

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024760.D
 Acq On : 8 Nov 2016 15:26
 Operator : UM/SJ
 Sample : H5558-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

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:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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	7.404	741	777	782	rBV4	1050272	5851175	2.50%	0.409%
2	8.320	924	933	948	rVB	9704027	19416413	8.31%	1.357%
3	8.591	972	979	989	rVB	1755748	3154248	1.35%	0.220%
4	9.437	1115	1123	1130	rBV	1520040	2892385	1.24%	0.202%
5	9.783	1130	1182	1185	rVV	2553360	20505942	8.78%	1.433%
6	10.641	1277	1328	1329	rBV3	3233512	26121040	11.18%	1.825%
7	13.467	1750	1809	1811	rBV	13175052	120451235	51.55%	8.416%
8	13.502	1811	1815	1824	rVV	4069911	6898798	2.95%	0.482%
9	14.501	1978	1985	1995	rBV	9569978	14059427	6.02%	0.982%
10	14.877	2045	2049	2057	rVB2	1311249	2453784	1.05%	0.171%
11	15.494	2110	2154	2158	rBV3	31242836	213558398	91.40%	14.922%
12	16.393	2299	2307	2315	rVB2	8149261	13925613	5.96%	0.973%
13	16.763	2362	2370	2374	rBV	4086567	6596591	2.82%	0.461%
14	16.810	2374	2378	2383	rVV	8013870	13201747	5.65%	0.922%
15	16.863	2383	2387	2397	rVB	5018290	9311876	3.99%	0.651%
16	17.133	2410	2433	2437	rBV	24439439	104334174	44.65%	7.290%
17	17.222	2442	2448	2455	rVB	6160987	10623444	4.55%	0.742%
18	17.462	2484	2489	2493	rVB	6689697	9064724	3.88%	0.633%
19	17.633	2512	2518	2526	rVB2	1666054	2859165	1.22%	0.200%
20	18.003	2570	2581	2588	rBV	46219069	91356644	39.10%	6.383%
21	18.209	2611	2616	2621	rVB	7926725	10385590	4.44%	0.726%
22	18.344	2635	2639	2649	rBV	1522978	2716767	1.16%	0.190%
23	18.544	2657	2673	2683	rBV	21603097	64817440	27.74%	4.529%
24	18.890	2725	2732	2737	rBV2	13437344	18322350	7.84%	1.280%
25	18.949	2737	2742	2750	rBV	2591520	7118206	3.05%	0.497%
26	19.213	2782	2787	2789	rBV2	2549620	4056599	1.74%	0.283%
27	19.243	2789	2792	2796	rVB2	2928769	4019275	1.72%	0.281%
28	19.325	2802	2806	2812	rVV2	2326159	3692676	1.58%	0.258%
29	19.378	2812	2815	2819	rBV3	2220686	3414875	1.46%	0.239%
30	19.442	2824	2826	2831	rVB	2170738	2746139	1.18%	0.192%
31	19.513	2831	2838	2842	rBV	7631858	12551922	5.37%	0.877%
32	19.560	2842	2846	2849	rVV2	3548752	6295922	2.69%	0.440%
33	19.589	2849	2851	2854	rVV	3009390	3698922	1.58%	0.258%
34	19.625	2854	2857	2859	rVV2	2490486	3450712	1.48%	0.241%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
 Data File : BG024760.D
 Acq On : 8 Nov 2016 15:26
 Operator : UM/SJ
 Sample : H5558-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

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:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	19.707	2859	2871	2882	rVV4	34905436	117327913	50.21%	8.198%
36	19.789	2882	2885	2889	rVV3	12492901	18808351	8.05%	1.314%
37	19.824	2889	2891	2894	rVV	4976727	5527268	2.37%	0.386%
38	19.913	2902	2906	2912	rVB2	3607241	4351578	1.86%	0.304%
39	19.977	2912	2917	2928	rVB	6945766	12008021	5.14%	0.839%
40	20.142	2928	2945	2949	rBV2	74497271	233655678	100.00%	16.326%
41	20.218	2952	2958	2961	rVV	7992344	11337257	4.85%	0.792%
42	20.253	2961	2964	2967	rVV	2284950	2445659	1.05%	0.171%
43	20.289	2967	2970	2974	rVB2	2684113	3129704	1.34%	0.219%
44	20.336	2974	2978	2985	rBV3	2305133	4147294	1.77%	0.290%
45	20.482	3000	3003	3015	rVB4	1735503	3899955	1.67%	0.272%
46	20.629	3023	3028	3031	rVV	5351437	6094790	2.61%	0.426%
47	20.735	3041	3046	3049	rBV2	1857976	3563926	1.53%	0.249%
48	20.764	3049	3051	3054	rVV2	2047153	2395579	1.03%	0.167%
49	20.800	3054	3057	3060	rVV3	2053714	3402601	1.46%	0.238%
50	20.835	3060	3063	3067	rVB2	2465917	3259532	1.40%	0.228%
51	20.935	3076	3080	3084	rBV	8763809	10804004	4.62%	0.755%
52	21.158	3110	3118	3122	rBV	3794355	5511039	2.36%	0.385%
53	21.205	3122	3126	3132	rBV	4114503	5380690	2.30%	0.376%
54	21.511	3171	3178	3183	rVB	15389468	21569308	9.23%	1.507%
55	21.722	3209	3214	3220	rBV	3214978	4529631	1.94%	0.316%
56	21.851	3228	3236	3241	rVB	27314185	47500164	20.33%	3.319%
57	21.898	3241	3244	3247	rVV	1513655	2343424	1.00%	0.164%
58	21.928	3247	3249	3262	rVB	1780543	2655428	1.14%	0.186%
59	22.727	3377	3385	3394	rVB	13966360	24002754	10.27%	1.677%
60	24.378	3658	3666	3679	rVB	5665779	13932535	5.96%	0.973%
61	24.983	3760	3769	3779	rVB2	2882334	7941255	3.40%	0.555%
62	25.353	3824	3832	3844	rVB2	867482	2705238	1.16%	0.189%
63	27.457	4181	4190	4206	rVB4	774957	3055281	1.31%	0.213%

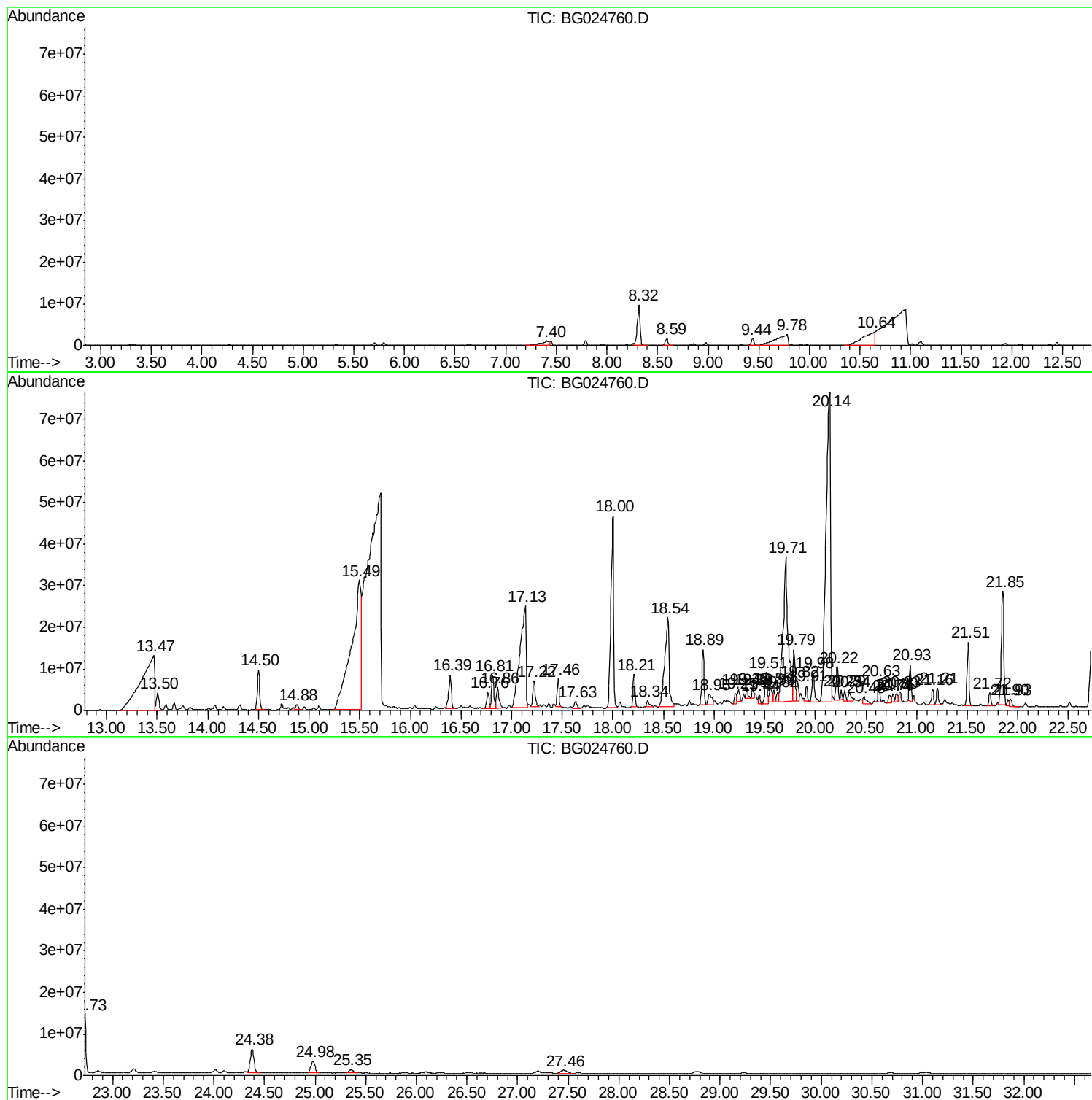
Sum of corrected areas: 1431210075

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

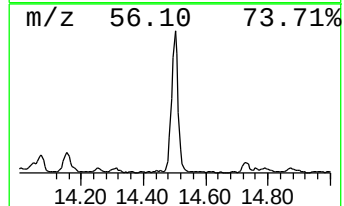
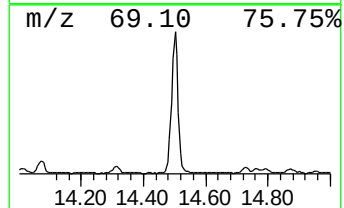
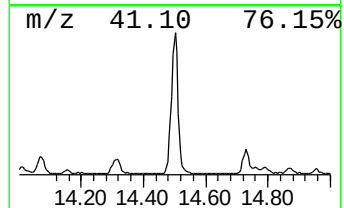
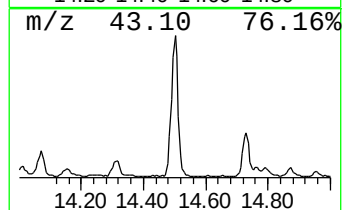
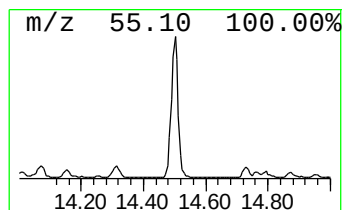
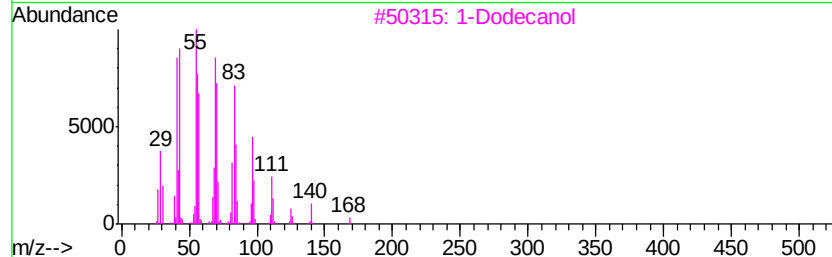
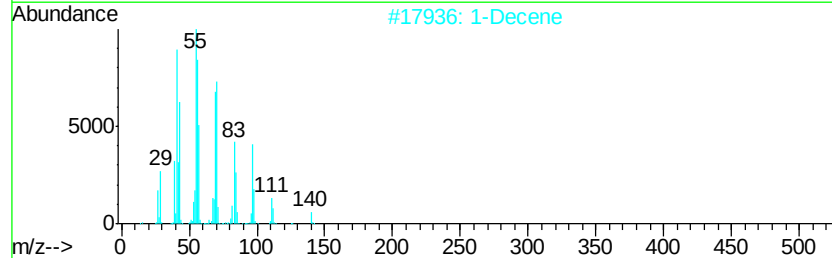
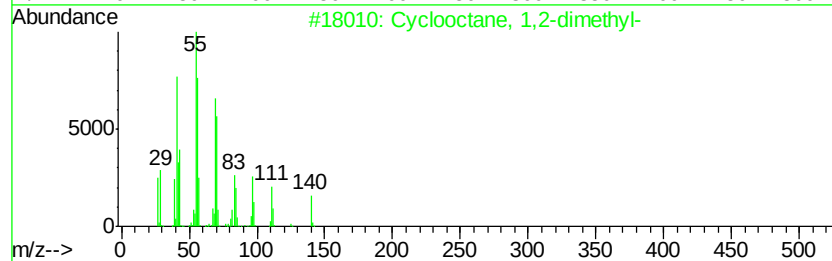
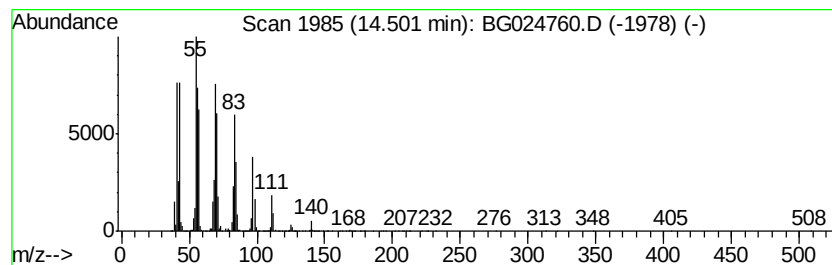
Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclooctane, 1,2-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.50	114.59 ng	14059400	Acenaphthene-d10		14.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclooctane, 1,2-dimethyl-	140	C10H20	013151-94-5	93
2		1-Decene	140	C10H20	000872-05-9	93
3		1-Dodecanol	186	C12H26O	000112-53-8	91
4		2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	91
5		3-Chloropropionic acid, dodecyl ...	276	C15H29ClO2	074316-16-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

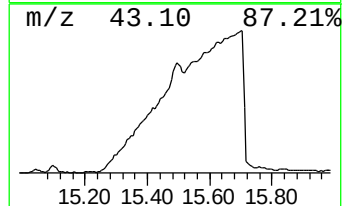
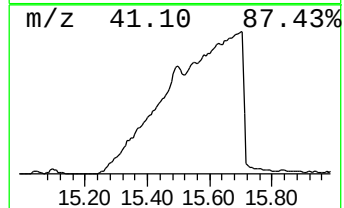
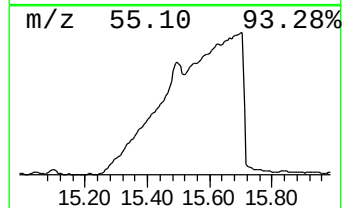
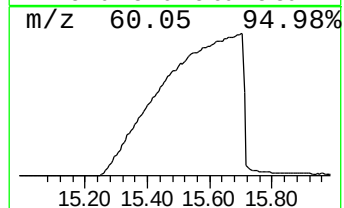
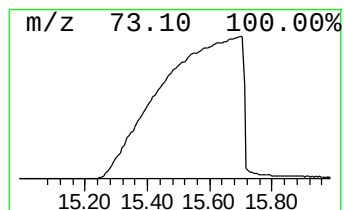
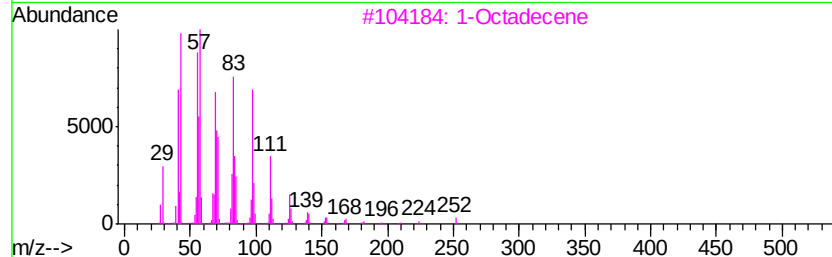
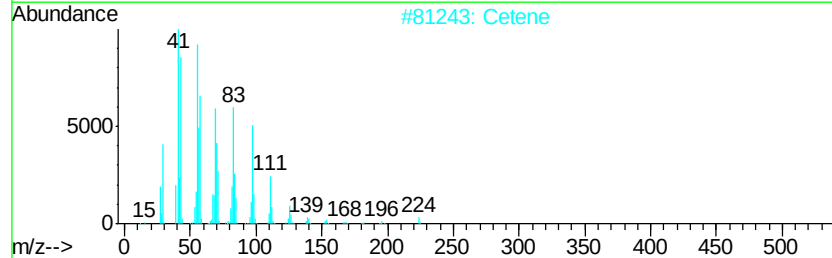
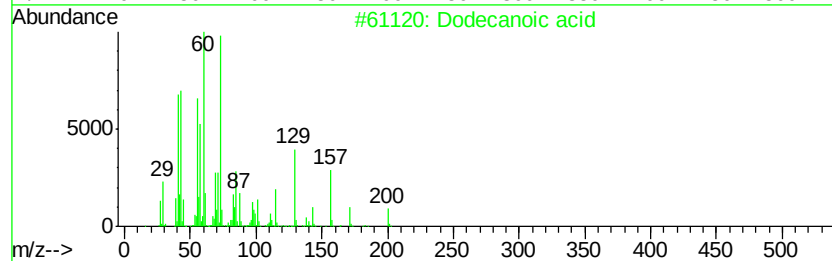
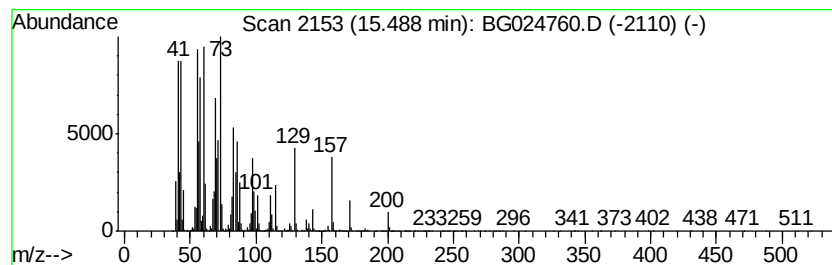
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Dodecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	1740.65 ng	213558000	Acenaphthene-d10	14.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	92	
2	Cetene	224	C16H32	000629-73-2	62	
3	1-Octadecene	252	C18H36	000112-88-9	58	
4	Dodecyl isobutyl carbonate	286	C17H34O3	959067-22-2	38	
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	38	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

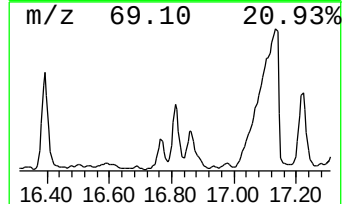
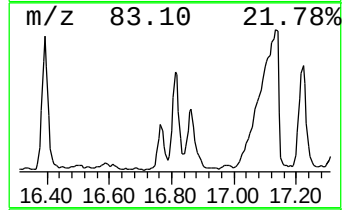
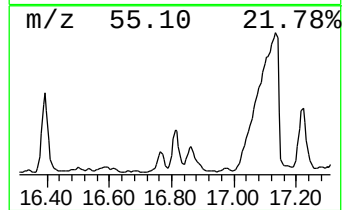
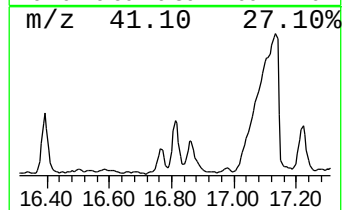
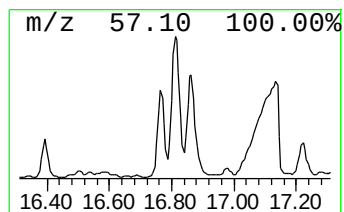
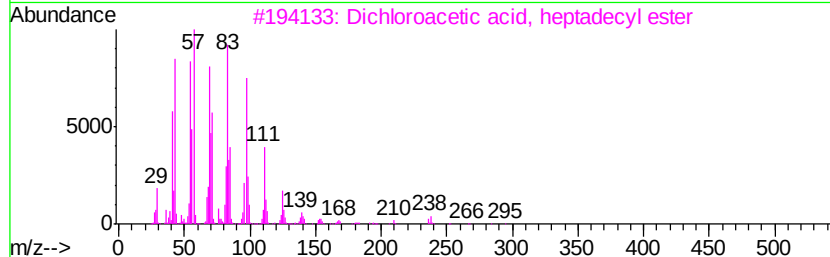
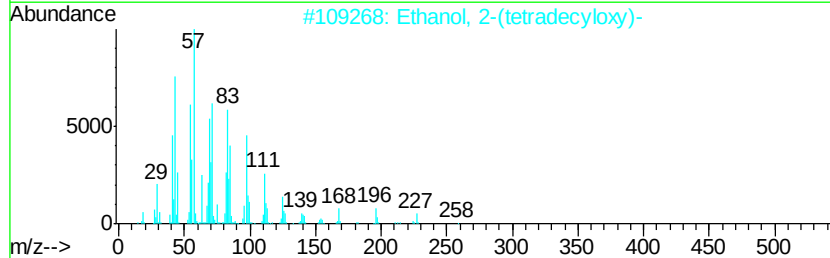
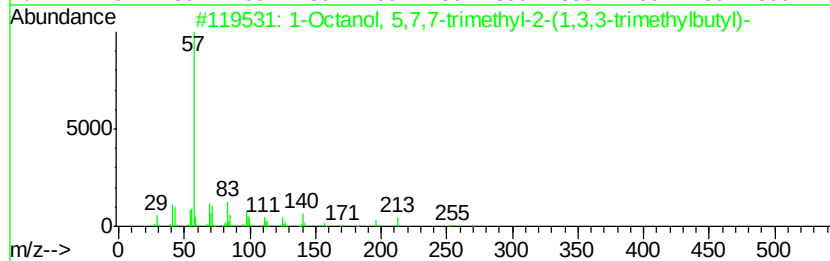
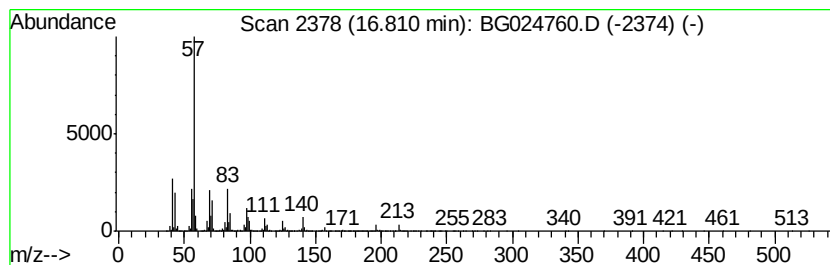
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 1-Octanol, 5,7,7-trimethyl-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	92.35 ng	13201700	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	80
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	49
3		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	47
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	47
5		2,2-Dimethyl-3-pentanol, chlorod...	228	C9H15ClF2O2	1000376-26-4	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

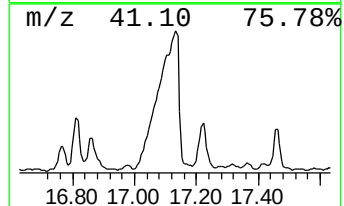
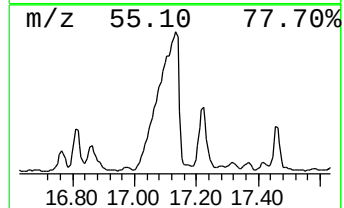
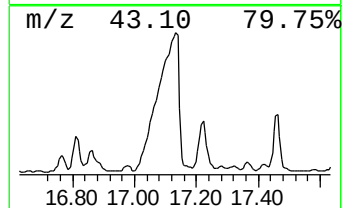
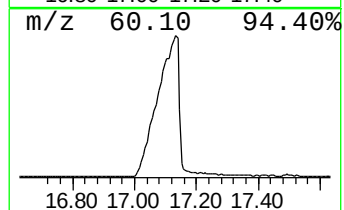
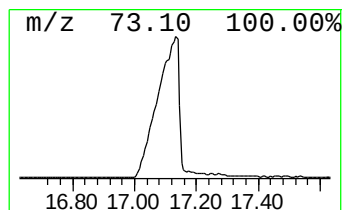
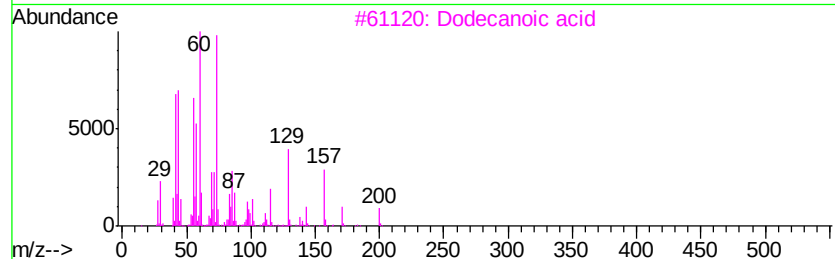
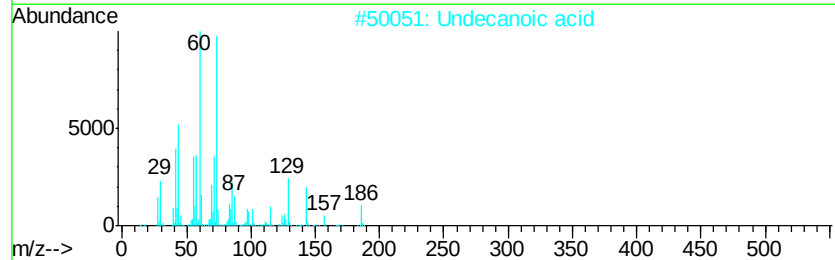
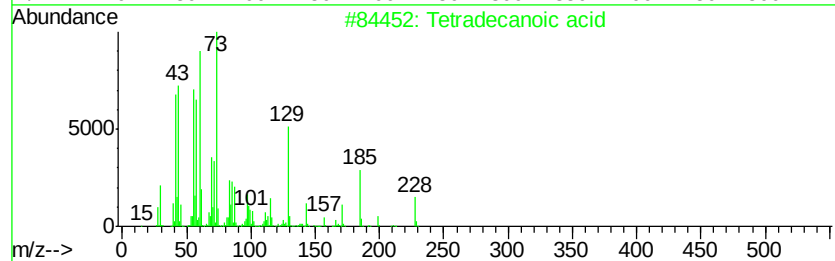
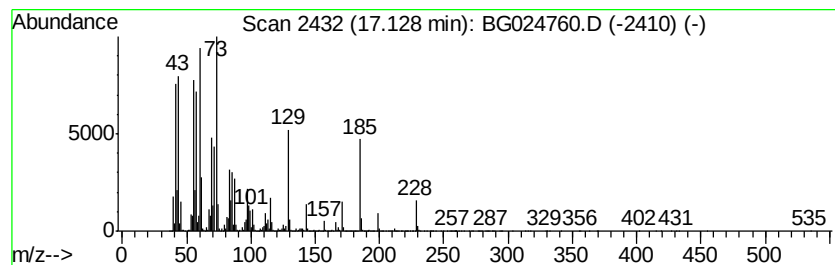
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	729.82 ng	104334000	Phenanthrene-d10	17.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	99
2		Undecanoic acid	186	C11H22O2	000112-37-8	58
3		Dodecanoic acid	200	C12H24O2	000143-07-7	47
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	25
5		Butanoic acid	88	C4H8O2	000107-92-6	22



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

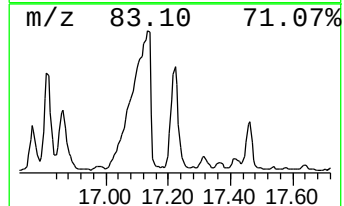
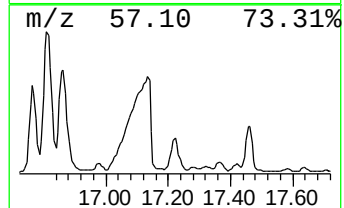
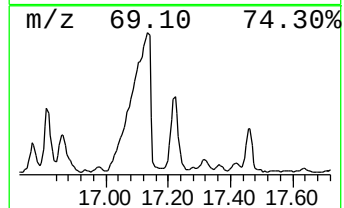
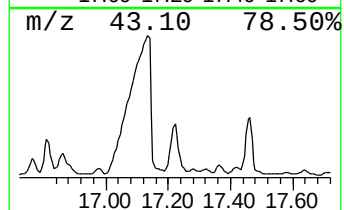
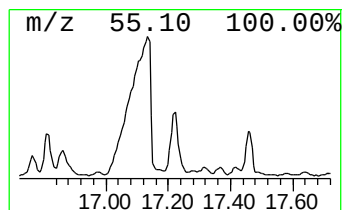
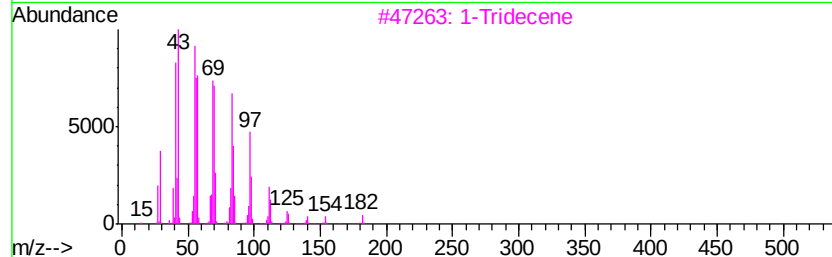
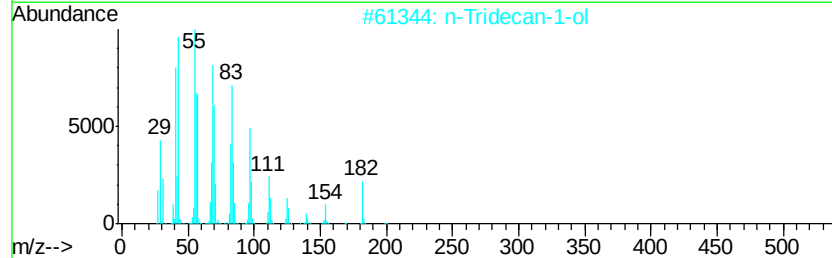
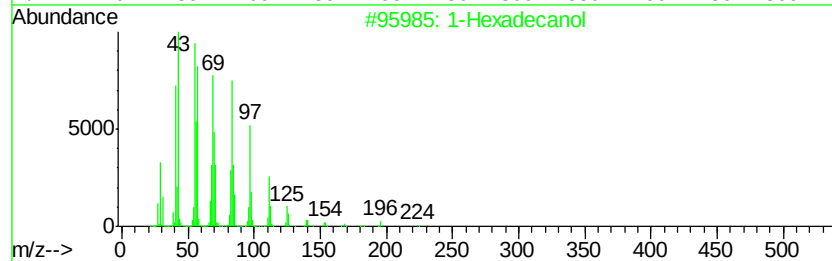
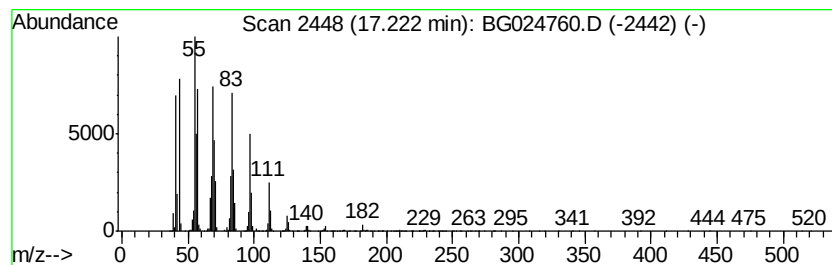
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Hexadecanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	74.31 ng	10623400	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	94
2		n-Tridecan-1-ol	200	C13H28O	000112-70-9	93
3		1-Tridecene	182	C13H26	002437-56-1	92
4		1-Tetradecanol	214	C14H30O	000112-72-1	91
5		n-Pentadecanol	228	C15H32O	000629-76-5	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

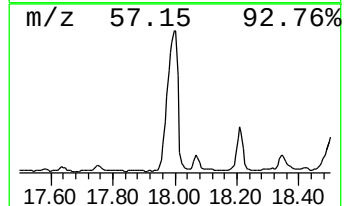
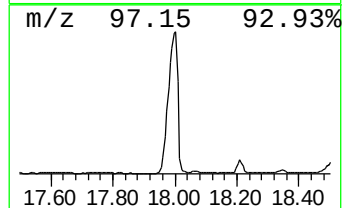
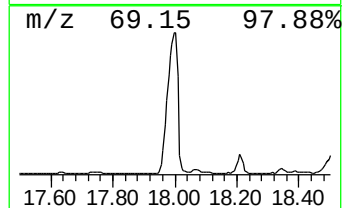
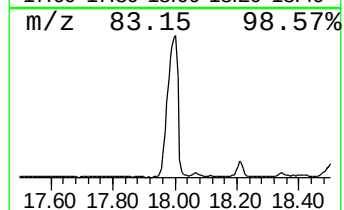
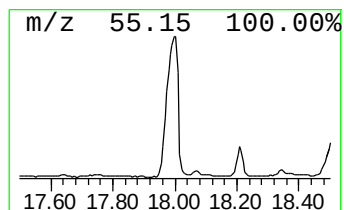
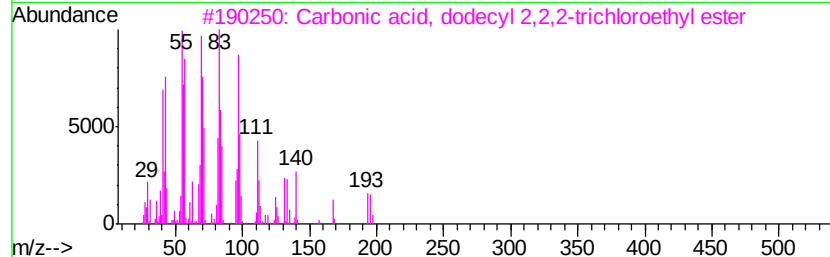
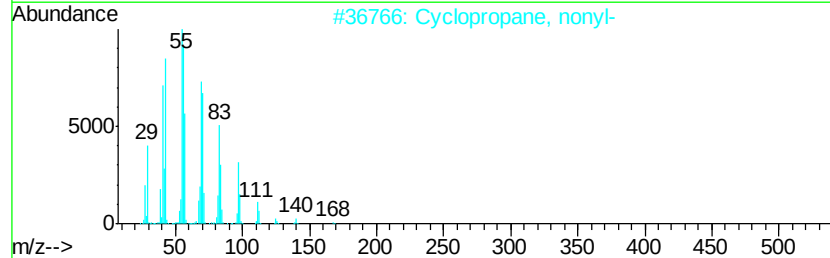
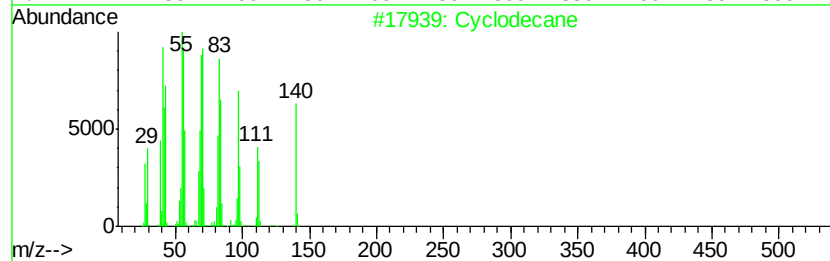
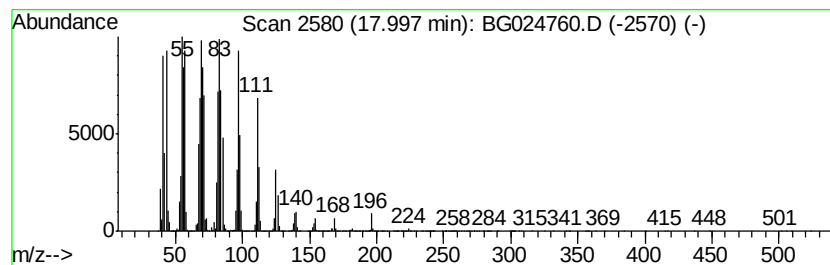
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	639.04 ng	91356600	Phenanthrene-d10	17.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclodecane	140	C10H20	000293-96-9	94
2		Cyclopropane, nonyl-	168	C12H24	074663-85-7	93
3		Carbonic acid, dodecyl 2,2,2-tri...	360	C15H27Cl3O3	1000314-55-8	91
4		Formic acid, dec-2-yl ester	186	C11H22O2	1000367-89-5	91
5		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

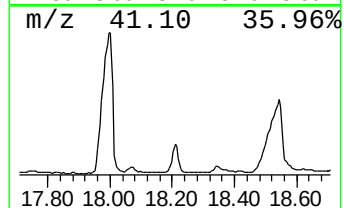
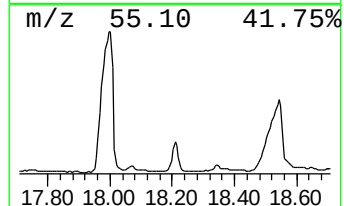
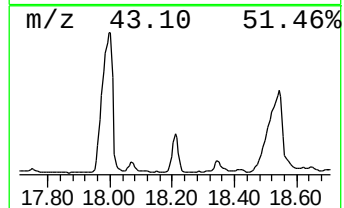
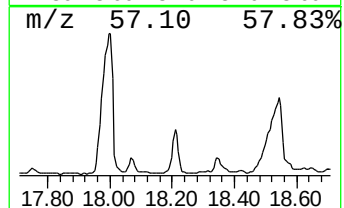
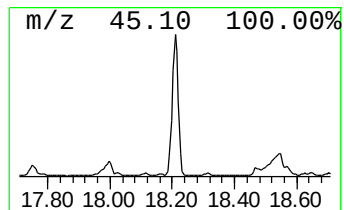
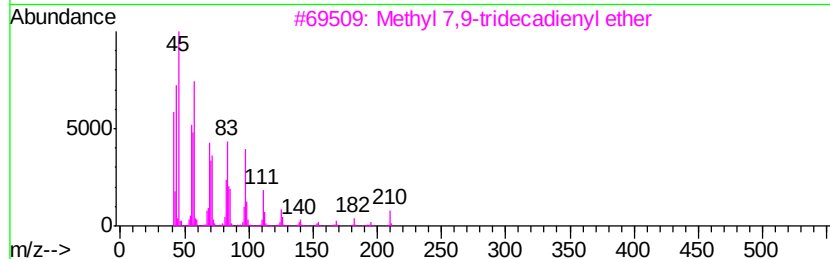
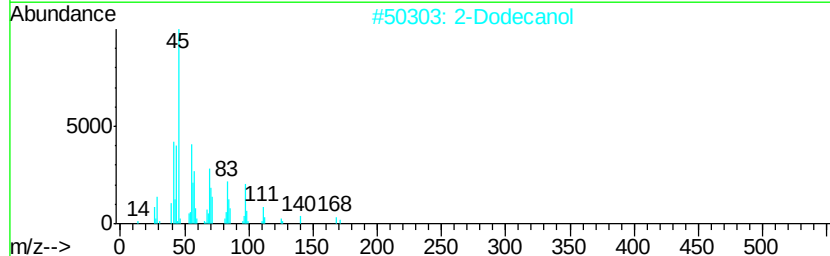
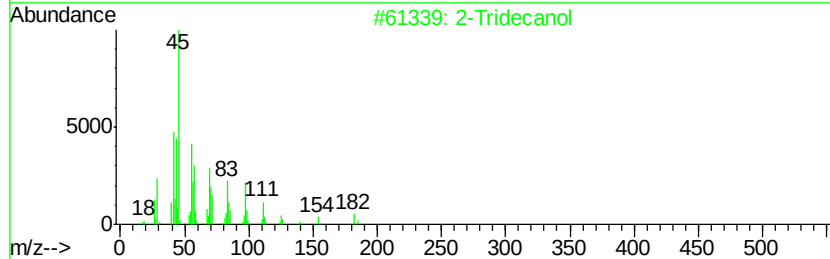
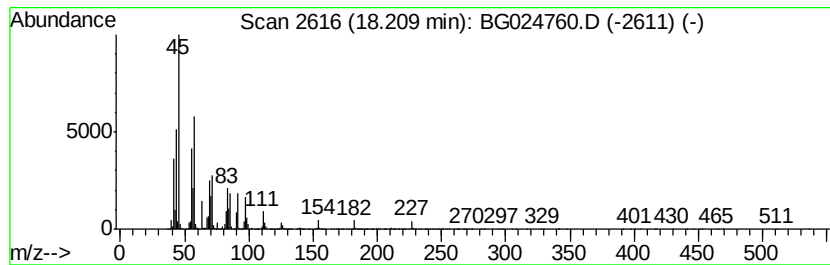
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 2-Tridecanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	72.65 ng	10385600	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Tridecanol	200	C13H28O	001653-31-2	90
2		2-Dodecanol	186	C12H26O	010203-28-8	80
3		Methyl 7,9-tridecadienyl ether	210	C14H26O	1000131-00-0	52
4		Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	43
5		Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

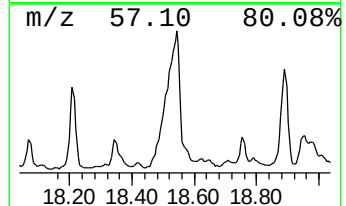
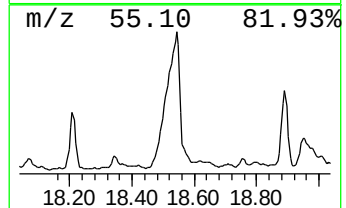
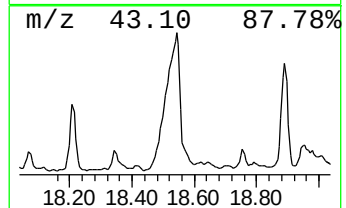
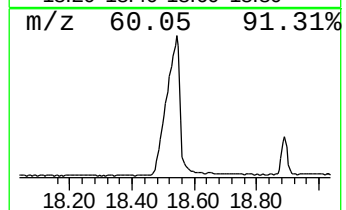
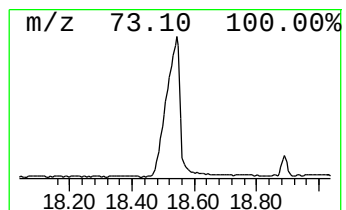
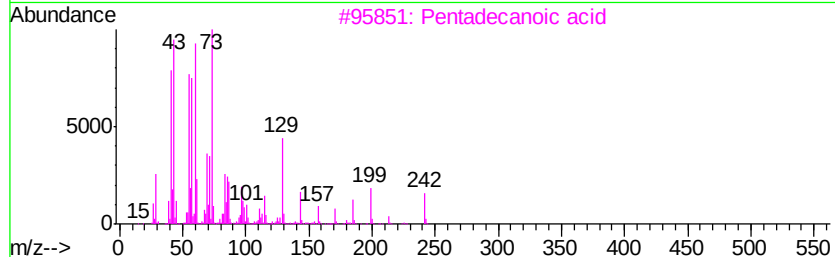
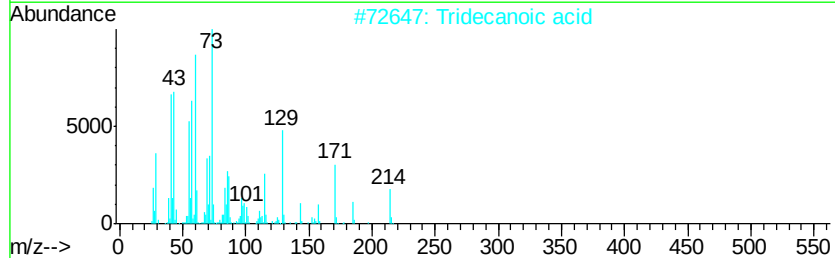
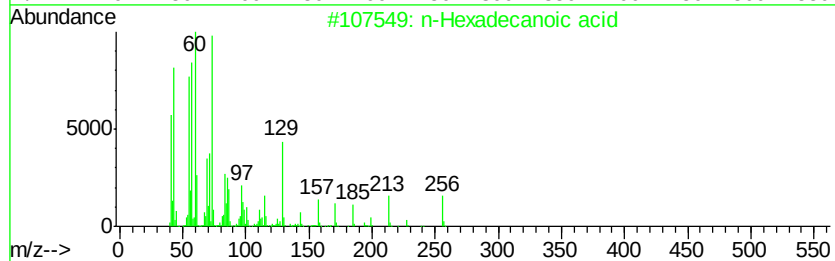
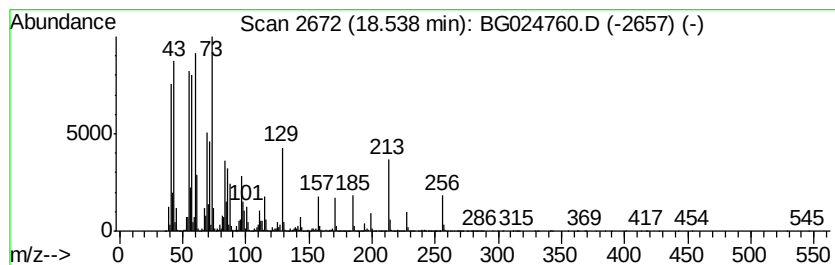
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	453.40 ng	64817400	Phenanthrene-d10	17.63

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	93	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74	
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62	
5	Undecanoic acid	186	C11H22O2	000112-37-8	59	



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

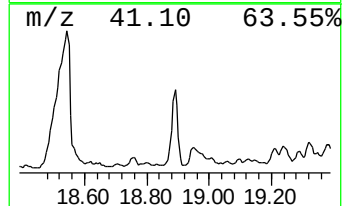
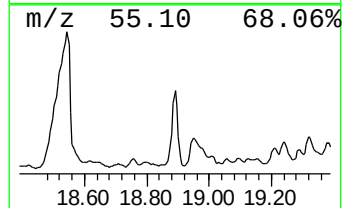
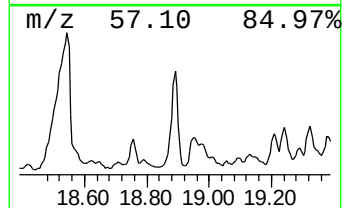
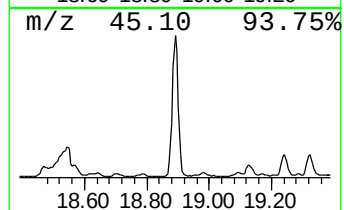
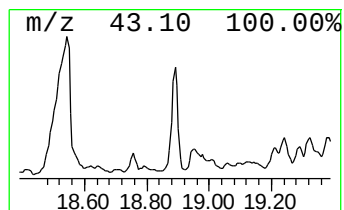
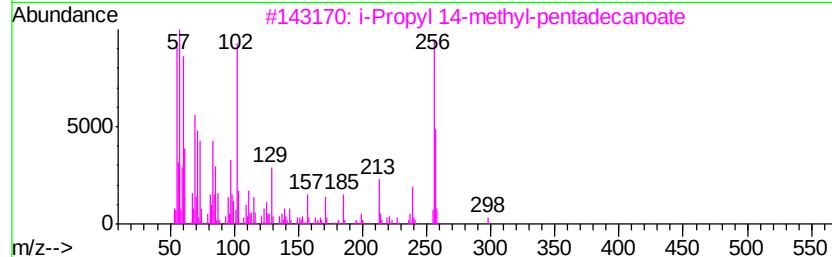
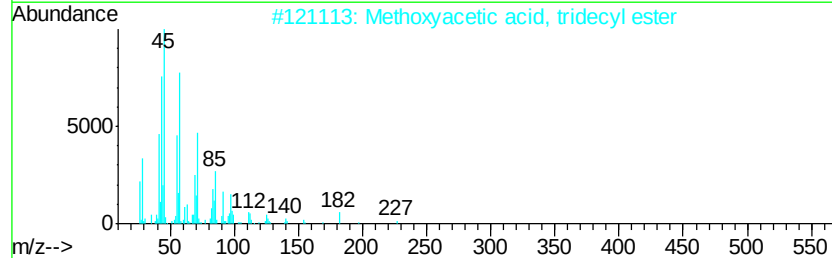
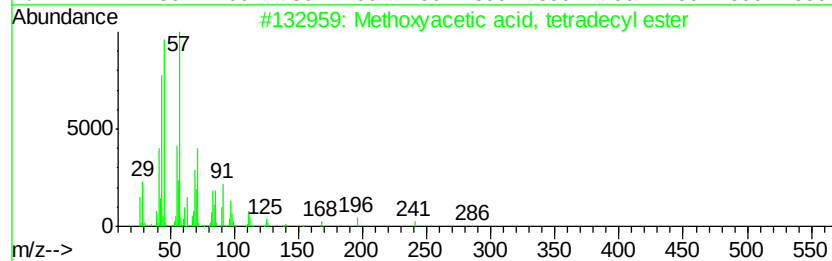
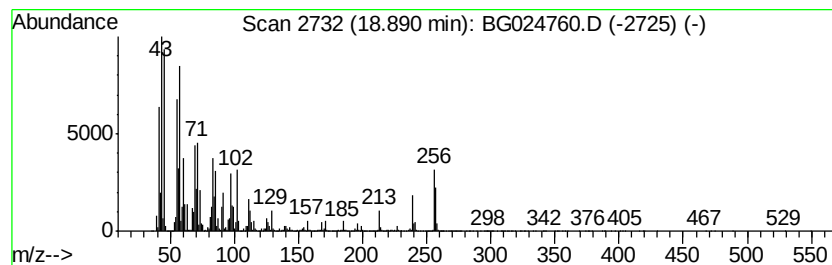
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown18.89 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	128.17 ng	18322400	Phenanthrene-d10	17.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxyacetic acid, tetradecyl e...	286	C17H34O3	1000281-82-1	43
2		Methoxyacetic acid, tridecyl ester	272	C16H32O3	1000281-82-0	43
3		i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	43
4		Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	43
5		2-Tetradecanol	214	C14H30O	004706-81-4	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

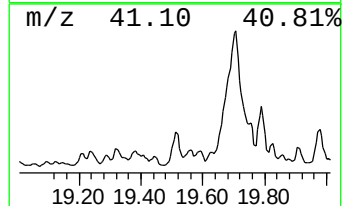
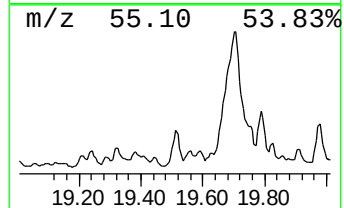
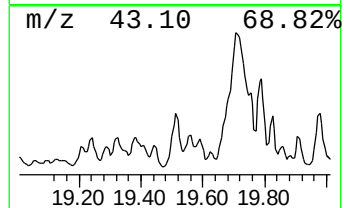
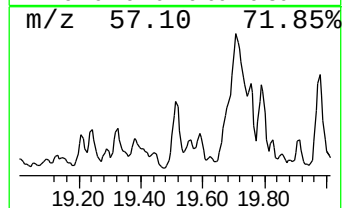
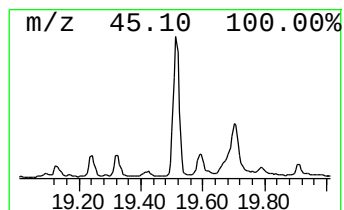
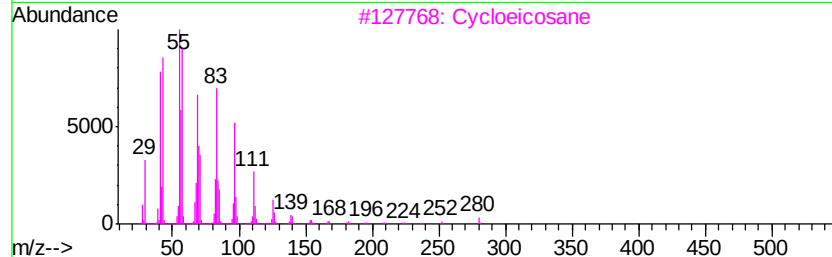
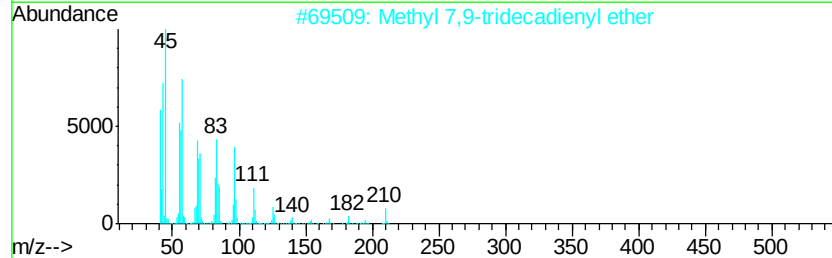
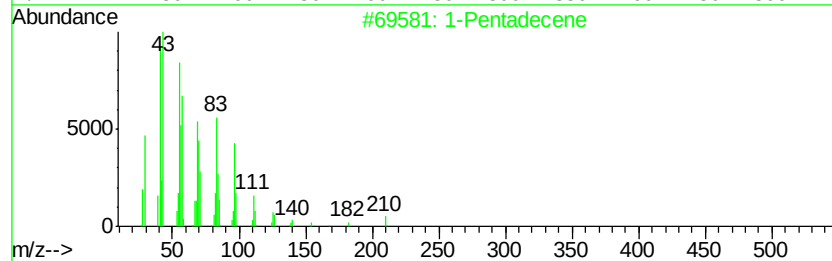
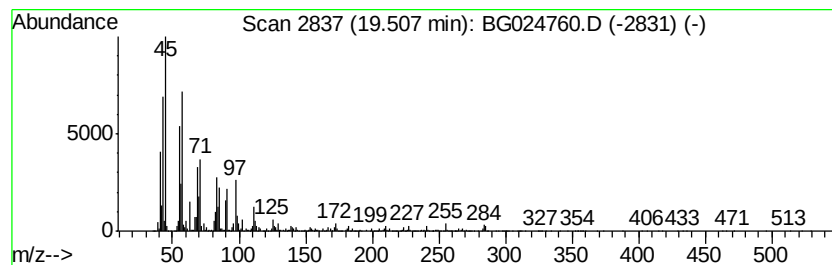
Instrument :
BNA_G
ClientSampleId :
EFF-WW

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1-Pentadecene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	87.80 ng	12551900	Phenanthrene-d10	17.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Pentadecene		210 C15H30	013360-61-7 94
2	Methyl 7,9-tridecadienyl ether		210 C14H26O	1000131-00-0 93
3	Cycloeicosane		280 C20H40	000296-56-0 89
4	1-Eicosene		280 C20H40	003452-07-1 86
5	Cetene		224 C16H32	000629-73-2 84



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

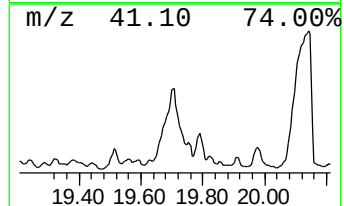
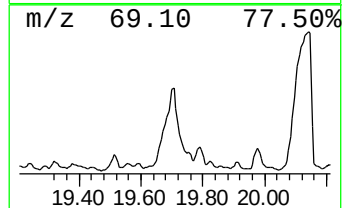
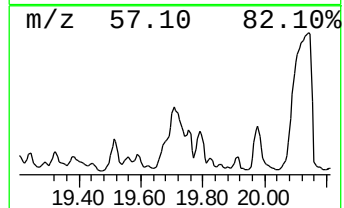
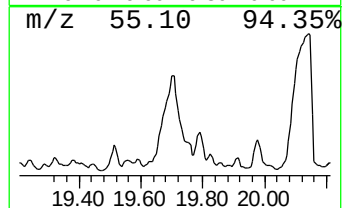
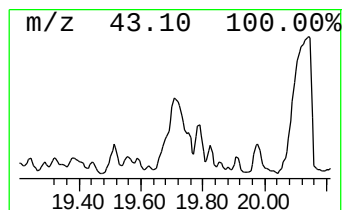
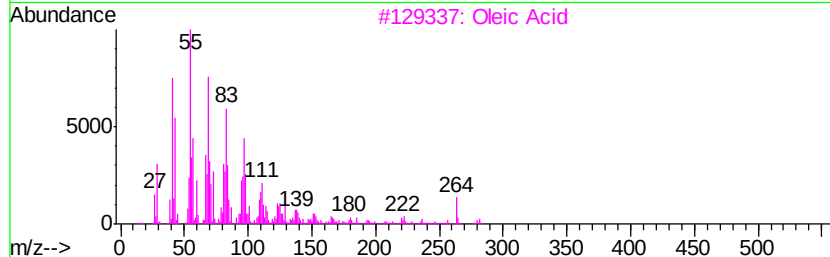
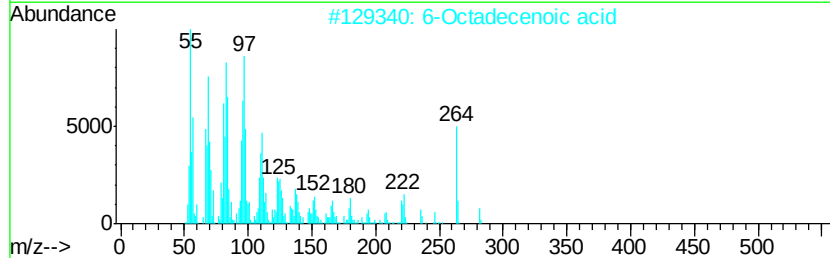
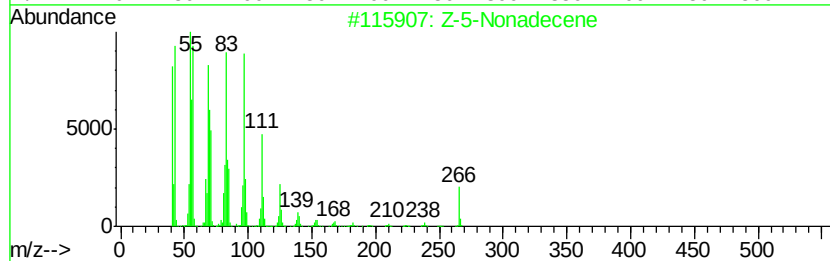
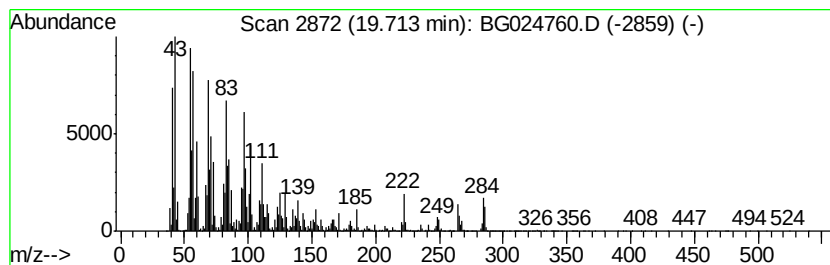
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Z-5-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.71	820.72 ng	117328000	Phenanthrene-d10	17.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Z-5-Nonadecene	266	C19H38	1000131-11-8	96
2		6-Octadecenoic acid	282	C18H34O2	1000336-66-8	96
3		Oleic Acid	282	C18H34O2	000112-80-1	94
4		Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	93
5		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

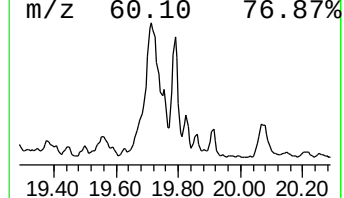
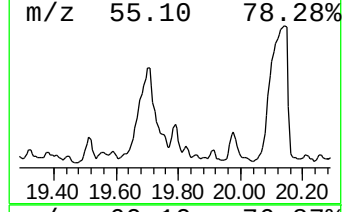
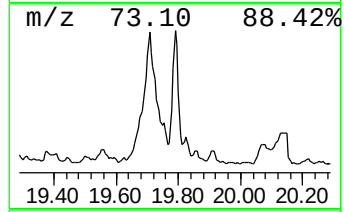
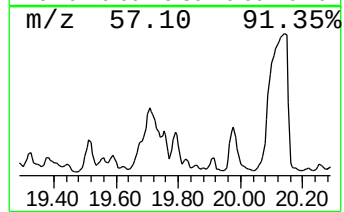
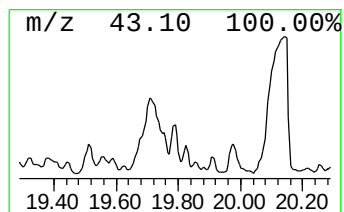
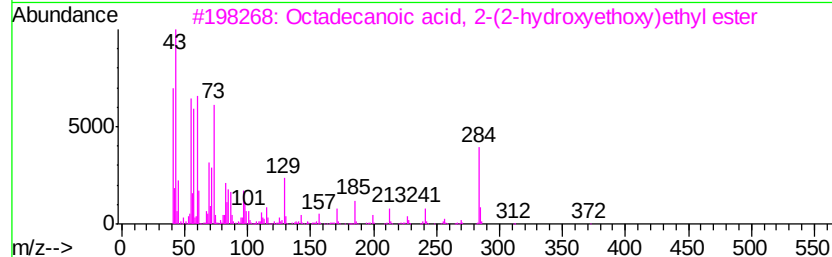
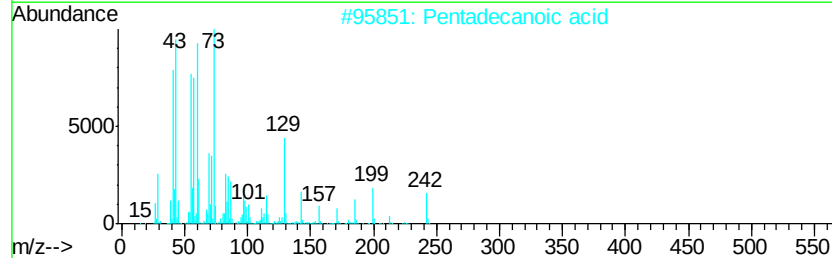
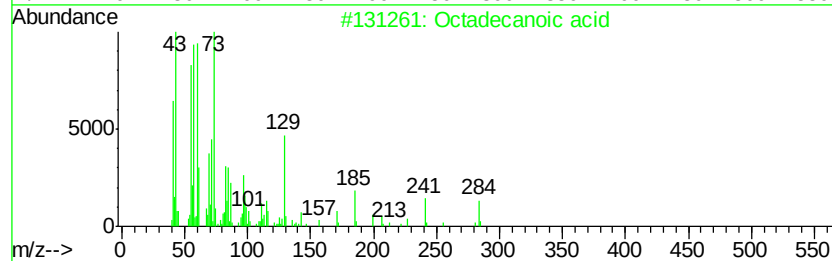
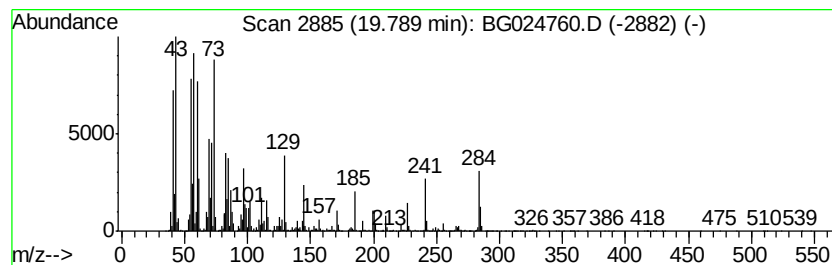
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	141.66 ng	18808400	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
3		Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
4		Dodecanoic acid	200	C12H24O2	000143-07-7	55
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	53



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

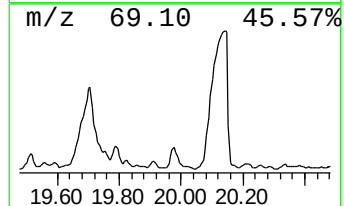
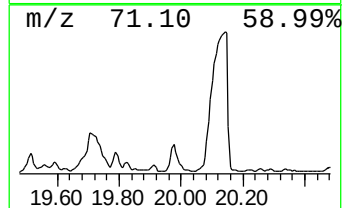
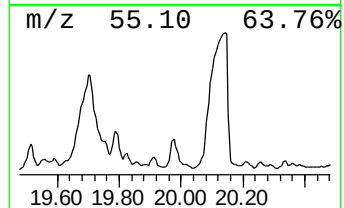
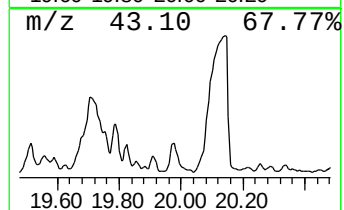
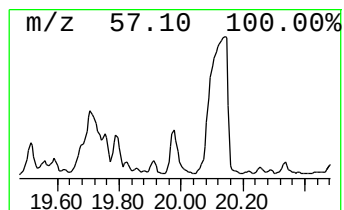
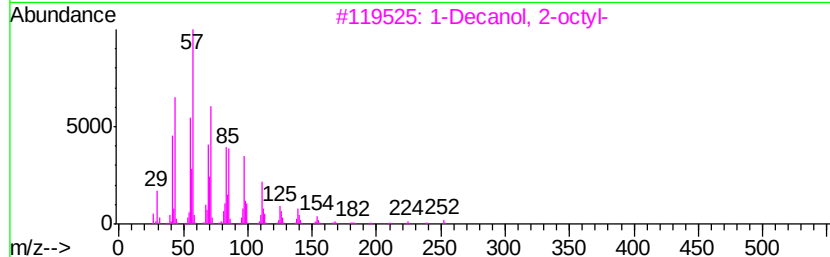
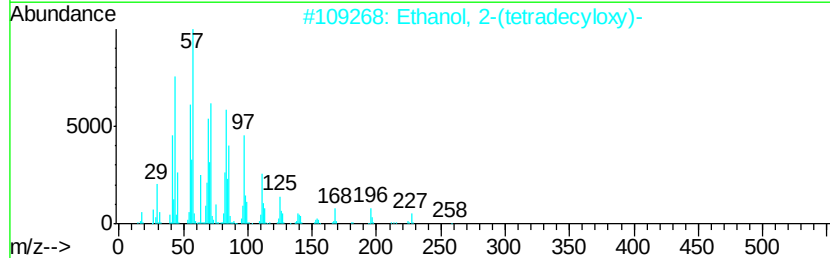
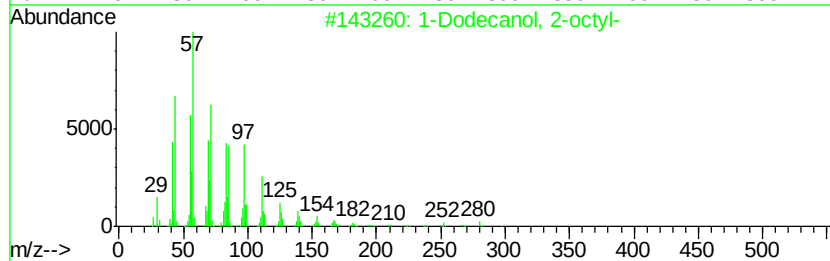
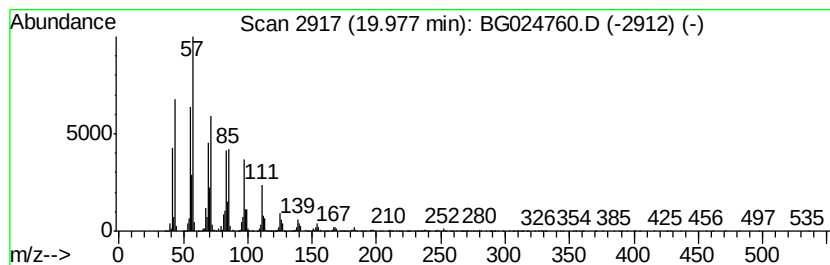
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1-Dodecanol, 2-octyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	90.44 ng	12008000	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	94
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	93
3		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
4		1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

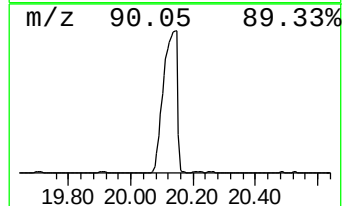
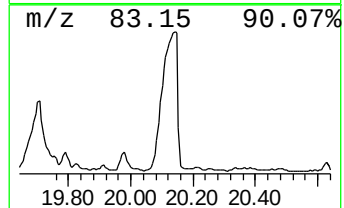
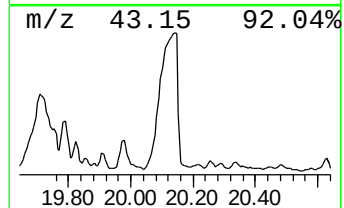
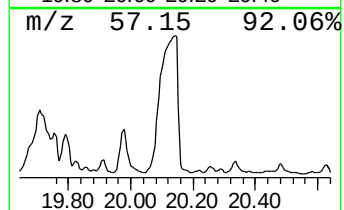
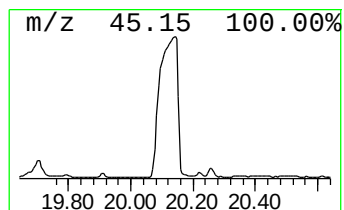
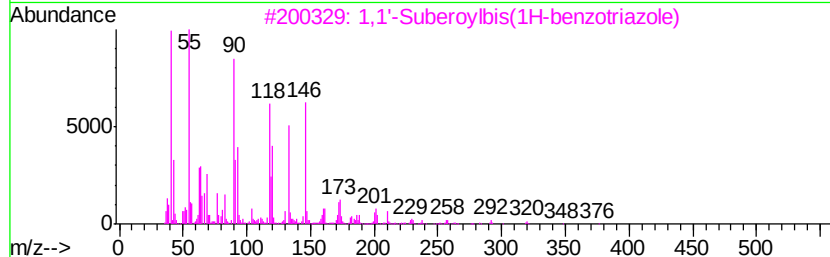
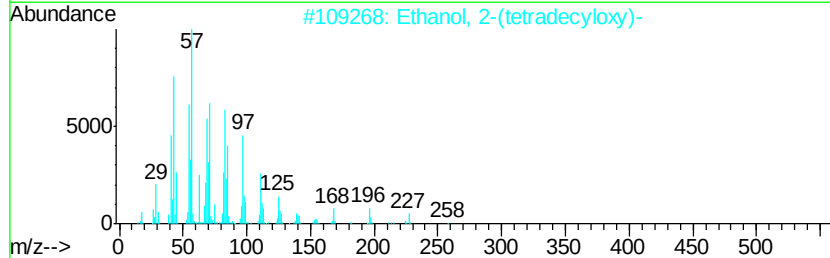
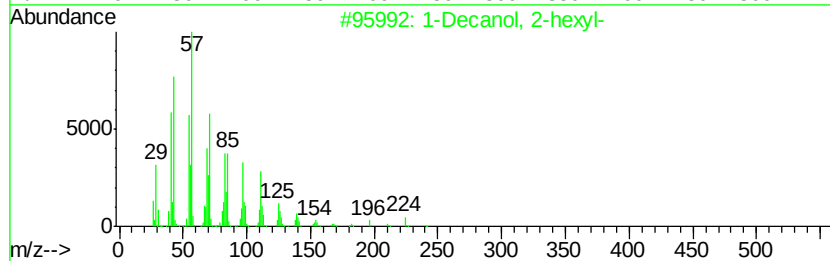
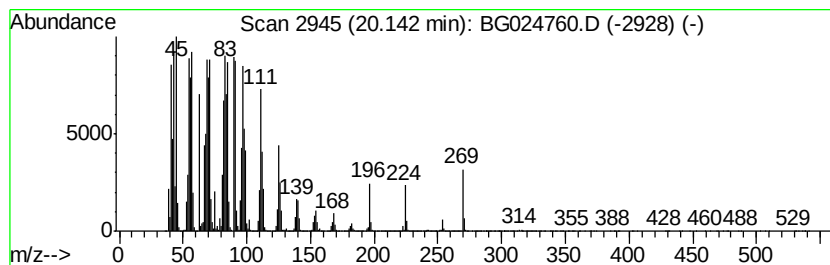
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown20.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.14	1759.83 ng	233656000	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	38
2		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	35
3		1,1'-Suberoylbis(1H-benzotriazole)	376	C20H20N6O2	111967-69-2	27
4		Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	25
5		1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	25



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

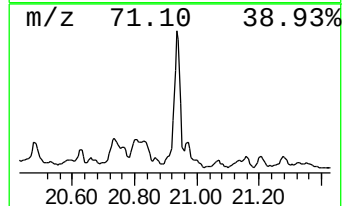
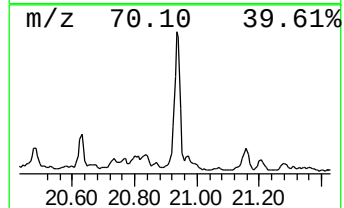
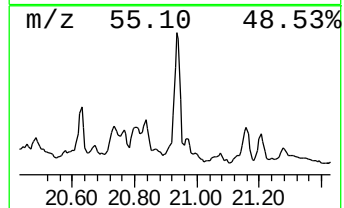
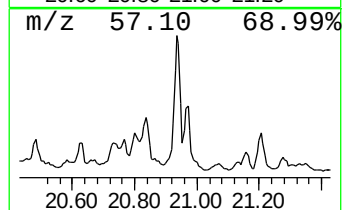
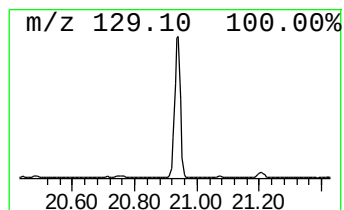
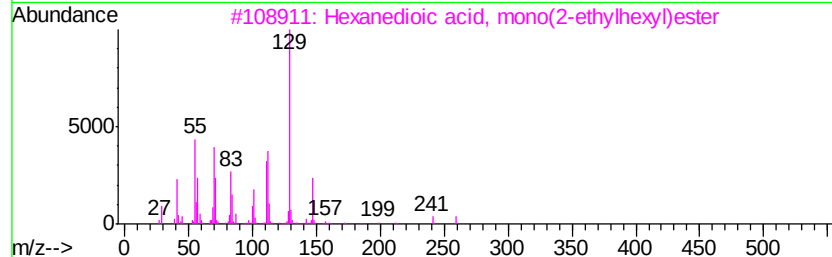
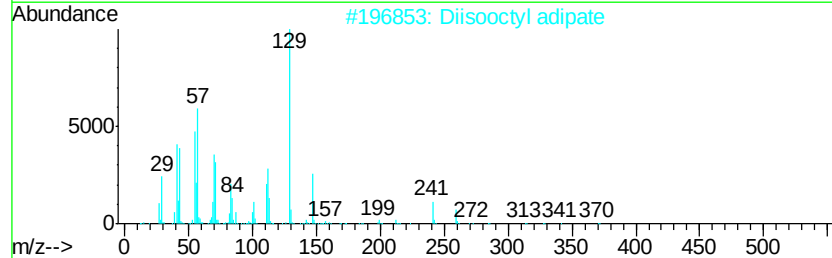
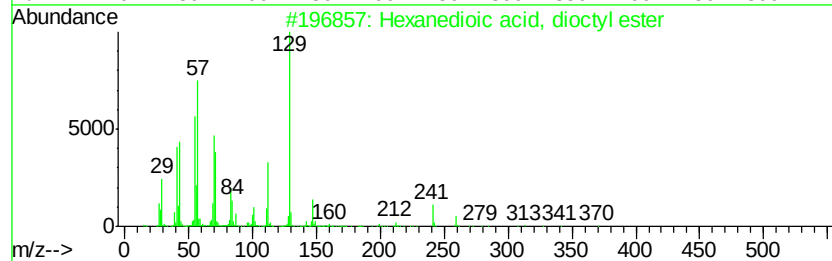
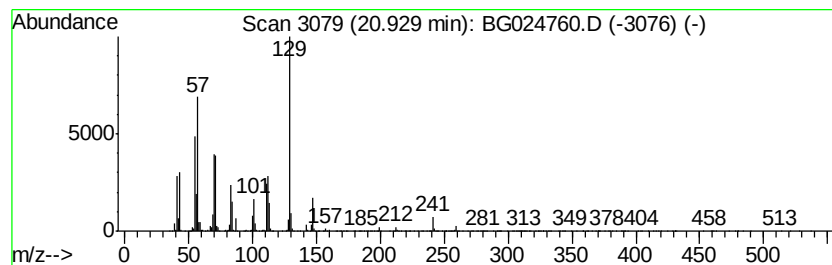
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexanedioic acid, dioctyl e... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	81.37 ng	10804000	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	96
2		Diisooctyl adipate	370	C22H42O4	001330-86-5	95
3		Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	91
4		Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
5		Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	47



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

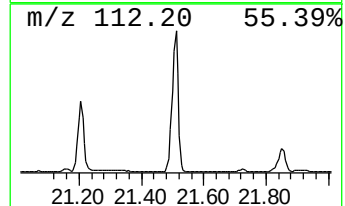
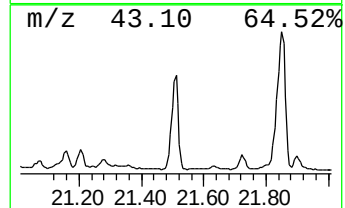
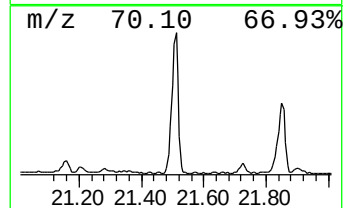
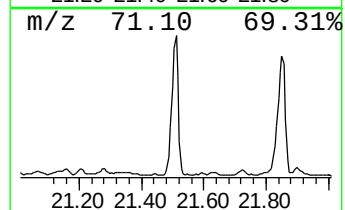
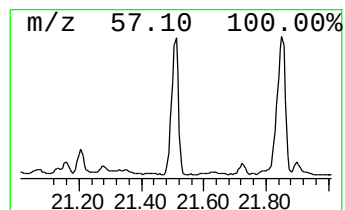
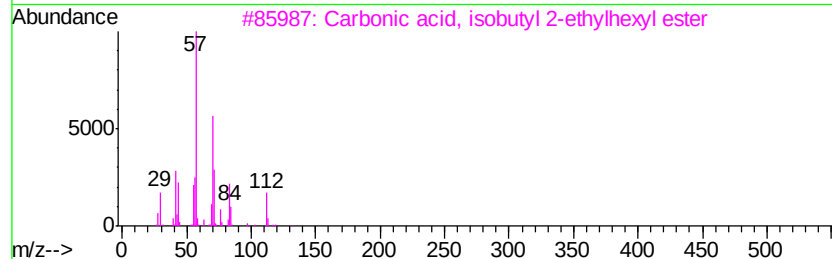
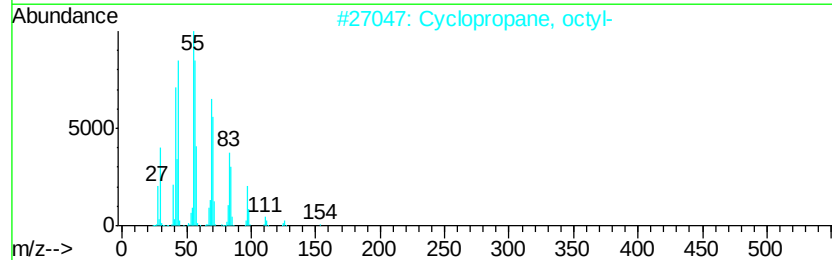
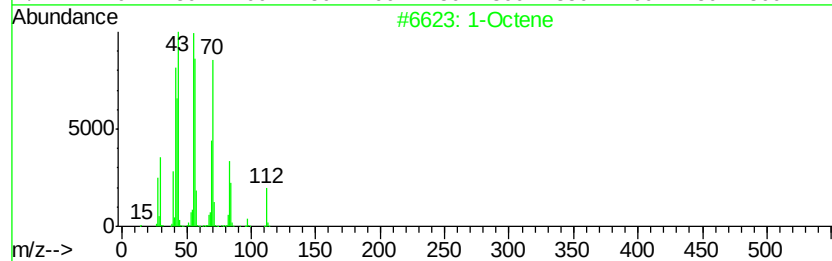
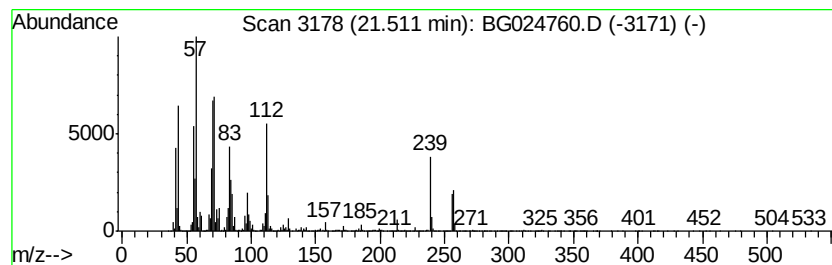
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown21.51 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	162.45 ng	21569300	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octene	112	C8H16	000111-66-0	43
2		Cyclopropane, octyl-	154	C11H22	001472-09-9	38
3		Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	38
4		Cyclohexanone, 4-methyl-	112	C7H12O	000589-92-4	27
5		Octane, 4-chloro-	148	C8H17Cl	000999-07-5	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

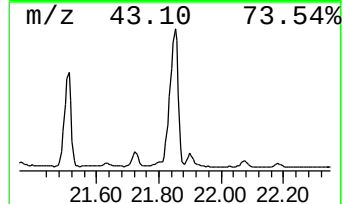
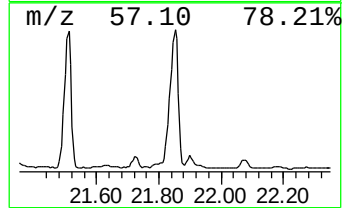
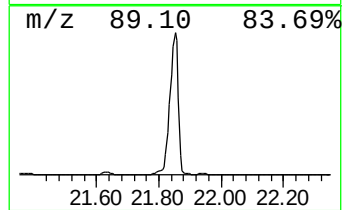
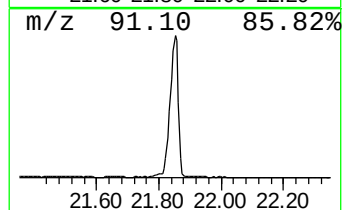
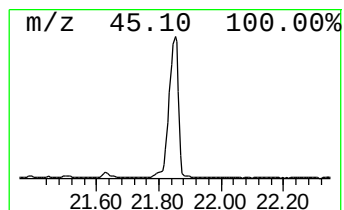
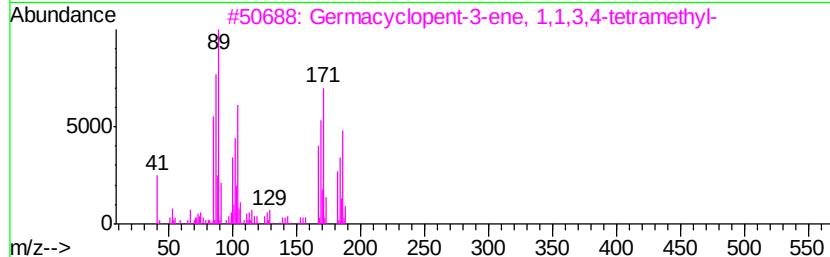
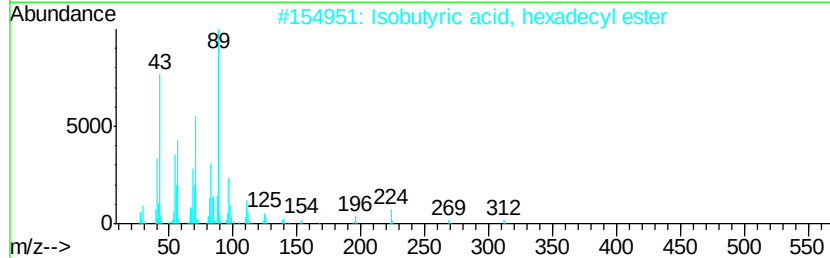
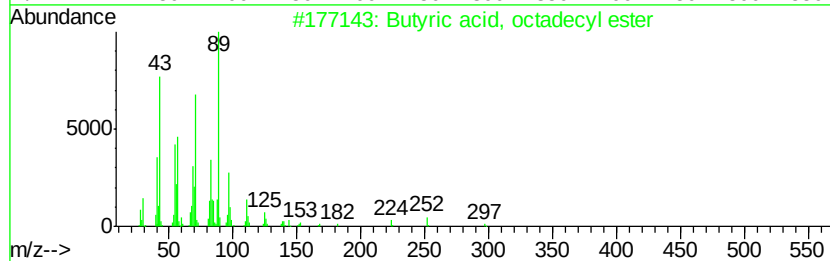
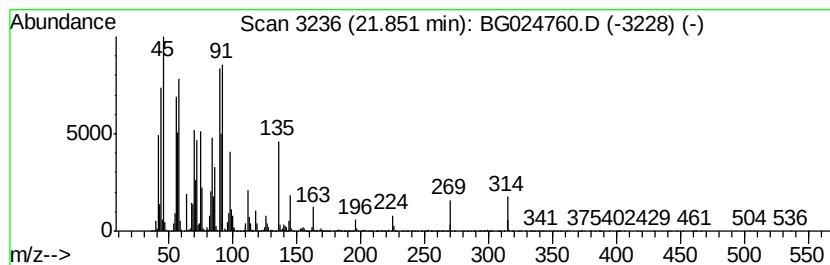
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown21.85 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	357.76 ng	47500200	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butyric acid, octadecyl ester	340	C22H44O2	013373-83-6	47
2		Isobutyric acid, hexadecyl ester	312	C20H40O2	025553-23-5	47
3		Germacyclopent-3-ene, 1,1,3,4-tetra-	186	C8H16Ge	005764-66-9	43
4		Isobutyric acid, tetradecyl ester	284	C18H36O2	167871-30-9	43
5		Propanoic acid, 2-methyl-, decyl-	228	C14H28O2	005454-22-8	43



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

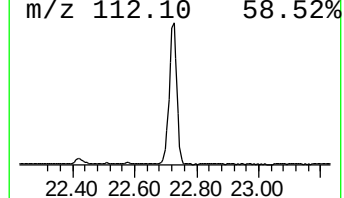
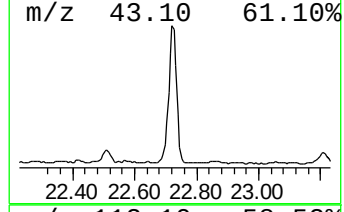
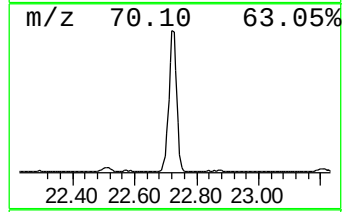
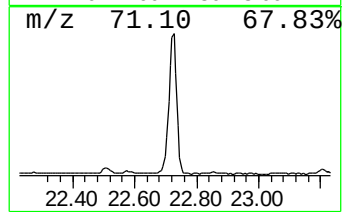
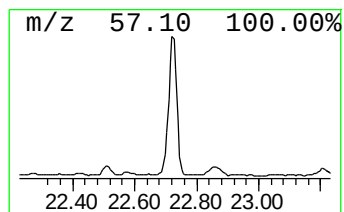
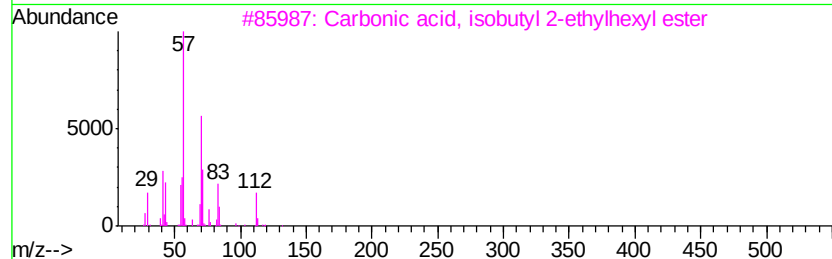
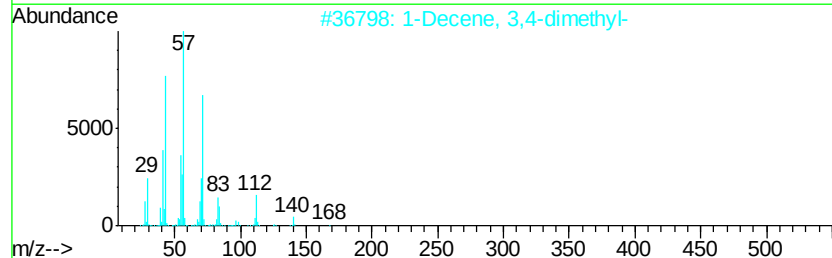
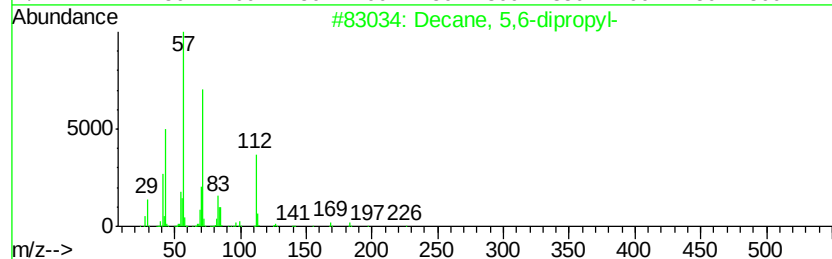
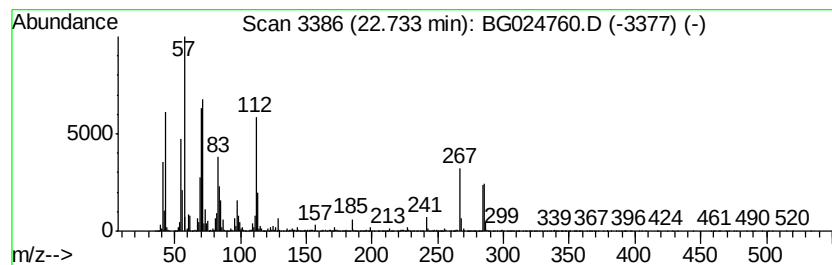
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown22.73 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	180.78 ng	24002800	Chrysene-d12	21.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	43
2		1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	43
3		Carbonic acid, isobutyl 2-ethylhexyl...	230	C13H26O3	1000357-82-9	38
4		Sulfurous acid, 2-ethylhexyl hexyl...	418	C24H50O3S	1000309-19-9	35
5		Octane, 2-chloro-	148	C8H17Cl	000628-61-5	27



Data Path : Z:\HPCHEM1\BNA G\DATA\BG110716\
Data File : BG024760.D
Acq On : 8 Nov 2016 15:26
Operator : UM/SJ
Sample : H5558-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WW

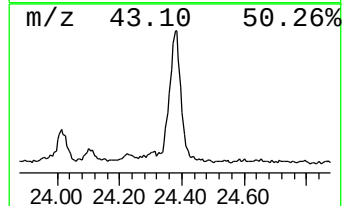
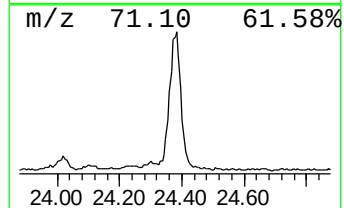
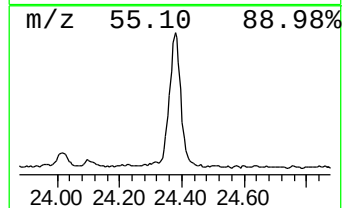
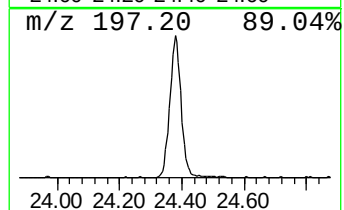
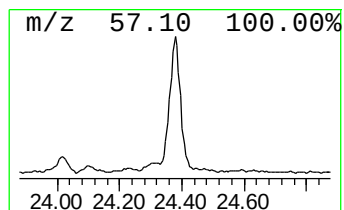
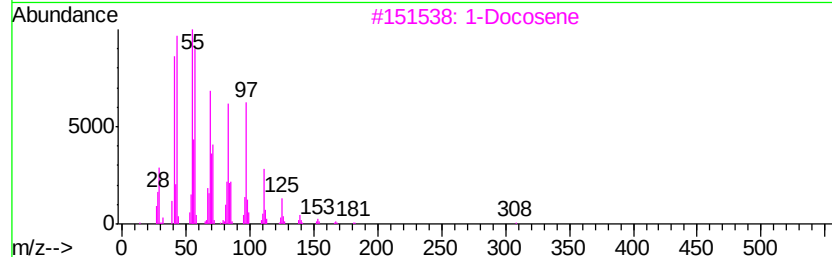
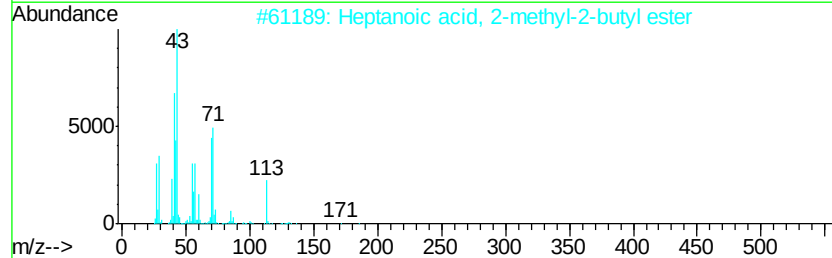
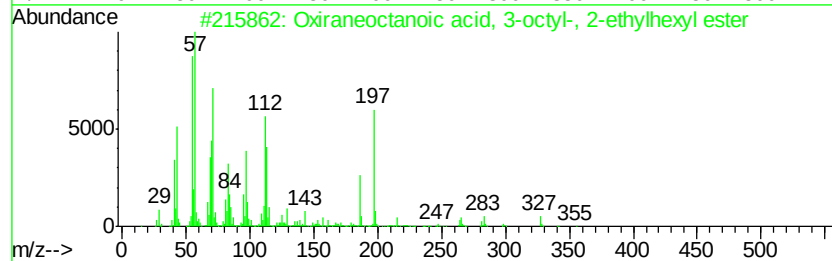
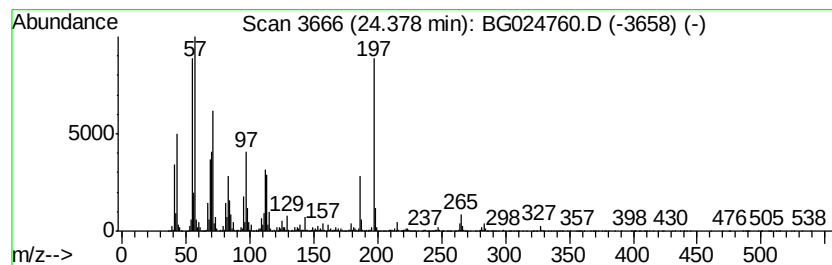
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown24.38 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.38	103.00 ng	13932500	Perylene-d12	25.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	43
2		Heptanoic acid, 2-methyl-2-butyl...	200	C12H24O2	1000160-11-4	22
3		1-Docosene	308	C22H44	001599-67-3	22
4		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	15
5		Stannane, diethyl-, n-butyl-, ph...	312	C14H24Sn	1000334-52-7	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110716\
 Data File : BG024760.D
 Acq On : 8 Nov 2016 15:26
 Operator : UM/SJ
 Sample : H5558-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-WW

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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
Cyclooctane, 1,2-...	14.50	114.6	ng	14059400	3	14.88	2453780	20.0
Dodecanoic acid	15.49	1740.7	ng	213558000	3	14.88	2453780	20.0
1-Octanol, 5,7,7-...	16.81	92.3	ng	13201700	4	17.63	2859170	20.0
Tetradecanoic acid	17.13	729.8	ng	104334000	4	17.63	2859170	20.0
1-Hexadecanol	17.22	74.3	ng	10623400	4	17.63	2859170	20.0
Cyclodecane	18.00	639.0	ng	91356600	4	17.63	2859170	20.0
2-Tridecanol	18.21	72.7	ng	10385600	4	17.63	2859170	20.0
n-Hexadecanoic acid	18.54	453.4	ng	64817400	4	17.63	2859170	20.0
unknown18.89	18.89	128.2	ng	18322400	4	17.63	2859170	20.0
1-Pentadecene	19.51	87.8	ng	12551900	4	17.63	2859170	20.0
Z-5-Nonadecene	19.71	820.7	ng	117328000	4	17.63	2859170	20.0
Octadecanoic acid	19.79	141.7	ng	18808400	5	21.93	2655430	20.0
1-Dodecanol, 2-oc...	19.98	90.4	ng	12008000	5	21.93	2655430	20.0
unknown20.14	20.14	1759.8	ng	233656000	5	21.93	2655430	20.0
Hexanedioic acid, ...	20.93	81.4	ng	10804000	5	21.93	2655430	20.0
unknown21.51	21.51	162.4	ng	21569300	5	21.93	2655430	20.0
unknown21.85	21.85	357.8	ng	47500200	5	21.93	2655430	20.0
unknown22.73	22.73	180.8	ng	24002800	5	21.93	2655430	20.0
unknown24.38	24.38	103.0	ng	13932500	6	25.35	2705240	20.0