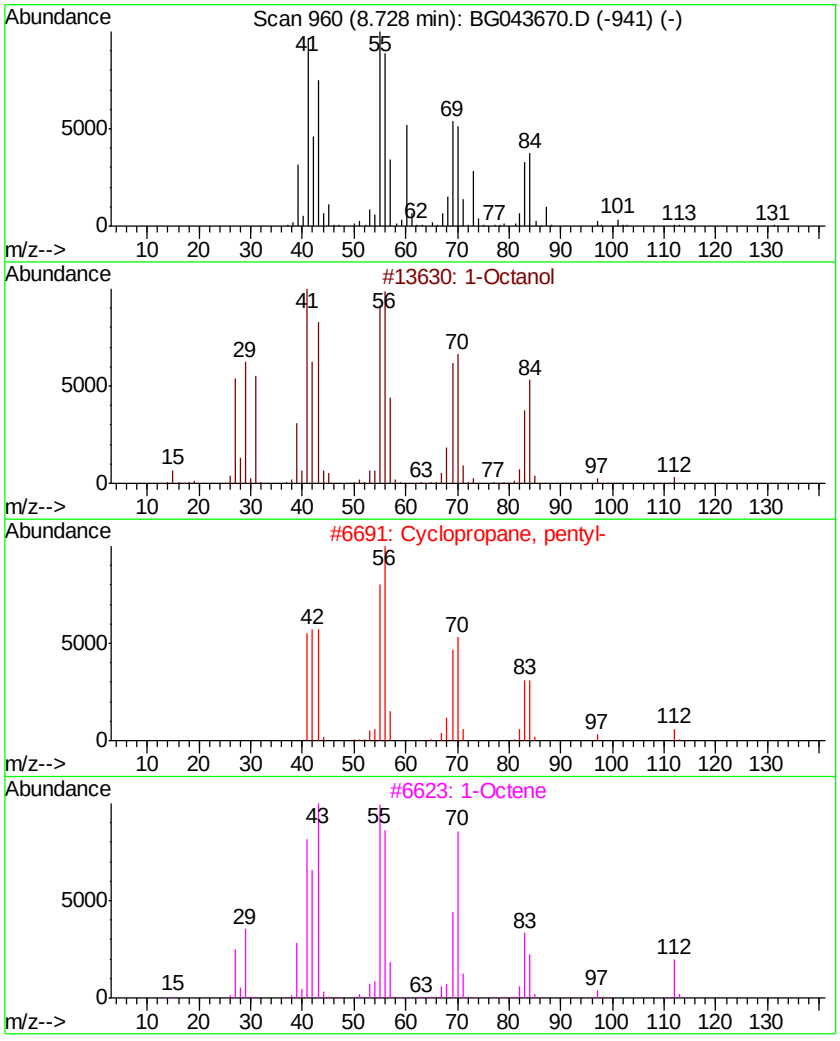
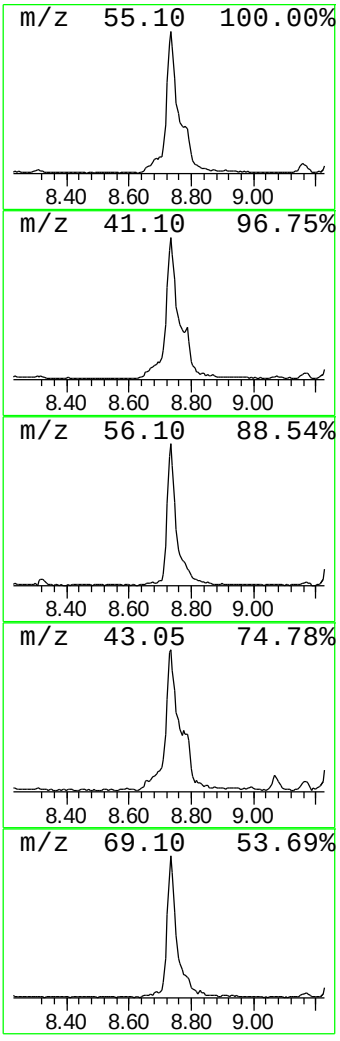
Peak Number 3 1-Octanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	174.96 ng	1500870	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol	130	C8H18O	000111-87-5	68
2	Cyclopropane, pentyl-	112	C8H16	002511-91-3	64
3	1-Octene	112	C8H16	000111-66-0	47
4	1-Hexene	84	C6H12	000592-41-6	43
5	1-Nonanol	144	C9H20O	000143-08-8	38





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Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

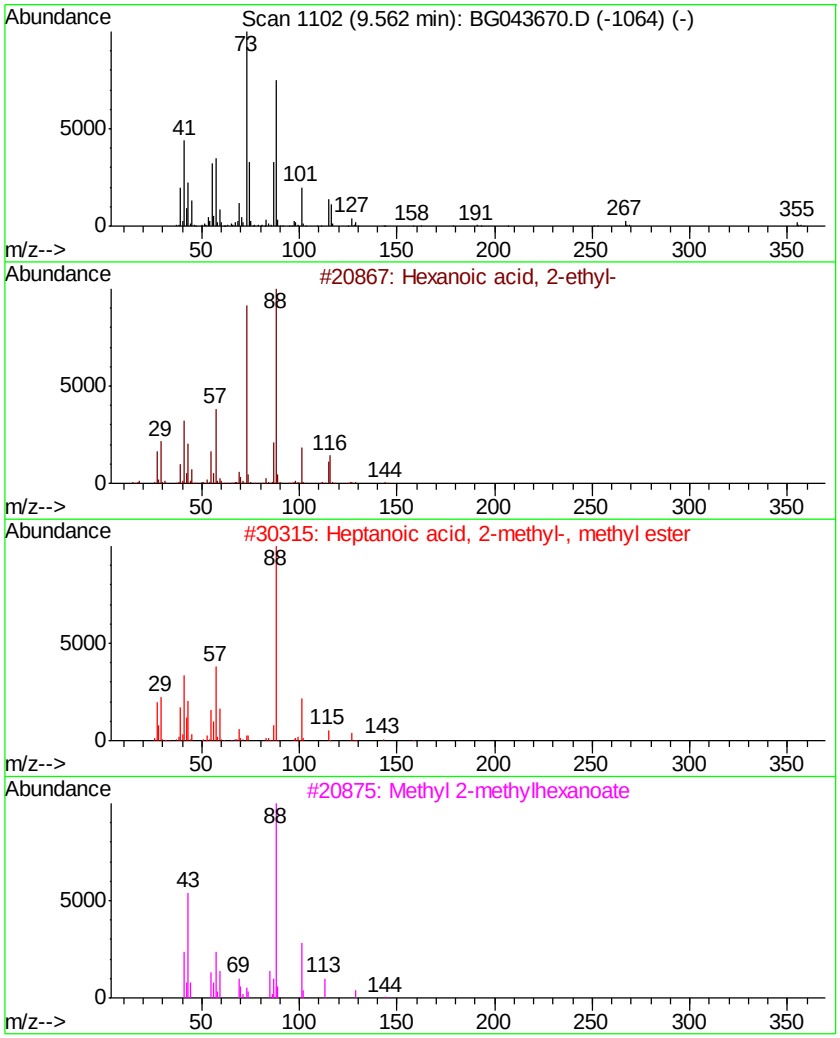
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

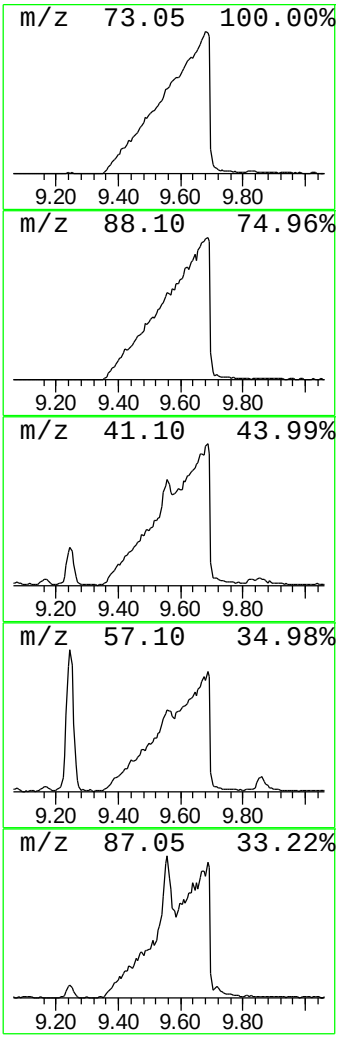
****

Peak Number 4 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	282.59 ng	3506010	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	60
2	Heptanoic acid, 2-methyl-, methy...	158	C9H18O2	051209-78-0	43
3	Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	38
4	Methyl 2,3-di-O-methyl-.beta.-L-...	192	C8H16O5	053989-92-7	38
5	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	37





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
Operator : JU
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

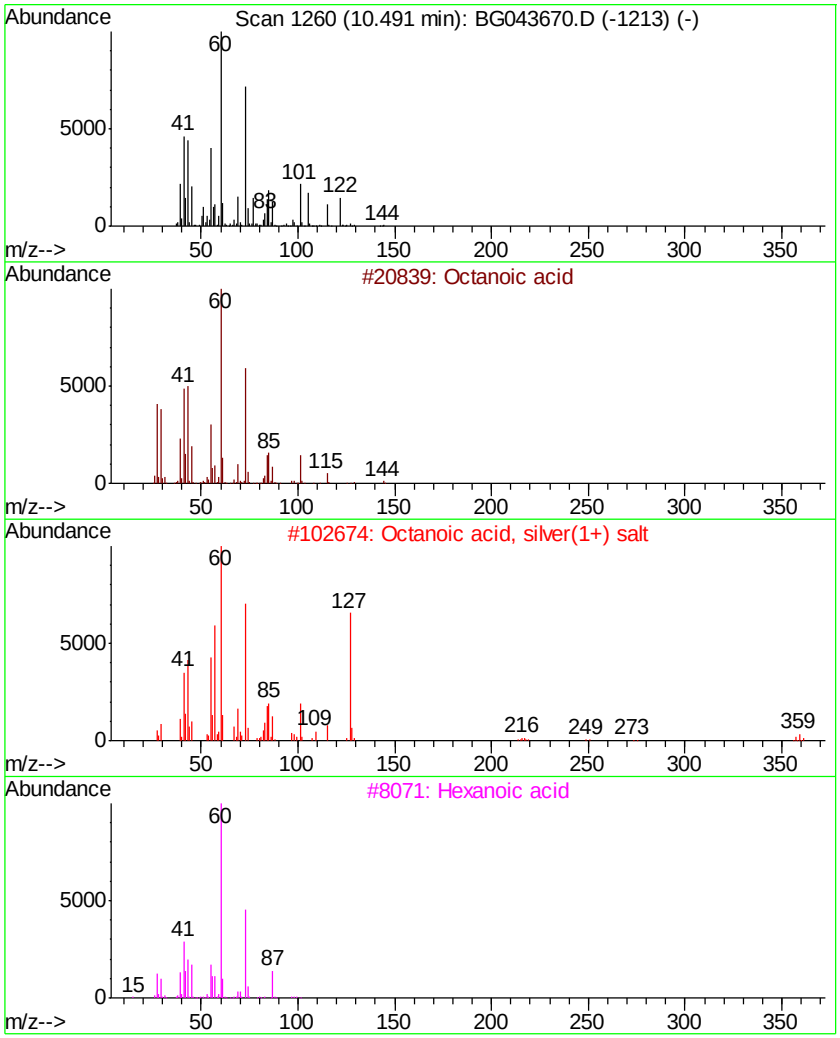
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

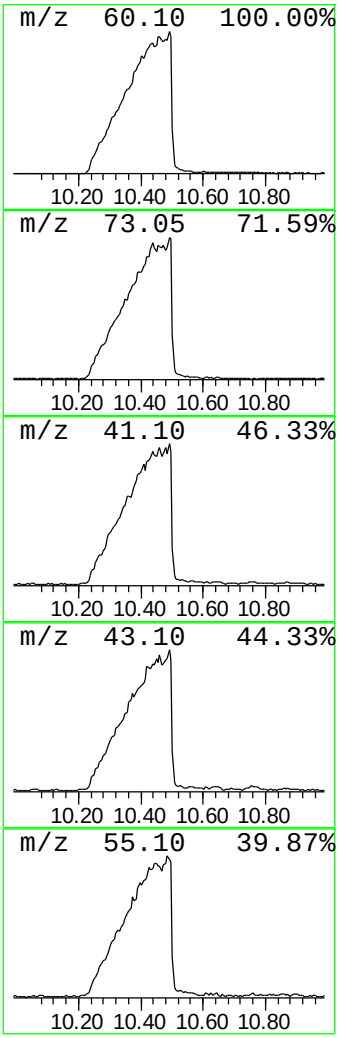
****

Peak Number 5 Octanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	492.38 ng	6108770	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	87
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	64
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	47





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Acq On : 16 Nov 2019 3:39
Operator : JU
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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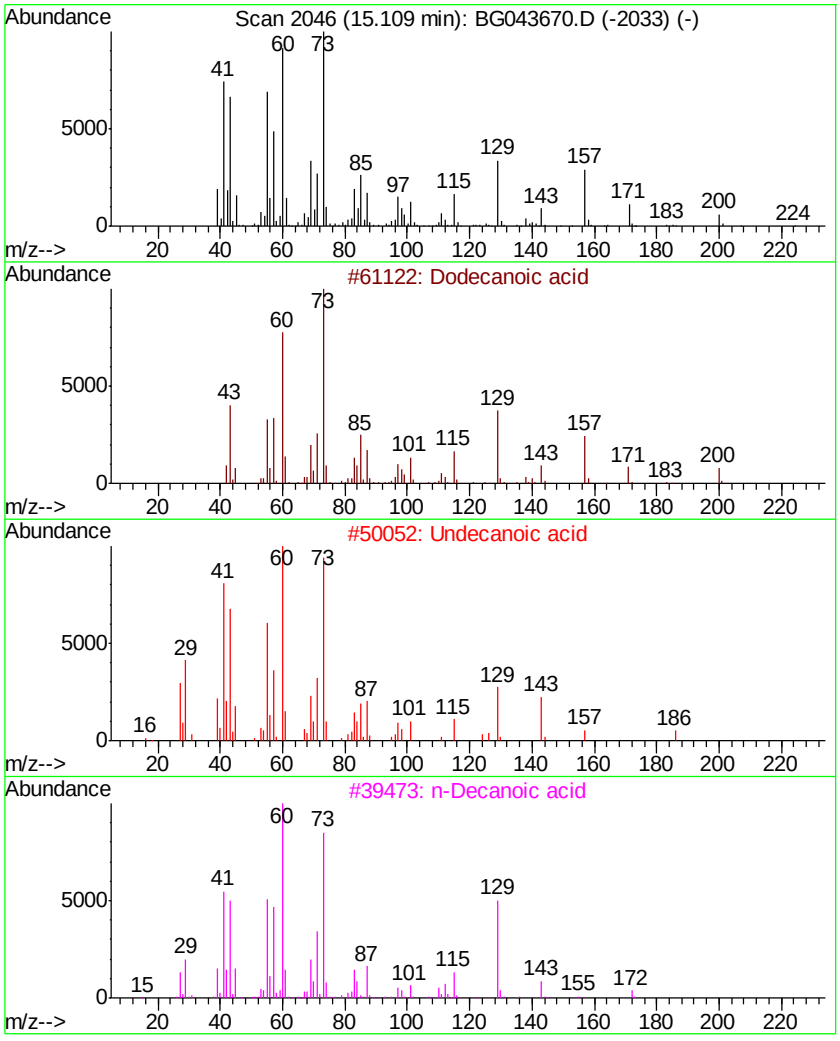
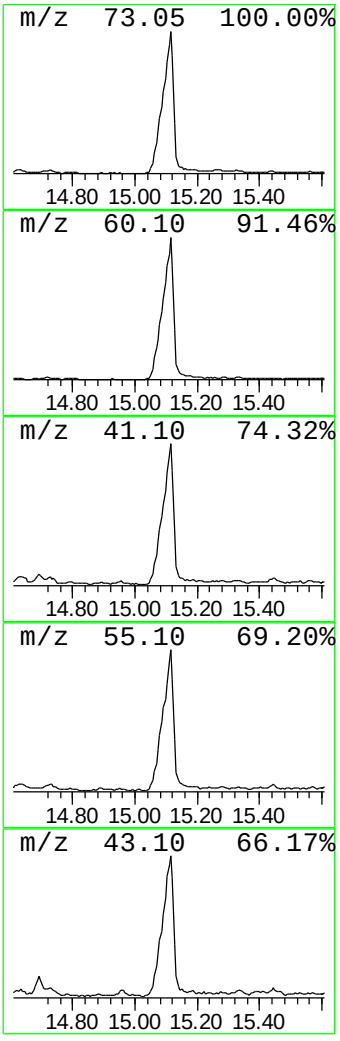
Peak Number 6 Dodecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	88.04 ng	2498100	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	Undecanoic acid	186	C11H22O2	000112-37-8	59
3	n-Decanoic acid	172	C10H20O2	000334-48-5	53
4	Nonanoic acid	158	C9H18O2	000112-05-0	46
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	46





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Instrument : BNA_G
ClientSampleId : EFF-WW

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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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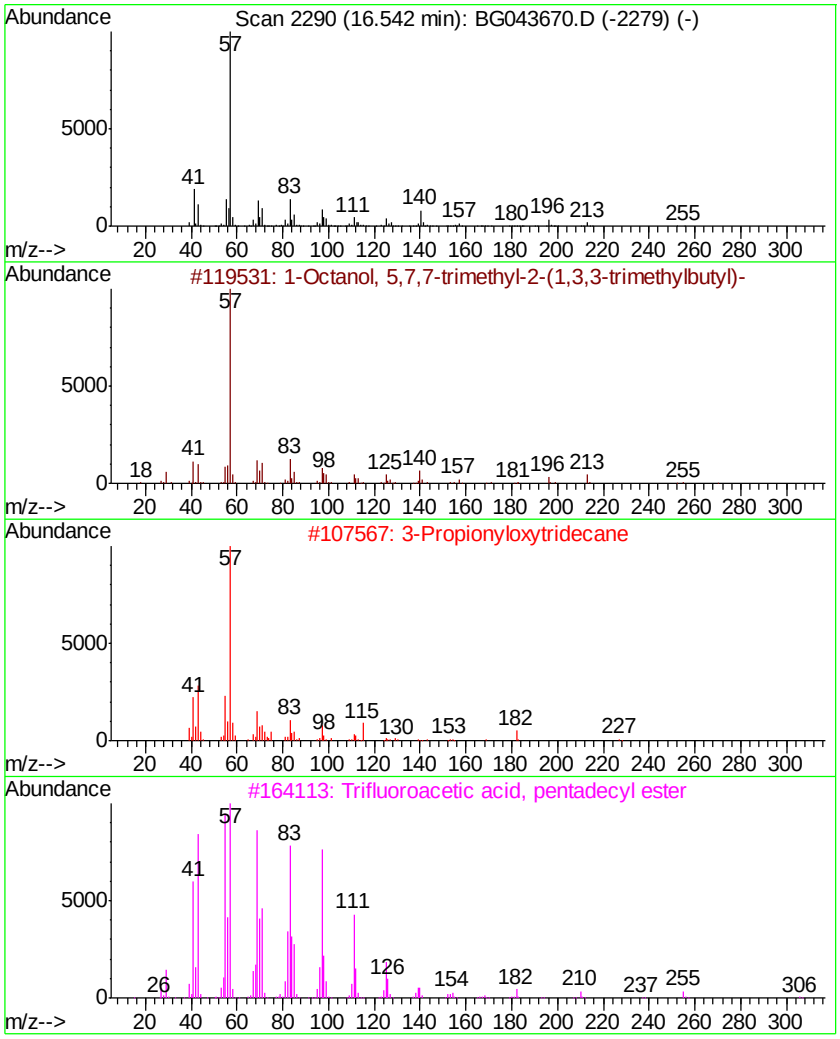
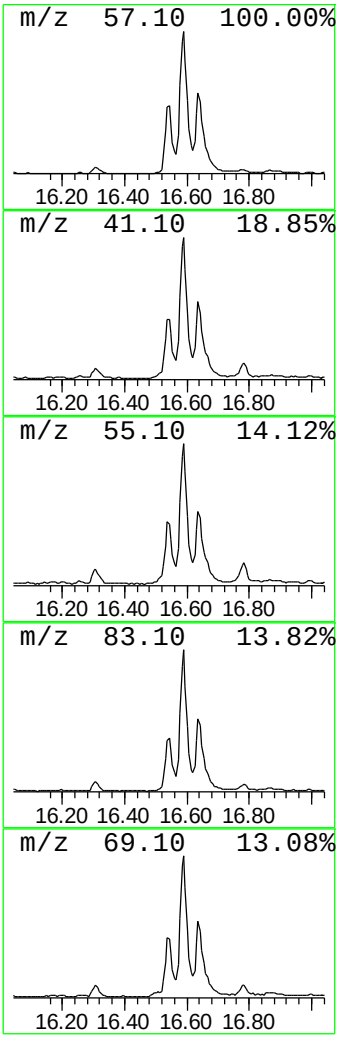
Peak Number 7 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	90.94 ng	1934720	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	91
2	3-Propionyloxytridecane	256	C16H32O2	1000245-62-5	59
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	50
4	2- Bromopropionic acid, decyl ester	292	C13H25BrO2	026072-74-2	50
5	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	50





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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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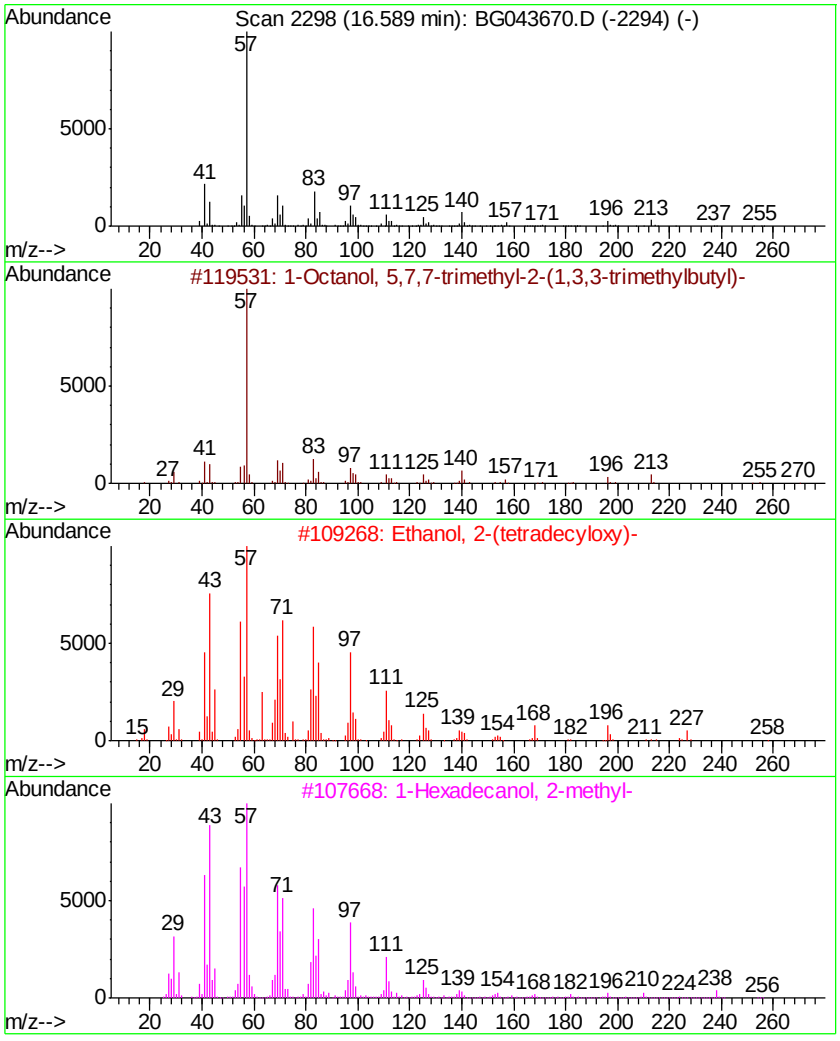
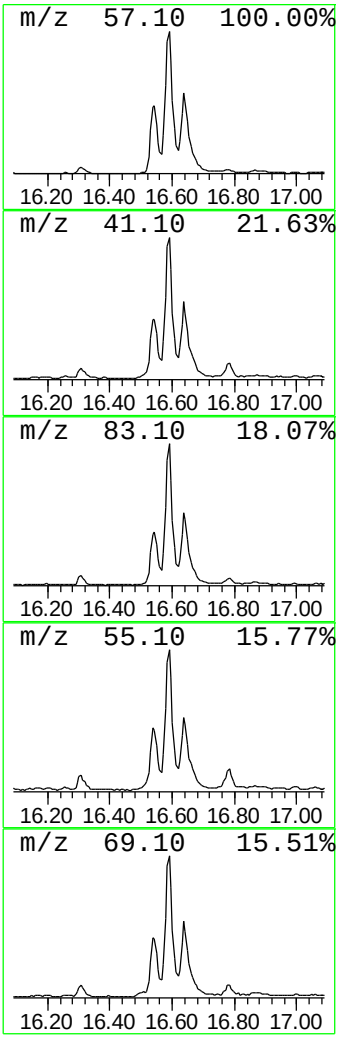
Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	192.45 ng	4094530	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	87
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	53
3	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	49
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	47
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

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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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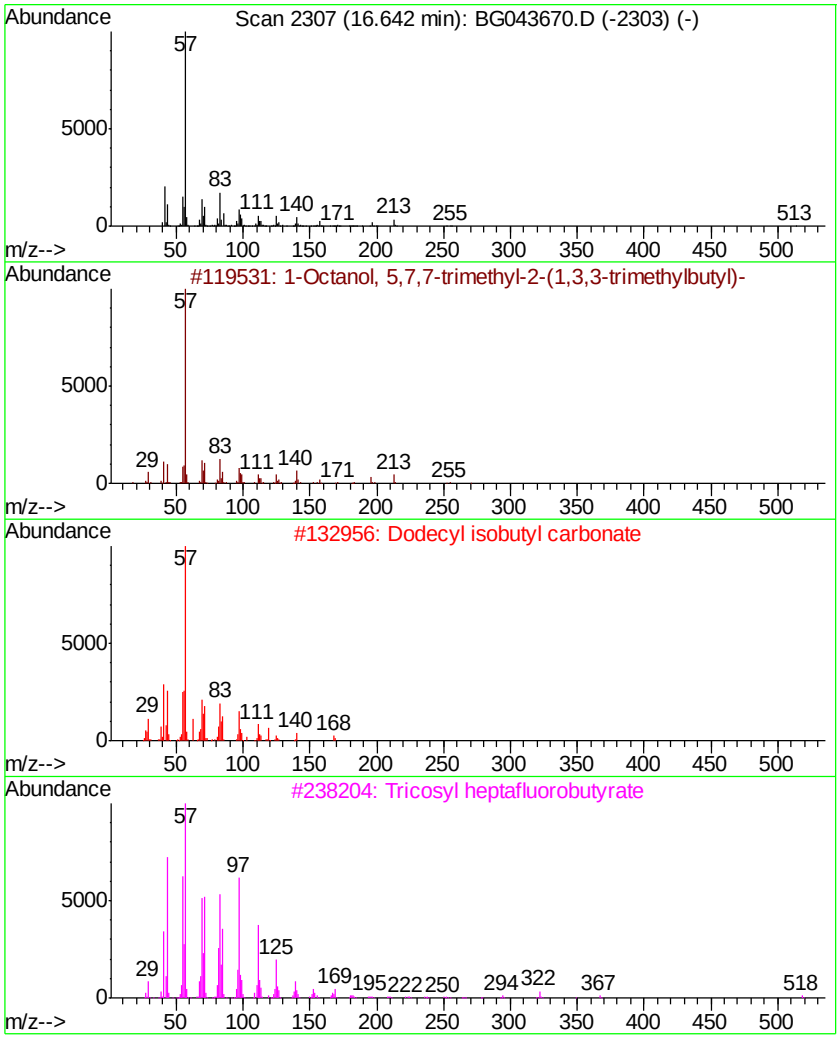
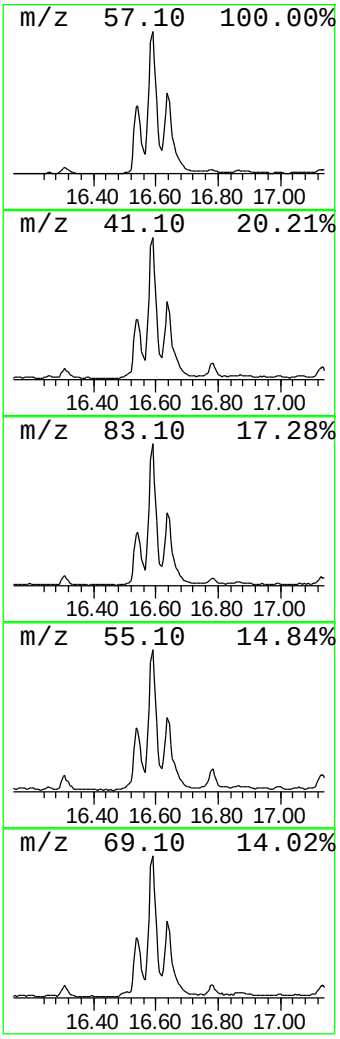
Peak Number 9 Dodecyl isobutyl carbonate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	116.06 ng	2469310	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	64
2	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	50
3	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	50
4	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	50
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	50





Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

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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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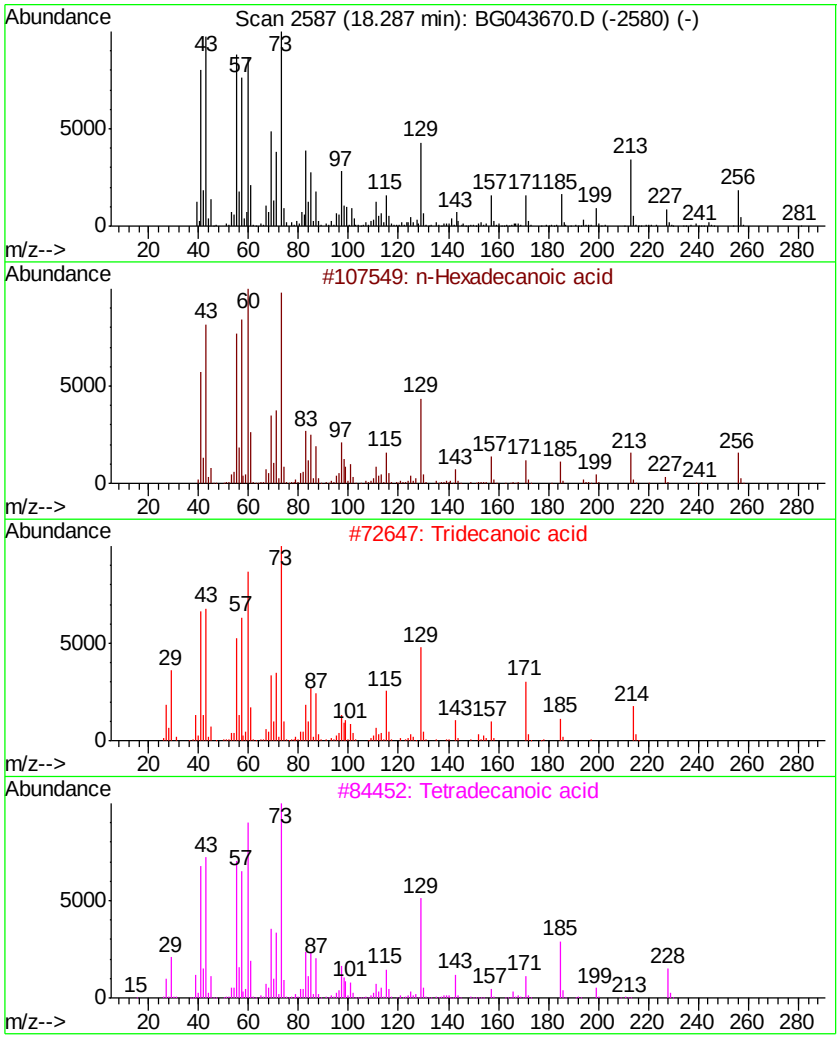
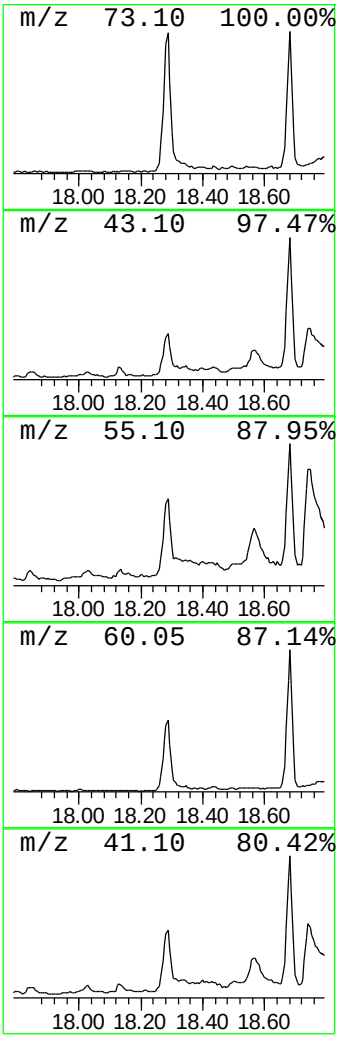
Peak Number 10 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	83.73 ng	1781370	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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Sample : K5837-02
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ClientSampleId : EFF-WW

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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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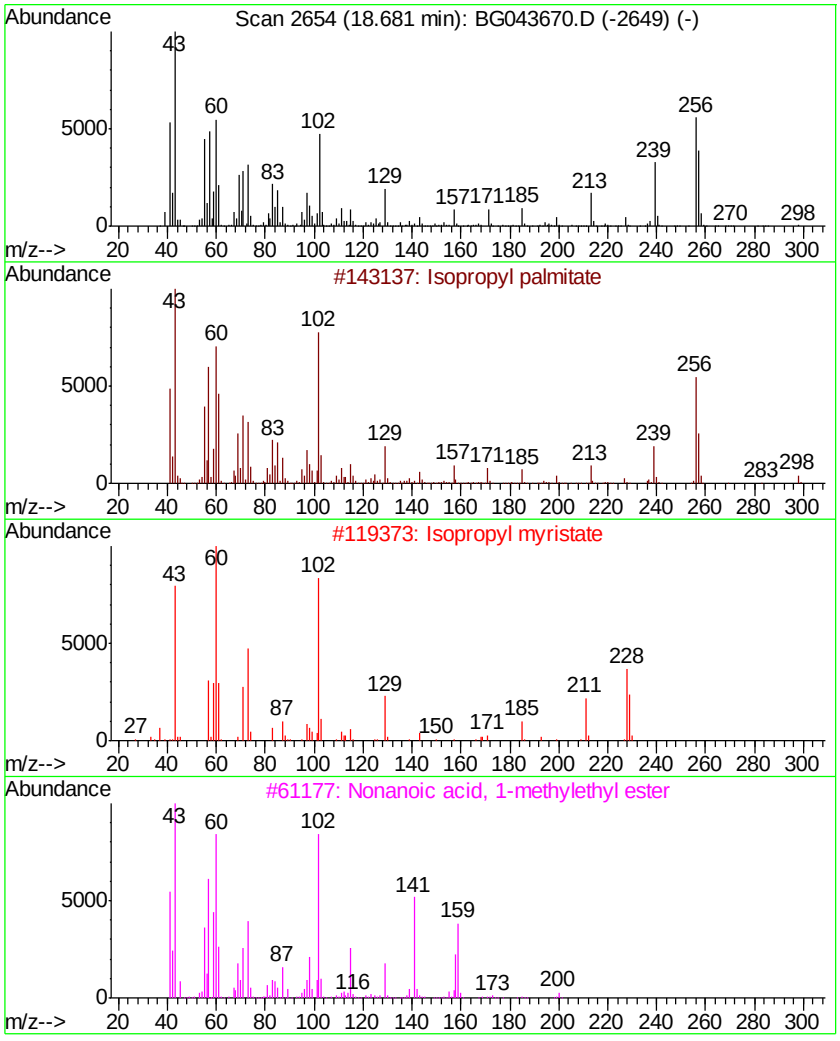
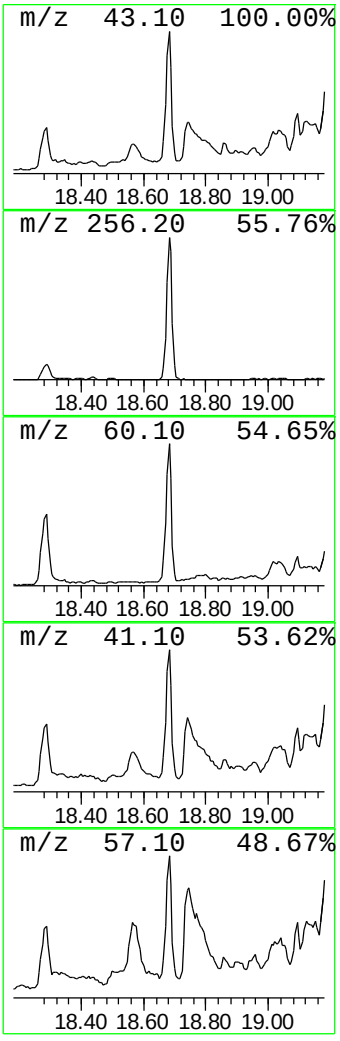
Peak Number 11 unknown18.68 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	131.30 ng	2793410	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	47
2	Isopropyl myristate	270	C17H34O2	000110-27-0	38
3	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	38
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	27





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Misc :
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Instrument : BNA_G
ClientSampleId : EFF-WW

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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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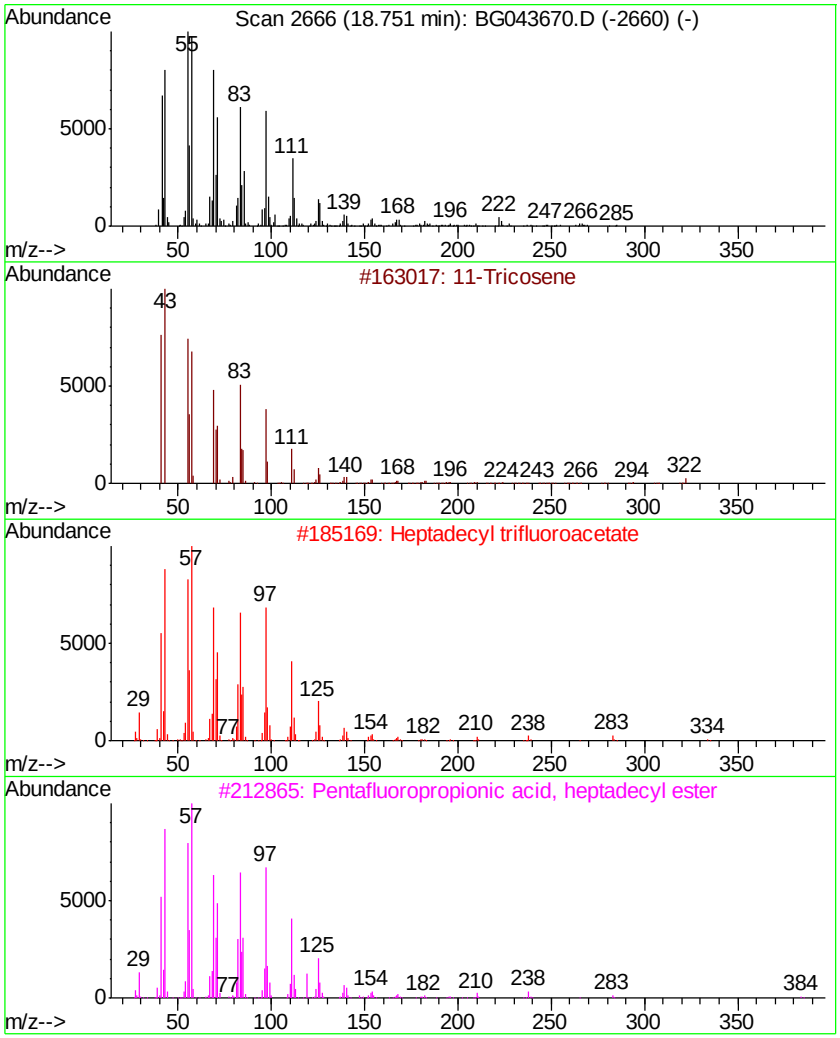
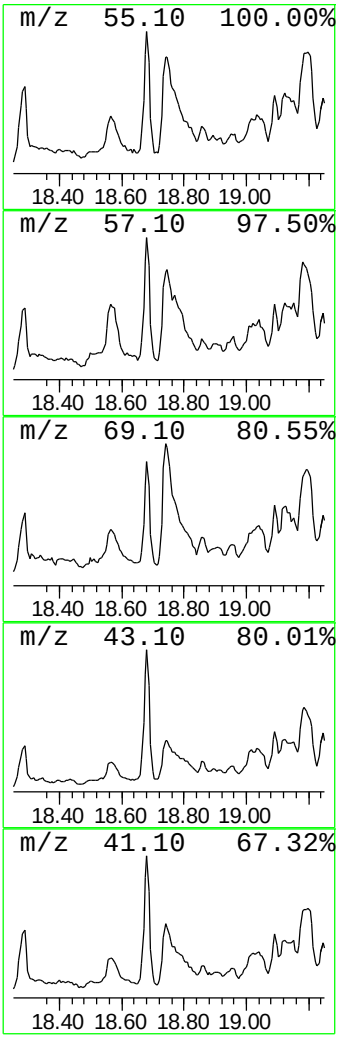
Peak Number 12 11-Tricosene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	157.63 ng	3353790	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	86
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	68
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	68
4	Carbonic acid, heptadecyl isobut...	356	C22H44O3	1000314-61-4	68
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	62





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Instrument : BNA_G
ClientSampleId : EFF-WW

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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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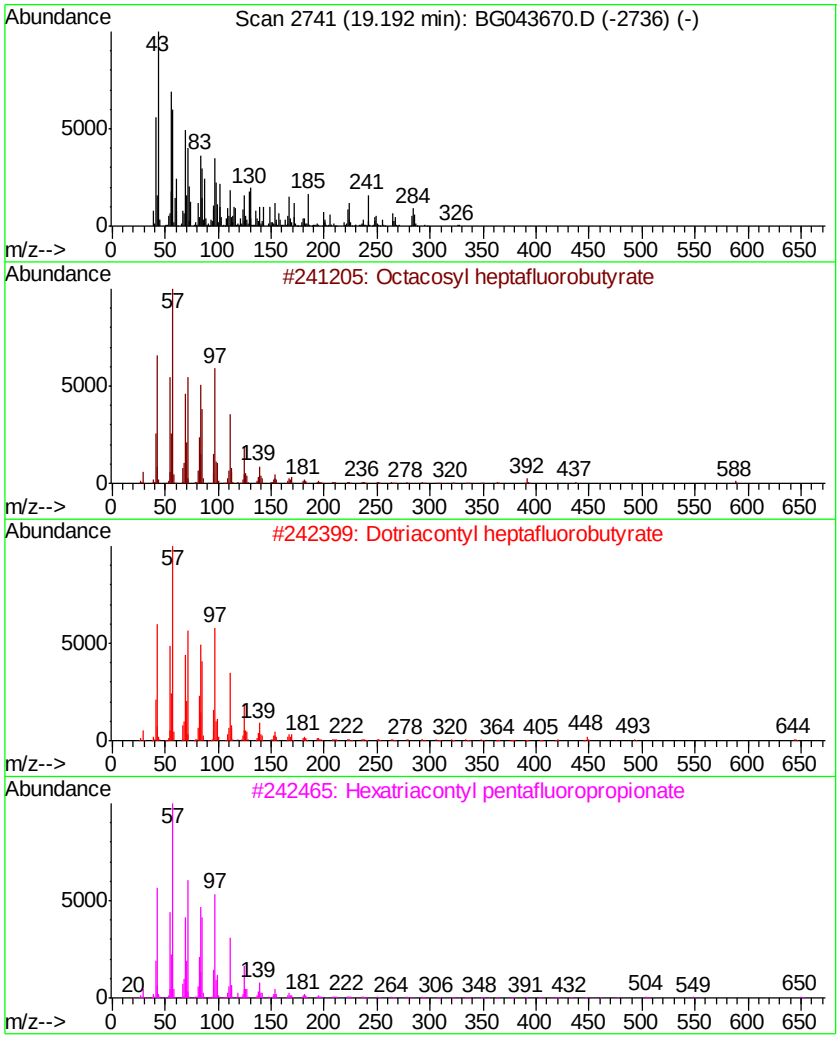
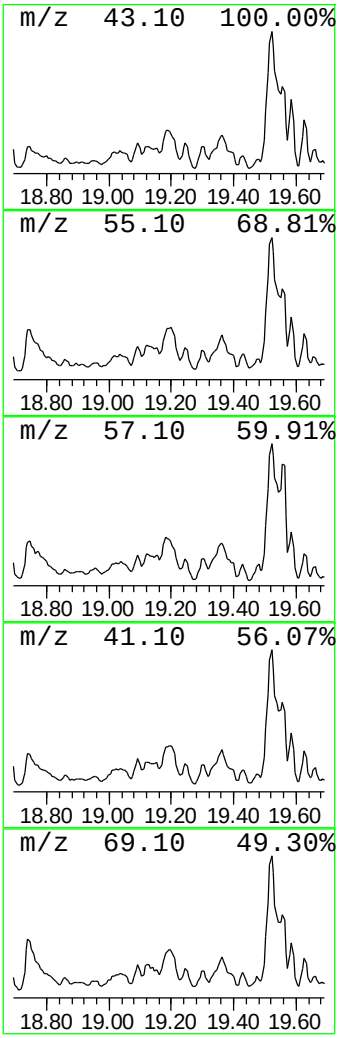
Peak Number 13 unknown19.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	161.37 ng	3433280	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	42
2	Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	42
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	42
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	42
5	Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	42





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Instrument : BNA_G
ClientSampleId : EFF-WW

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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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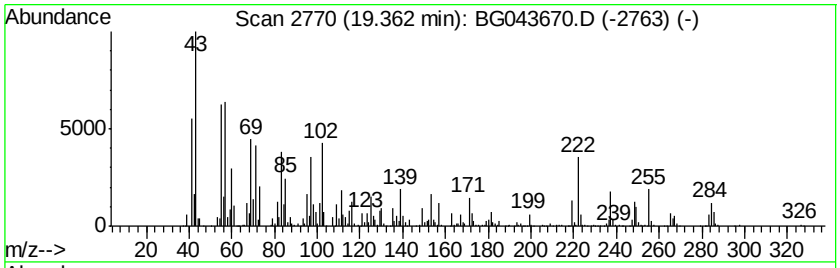
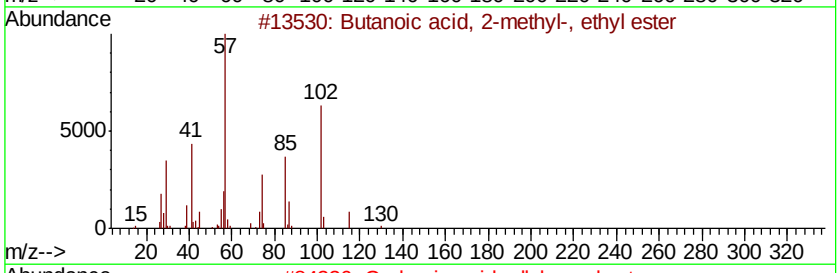
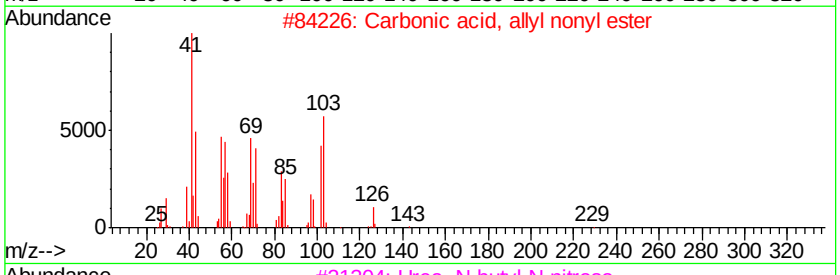
Peak Number 14 unknown19.36 Concentration Rank 12

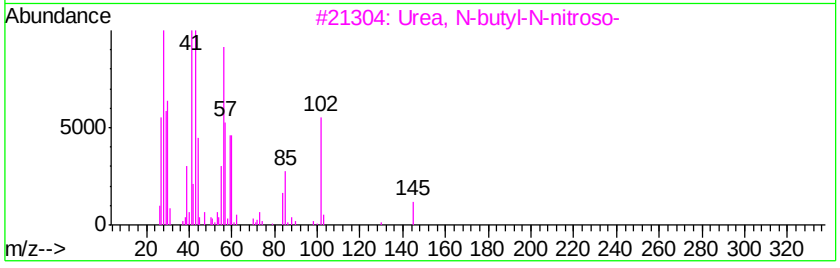
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	157.30 ng	3346630	Phenanthrene-d10	17.37

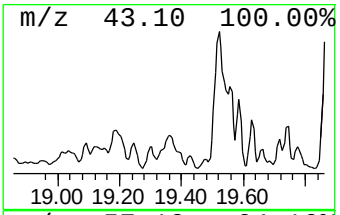
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	22
2	Carbonic acid, allyl nonyl ester	228	C13H24O3	1000314-65-4	12
3	Urea, N-butyl-N-nitroso-	145	C5H11N3O2	000869-01-2	10
4	Octadecanoic acid	284	C18H36O2	000057-11-4	10
5	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	10

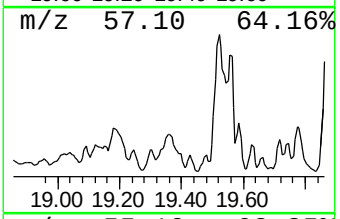


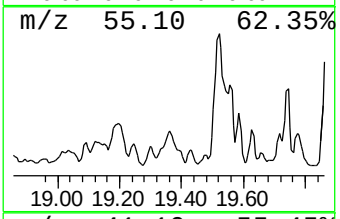


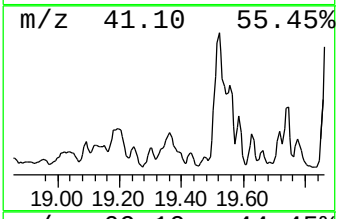


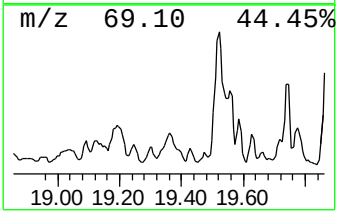












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Misc :
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Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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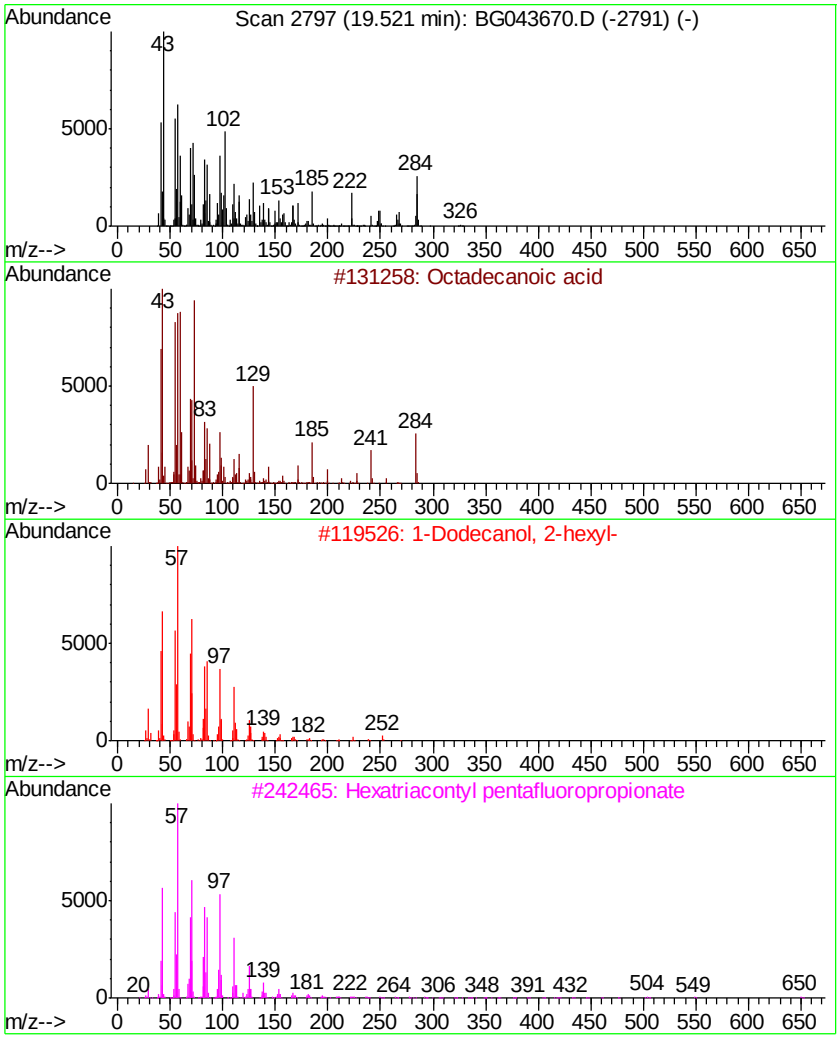
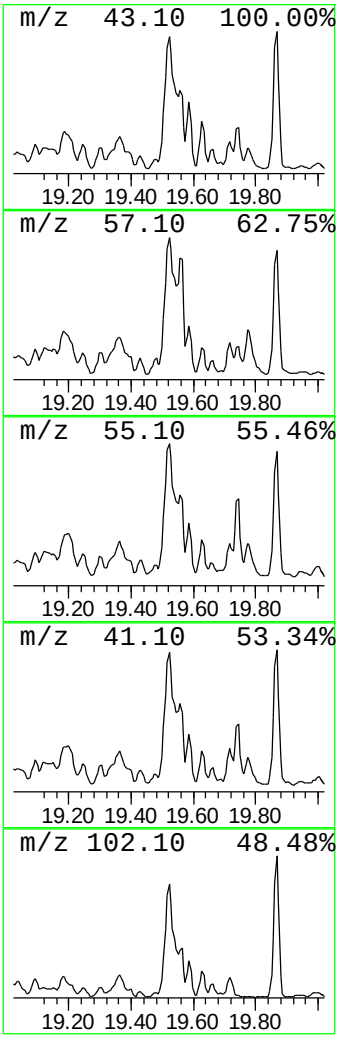
Peak Number 15 unknown19.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	344.40 ng	12410100	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	46
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	38
3	Hexatriacontyl pentafluoropropio...	669	C39H73F5O2	1000351-89-0	38
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	38
5	Triacontyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043670.D
Acq On : 16 Nov 2019 3:39
Operator : JU
Sample : K5837-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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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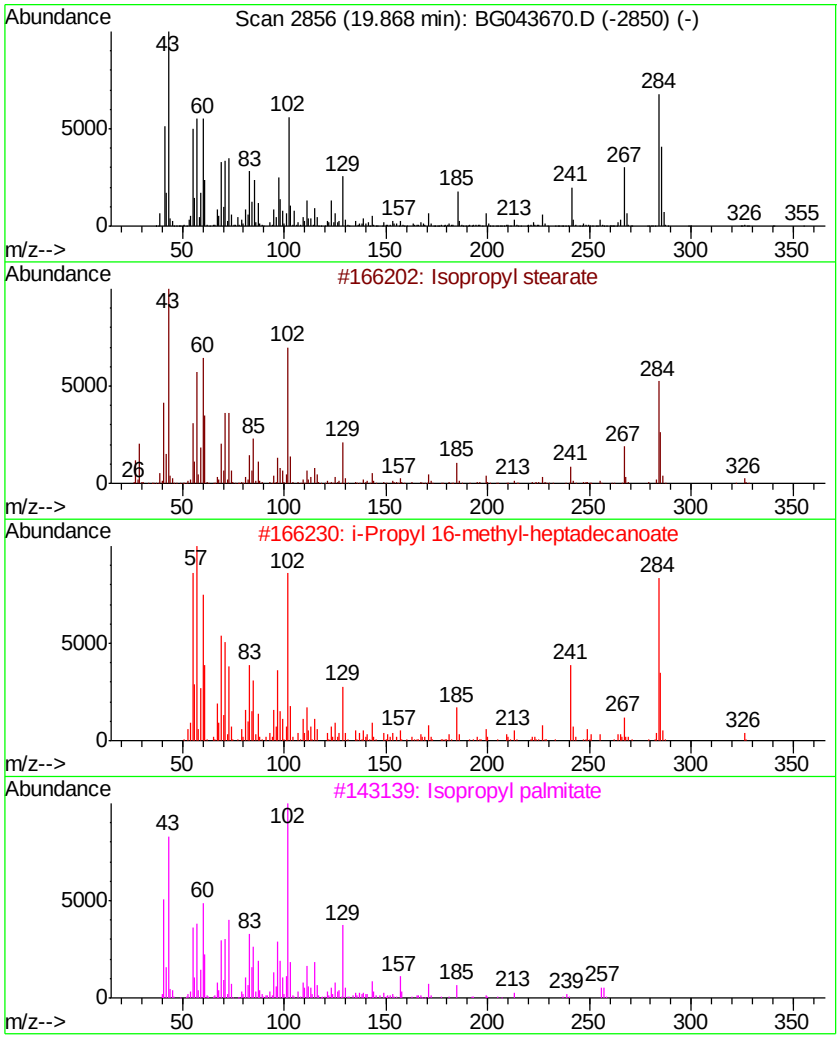
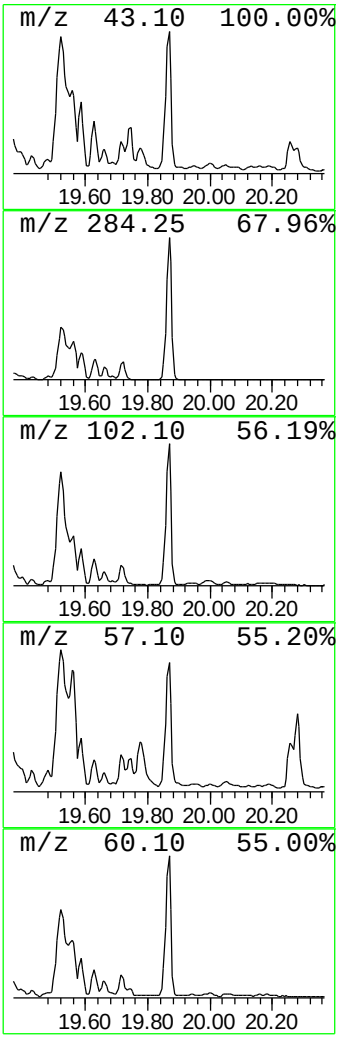
Peak Number 16 Isopropyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	192.70 ng	6943850	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl stearate	326	C21H42O2	000112-10-7	86
2	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	78
3	Isopropyl palmitate	298	C19H38O2	000142-91-6	50
4	Octadecanoic acid	284	C18H36O2	000057-11-4	50
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	27





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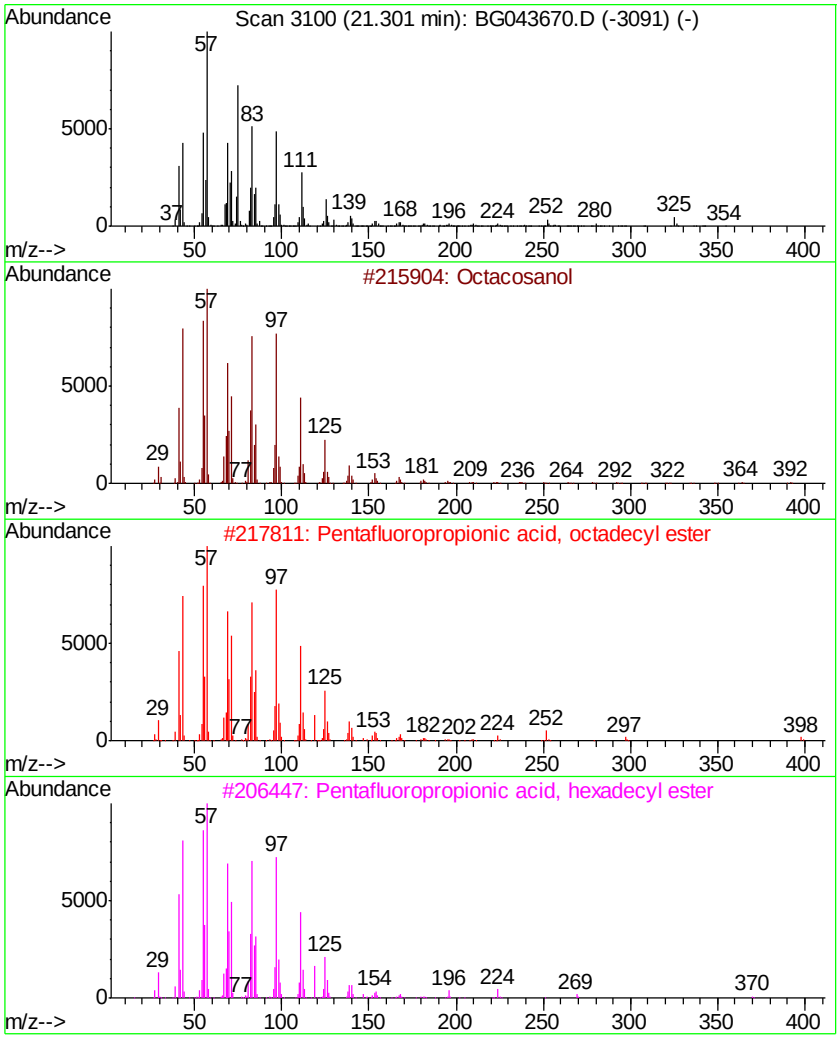
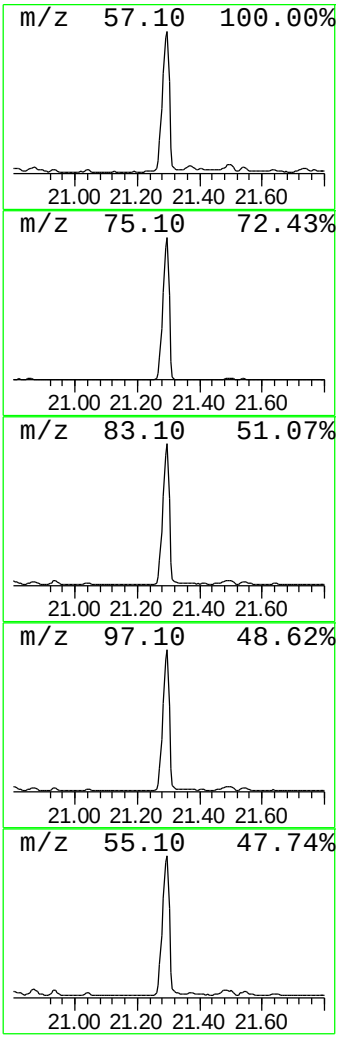
Peak Number 17 Octacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	303.39 ng	10932400	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	83
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	83
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	83
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	83





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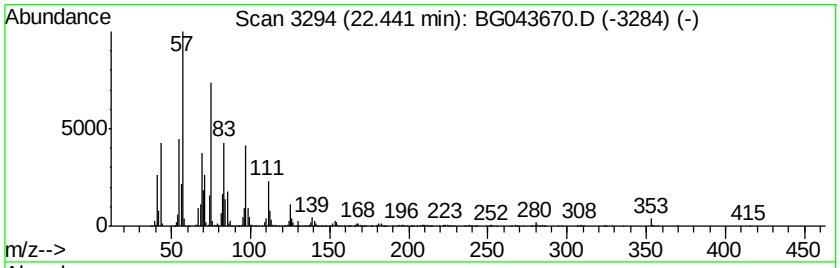
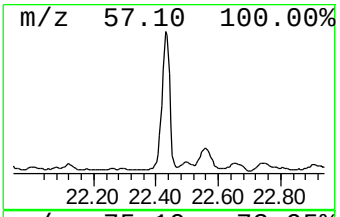
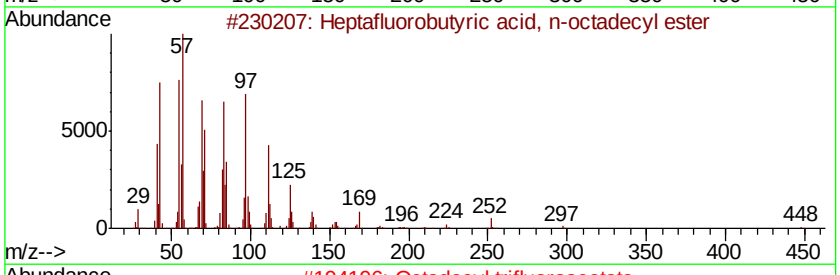
Peak Number 18 Heptafluorobutyric acid, n-... Concentration Rank 14

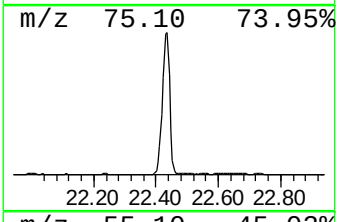
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	123.62 ng	4454560	Chrysene-d12	21.64

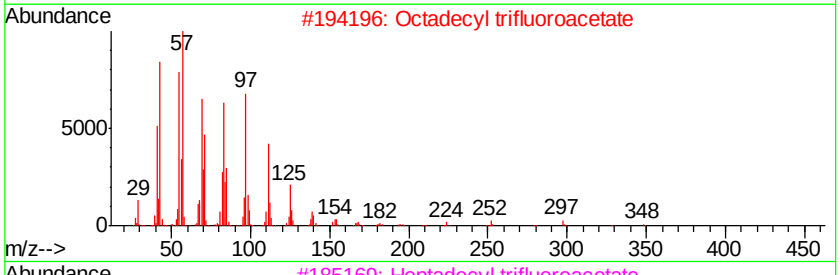
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
2	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	83
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	64
5	1-Docosene	308	C22H44	001599-67-3	64

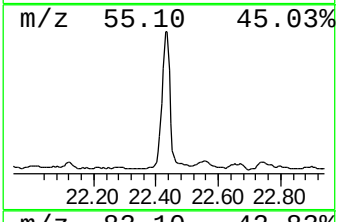


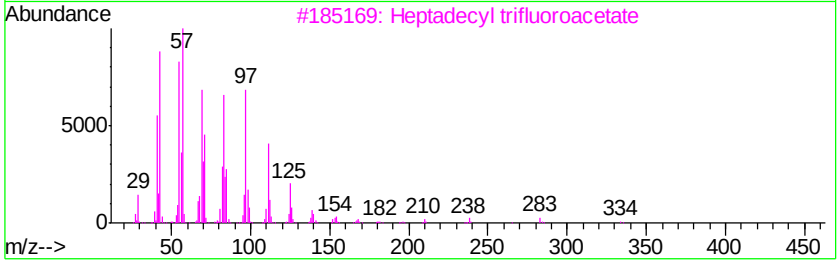


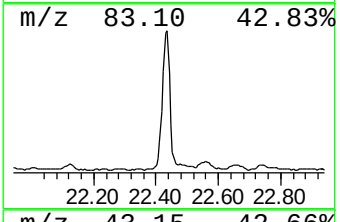


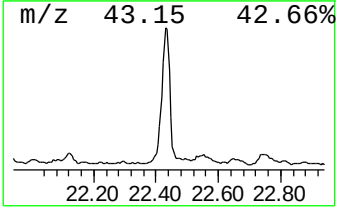












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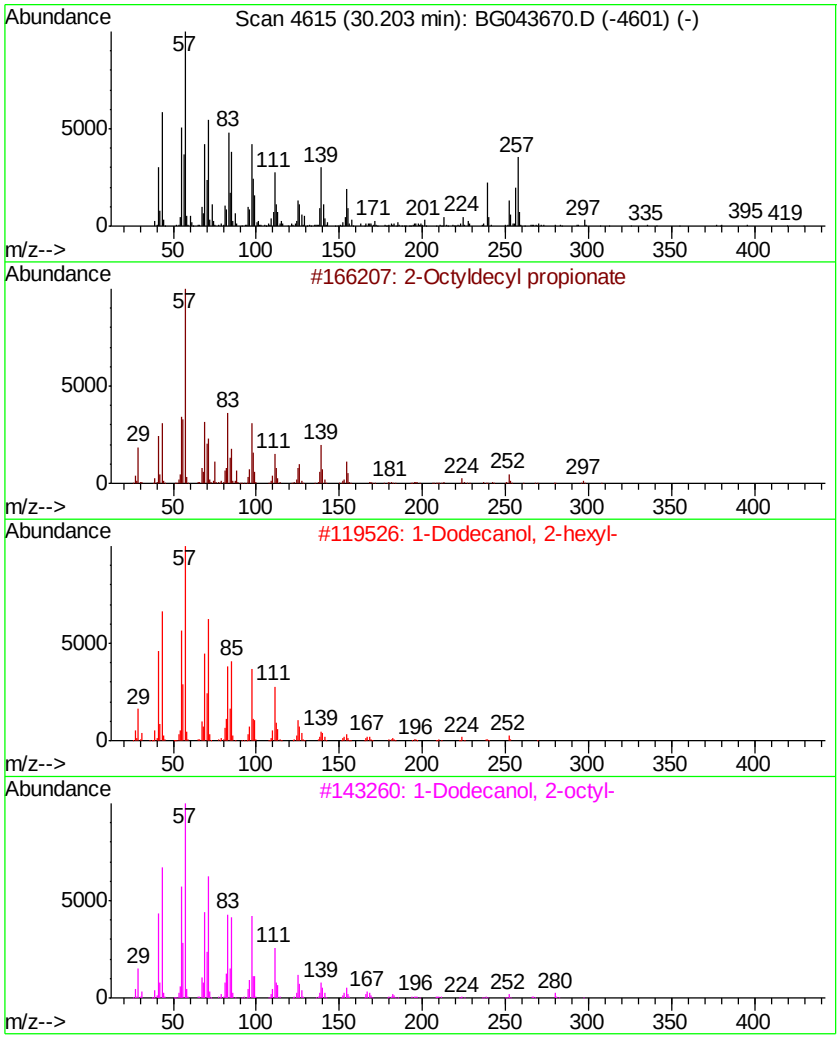
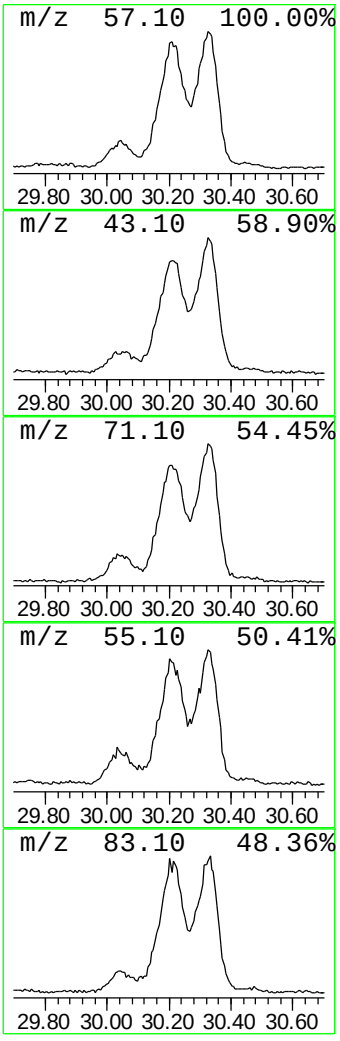
Peak Number 19 2-Octyldecyl propionate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.20	100.22 ng	3687490	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyldecyl propionate	326	C21H42O2	1000368-56-3	64
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	50
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	50
4	10-Methyl-octadec-1-ene	266	C19H38	1000192-60-5	49
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	47





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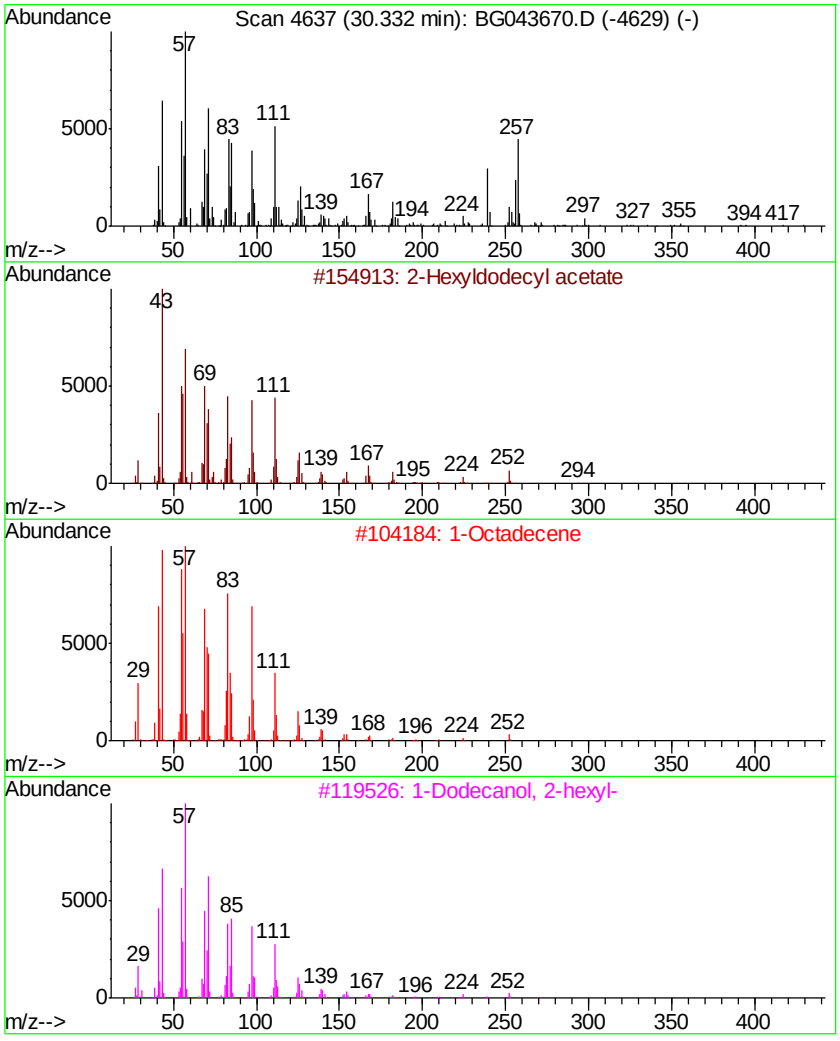
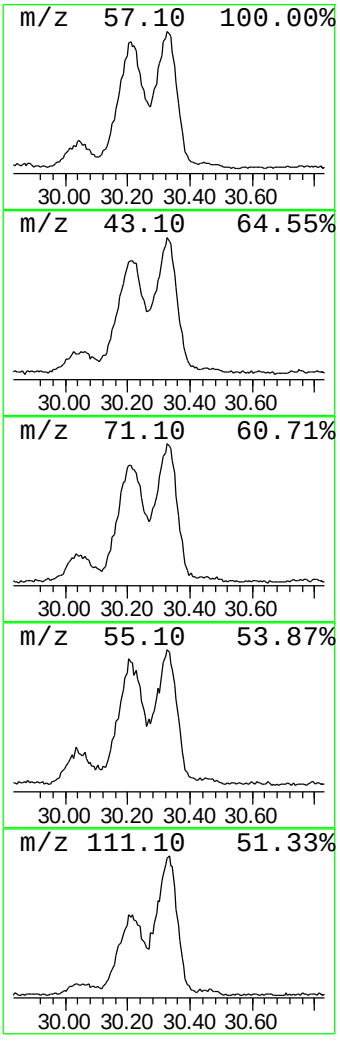
Peak Number 20 2-Hexyldodecyl acetate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.33	83.08 ng	3056600	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexyldodecyl acetate	312	C20H40O2	1000368-55-9	64
2	1-Octadecene	252	C18H36	000112-88-9	60
3	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	55
4	2-Hexyldodecyl propionate	326	C21H42O2	1000368-55-7	49
5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	49





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol	5.50	358.0	ng	3071530	1	7.99	171573	20.0
1-Hexanol, 2-ethyl-	8.08	627.4	ng	5382120	1	7.99	171573	20.0
1-Octanol	8.73	175.0	ng	1500870	1	7.99	171573	20.0
Hexanoic acid, 2-...	9.56	282.6	ng	3506010	2	10.80	248133	20.0
Octanoic acid	10.49	492.4	ng	6108770	2	10.80	248133	20.0
Dodecanoic acid	15.11	88.0	ng	2498100	3	14.62	567465	20.0
1-Octanol, 5,7,7-...	16.54	90.9	ng	1934720	4	17.37	425516	20.0
Ethanol, 2-(tetra...	16.59	192.4	ng	4094530	4	17.37	425516	20.0
Dodecyl isobutyl ...	16.64	116.1	ng	2469310	4	17.37	425516	20.0
n-Hexadecanoic acid	18.29	83.7	ng	1781370	4	17.37	425516	20.0
unknown18.68	18.68	131.3	ng	2793410	4	17.37	425516	20.0
11-Tricosene	18.75	157.6	ng	3353790	4	17.37	425516	20.0
unknown19.19	19.19	161.4	ng	3433280	4	17.37	425516	20.0
unknown19.36	19.36	157.3	ng	3346630	4	17.37	425516	20.0
unknown19.52	19.52	344.4	ng	12410100	5	21.64	720686	20.0
Isopropyl stearate	19.87	192.7	ng	6943850	5	21.64	720686	20.0
Octacosanol	21.30	303.4	ng	10932400	5	21.64	720686	20.0
Heptafluorobutyri...	22.44	123.6	ng	4454560	5	21.64	720686	20.0
2-Octyldecyl prop...	30.20	100.2	ng	3687490	6	24.81	735860	20.0
2-Hexyldodecyl ac...	30.33	83.1	ng	3056600	6	24.81	735860	20.0