

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041337.D
 Acq On : 19 Jun 2019 20:46
 Operator : HP/JU
 Sample : K3410-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

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-BG061719.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	3.150	6	10	22	rVB	543205	883394	1.48%	0.361%
2	3.855	125	130	139	rBV	558004	871554	1.46%	0.356%
3	7.609	762	769	779	rBV	416001	734890	1.23%	0.301%
4	8.138	852	859	874	rVB	2971205	5337416	8.93%	2.183%
5	8.408	896	905	912	rBV	641795	1130271	1.89%	0.462%
6	9.266	1042	1051	1060	rBV	535891	982670	1.64%	0.402%
7	10.312	1207	1229	1239	rBV	290283	999562	1.67%	0.409%
8	13.021	1676	1690	1695	rBV2	339660	782251	1.31%	0.320%
9	13.338	1738	1744	1761	rVB	1530151	2680058	4.48%	1.096%
10	15.312	2049	2080	2083	rBV	4968099	23813050	39.84%	9.740%
11	16.211	2227	2233	2238	rBV	686279	1050195	1.76%	0.430%
12	16.628	2294	2304	2307	rBV	10783574	31490289	52.68%	12.880%
13	16.699	2307	2316	2318	rVV	21243317	59775917	100.00%	24.449%
14	16.740	2318	2323	2335	rVV	19687421	37851794	63.32%	15.482%
15	16.851	2338	2342	2347	rVV	1463916	2834484	4.74%	1.159%
16	16.928	2351	2355	2374	rVB	1332619	3822599	6.39%	1.563%
17	17.474	2443	2448	2455	rVB2	395714	615737	1.03%	0.252%
18	17.815	2502	2506	2517	rVB	444543	807364	1.35%	0.330%
19	18.367	2589	2600	2604	rBV	4226090	9033721	15.11%	3.695%
20	18.426	2604	2610	2619	rVB	1528130	2873533	4.81%	1.175%
21	18.737	2659	2663	2668	rVB	860099	1072124	1.79%	0.439%
22	19.254	2745	2751	2757	rBV5	986610	2332575	3.90%	0.954%
23	19.354	2764	2768	2771	rBV	528932	783847	1.31%	0.321%
24	19.407	2771	2777	2782	rVV4	468088	1157291	1.94%	0.473%
25	19.489	2787	2791	2794	rVV	661358	916026	1.53%	0.375%
26	19.531	2794	2798	2800	rVV	598204	890966	1.49%	0.364%
27	19.566	2800	2804	2808	rVV2	2309048	4099815	6.86%	1.677%
28	19.625	2808	2814	2821	rVV	4869789	9970703	16.68%	4.078%
29	19.683	2821	2824	2826	rVV	508174	619006	1.04%	0.253%
30	19.795	2840	2843	2846	rVV	1303220	1505666	2.52%	0.616%
31	19.830	2846	2849	2859	rVV	4038874	5175711	8.66%	2.117%
32	19.918	2860	2864	2866	rVV	1439724	1662796	2.78%	0.680%
33	19.948	2866	2869	2874	rVB2	1133900	1397251	2.34%	0.571%
34	20.071	2885	2890	2894	rBV	2196146	2758638	4.61%	1.128%

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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-BG061719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.406	2939	2947	2957	rBV	1160910	3209496	5.37%	1.313%
36	20.482	2957	2960	2965	rVB	644181	813563	1.36%	0.333%
37	20.717	2994	3000	3011	rVB	759141	1976902	3.31%	0.809%
38	20.823	3015	3018	3022	rVB	550946	639574	1.07%	0.262%
39	20.905	3023	3032	3044	rBV	2986539	7732540	12.94%	3.163%
40	21.011	3046	3050	3053	rVB	530441	653948	1.09%	0.267%
41	21.140	3063	3072	3077	rBV	2782071	6757743	11.31%	2.764%

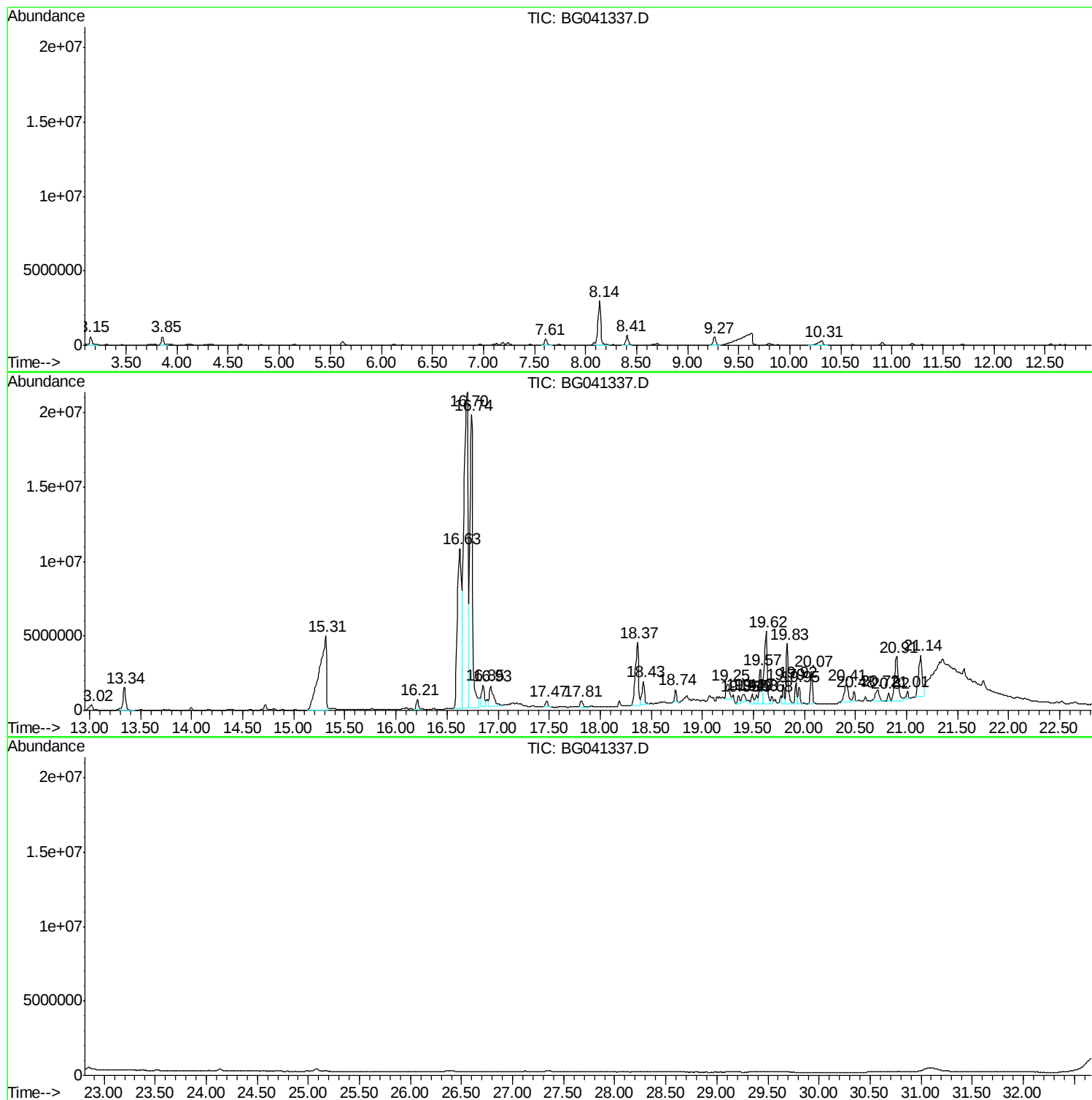
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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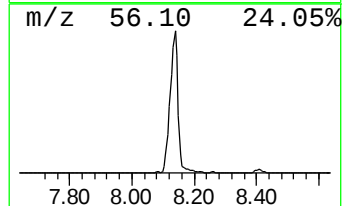
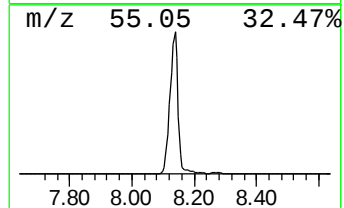
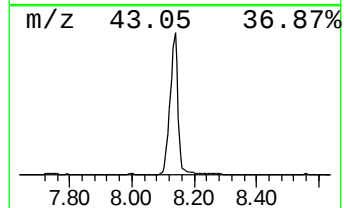
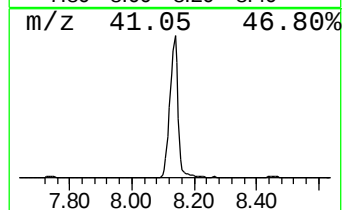
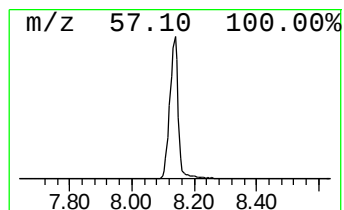
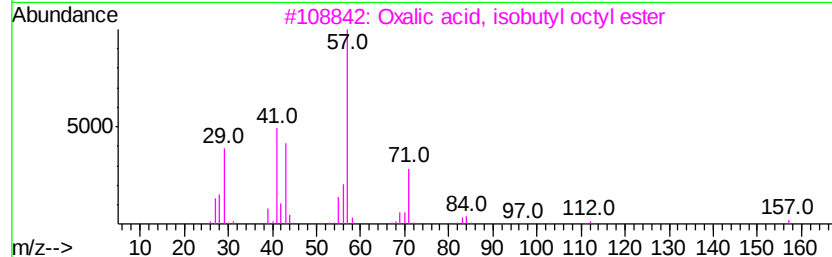
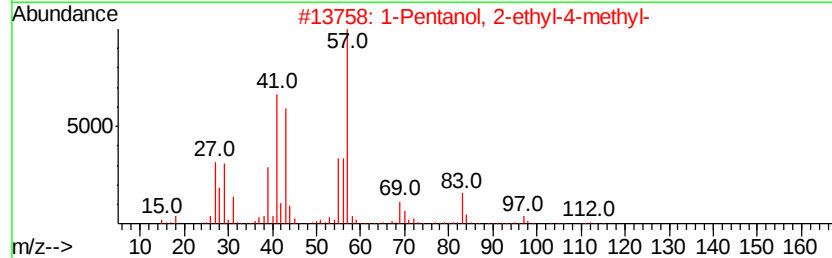
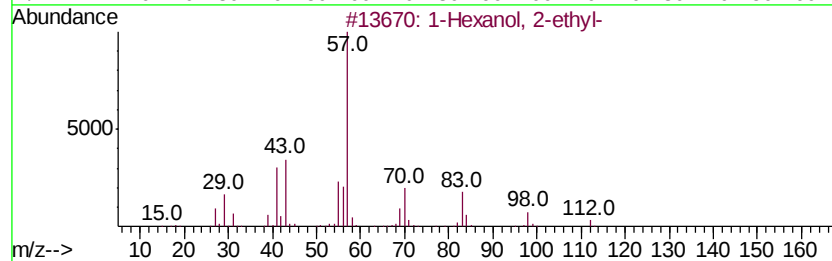
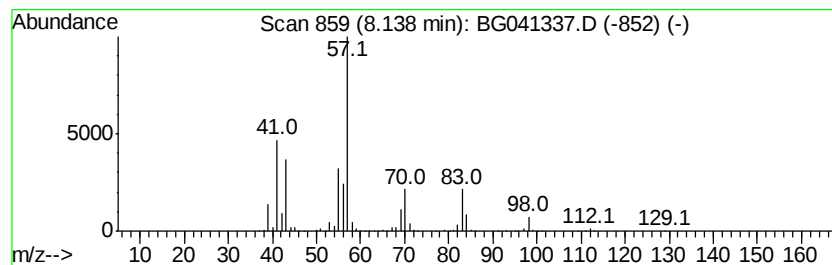
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	20.00 ng	5337420	1,4-Dichlorobenzene-d4	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
3		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	50
4		Bicyclo[3.1.0]hexan-2-ol	98	C6H10O	1000194-18-6	43
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42



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Misc :
ALS Vial : 18 Sample Multiplier: 1

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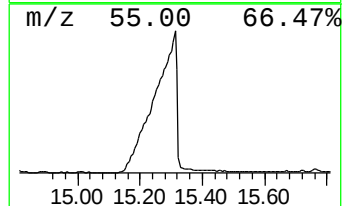
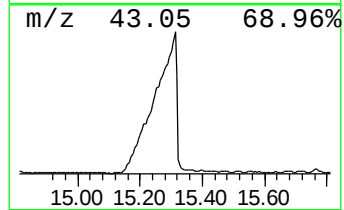
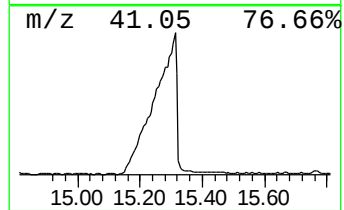
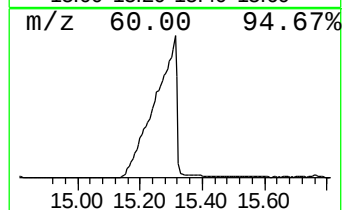
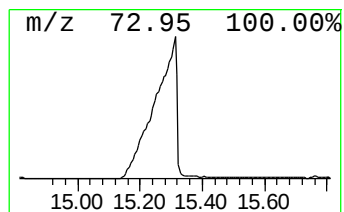
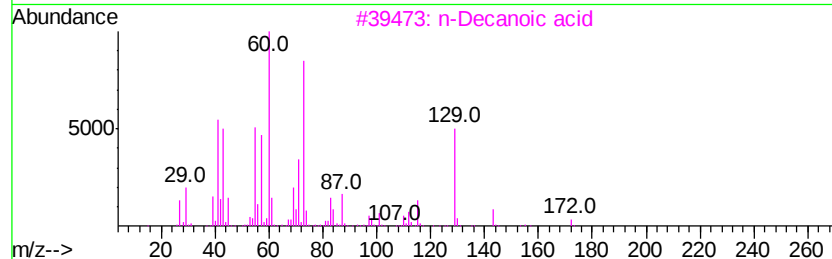
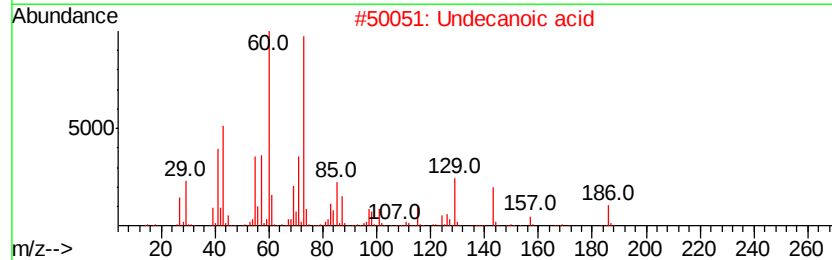
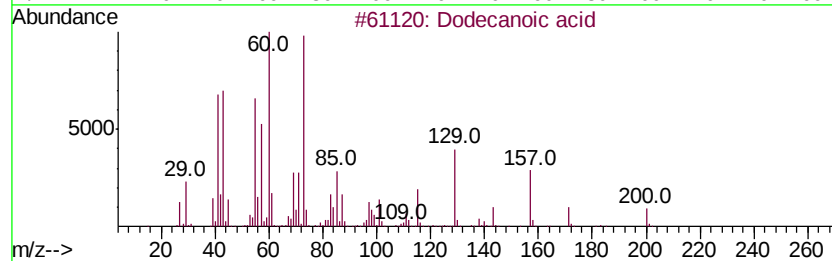
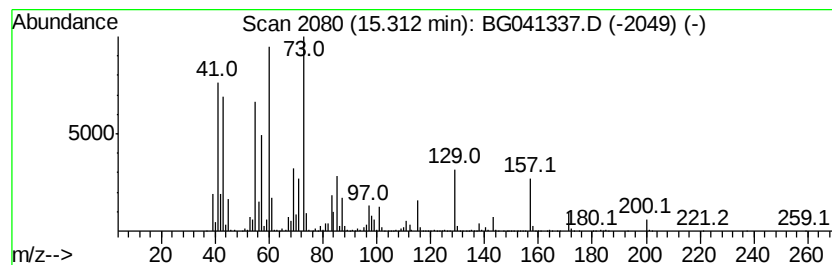
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dodecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.31	20.00 ng	23813100	Acenaphthene-d10	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2		Undecanoic acid	186	C11H22O2	000112-37-8	72
3		n-Decanoic acid	172	C10H20O2	000334-48-5	53
4		Octanoic acid	144	C8H16O2	000124-07-2	49
5		Nonanoic acid	158	C9H18O2	000112-05-0	46



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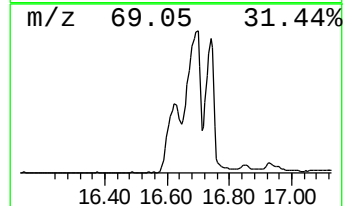
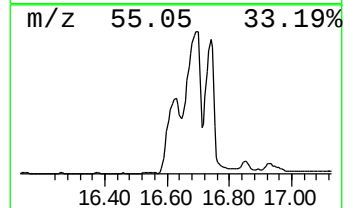
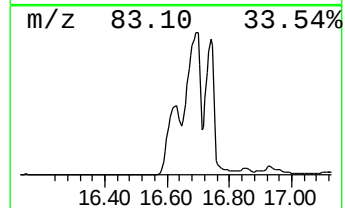
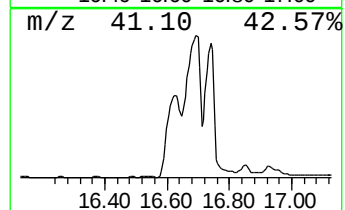
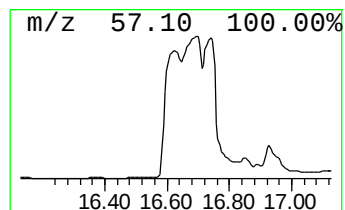
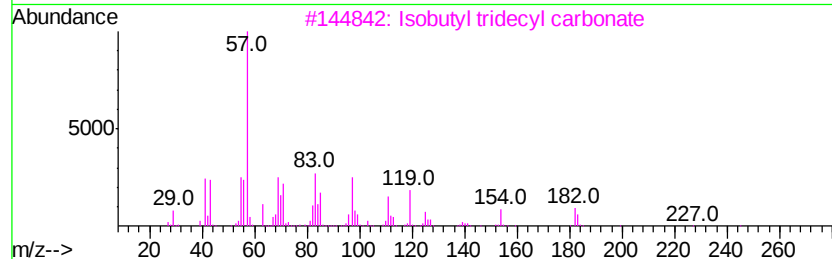
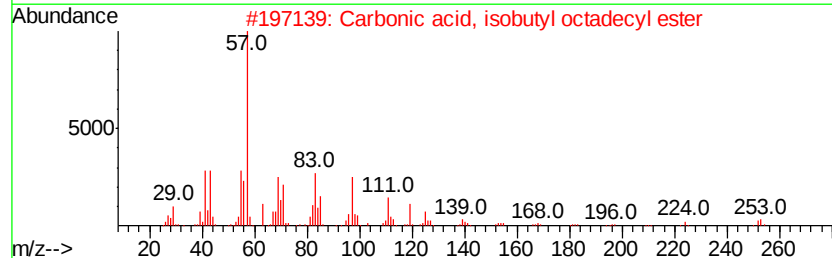
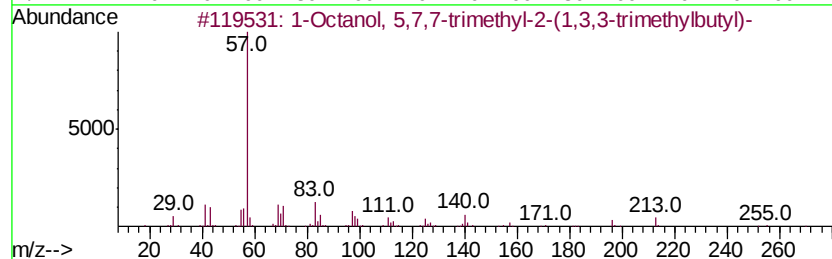
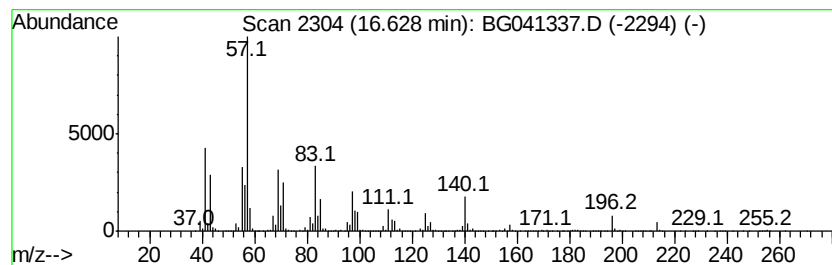
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.63	1022.85 ng	31490300	Phenanthrene-d10	17.47	
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	Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	72
3	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	72
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	53
5	Ditetradecyl ether	410	C28H58O	005412-98-6	50



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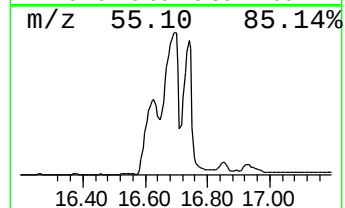
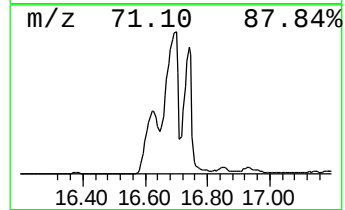
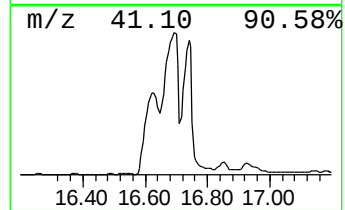
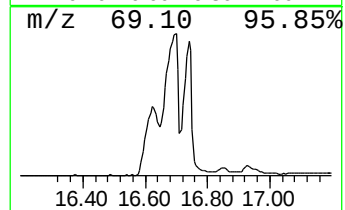
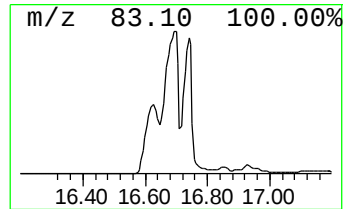
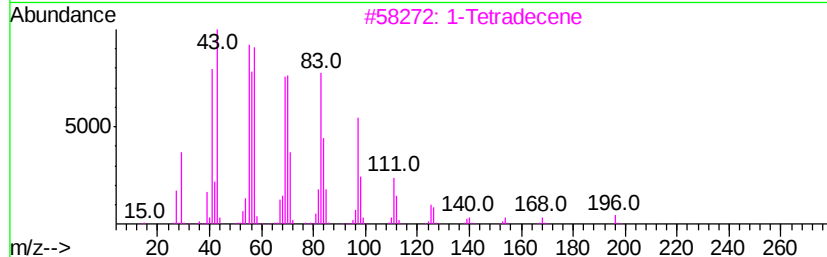
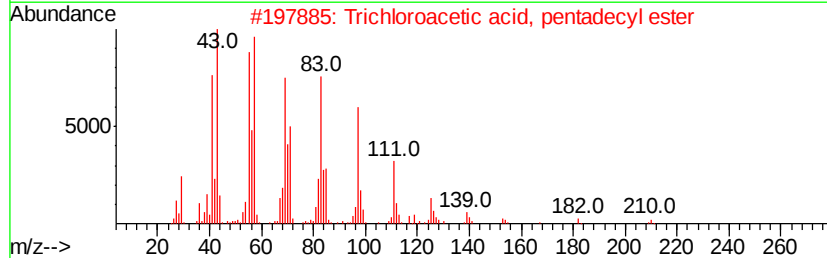
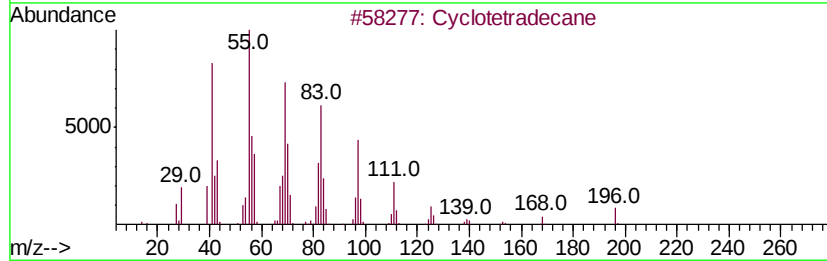
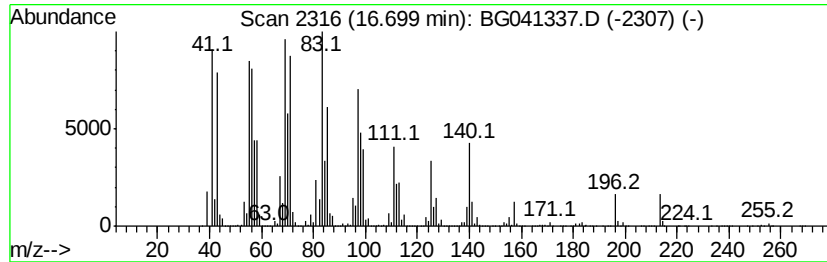
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Cyclotetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	1941.61 ng	59775900	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	70
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	64
3		1-Tetradecene	196	C14H28	001120-36-1	58
4		Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	41
5		5-Tetradecene, (E)-	196	C14H28	041446-66-6	38



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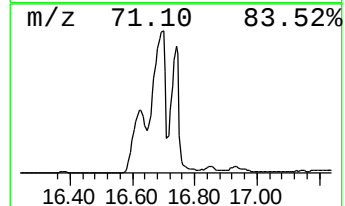
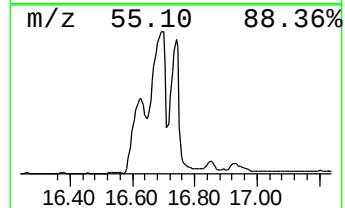
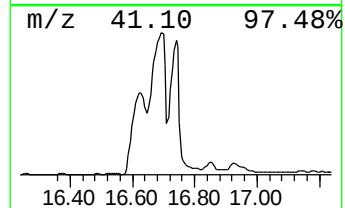
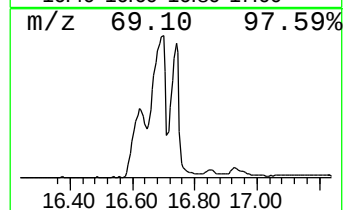
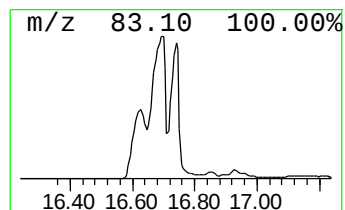
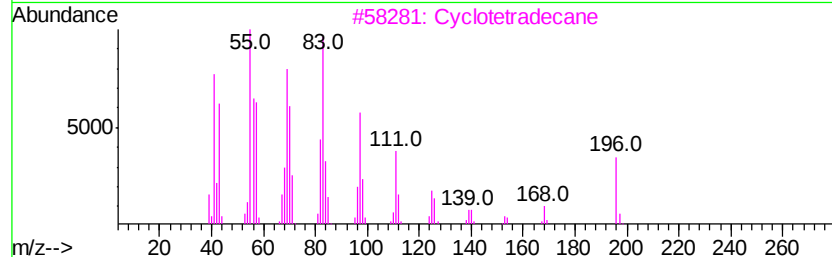
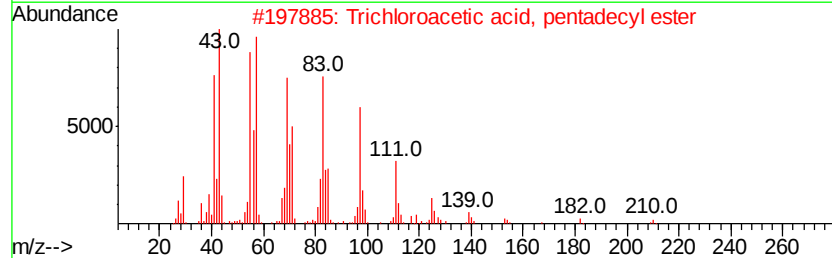
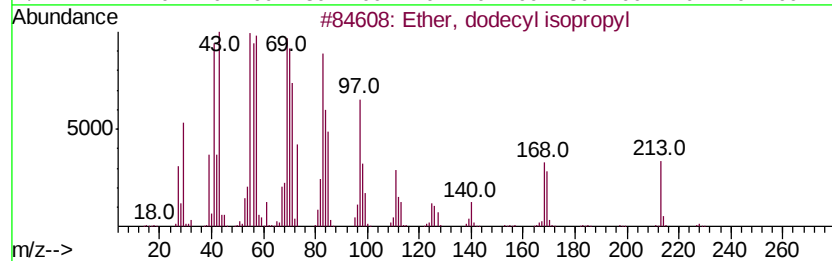
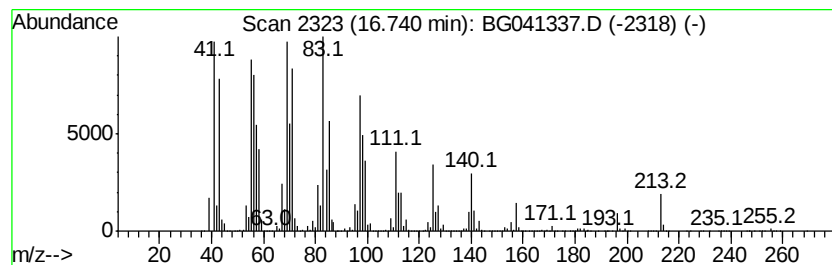
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Ether, dodecyl isopropyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	1229.48 ng	37851800	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ether, dodecyl isopropyl	228	C15H32O	029379-42-8	90
2		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	80
3		Cyclotetradecane	196	C14H28	000295-17-0	68
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	58
5		Titanium tetrachloride	188	Cl4Ti	007550-45-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
Operator : HP/JU
Sample : K3410-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

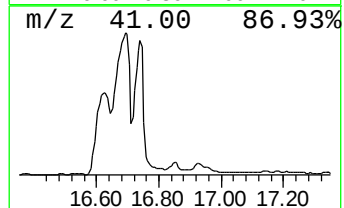
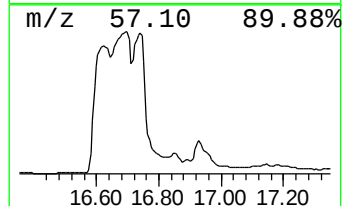
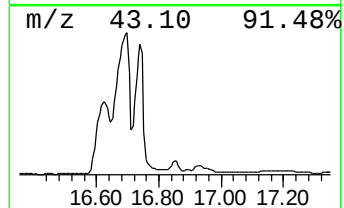
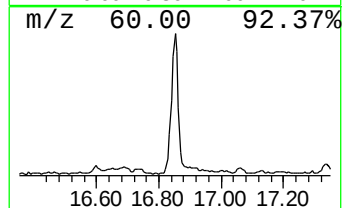
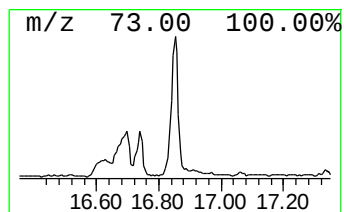
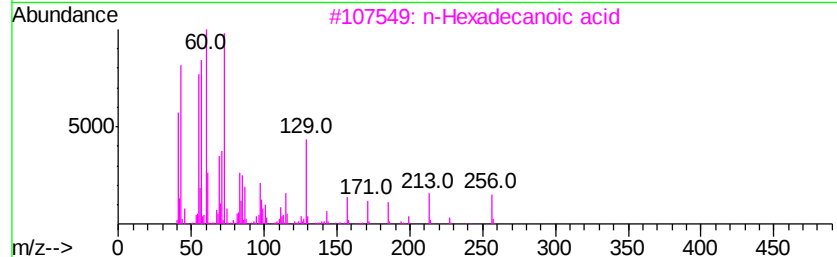
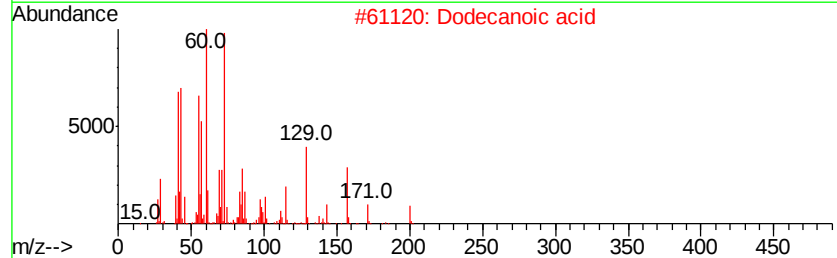
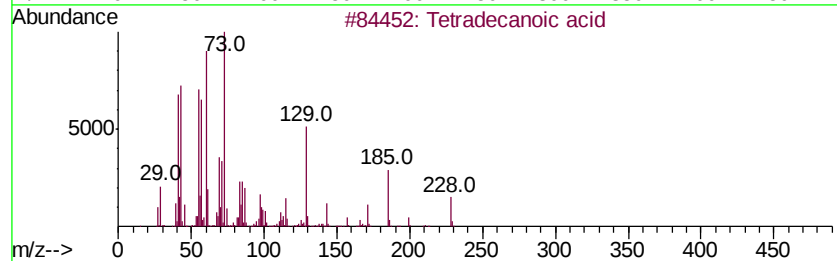
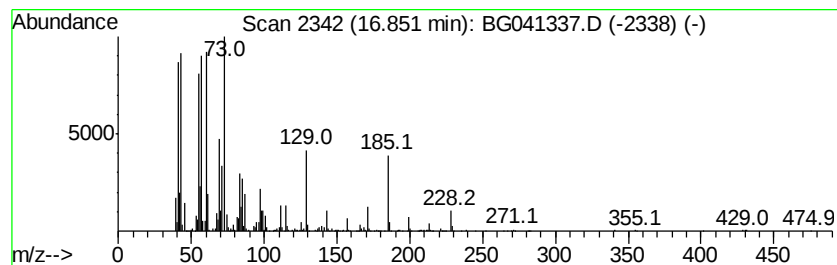
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	92.07 ng	2834480	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	98
2		Dodecanoic acid	200	C12H24O2	000143-07-7	68
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		n-Decanoic acid	172	C10H20O2	000334-48-5	60
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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ClientSampleId :
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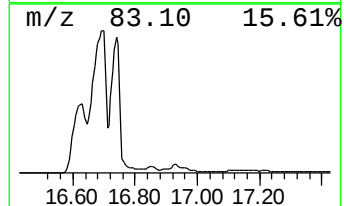
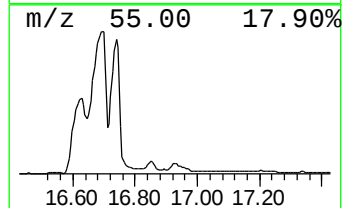
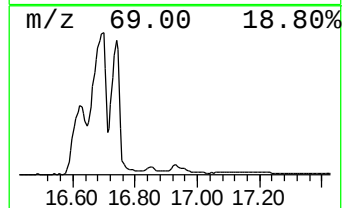
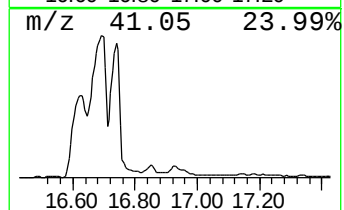
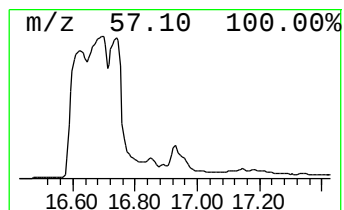
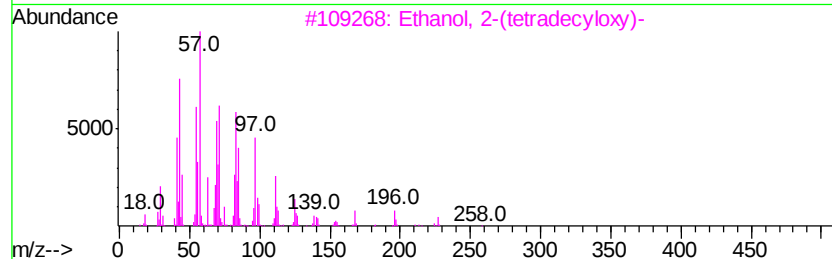
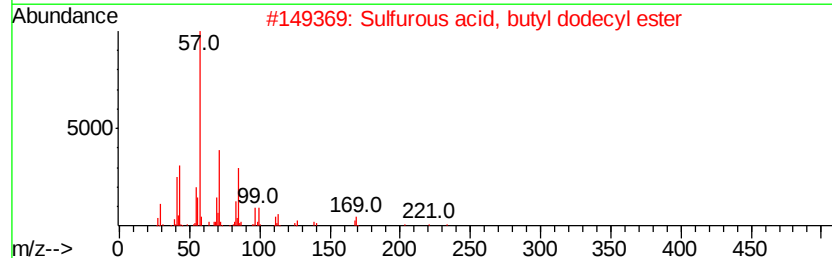
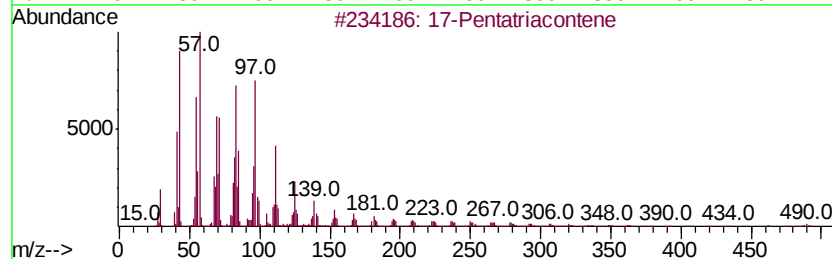
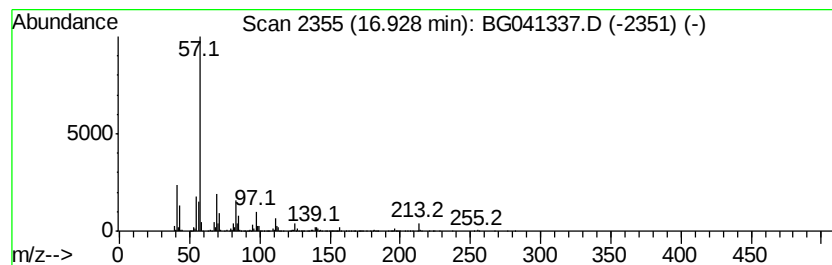
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	124.16 ng	3822600	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		17-Pentatriacontene	491	C35H70	006971-40-0	64
2		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	53
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	53
4		Tetratriacontyl heptafluorobutyrate	691	C38H69F7O2	1000351-84-1	52
5		Triacetyl pentafluoropropionate	584	C33H61F5O2	1000351-80-0	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
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Operator : HP/JU
Sample : K3410-01
Misc :
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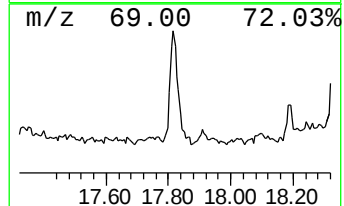
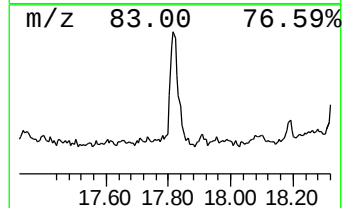
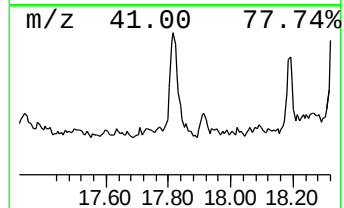
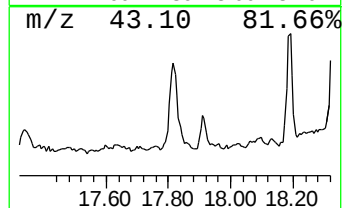
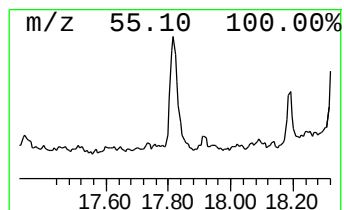
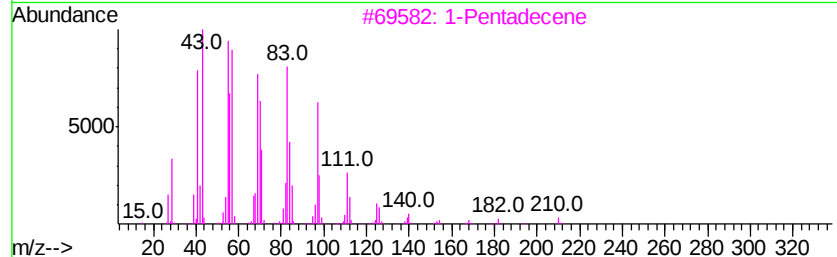
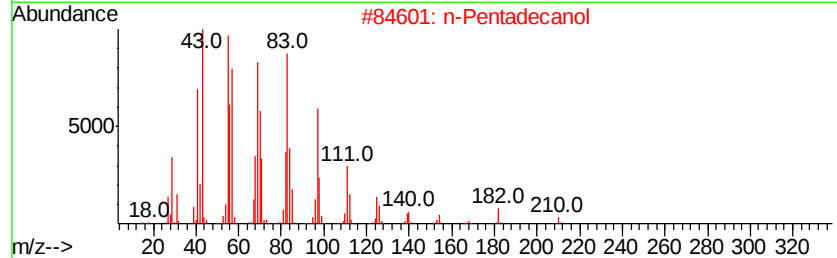
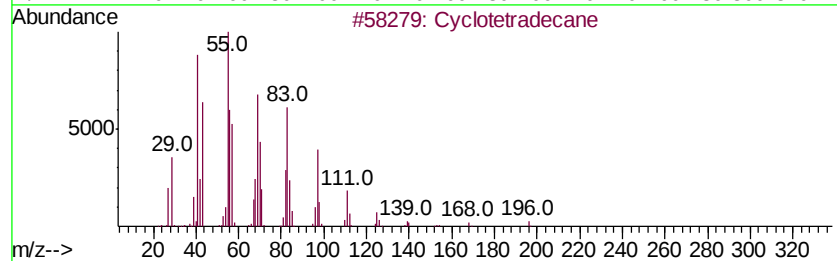
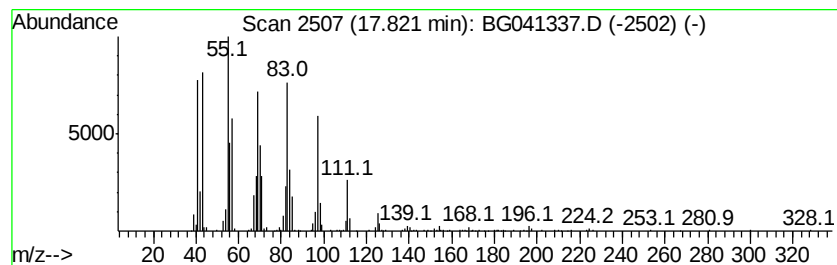
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Pentadecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.82	26.22 ng	807364	Phenanthrene-d10		17.47
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	n-Pentadecanol	228	C15H32O	000629-76-5	91
3	1-Pentadecene	210	C15H30	013360-61-7	91
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	91
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
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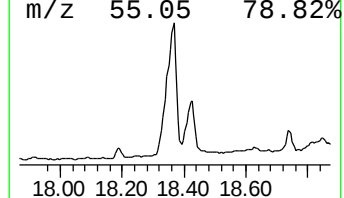
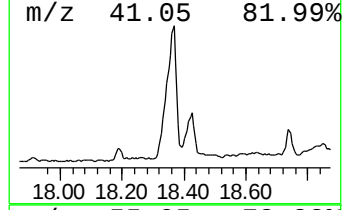
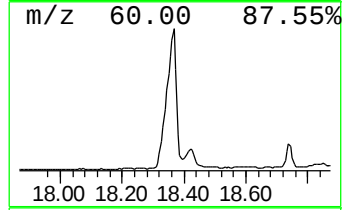
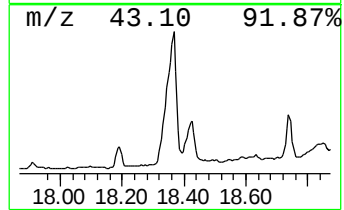
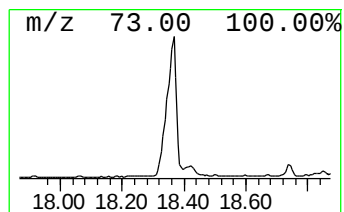
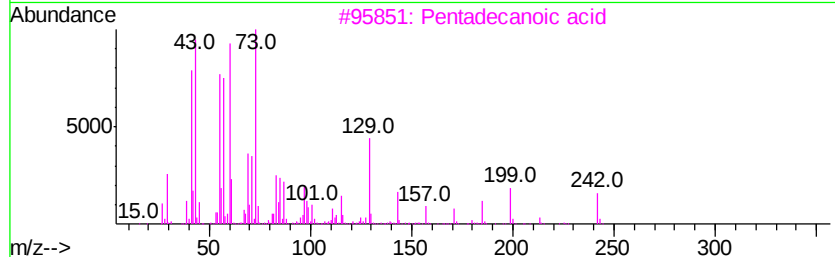
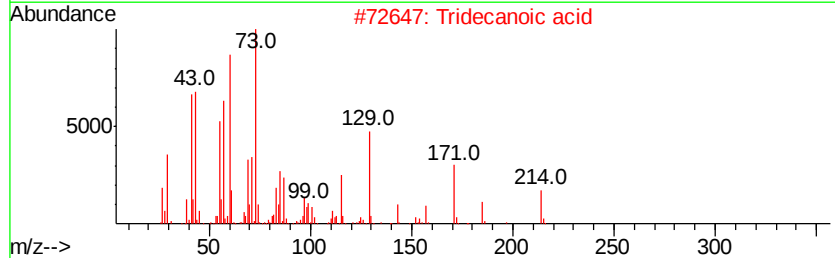
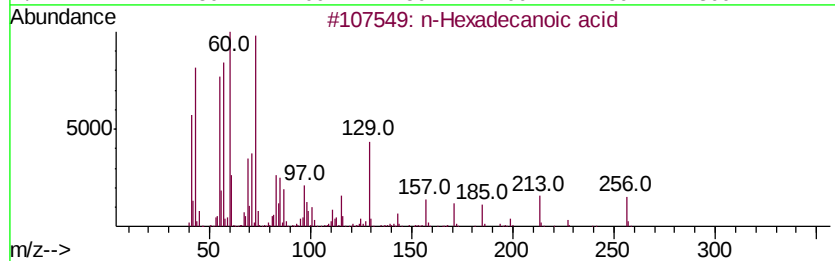
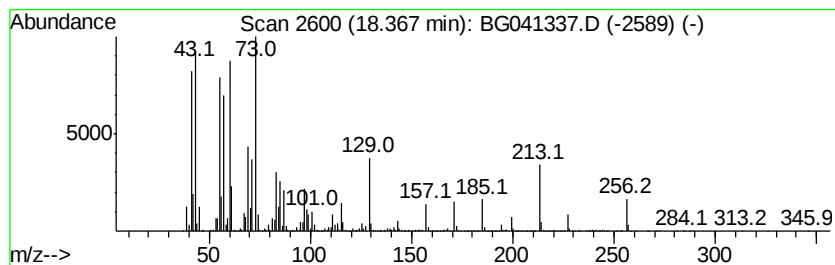
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	293.43 ng	9033720	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
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ClientSampleId :
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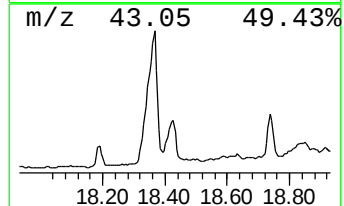
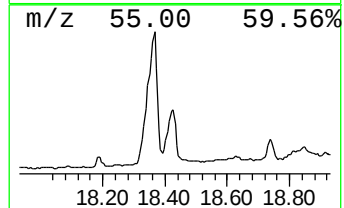
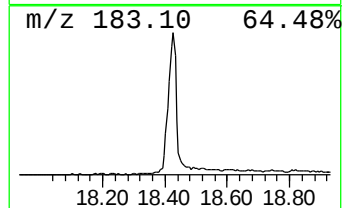
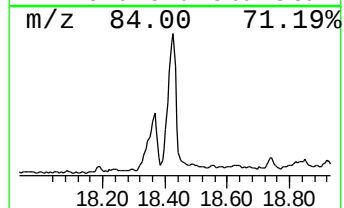
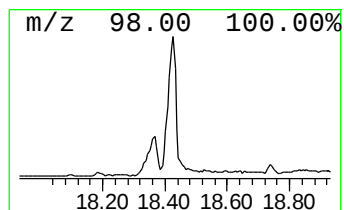
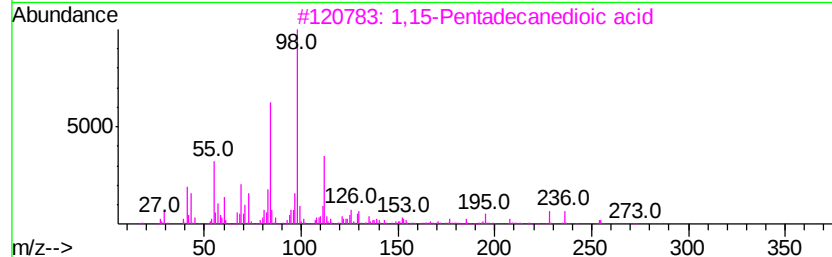
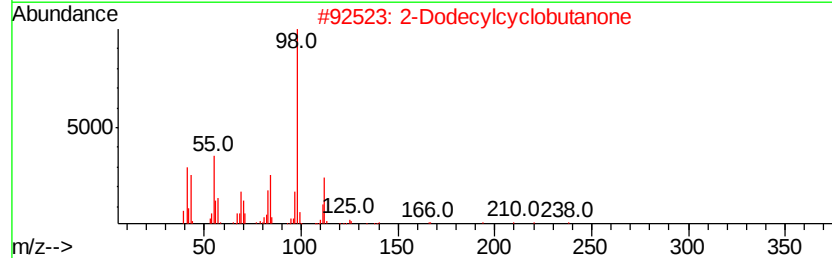
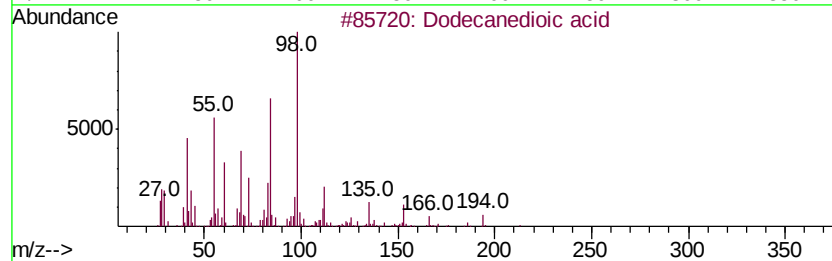
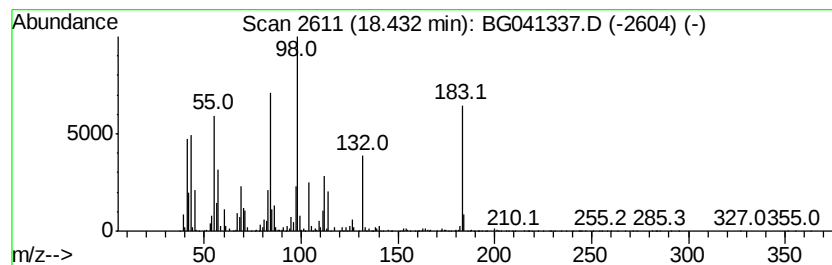
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown18.43 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	93.34 ng	2873530	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecanedioic acid	230	C12H22O4	000693-23-2	43
2		2-Dodecylcyclobutanone	238	C16H30O	035493-46-0	38
3		1,15-Pentadecanedioic acid	272	C15H28O4	001460-18-0	38
4		Tetradecanedioic acid	258	C14H26O4	000821-38-5	38
5		Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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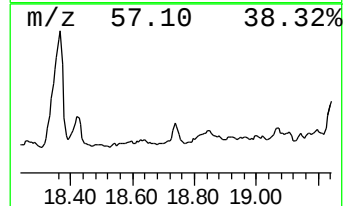
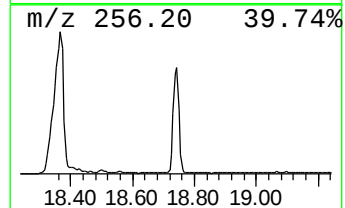
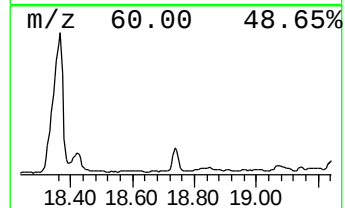
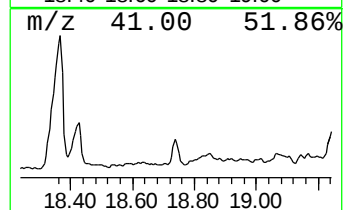
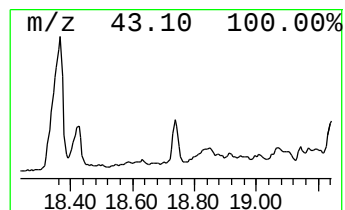
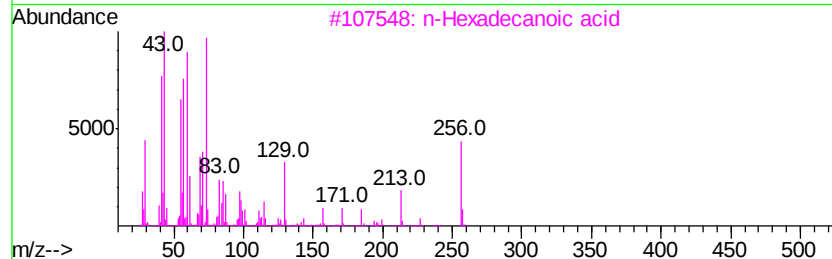
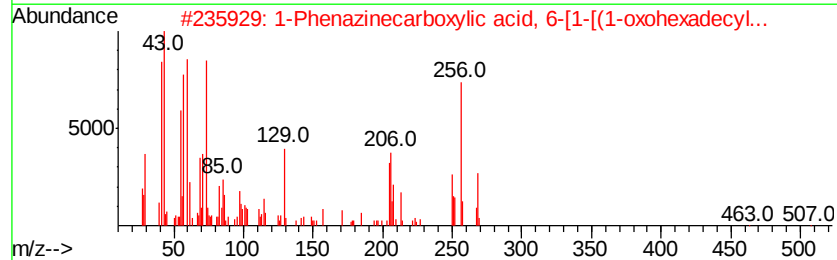
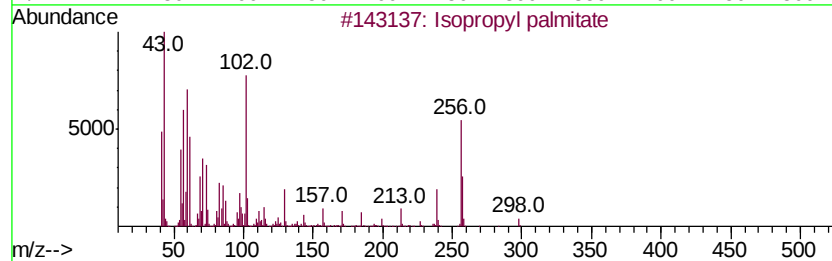
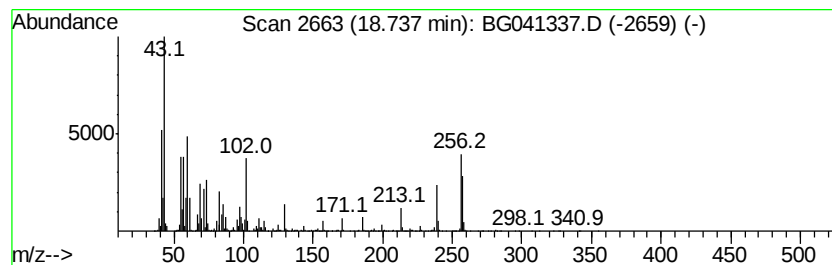
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Isopropyl palmitate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	34.82 ng	1072120	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl palmitate	298	C19H38O2	000142-91-6	80
2		1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	32
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	30
4		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	27
5		Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

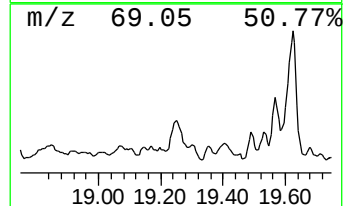
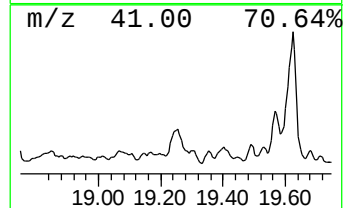
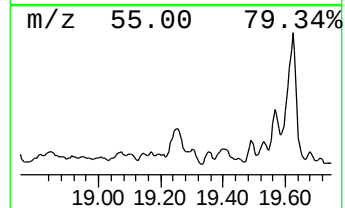
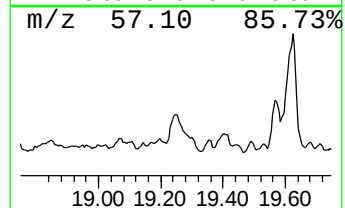
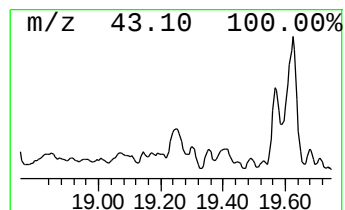
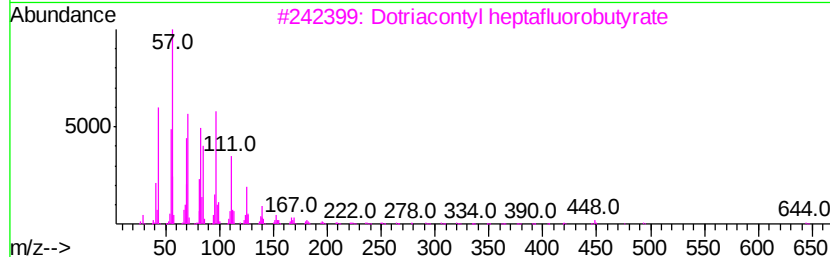
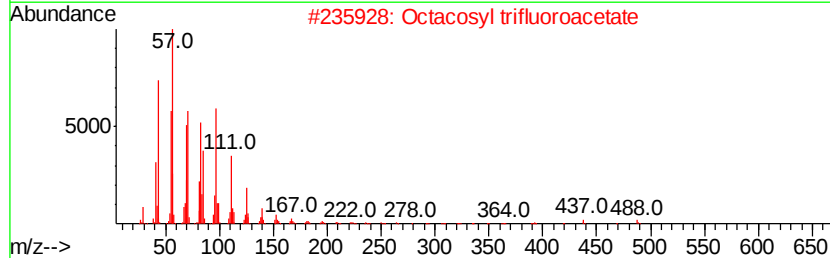
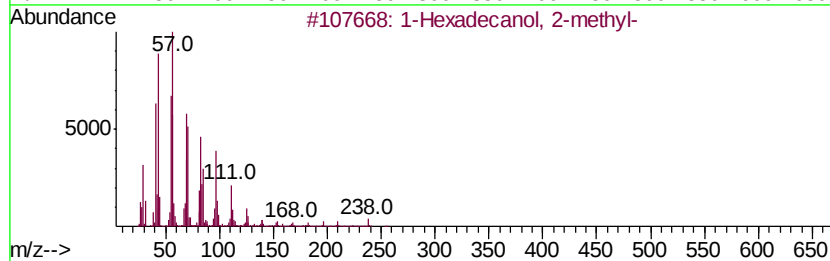
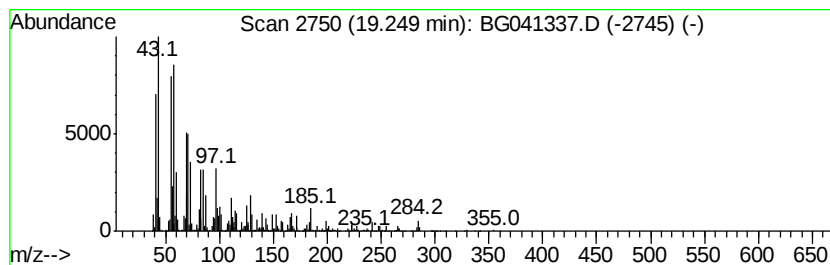
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Hexadecanol, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	75.77 ng	2332580	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	83
2		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	58
3		Dotriacontyl heptafluorobutyrate	662	C36H65F7O2	1000351-84-2	58
4		Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	58
5		Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
Operator : HP/JU
Sample : K3410-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

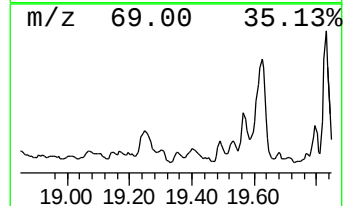
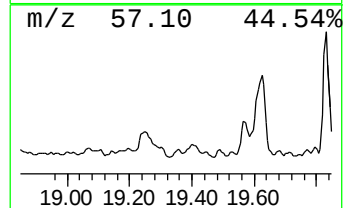
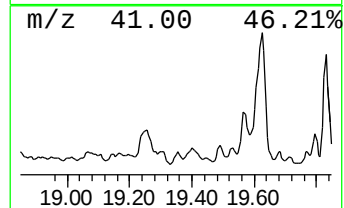
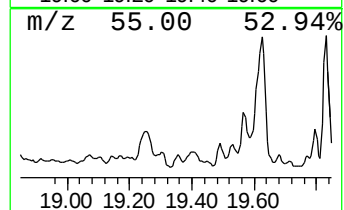
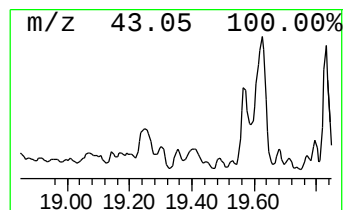
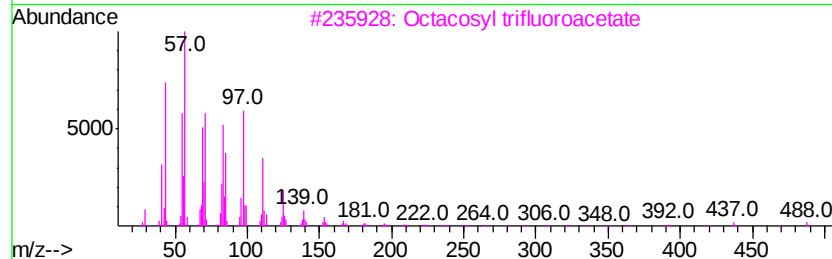
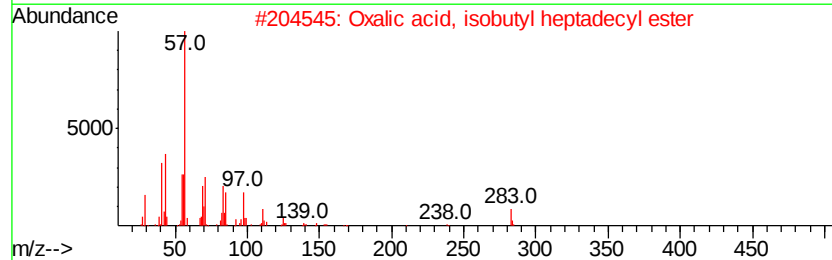
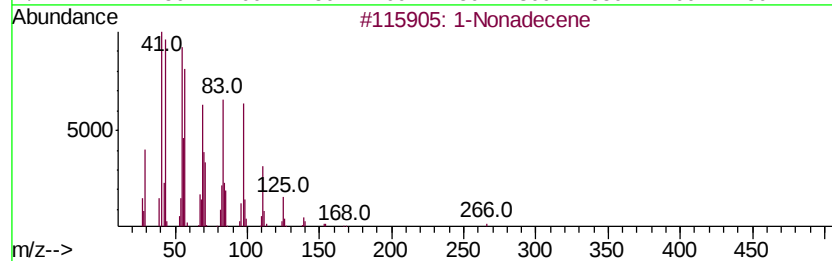
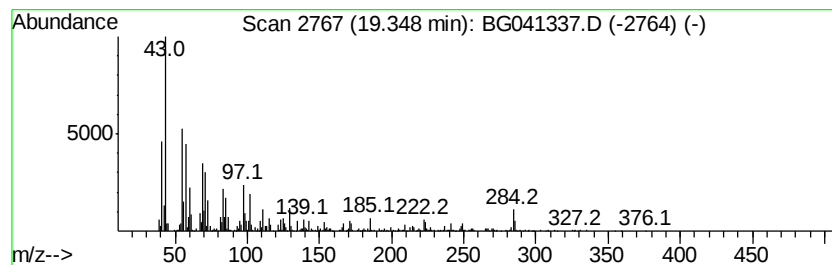
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Nonadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	25.46 ng	783847	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	56
2		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	45
3		Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	45
4		1-Heptacosanol	396	C27H56O	002004-39-9	43
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
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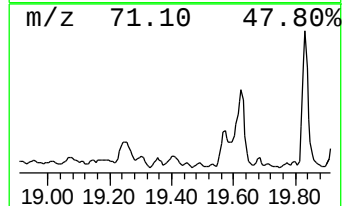
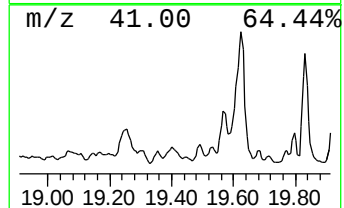
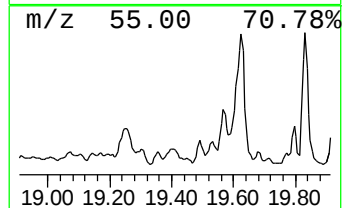
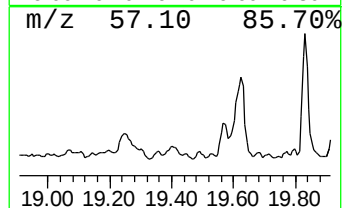
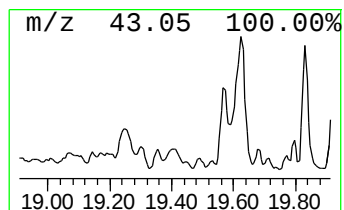
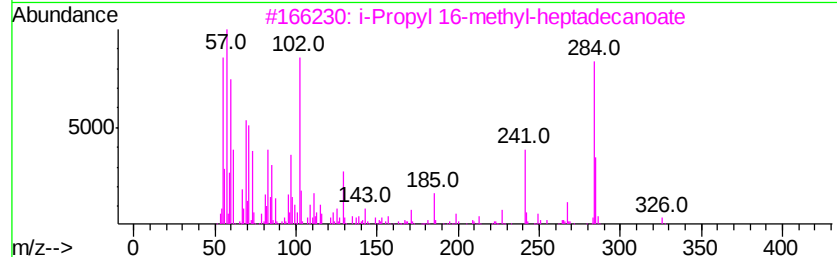
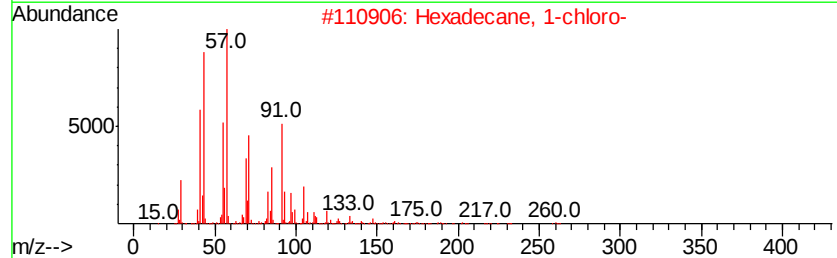
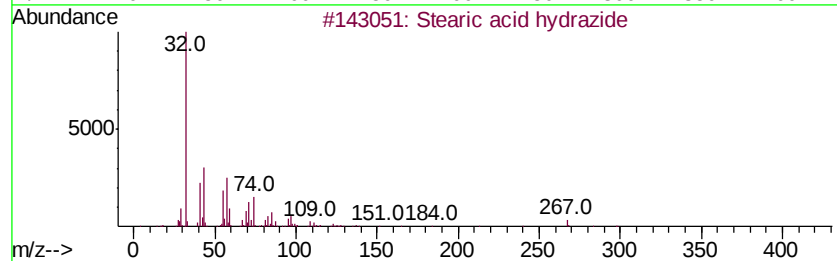
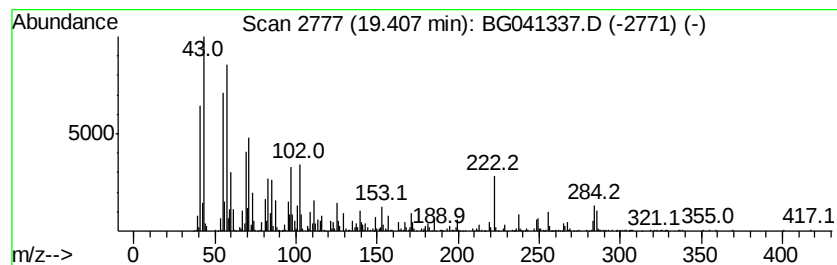
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Stearic acid hydrazide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	37.59 ng	1157290	Phenanthrene-d10	17.47

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Stearic acid hydrazide	298	C18H38N2O	004130-54-5	51
2			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	38
3			i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	38
4			2-Piperidinone, N-[4-bromo-n-but...	233	C9H16BrNO	195194-80-0	38
5			Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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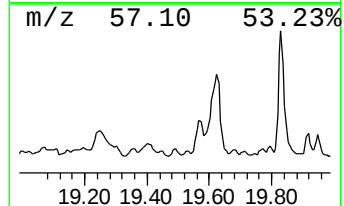
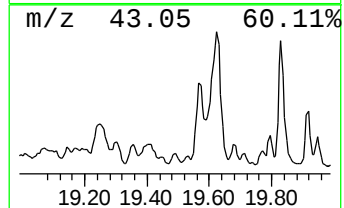
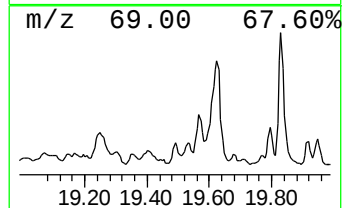
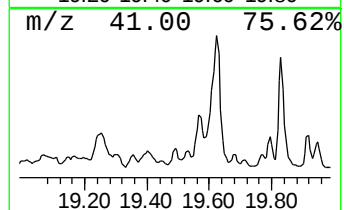
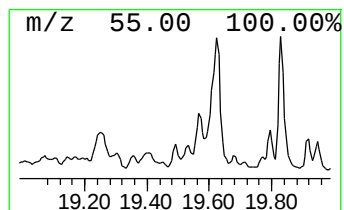
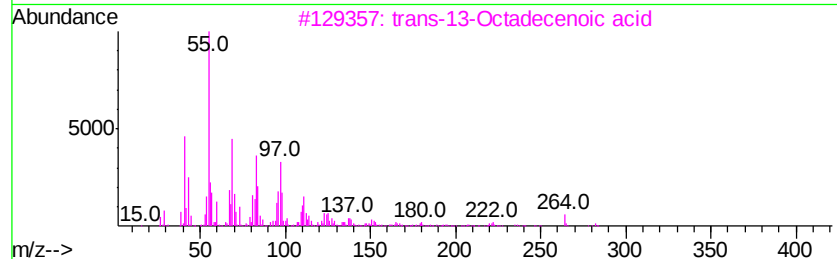
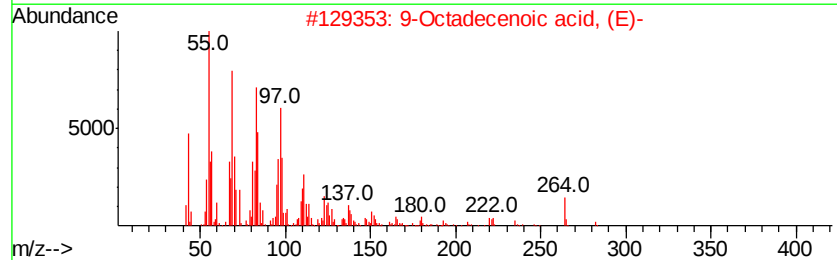
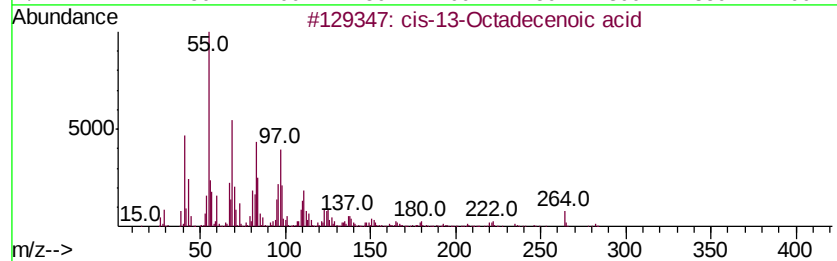
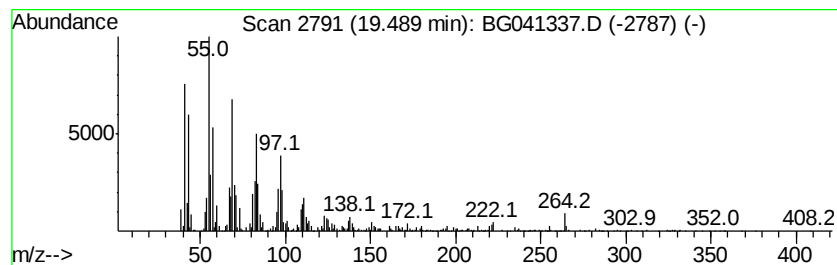
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 cis-13-Octadecenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	29.75 ng	916026	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	98
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
3		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	97
4		Oleic Acid	282	C18H34O2	000112-80-1	92
5		n-Propyl 11-octadecenoate	324	C21H40O2	1000336-71-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
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Sample : K3410-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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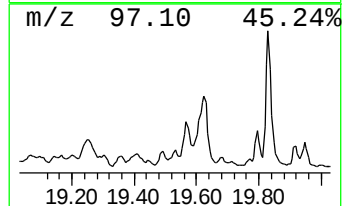
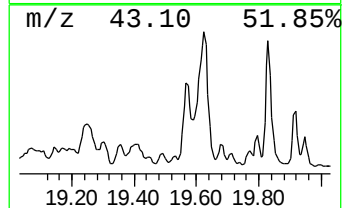
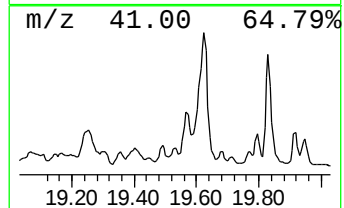
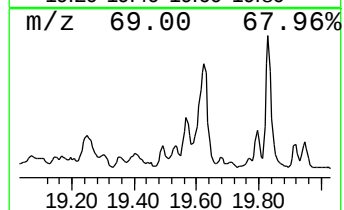
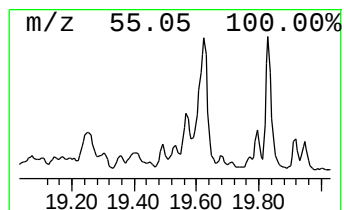
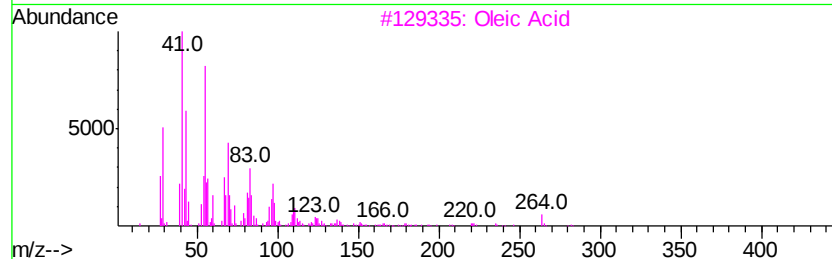
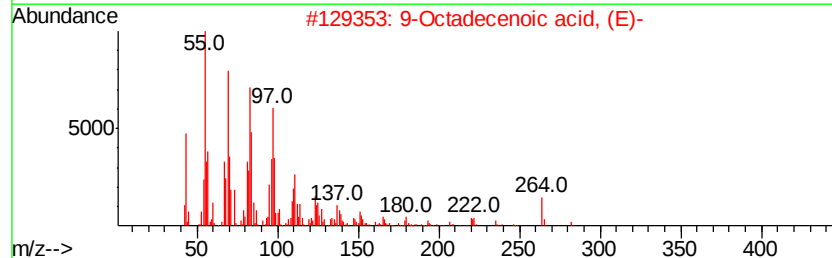
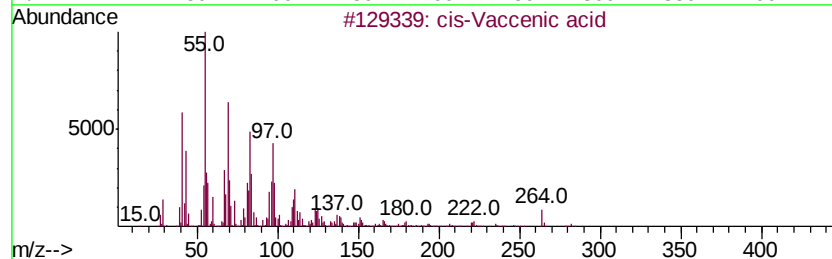
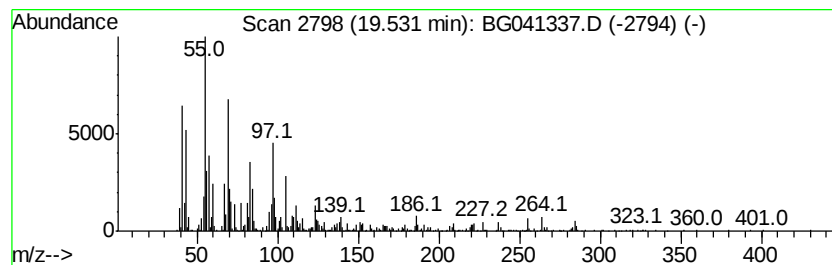
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 cis-Vaccenic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.53	28.94 ng	890966	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	95
2		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	94
3		Oleic Acid	282	C18H34O2	000112-80-1	86
4		6-Octadecenoic acid	282	C18H34O2	1000336-66-8	60
5		22-Tricosenoic acid	352	C23H44O2	065119-95-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
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ALS Vial : 18 Sample Multiplier: 1

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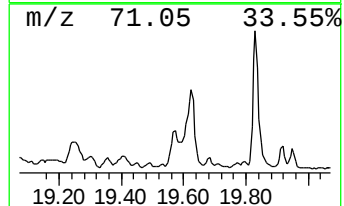
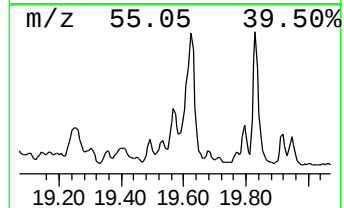
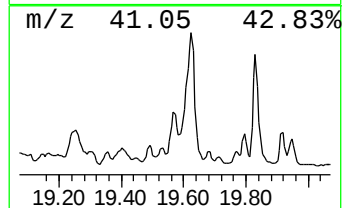
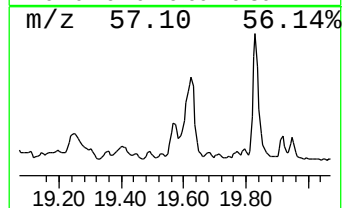
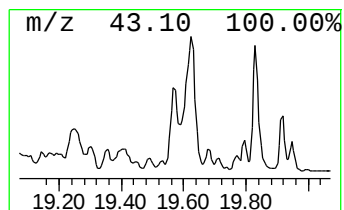
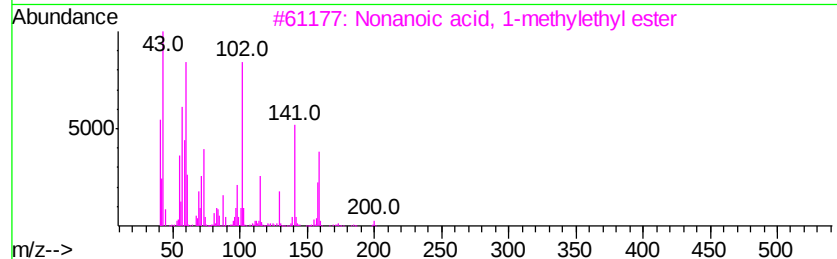
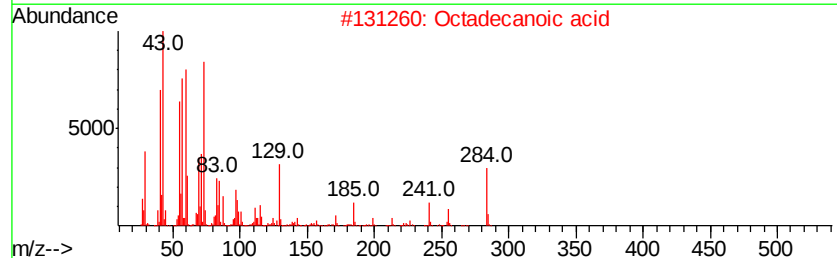
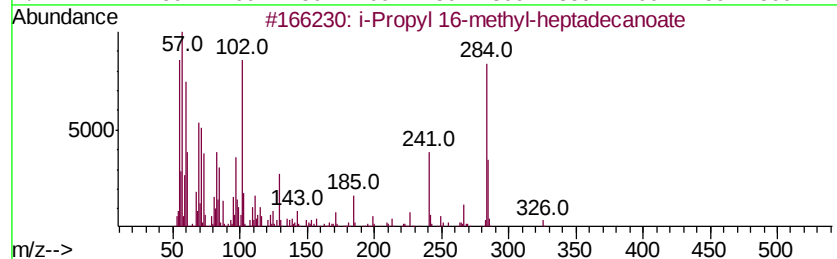
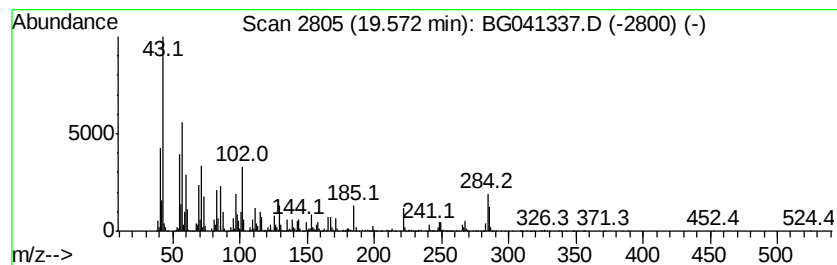
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown19.57 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	133.17 ng	4099820	Phenanthrene-d10	17.47

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	45
2		Octadecanoic acid	284	C18H36O2	000057-11-4	27
3		Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	22
4		Butanoic acid, 2-methyl-, ethyl ...	130	C7H14O2	007452-79-1	14
5		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
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ALS Vial : 18 Sample Multiplier: 1

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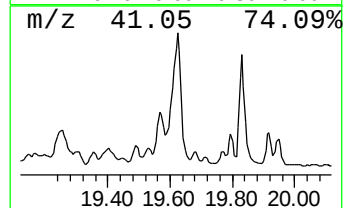
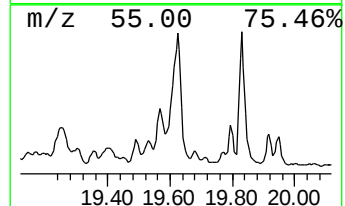
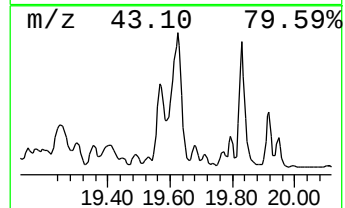
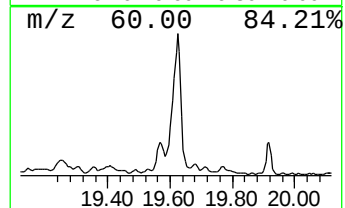
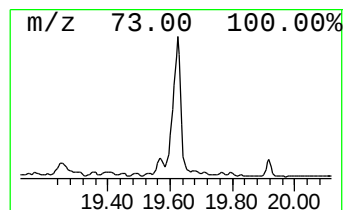
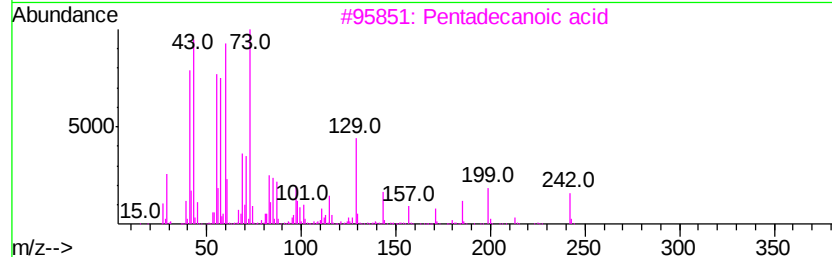
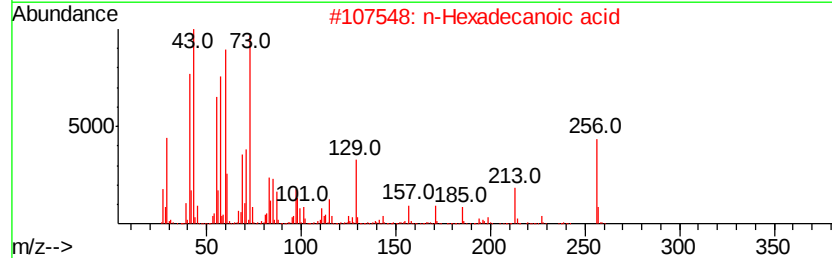
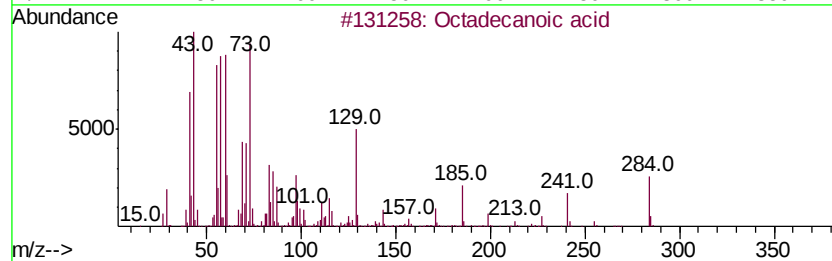
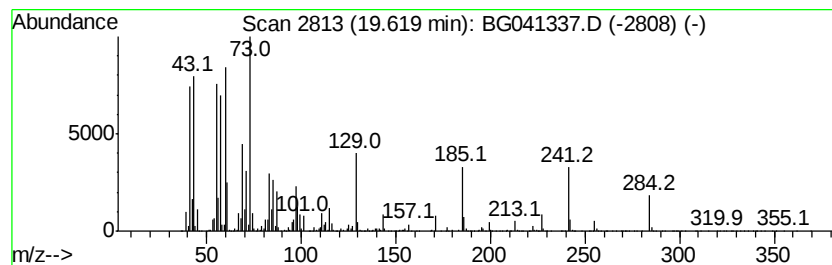
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	29.51 ng	9970700	Chrysene-d12	21.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	98
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041337.D
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
EFF-WASTE-WATER

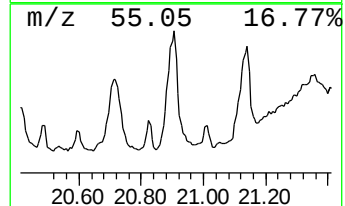
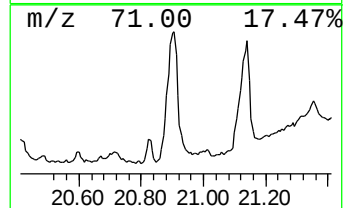
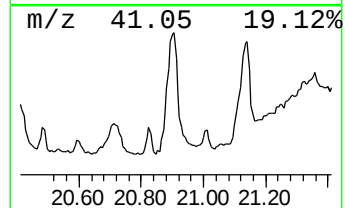
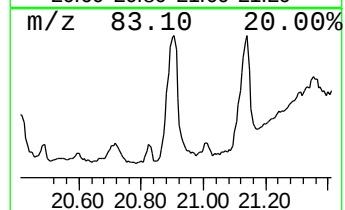
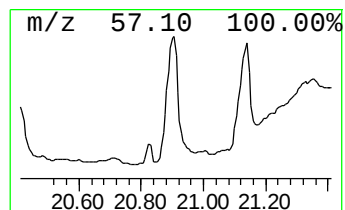
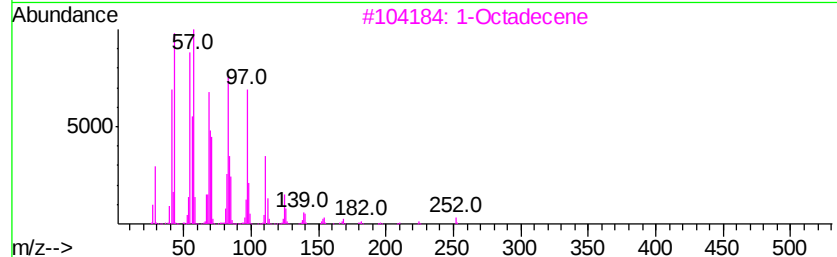
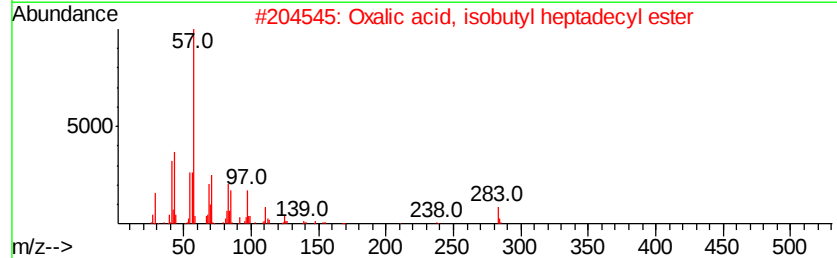
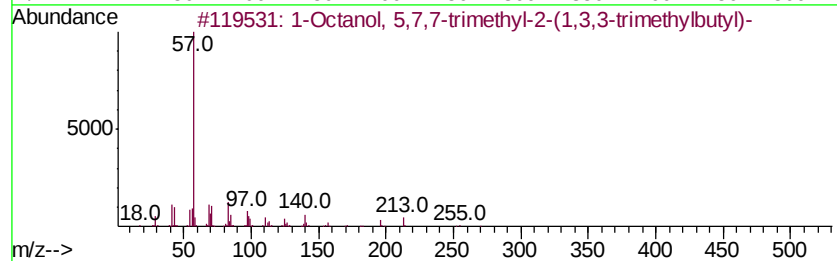
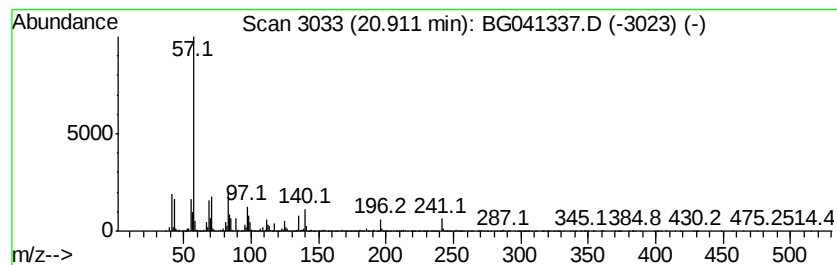
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Oxalic acid, isobutyl hepta... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	22.89 ng	7732540	Chrysene-d12	21.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	64
2		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	50
3		1-Octadecene	252	C18H36	000112-88-9	49
4		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	49
5		Decan-2-yl isobutyl carbonate	258	C15H30O3	1000372-79-5	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
Data File : BG041337.D
Acq On : 19 Jun 2019 20:46
Operator : HP/JU
Sample : K3410-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

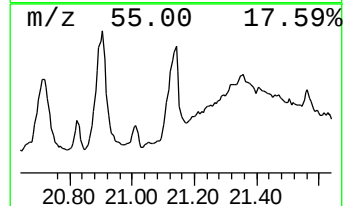
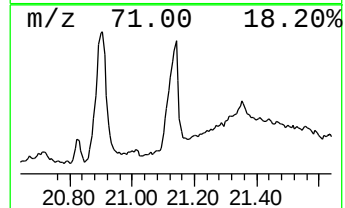
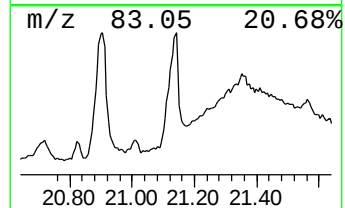
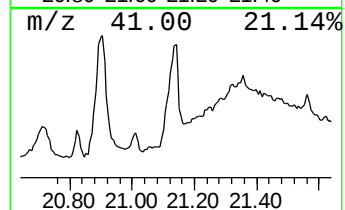
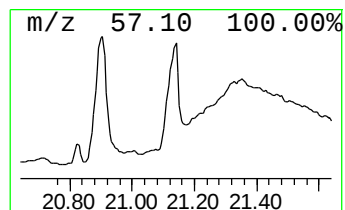
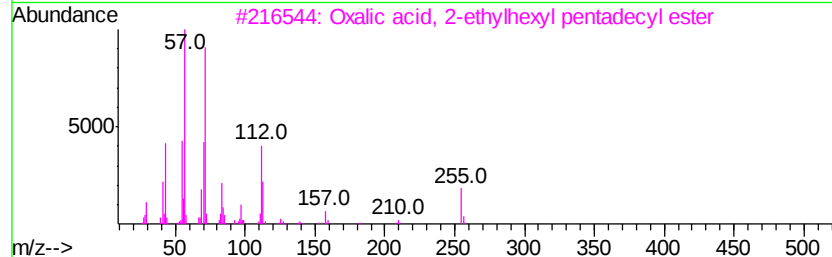
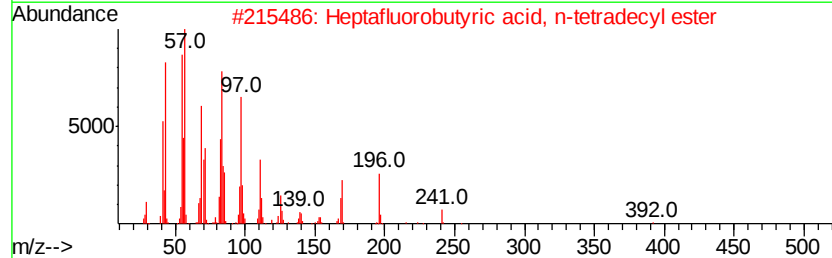
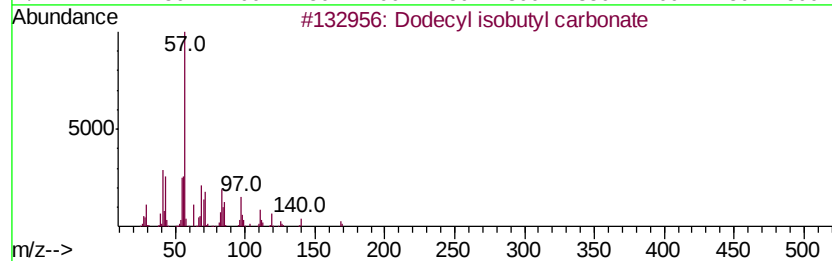
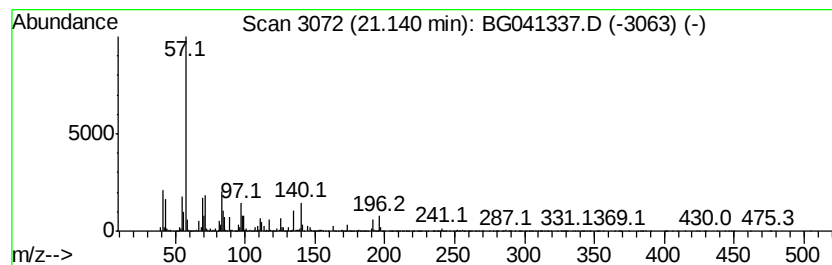
Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dodecyl isobutyl carbonate Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.14	20.00 ng	6757740	Chrysene-d12	21.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dodecyl isobutyl carbonate	286 C17H34O3	959067-22-2 50
2		Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8 49
3		Oxalic acid, 2-ethylhexyl pentad...	412 C25H48O4	1000309-39-8 47
4		1-Decanol, 2-ethyl-	186 C12H26O	021078-65-9 47
5		1-Octanol, 5,7,7-trimethyl-2-(1,...	270 C18H38O	036400-98-3 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061919\
 Data File : BG041337.D
 Acq On : 19 Jun 2019 20:46
 Operator : HP/JU
 Sample : K3410-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	8.14	20.0	ng	5337420	1	8.08	5337420	20.0
Dodecanoic acid	15.31	20.0	ng	23813100	3	14.72	23813100	20.0
1-Octanol, 5,7,7-...	16.63	1022.9	ng	31490300	4	17.47	615737	20.0
Cyclotetradecane	16.70	1941.6	ng	59775900	4	17.47	615737	20.0
Ether, dodecyl is...	16.74	1229.5	ng	37851800	4	17.47	615737	20.0
Tetradecanoic acid	16.85	92.1	ng	2834480	4	17.47	615737	20.0
17-Pentatriacontene	16.93	124.2	ng	3822600	4	17.47	615737	20.0
n-Pentadecanol	17.82	26.2	ng	807364	4	17.47	615737	20.0
n-Hexadecanoic acid	18.37	293.4	ng	9033720	4	17.47	615737	20.0
unknown18.43	18.43	93.3	ng	2873530	4	17.47	615737	20.0
Isopropyl palmitate	18.74	34.8	ng	1072120	4	17.47	615737	20.0
1-Hexadecanol, 2-...	19.25	75.8	ng	2332580	4	17.47	615737	20.0
1-Nonadecene	19.35	25.5	ng	783847	4	17.47	615737	20.0
Stearic acid hydr...	19.41	37.6	ng	1157290	4	17.47	615737	20.0
cis-13-Octadeceno...	19.49	29.8	ng	916026	4	17.47	615737	20.0
cis-Vaccenic acid	19.53	28.9	ng	890966	4	17.47	615737	20.0
unknown19.57	19.57	133.2	ng	4099820	4	17.47	615737	20.0
Octadecanoic acid	19.62	29.5	ng	9970700	5	21.75	6757740	20.0
Oxalic acid, isob...	20.91	22.9	ng	7732540	5	21.75	6757740	20.0
Dodecyl isobutyl ...	21.14	20.0	ng	6757740	5	21.75	6757740	20.0