

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095930.D
 Acq On : 14 Jun 2017 19:15
 Operator : SJ/MA
 Sample : I3550-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 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_F\METHODS\8270-BF060517.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	4.516	494	498	510	rBV	105330	261326	2.47%	0.400%
2	5.151	602	606	617	rBV	69965	129296	1.22%	0.198%
3	6.334	801	807	825	rBV3	48333	207431	1.96%	0.318%
4	7.110	930	939	941	rBV2	53484	130935	1.24%	0.200%
5	7.339	974	978	996	rVB	264580	430059	4.06%	0.658%
6	7.586	1004	1020	1021	rBV2	3383012	10593041	100.00%	16.219%
7	8.310	1137	1143	1155	rBV	647508	1016755	9.60%	1.557%
8	9.386	1318	1326	1338	rBV	356178	749899	7.08%	1.148%
9	10.651	1536	1541	1548	rVB2	78059	110848	1.05%	0.170%
10	11.151	1620	1626	1636	rVB	1520733	1956512	18.47%	2.996%
11	11.374	1660	1664	1668	rVB	116609	141334	1.33%	0.216%
12	11.433	1668	1674	1681	rVV	834983	1095421	10.34%	1.677%
13	11.492	1681	1684	1695	rVB	114510	176118	1.66%	0.270%
14	11.786	1728	1734	1738	rBV2	304258	378755	3.58%	0.580%
15	11.845	1741	1744	1750	rVV	196418	228751	2.16%	0.350%
16	11.904	1750	1754	1763	rVB	85304	125346	1.18%	0.192%
17	12.192	1799	1803	1806	rBV2	417582	549647	5.19%	0.842%
18	12.233	1806	1810	1814	rVB2	328274	420905	3.97%	0.644%
19	12.339	1825	1828	1843	rVB6	73628	181071	1.71%	0.277%
20	13.486	2019	2023	2036	rBV	242622	407524	3.85%	0.624%
21	13.810	2073	2078	2085	rBV	138619	194590	1.84%	0.298%
22	13.957	2099	2103	2107	rVV	578516	844315	7.97%	1.293%
23	14.004	2107	2111	2116	rVV	1207379	1879595	17.74%	2.878%
24	14.051	2116	2119	2127	rVB	720809	1014282	9.57%	1.553%
25	14.580	2205	2209	2220	rVB	349733	478053	4.51%	0.732%
26	15.221	2310	2318	2322	rBV	107146	152803	1.44%	0.234%
27	15.468	2354	2360	2367	rBV	131560	229371	2.17%	0.351%
28	15.609	2378	2384	2390	rBV3	232310	374328	3.53%	0.573%
29	15.833	2416	2422	2430	rBV	141531	250652	2.37%	0.384%
30	15.956	2438	2443	2445	rBV2	97947	126677	1.20%	0.194%
31	16.156	2475	2477	2481	rVB	114622	131225	1.24%	0.201%
32	16.292	2492	2500	2503	rBV5	165709	385966	3.64%	0.591%
33	16.321	2503	2505	2511	rVV2	209788	289817	2.74%	0.444%
34	16.380	2511	2515	2525	rVB	418347	678046	6.40%	1.038%

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35	16.451	2525	2527	2531	rVB	104900	109685	1.04%	0.168%
36	16.580	2540	2549	2555	rBV	372213	746581	7.05%	1.143%
37	16.686	2563	2567	2570	rBV	439172	692607	6.54%	1.060%
38	16.715	2570	2572	2575	rVV	383511	454965	4.29%	0.697%
39	16.745	2575	2577	2581	rVB2	228777	237437	2.24%	0.364%
40	16.898	2599	2603	2608	rBV	1370839	1688903	15.94%	2.586%
41	16.950	2608	2612	2617	rVV3	1475321	2171106	20.50%	3.324%
42	16.992	2617	2619	2622	rVB	125011	111024	1.05%	0.170%
43	17.092	2629	2636	2640	rVB2	171391	205984	1.94%	0.315%
44	17.327	2673	2676	2679	rBV	255355	346024	3.27%	0.530%
45	17.362	2679	2682	2688	rVB	606048	683881	6.46%	1.047%
46	17.439	2689	2695	2699	rBV	1127456	1291884	12.20%	1.978%
47	17.480	2699	2702	2705	rVV	117698	159343	1.50%	0.244%
48	17.521	2705	2709	2713	rVV	190190	305782	2.89%	0.468%
49	17.586	2714	2720	2723	rVV2	314219	571040	5.39%	0.874%
50	17.609	2723	2724	2733	rVV5	166695	324151	3.06%	0.496%
51	17.680	2733	2736	2741	rVB2	180096	216066	2.04%	0.331%
52	17.821	2753	2760	2767	rBV	2142718	2626453	24.79%	4.021%
53	17.903	2767	2774	2778	rBV	973469	1147113	10.83%	1.756%
54	18.027	2791	2795	2802	rVB2	131830	203967	1.93%	0.312%
55	18.245	2823	2832	2835	rBV	2832405	4113842	38.84%	6.299%
56	18.303	2838	2842	2845	rVV2	374460	510507	4.82%	0.782%
57	18.339	2845	2848	2852	rVV	997515	1083255	10.23%	1.659%
58	18.409	2856	2860	2863	rVV	174632	252134	2.38%	0.386%
59	18.503	2872	2876	2880	rBV	119179	141019	1.33%	0.216%
60	18.762	2914	2920	2924	rBV3	257664	659784	6.23%	1.010%
61	18.921	2939	2947	2950	rBV3	159598	292052	2.76%	0.447%
62	18.956	2950	2953	2958	rVV2	221833	384660	3.63%	0.589%
63	19.021	2958	2964	2970	rVV	2406086	3370007	31.81%	5.160%
64	19.080	2970	2974	2980	rVV	132718	239258	2.26%	0.366%
65	19.156	2984	2987	2991	rVV	112725	181097	1.71%	0.277%
66	19.192	2991	2993	2999	rVV3	79496	117349	1.11%	0.180%
67	19.697	3074	3079	3083	rVB	219596	268774	2.54%	0.412%
68	19.774	3083	3092	3102	rBV	3364650	6530641	61.65%	9.999%
69	19.850	3102	3105	3110	rVB2	81614	117695	1.11%	0.180%
70	19.974	3121	3126	3137	rVB2	325304	538556	5.08%	0.825%
71	20.421	3196	3202	3205	rBV	188152	312247	2.95%	0.478%

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72	20.662	3232	3243	3251	rBV2	79557	204151	1.93%	0.313%
73	20.980	3288	3297	3301	rBV3	81869	260558	2.46%	0.399%
74	21.215	3326	3337	3342	rBV6	57505	157621	1.49%	0.241%
75	21.503	3381	3386	3396	rVB5	84309	198867	1.88%	0.304%
76	22.044	3462	3478	3495	rVB	462213	1890014	17.84%	2.894%
77	22.668	3571	3584	3601	rVB2	858584	2598910	24.53%	3.979%
78	24.156	3826	3837	3842	rBV8	75937	275751	2.60%	0.422%

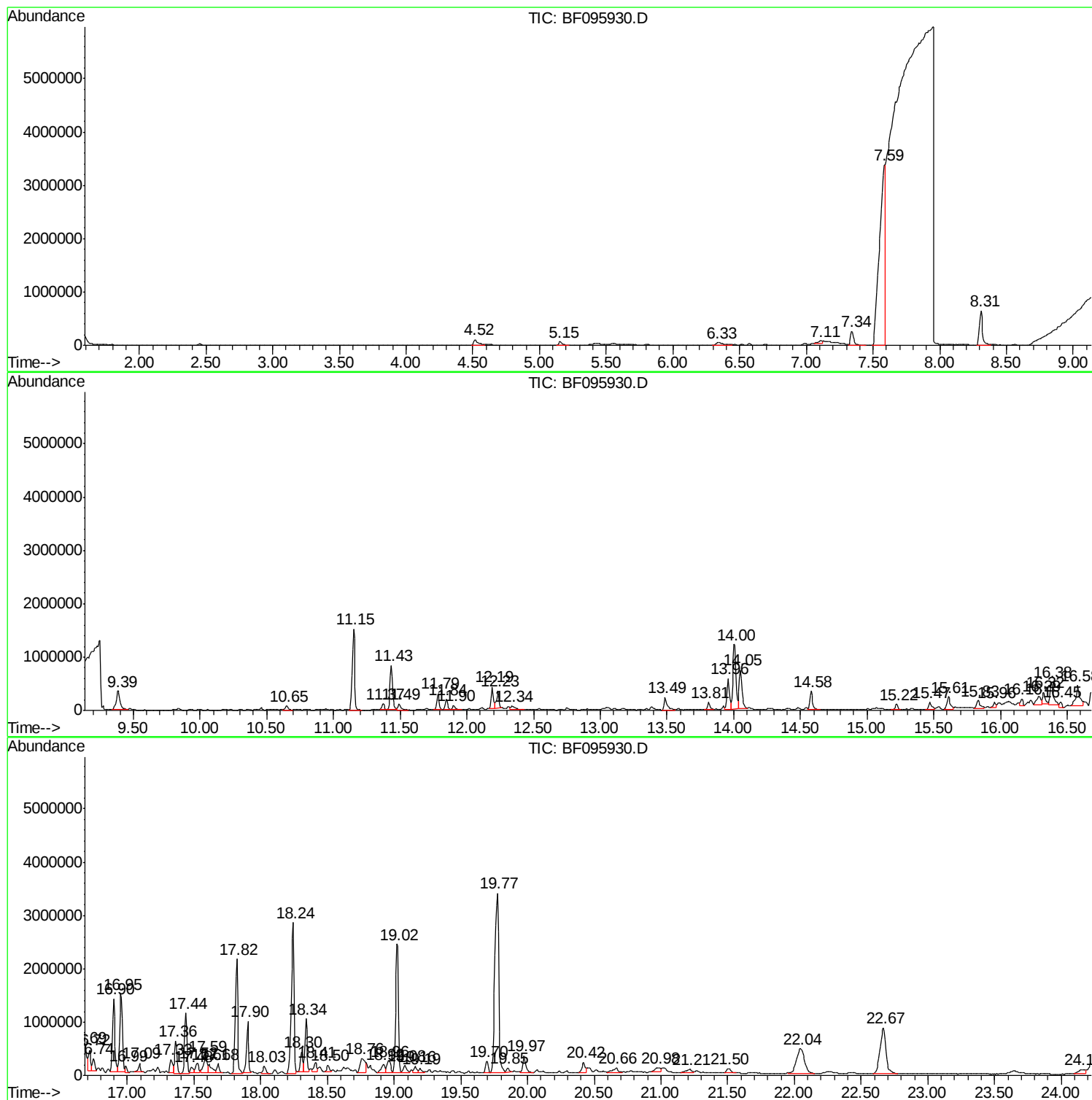
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument :
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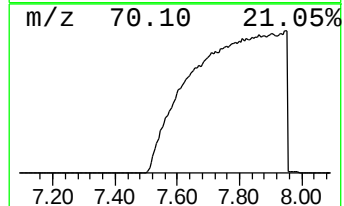
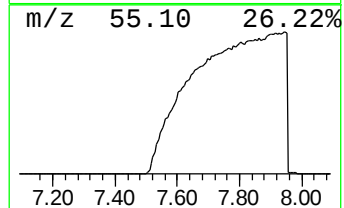
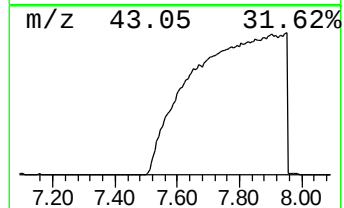
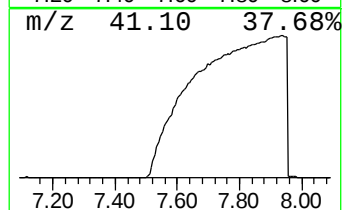
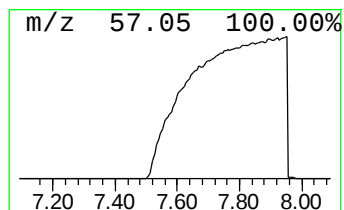
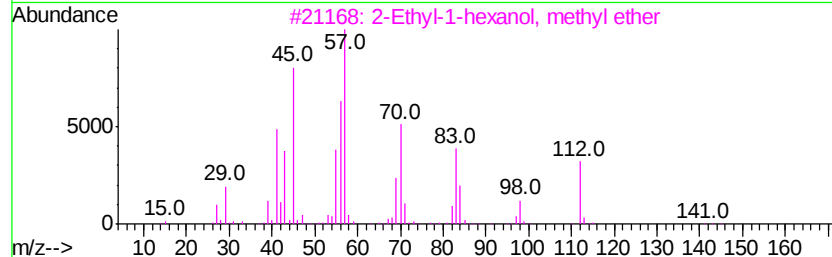
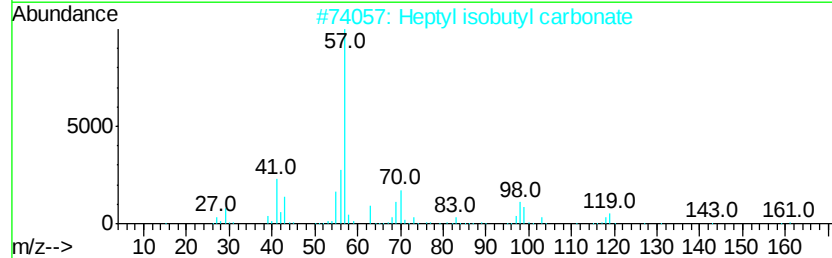
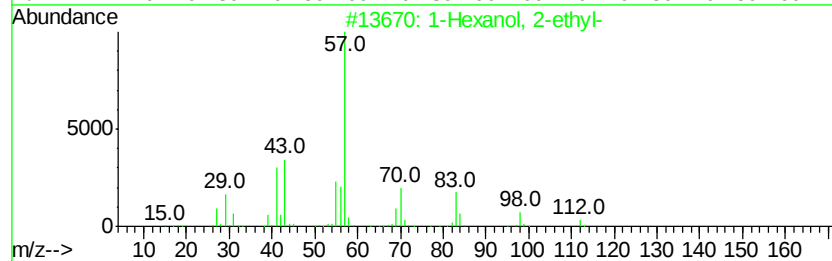
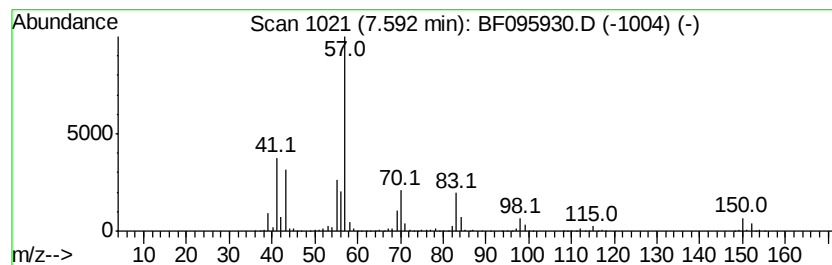
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	492.63 ng	10593000	1,4-Dichlorobenzene-d4	7.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2		Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50
3		2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47
4		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
5		Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	45



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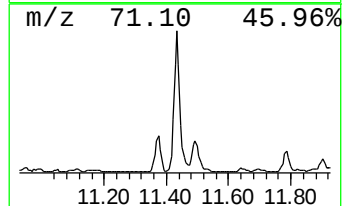
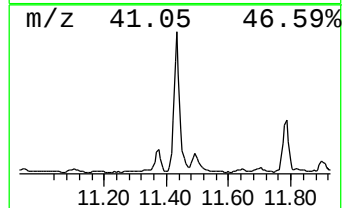
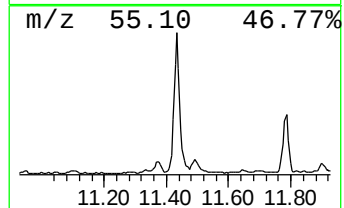
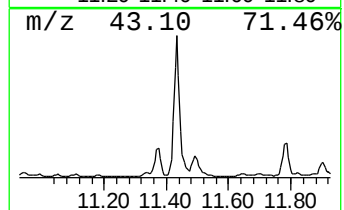
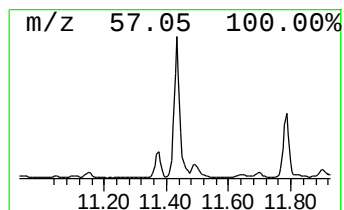
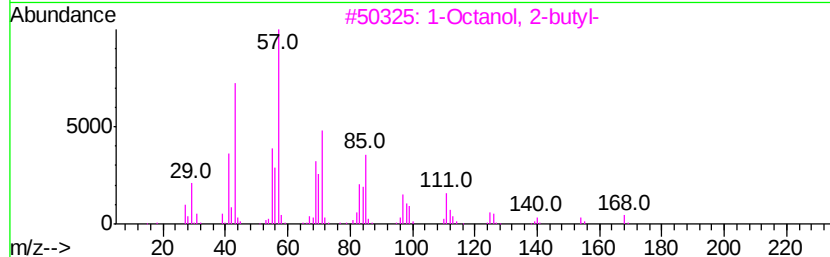
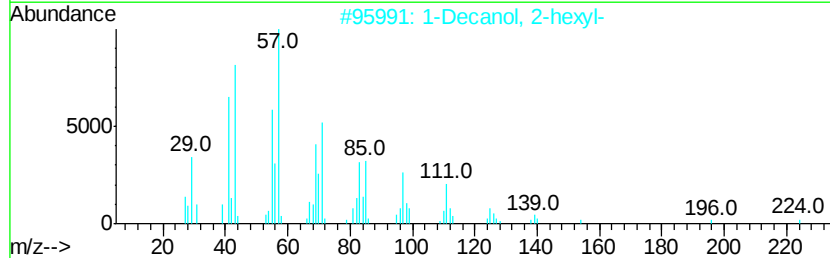
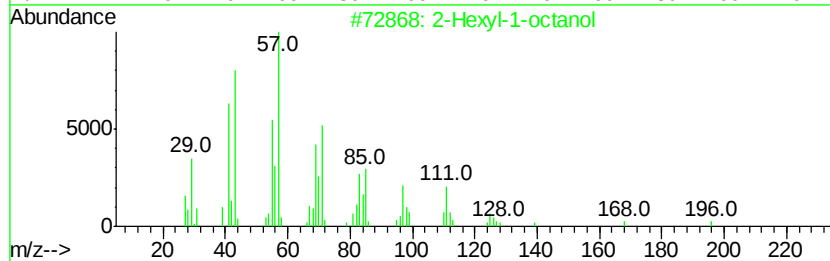
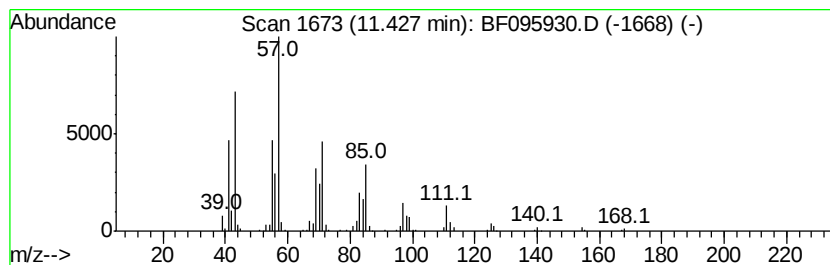
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Hexyl-1-octanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	39.86 ng	1095420	Acenaphthene-d10	12.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	91
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	90
3		1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	90
4		Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	72
5		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	59



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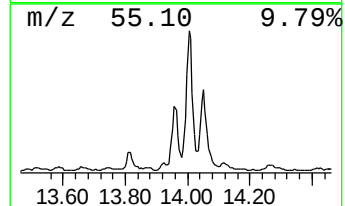
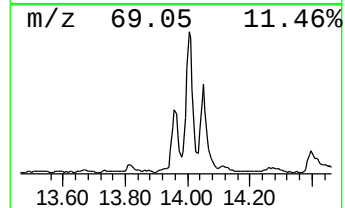
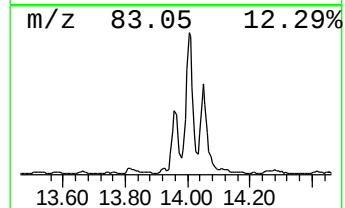
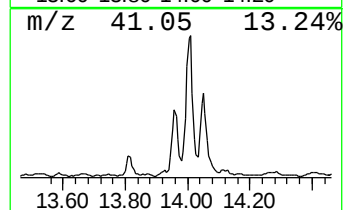
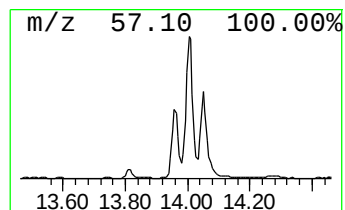
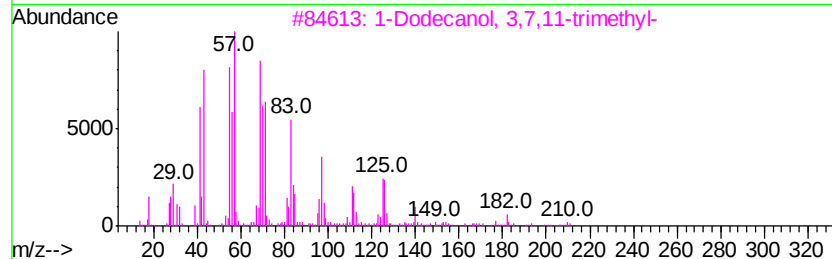
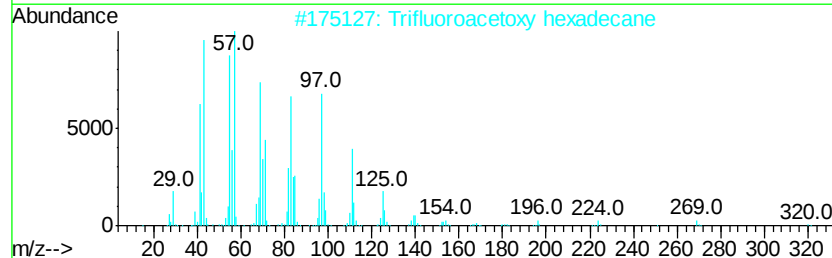
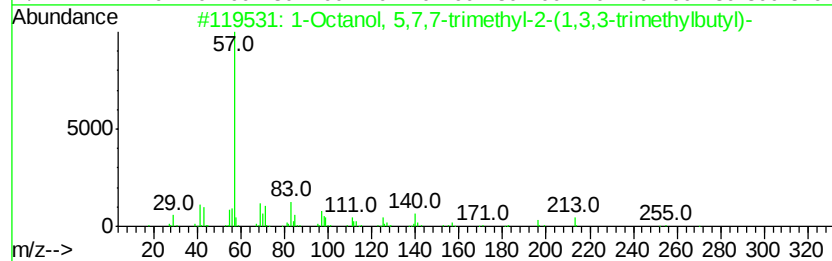
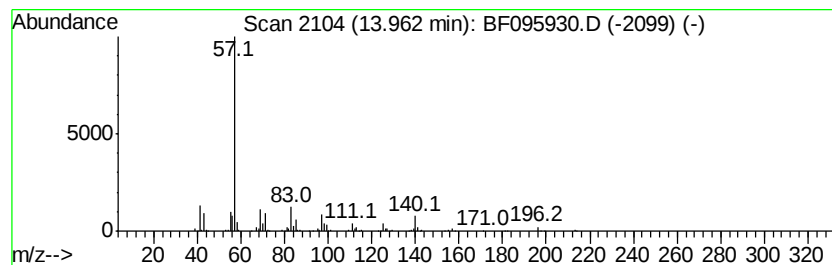
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.96	35.32 ng	844315	Phenanthrene-d10	14.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octanol, 5,7,7-trimethyl-2-(1,...	270	C18H38O	036400-98-3	72	
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	59	
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	59	
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	59	
5	Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	53	



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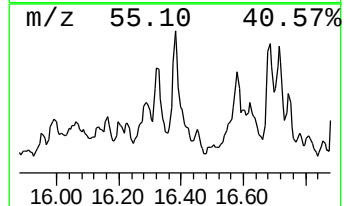
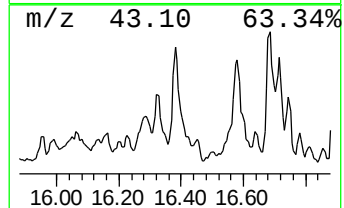
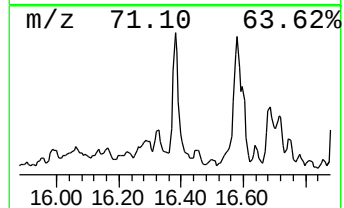
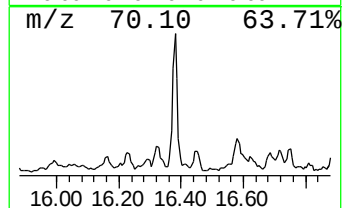
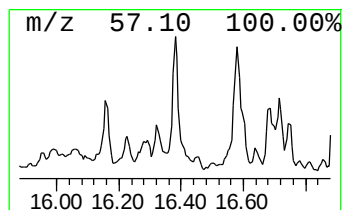
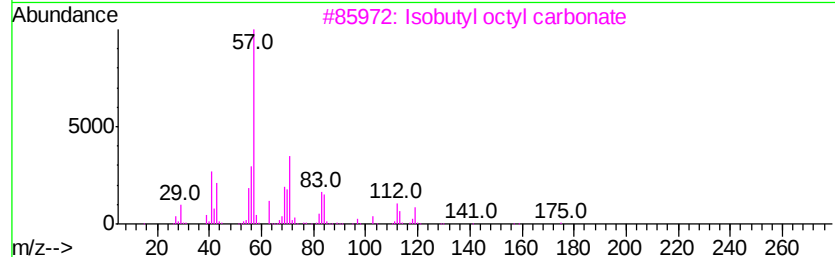
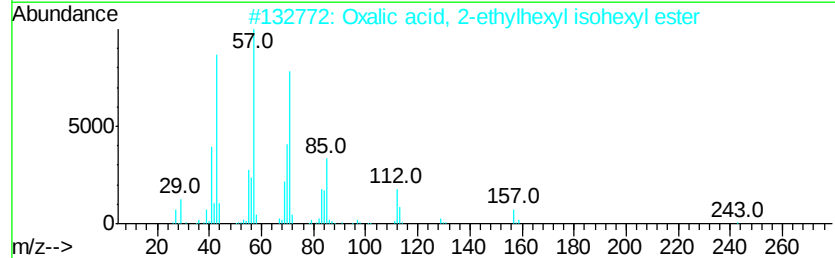
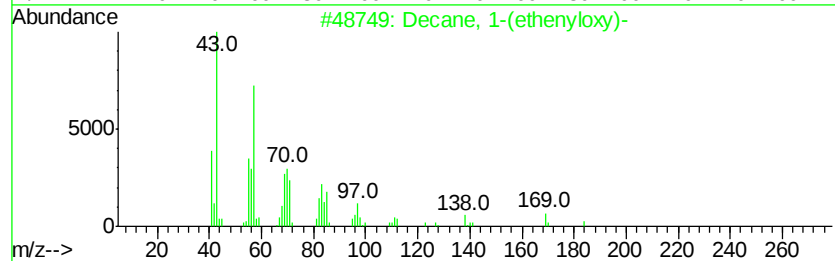
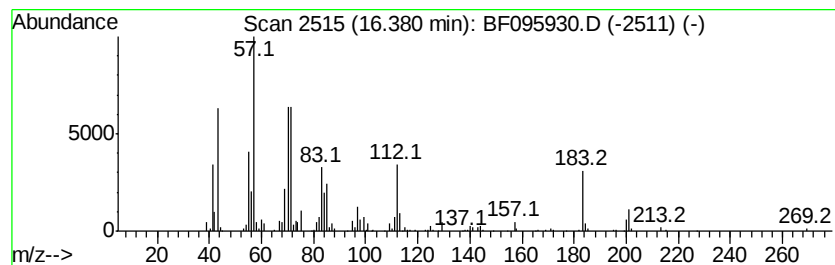
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ClientSampleId :
EFF-WW

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown16.38 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.38	28.37 ng	678046	Phenanthrene-d10	14.58		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-(ethenvloxy)-		184	C12H24O	000765-05-9	43
2	Oxalic acid, 2-ethylhexyl isohex...		286	C16H30O4	1000309-38-8	43
3	Isobutvl octvl carbonate		230	C13H26O3	1000372-74-6	38
4	Pentane, 2,3,3-trimethyl-		114	C8H18	000560-21-4	38
5	Oxalic acid, 2-ethylhexyl tetrad...		398	C24H46O4	1000309-39-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

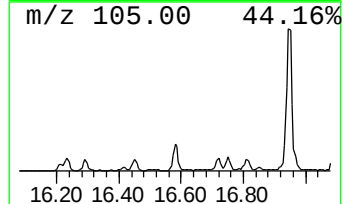
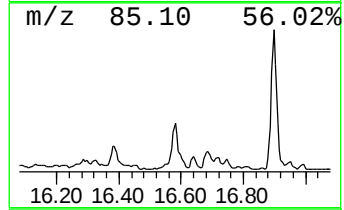
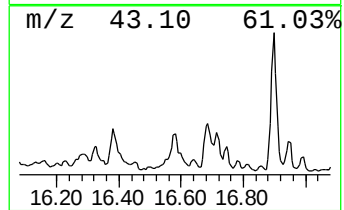
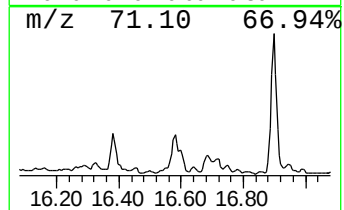
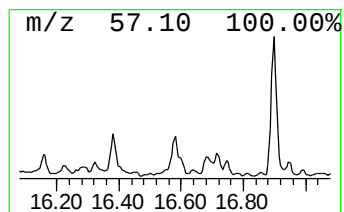
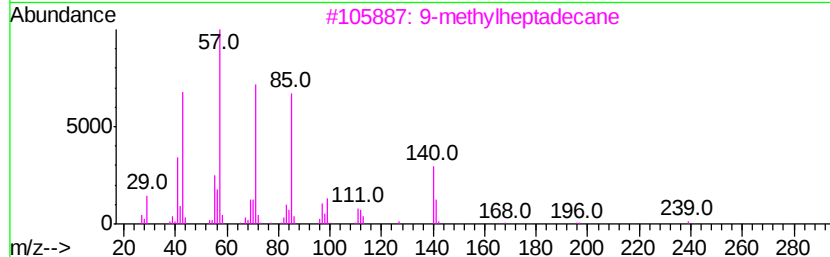
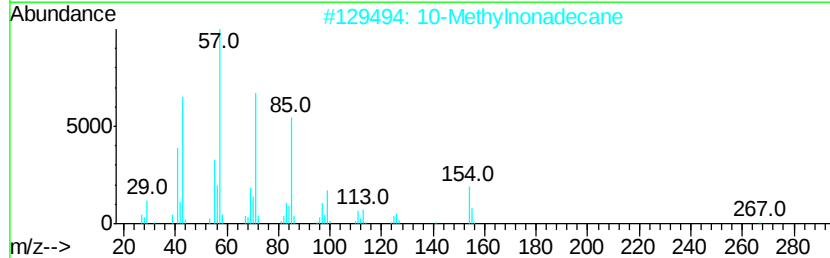
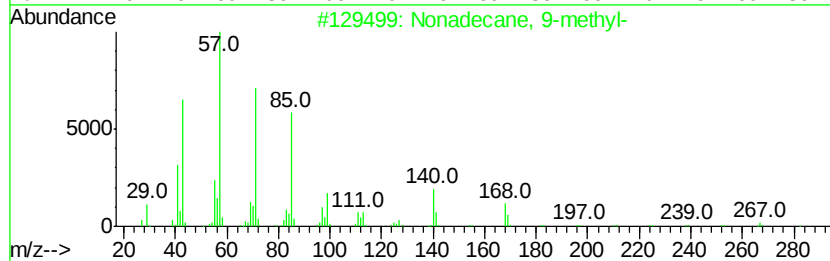
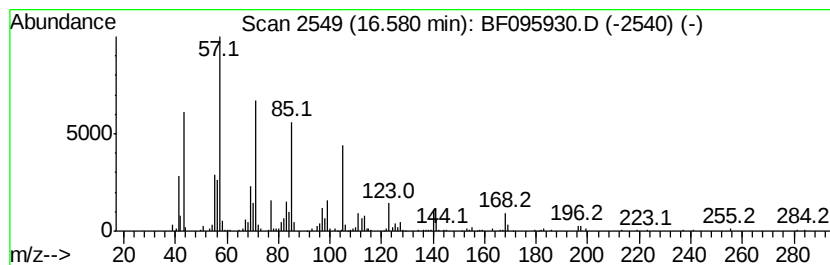
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Nonadecane, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.58	29.25 ng	746581	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2		10-Methylnonadecane	282	C20H42	056862-62-5	74
3		9-methylheptadecane	254	C18H38	026741-18-4	72
4		5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	72
5		Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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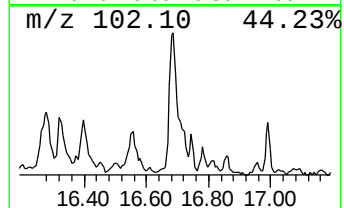
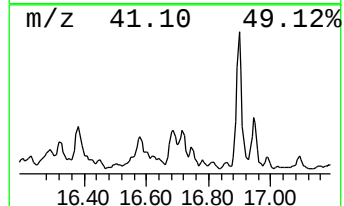
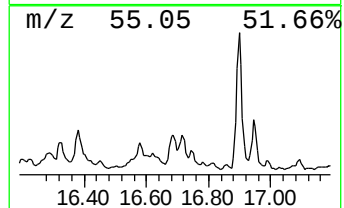
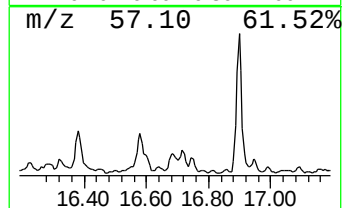
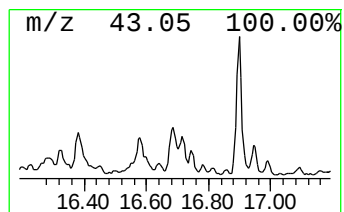
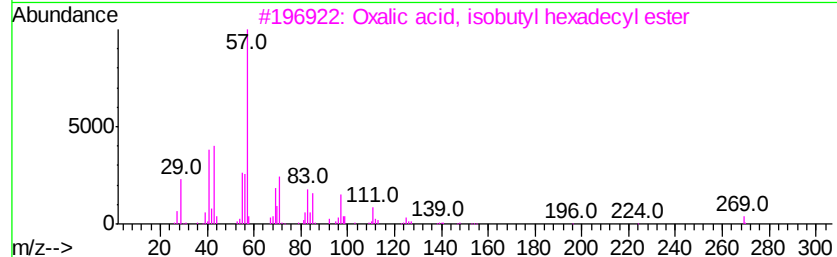
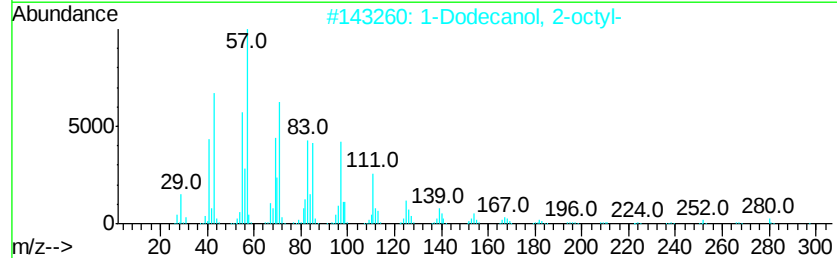
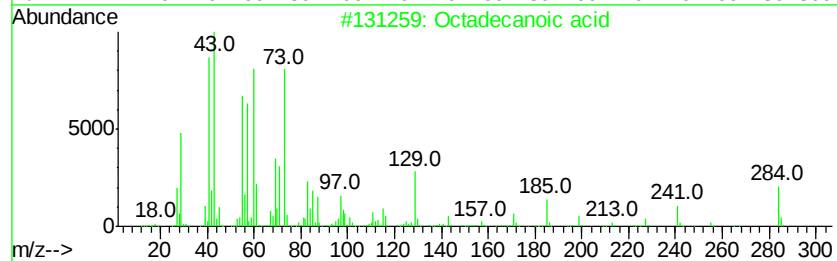
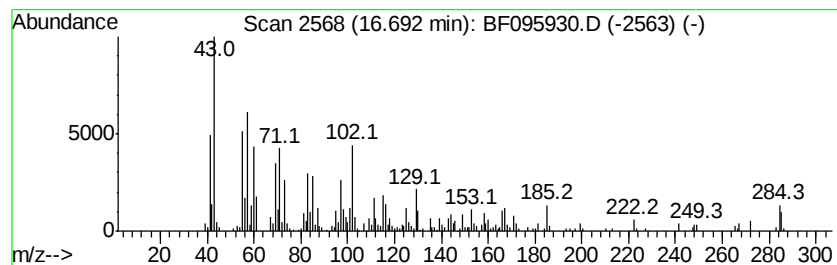
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.69 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.69	27.13 ng	692607	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	30
2		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	30
3		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	25
4		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	25
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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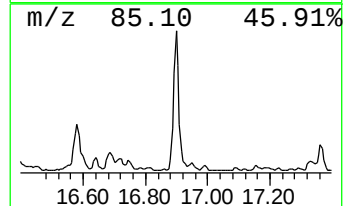
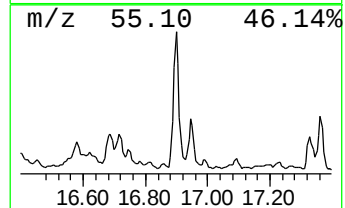
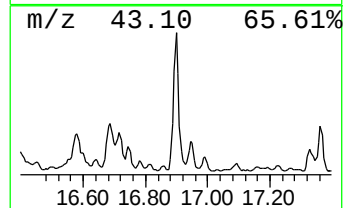
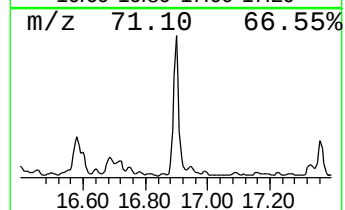
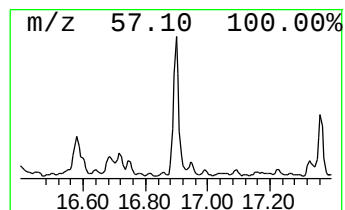
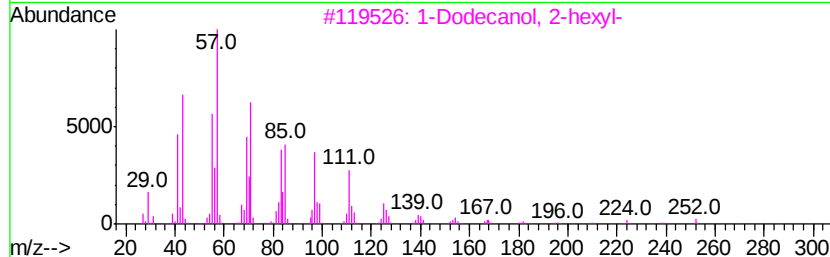
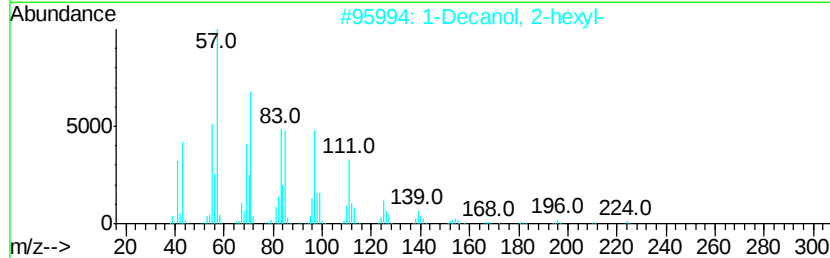
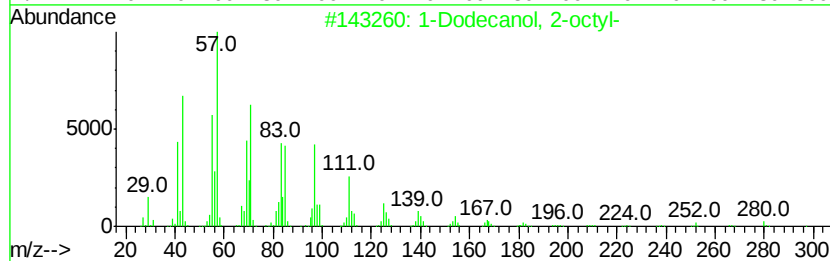
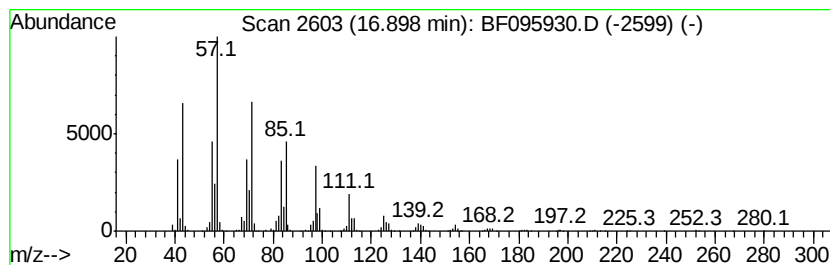
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Dodecanol, 2-octyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.90	66.17 ng	1688900	Chrysene-d12	18.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	90
4			Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	86
5			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
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ALS Vial : 8 Sample Multiplier: 1

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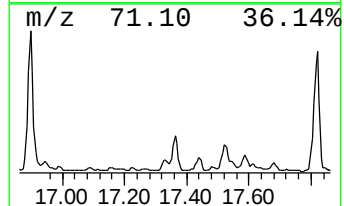
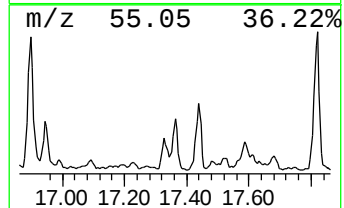
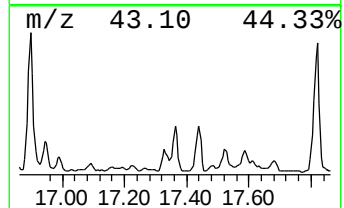
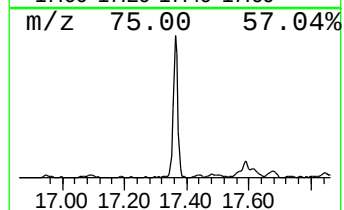
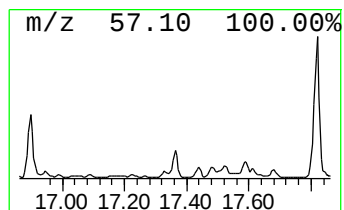
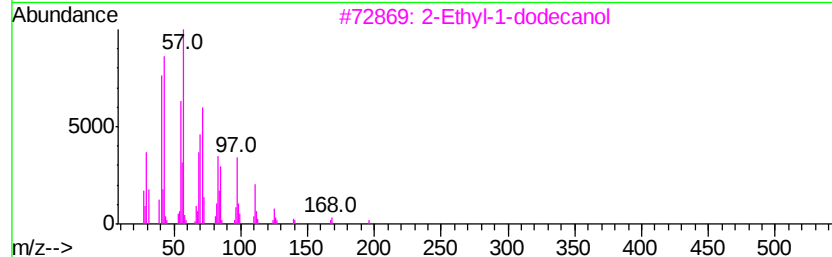
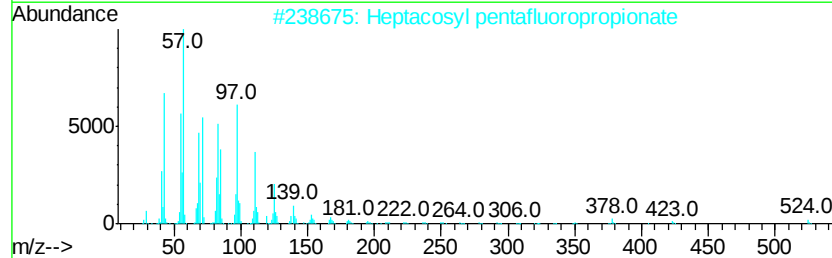
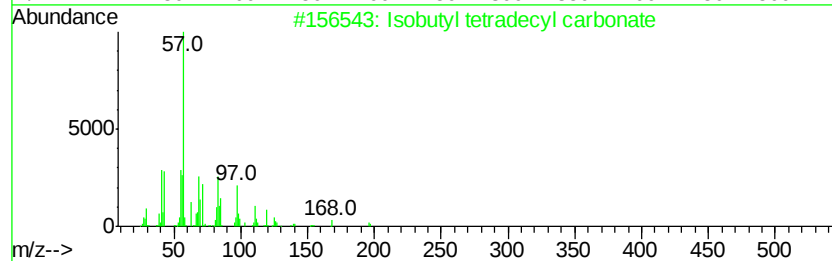
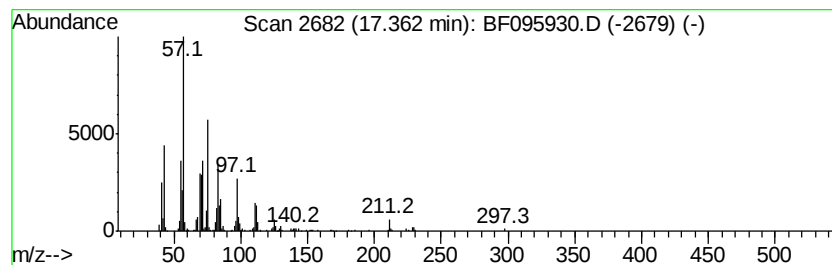
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Isobutyl tetradecyl carbonate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	26.79 ng	683881	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	58
2		Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	50
3		2-Ethyl-1-dodecanol	214	C14H30O	019780-33-7	49
4		Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	49
5		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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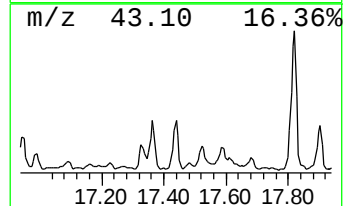
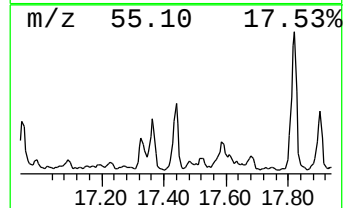
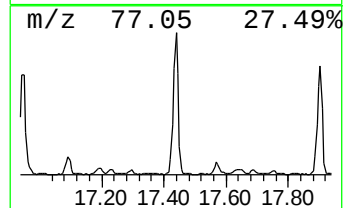
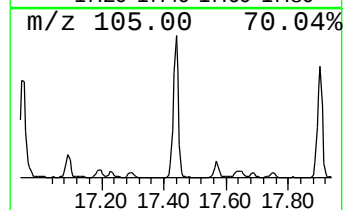
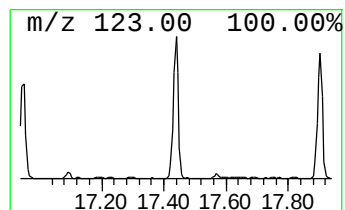
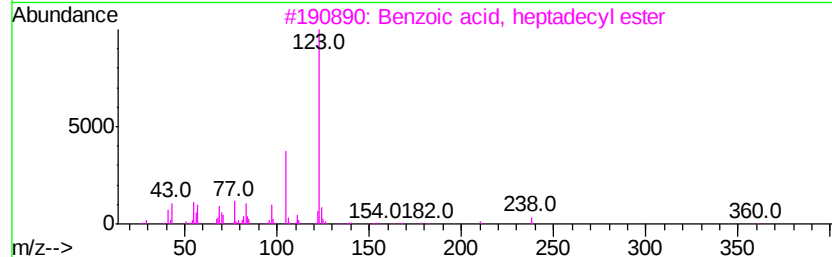
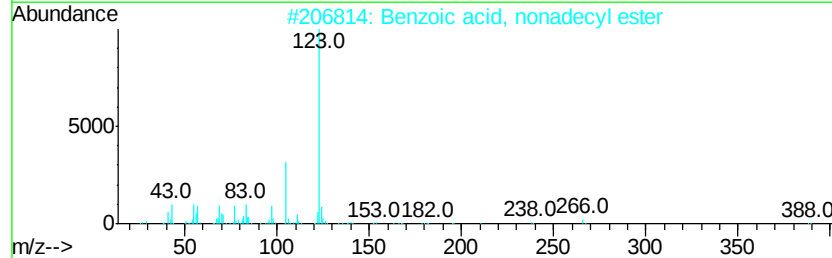
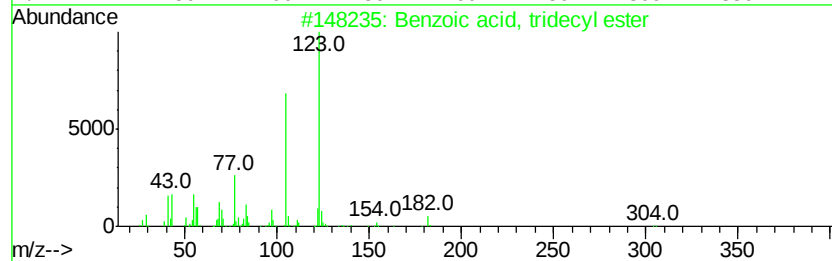
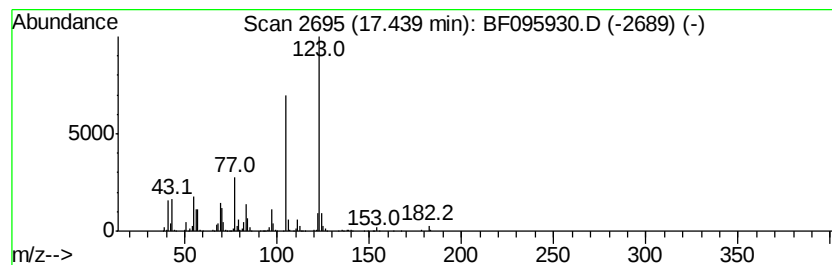
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzoic acid, tridecyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	50.61 ng	1291880	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzoic acid, tridecyl ester	304	C20H32O2	1000340-22-6	91
2		Benzoic acid, nonadecyl ester	388	C26H44O2	1000340-23-2	91
3		Benzoic acid, heptadecyl ester	360	C24H40O2	1000340-23-0	91
4		Benzoic acid, eicosyl ester	402	C27H46O2	1000340-23-3	86
5		Benzoic acid, octadecyl ester	374	C25H42O2	1000340-23-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
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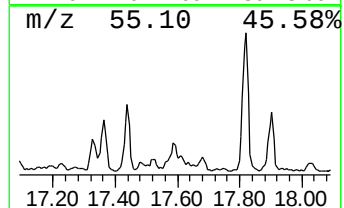
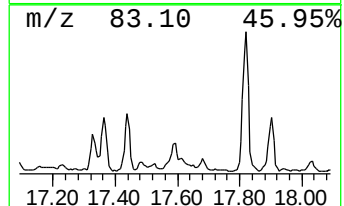
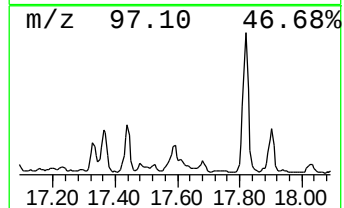
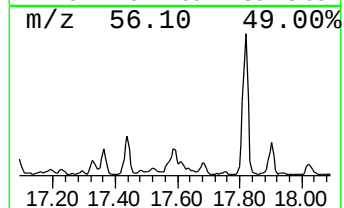
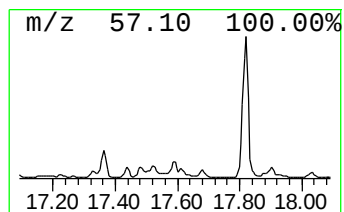
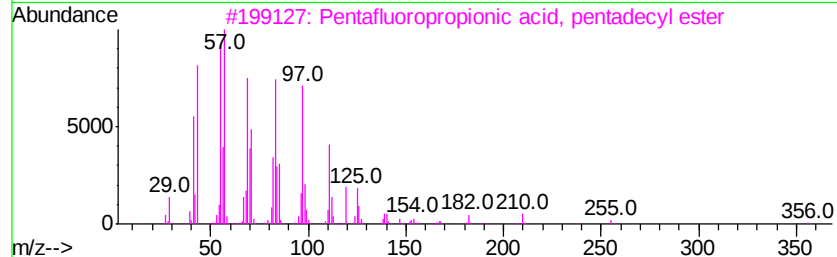
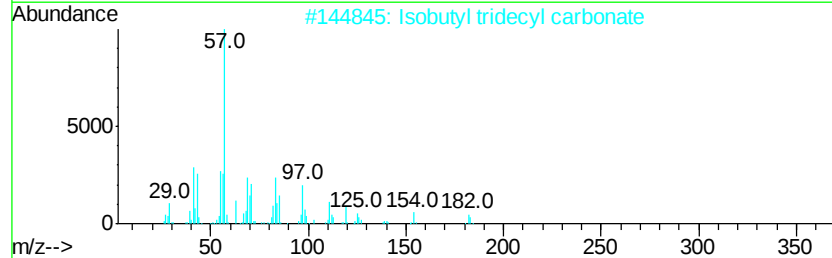
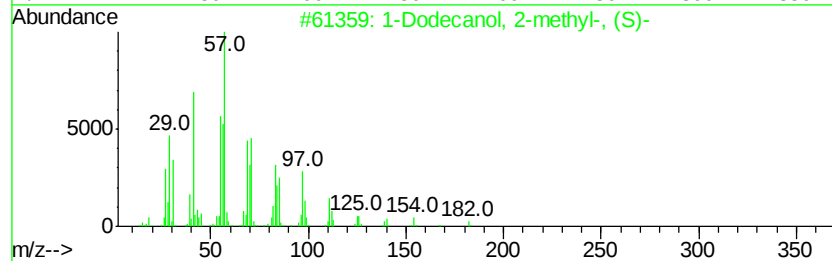
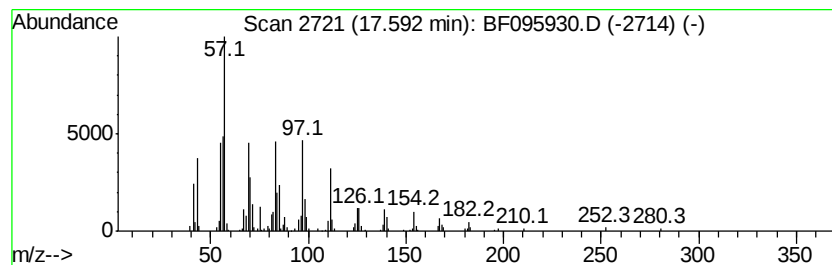
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Dodecanol, 2-methyl-, (S)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	22.37 ng	571040	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Dodecanol, 2-methyl-, (S)-	200	C13H28O	057289-26-6	72
2		Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	72
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	64
4		1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	64
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

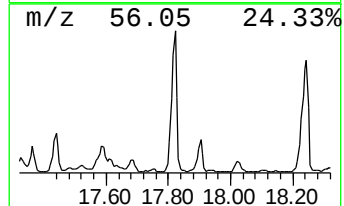
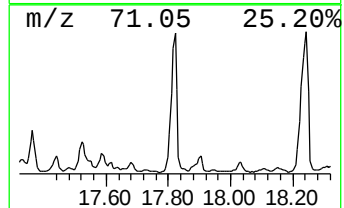
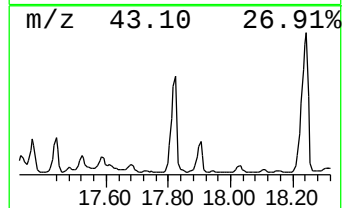
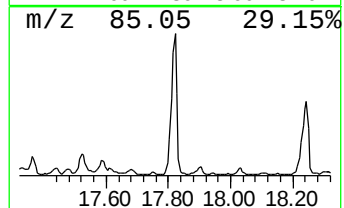
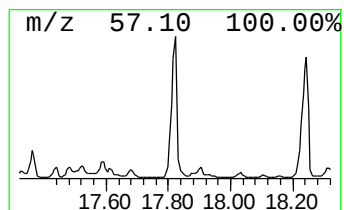
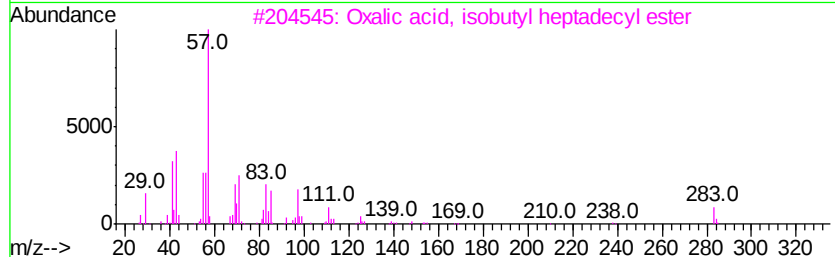
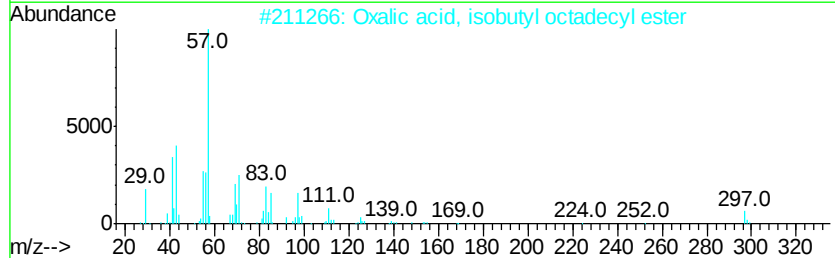
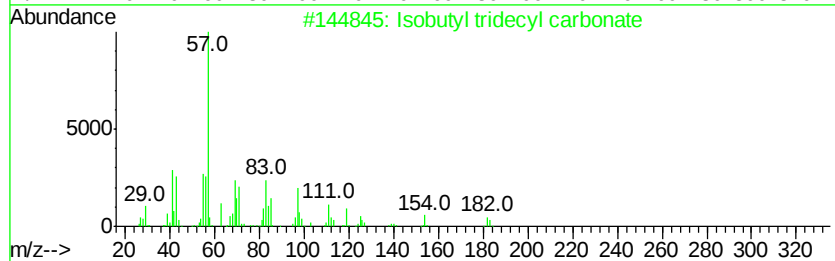
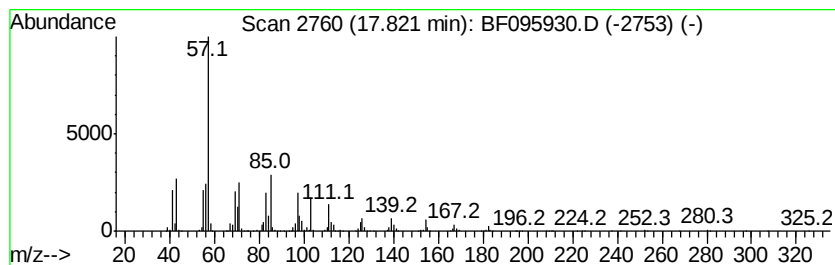
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Isobutyl tridecyl carbonate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	102.90 ng	2626450	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutyl tridecyl carbonate	300	C18H36O3	959275-44-6	80
2		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	74
3		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	74
4		Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	64
5		Carbonic acid, isobutyl pentadec...	328	C20H40O3	1000314-61-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

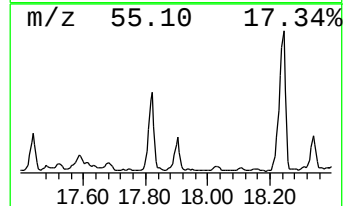
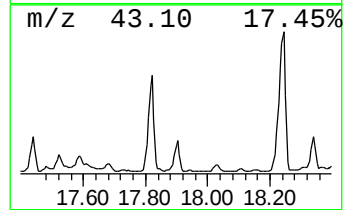
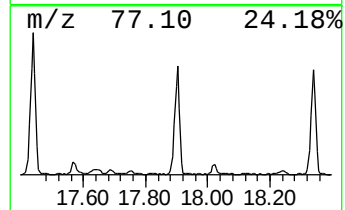
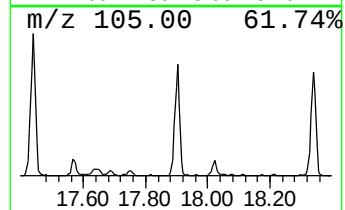
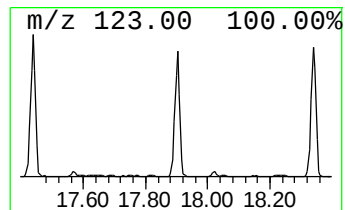
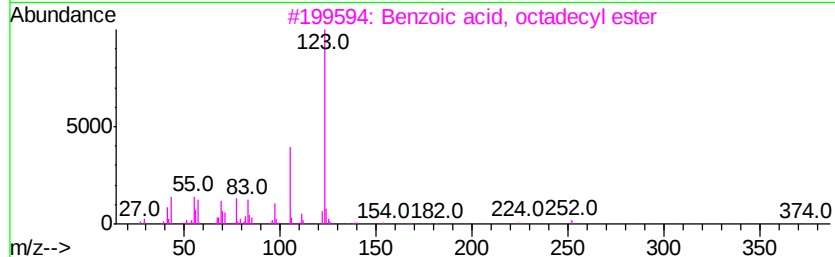
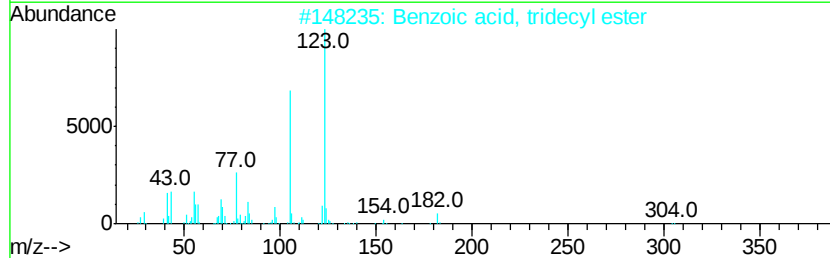
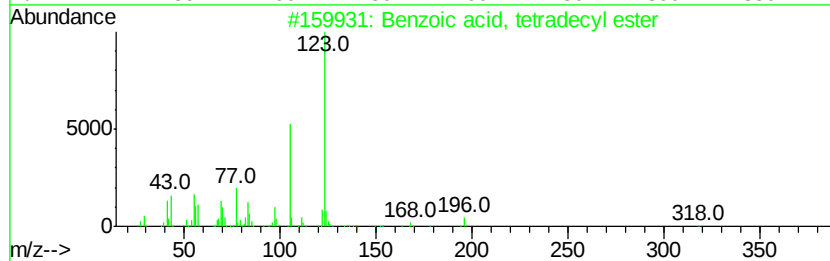
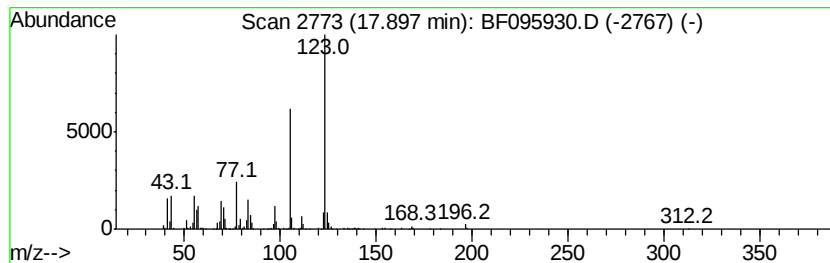
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzoic acid, tetradecyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	44.94 ng	1147110	Chrysene-d12	18.30

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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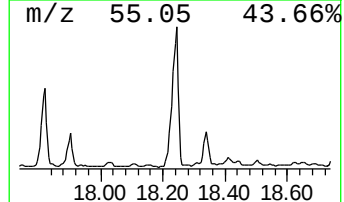
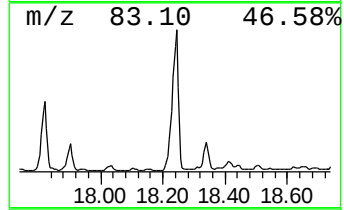
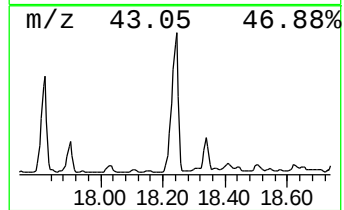
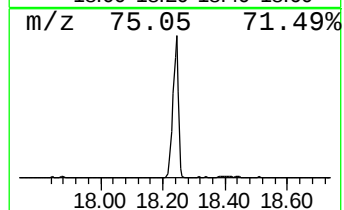
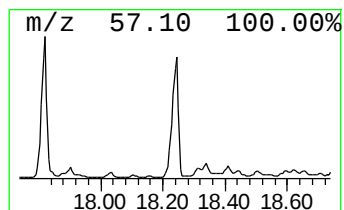
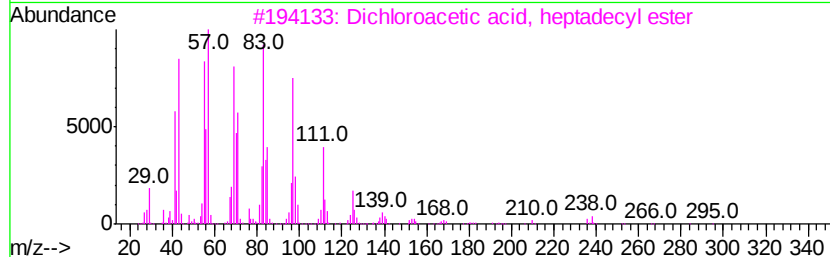
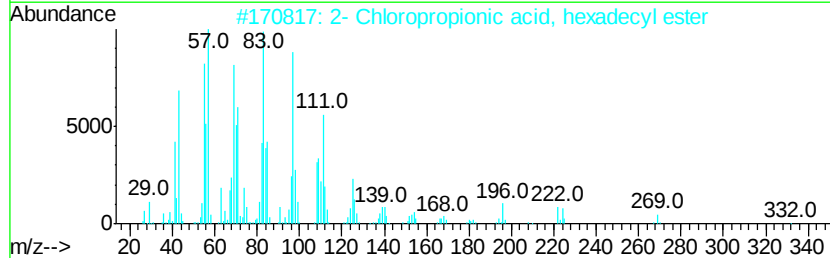
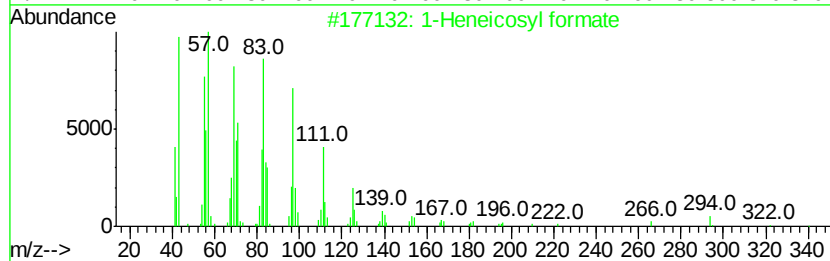
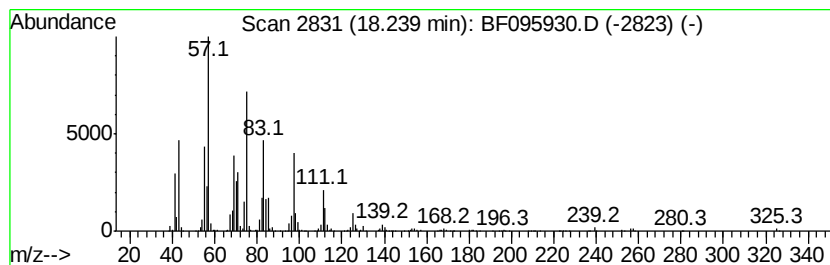
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	161.17 ng	4113840	Chrysene-d12	18.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heneicosyl formate	340	C22H44O2	077899-03-7	64
2			2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	64
3			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	64
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	60
5			Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	60



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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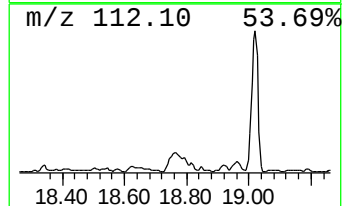
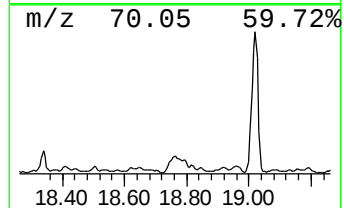
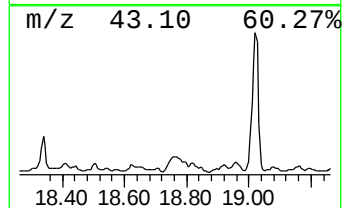
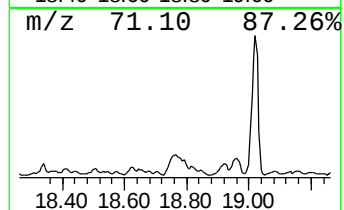
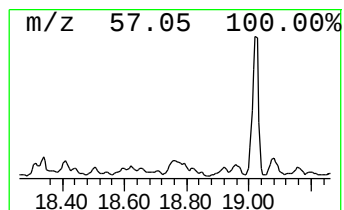
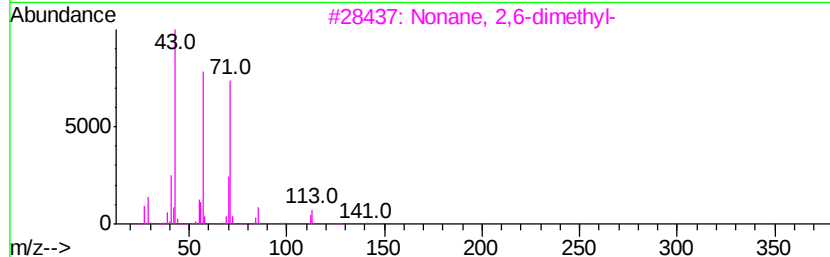
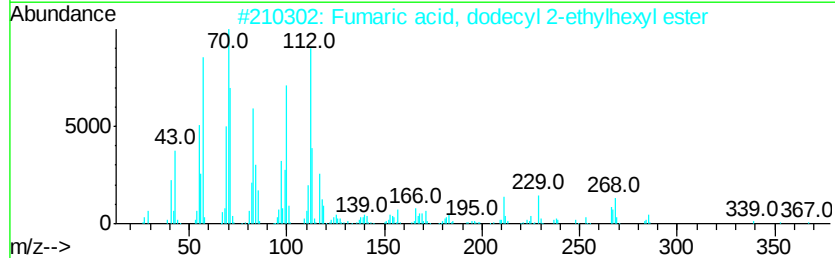
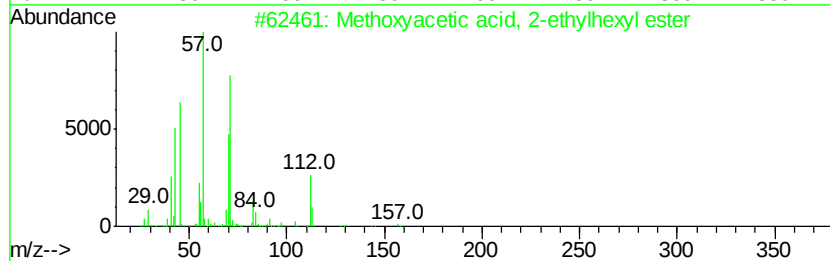
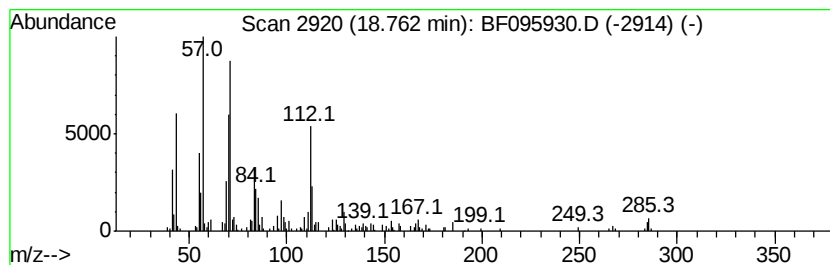
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Methoxyacetic acid, 2-ethyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	25.85 ng	659784	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	64
2		Fumaric acid, dodecyl 2-ethylhex...	396	C24H44O4	1000339-14-6	52
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	43
4		Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	38
5		Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
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Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

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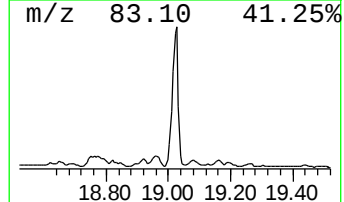
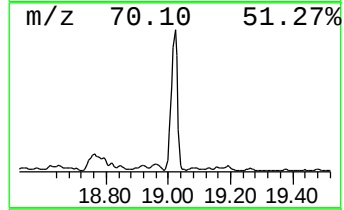
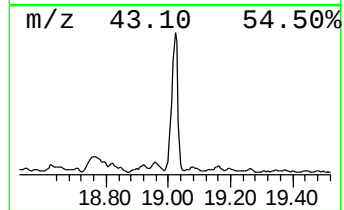
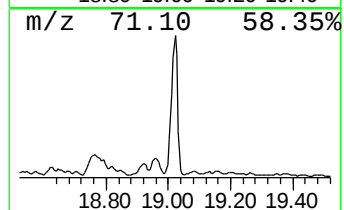
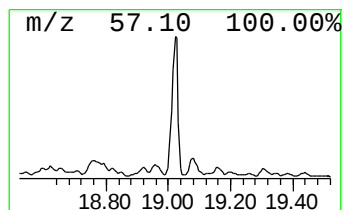
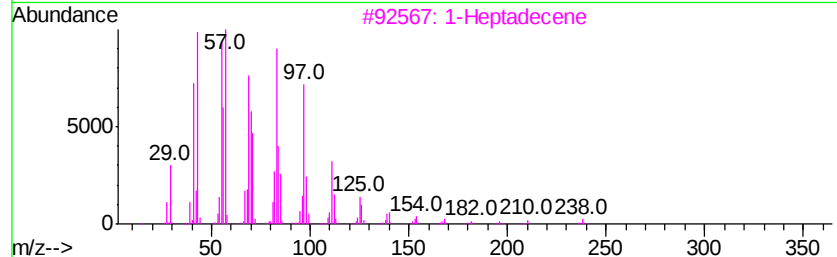
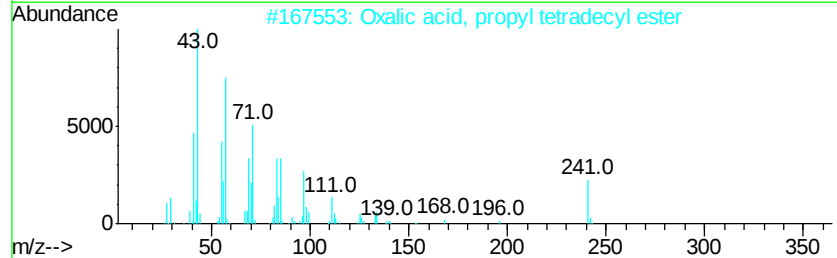
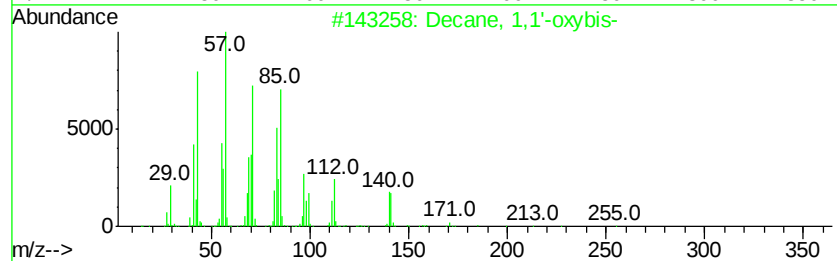
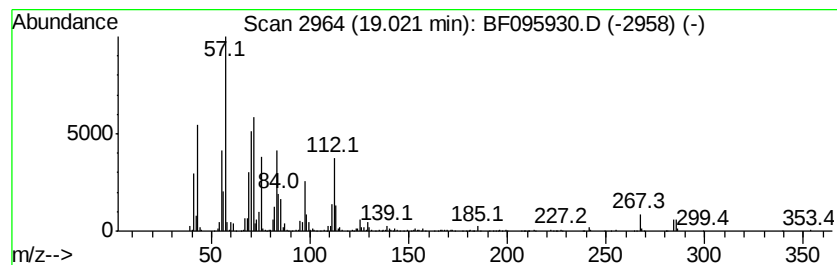
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decane, 1,1'-oxybis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.02	132.03 ng	3370010	Chrysene-d12	18.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	50
2		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	49
3		1-Heptadecene	238	C17H34	006765-39-5	43
4		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	35
5		Cyclotetracosane	336	C24H48	000297-03-0	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
 Data File : BF095930.D
 Acq On : 14 Jun 2017 19:15
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 Sample : I3550-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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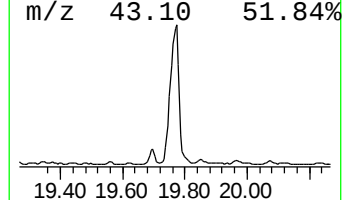
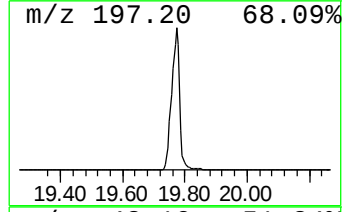
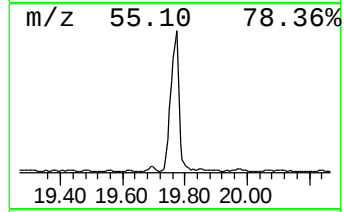
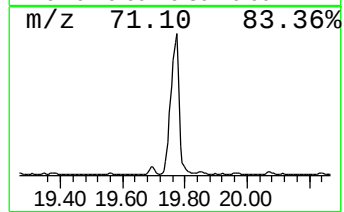
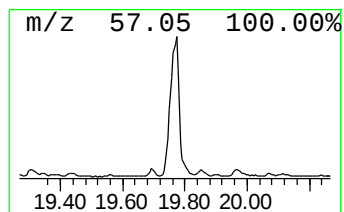
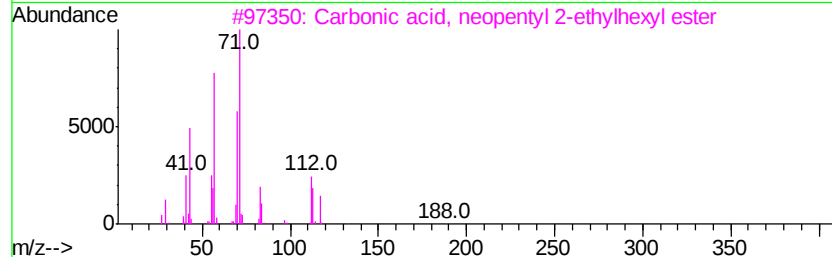
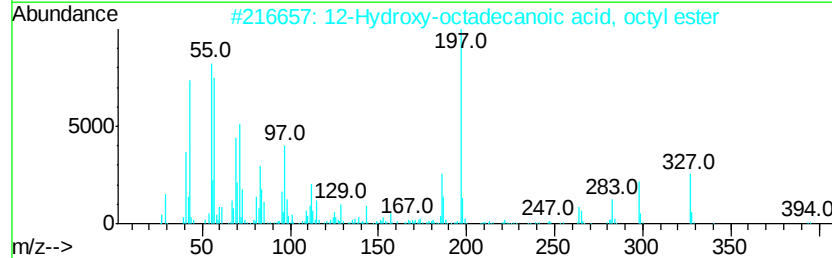
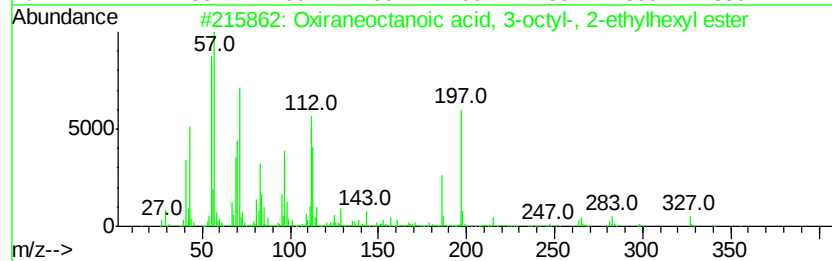
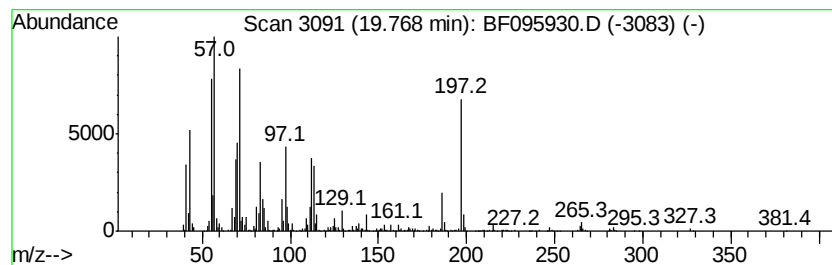
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 18 Oxiraneoctanoic acid, 3-oct... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	242.52 ng	6530640	Perylene-d12	19.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxiraneoctanoic acid, 3-octyl-, ...	410	C26H50O3	000141-38-8	70
2		12-Hydroxy-octadecanoic acid, oc...	412	C26H52O3	074819-90-2	45
3		Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	38
4		Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	35
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
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Acq On : 14 Jun 2017 19:15
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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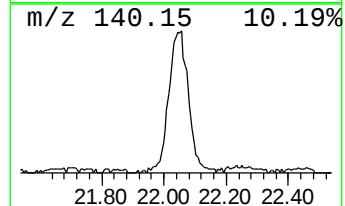
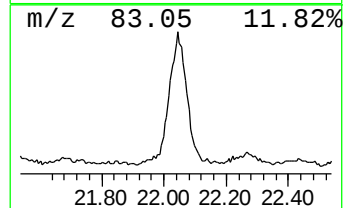
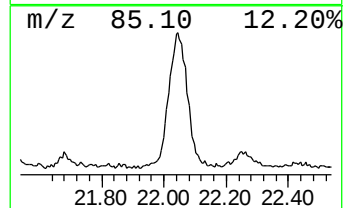
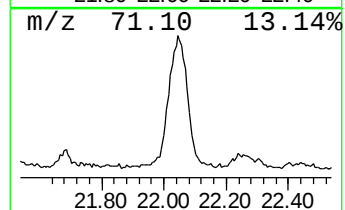
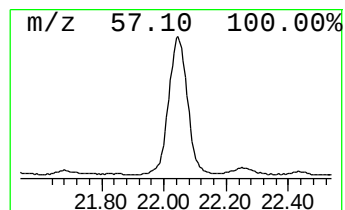
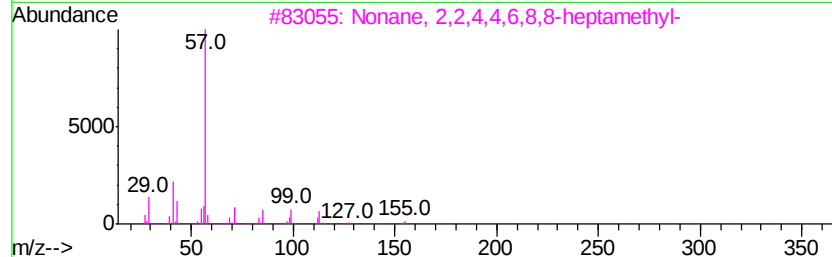
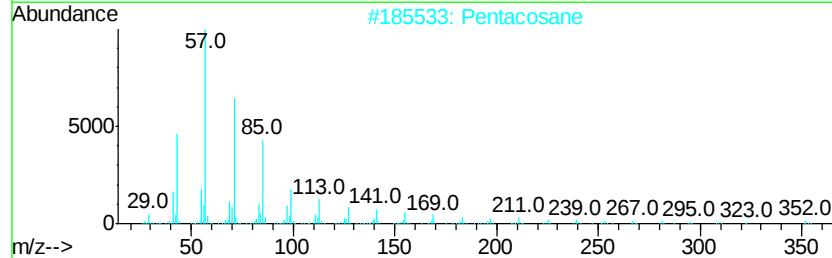
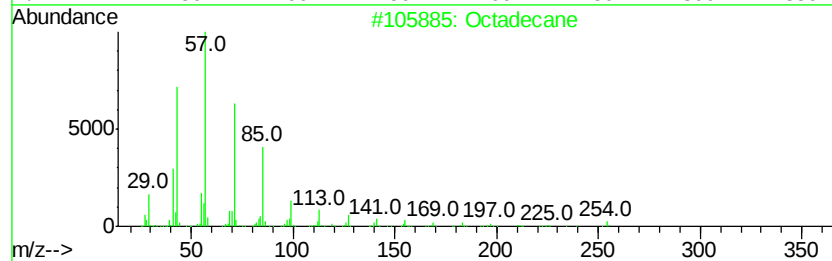
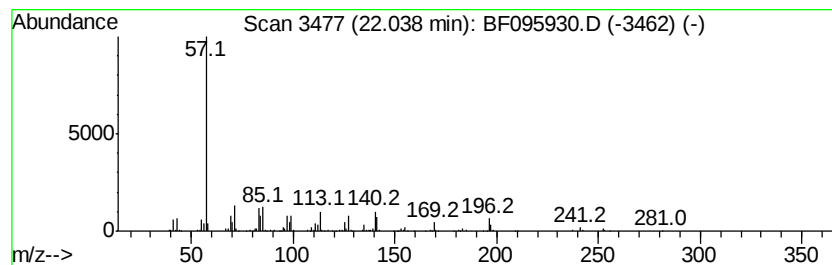
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown22.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	70.19 ng	1890010	Perylene-d12	19.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	47
2		Pentacosane	352	C25H52	000629-99-2	43
3		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	38
4		Trichloroacetic acid, undecyl ester	316	C13H23Cl3O2	074339-49-4	38
5		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095930.D
Acq On : 14 Jun 2017 19:15
Operator : SJ/MA
Sample : I3550-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EFF-WW

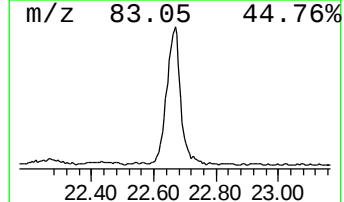
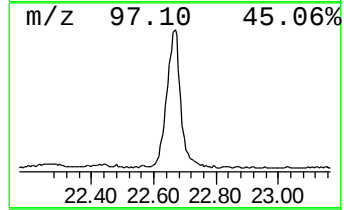
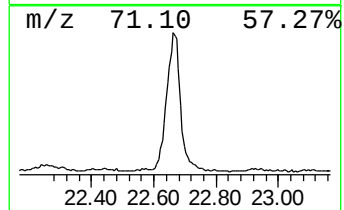
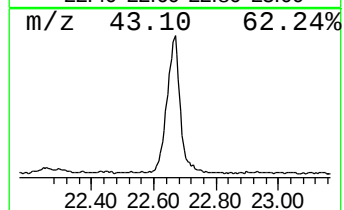
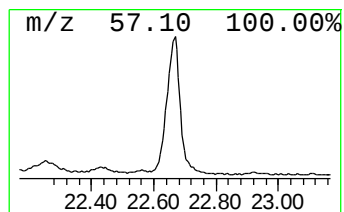
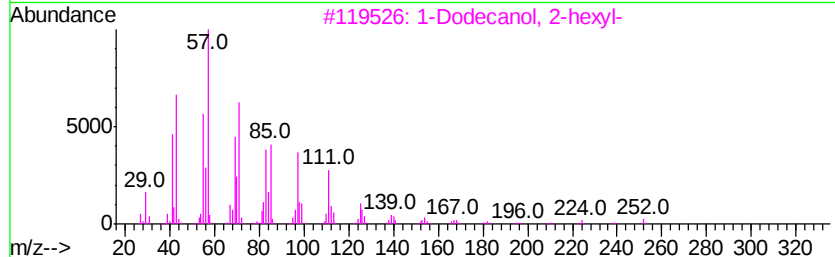
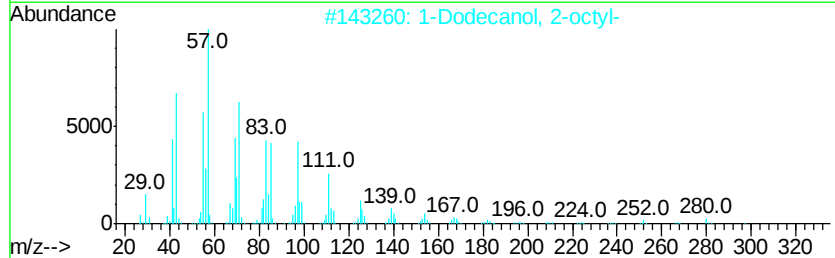
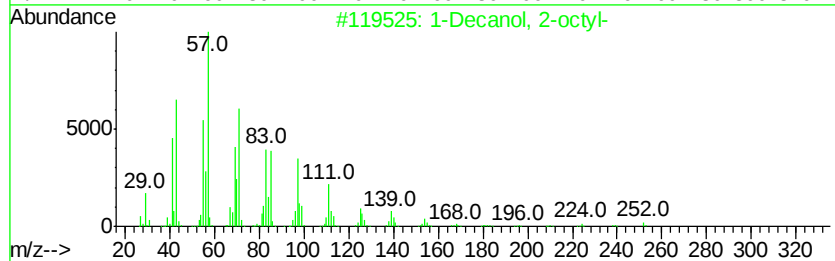
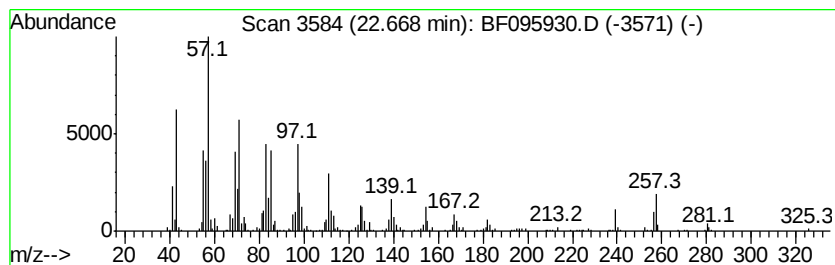
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1-Decanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	96.51 ng	2598910	Perylene-d12	19.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	81
2			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	81
3			1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81
4			Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	78
5			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061417\
 Data File : BF095930.D
 Acq On : 14 Jun 2017 19:15
 Operator : SJ/MA
 Sample : I3550-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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-	7.59	492.6	ng	10593000	1	7.34	430059	20.0
2-Hexyl-1-octanol	11.43	39.9	ng	1095420	3	12.19	549647	20.0
1-Octanol, 5,7,7-...	13.96	35.3	ng	844315	4	14.58	478053	20.0
unknown16.38	16.38	28.4	ng	678046	4	14.58	478053	20.0
Nonadecane, 9-met...	16.58	29.3	ng	746581	5	18.30	510507	20.0
unknown16.69	16.69	27.1	ng	692607	5	18.30	510507	20.0
1-Dodecanol, 2-oc...	16.90	66.2	ng	1688900	5	18.30	510507	20.0
Isobutyl tetradec...	17.36	26.8	ng	683881	5	18.30	510507	20.0
Benzoic acid, tri...	17.44	50.6	ng	1291880	5	18.30	510507	20.0
1-Dodecanol, 2-me...	17.59	22.4	ng	571040	5	18.30	510507	20.0
Isobutyl tridecyl...	17.82	102.9	ng	2626450	5	18.30	510507	20.0
Benzoic acid, tet...	17.90	44.9	ng	1147110	5	18.30	510507	20.0
1-Heneicosyl formate	18.24	161.2	ng	4113840	5	18.30	510507	20.0
Methoxyacetic aci...	18.76	25.9	ng	659784	5	18.30	510507	20.0
Decane, 1,1'-oxybis-	19.02	132.0	ng	3370010	5	18.30	510507	20.0
Oxiraneoctanoic a...	19.77	242.5	ng	6530640	6	19.97	538556	20.0
unknown22.04	22.04	70.2	ng	1890010	6	19.97	538556	20.0
1-Decanol, 2-octyl-	22.67	96.5	ng	2598910	6	19.97	538556	20.0