

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
 Data File : BF095065.D
 Acq On : 10 May 2017 20:06
 Operator : SJ/MA
 Sample : I3039-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INFLUENT-5-5-17

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-BF050217.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	4.984	514	518	532	rBV	94301	178305	6.10%	0.942%
2	5.666	630	634	658	rBV	239305	618620	21.16%	3.268%
3	7.272	903	907	919	rBV	146795	374608	12.81%	1.979%
4	7.366	919	923	941	rVB	818126	1397142	47.79%	7.381%
5	7.701	976	980	993	rBV	362035	453187	15.50%	2.394%
6	7.942	1016	1021	1035	rBV	1551125	1846976	63.17%	9.757%
7	8.607	1129	1134	1162	rBV	1084952	1479818	50.62%	7.817%
8	9.725	1320	1324	1337	rBV	473213	673534	23.04%	3.558%
9	10.248	1409	1413	1420	rVB2	25733	43493	1.49%	0.230%
10	11.501	1620	1626	1638	rVB	2426321	2923620	100.00%	15.445%
11	11.719	1657	1663	1670	rVB2	28337	48441	1.66%	0.256%
12	12.195	1740	1744	1749	rVV	67310	88527	3.03%	0.468%
13	12.554	1800	1805	1818	rBV2	512182	745143	25.49%	3.936%
14	13.107	1896	1899	1903	rVB5	26402	33536	1.15%	0.177%
15	13.154	1903	1907	1912	rVB7	19632	31663	1.08%	0.167%
16	13.395	1945	1948	1955	rBV2	83772	119265	4.08%	0.630%
17	13.760	2004	2010	2013	rBV3	37923	58601	2.00%	0.310%
18	13.854	2021	2026	2039	rBV	777293	1096312	37.50%	5.791%
19	14.171	2076	2080	2082	rBV2	117528	161986	5.54%	0.856%
20	14.248	2090	2093	2101	rVB9	18279	33175	1.13%	0.175%
21	14.901	2200	2204	2208	rBV	114133	122812	4.20%	0.649%
22	14.960	2208	2214	2224	rVV	585031	805697	27.56%	4.256%
23	15.189	2248	2253	2256	rBV7	21784	41072	1.40%	0.217%
24	15.560	2313	2316	2324	rBV2	111353	136100	4.66%	0.719%
25	15.930	2374	2379	2386	rBV	213461	278893	9.54%	1.473%
26	16.154	2414	2417	2421	rBV	106029	121658	4.16%	0.643%
27	16.701	2507	2510	2517	rBV	103326	105586	3.61%	0.558%
28	16.948	2548	2552	2558	rVV	146386	155753	5.33%	0.823%
29	17.018	2560	2564	2571	rVB	196628	228141	7.80%	1.205%
30	17.201	2592	2595	2598	rBV	71532	74911	2.56%	0.396%
31	17.289	2604	2610	2616	rVB	2346750	2834327	96.95%	14.973%
32	17.671	2672	2675	2680	rVB	46483	55722	1.91%	0.294%
33	18.112	2748	2750	2754	rVB	33426	31346	1.07%	0.166%
34	18.530	2817	2821	2830	rBV2	72558	123108	4.21%	0.650%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.630	2833	2838	2844	rBV	547144	678702	23.21%	3.585%
36	18.683	2844	2847	2852	rVB	64587	72965	2.50%	0.385%
37	18.930	2887	2889	2895	rBV5	19749	33731	1.15%	0.178%
38	19.753	3026	3029	3034	rVB2	38335	48147	1.65%	0.254%
39	20.295	3117	3121	3129	rBV	393366	533484	18.25%	2.818%
40	20.595	3165	3172	3177	rBV	12749	41632	1.42%	0.220%

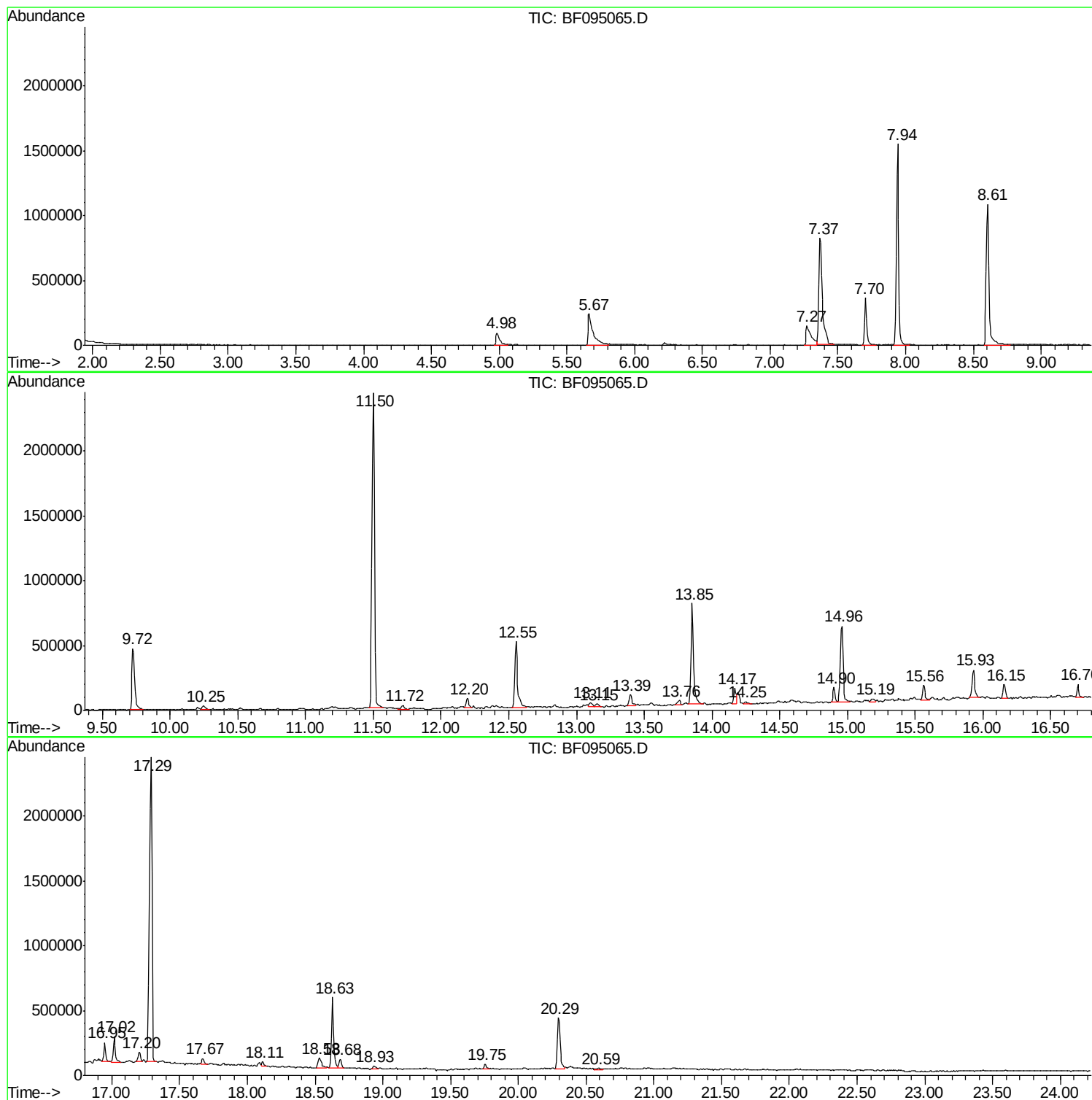
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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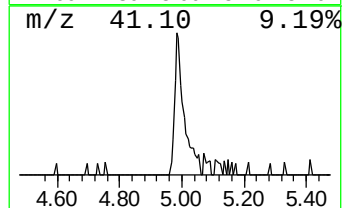
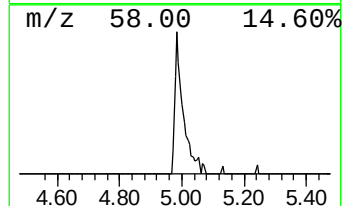
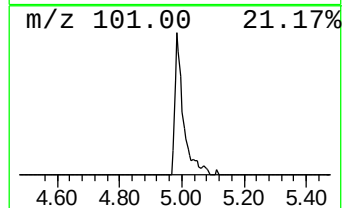
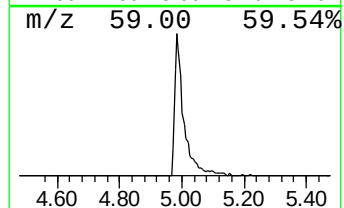
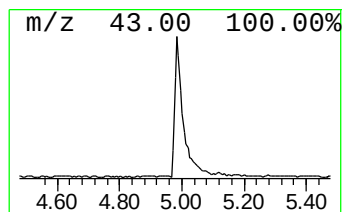
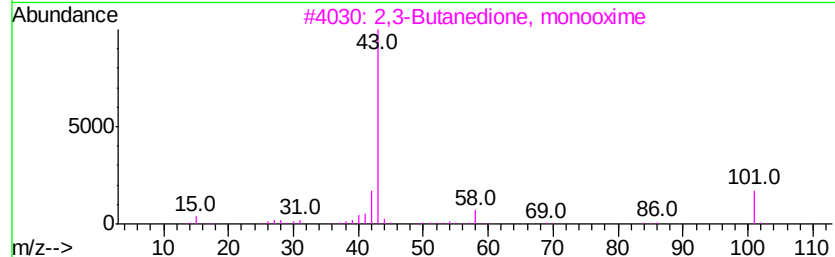
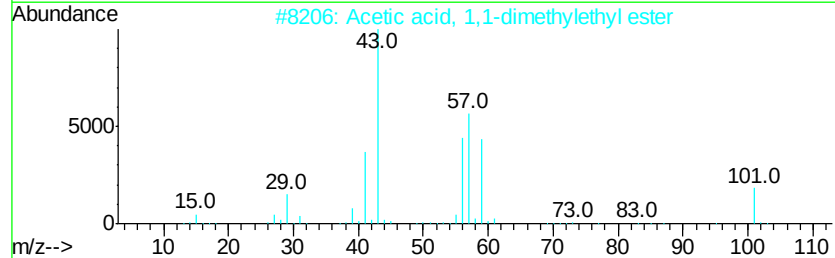
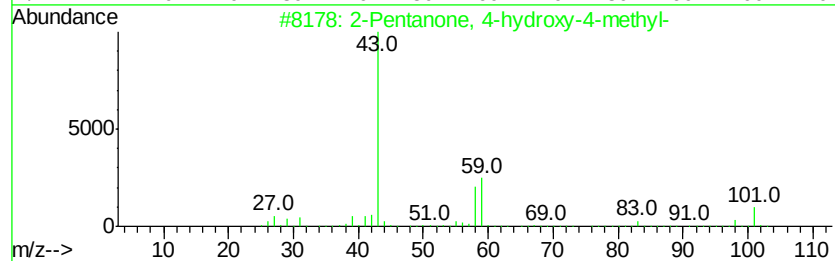
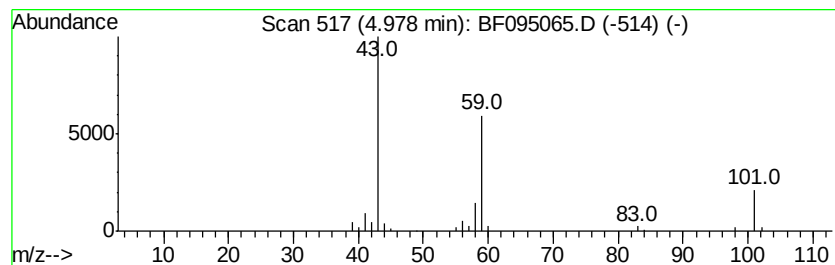
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	7.87 ng	178305	1,4-Dichlorobenzene-d4	7.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4		Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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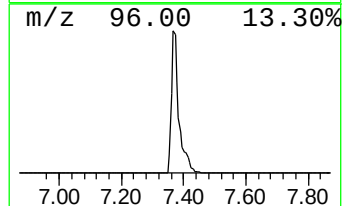
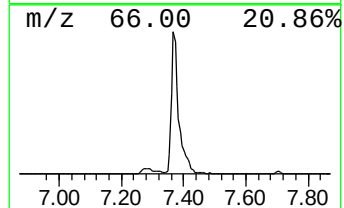
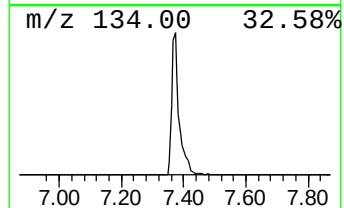
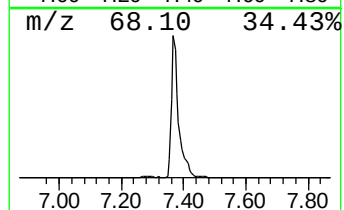
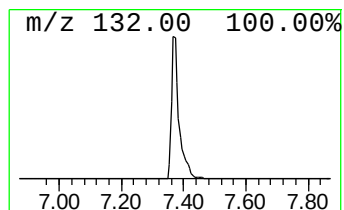
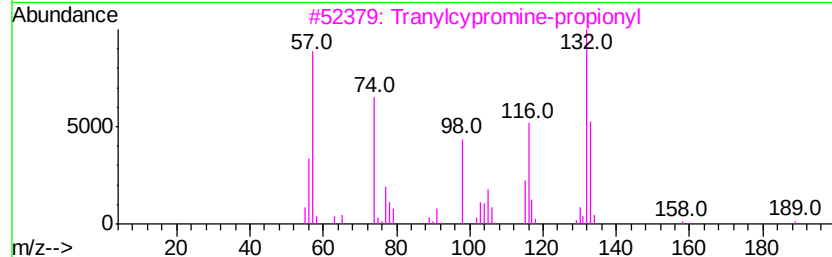
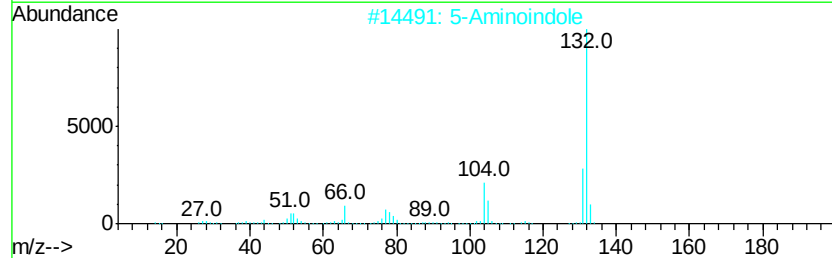
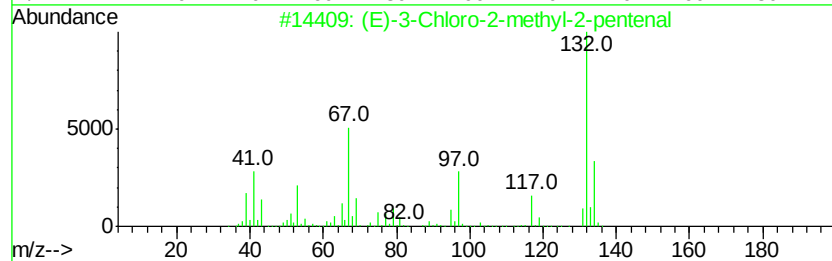
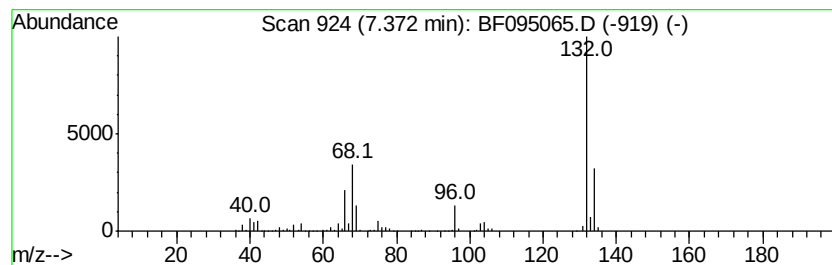
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown7.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	61.66 ng	1397140	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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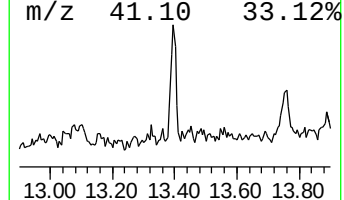
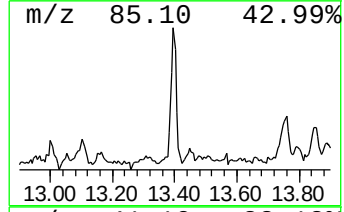
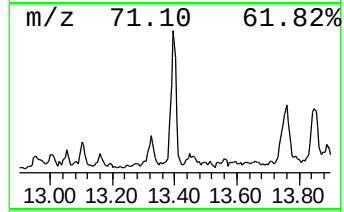
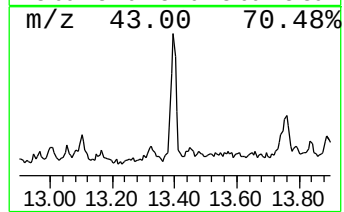
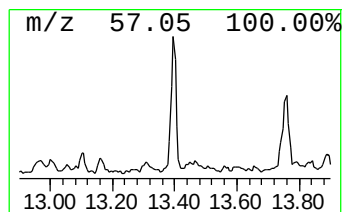
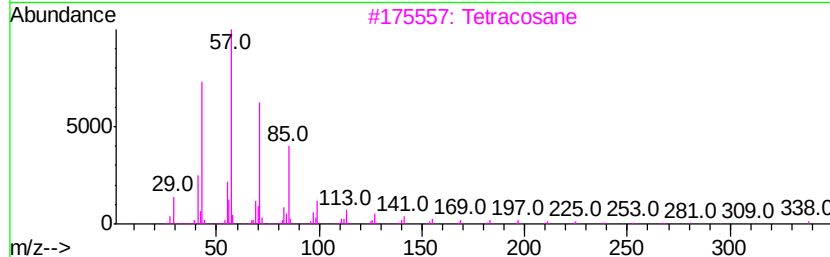
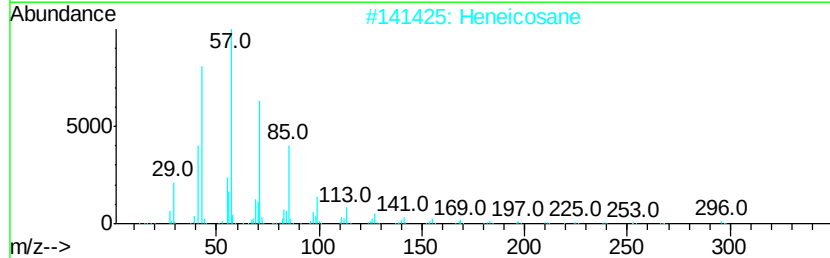
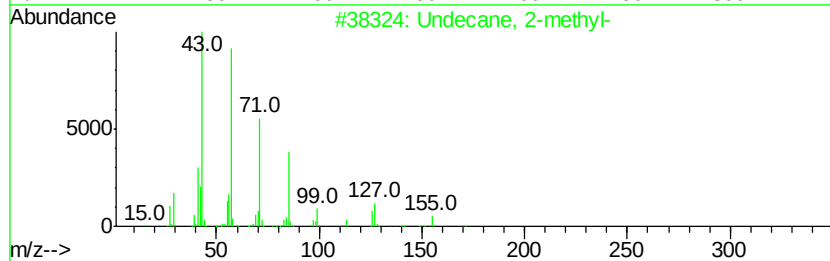
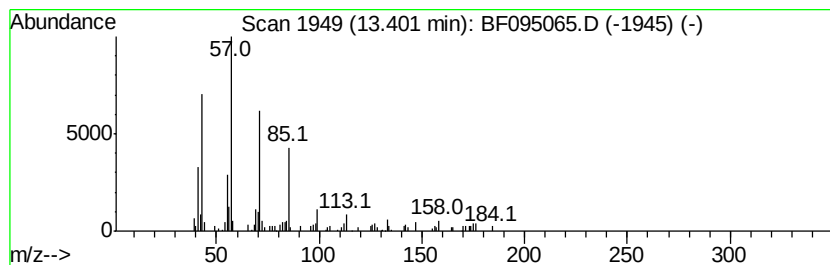
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Undecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.40	3.20 ng	119265	Acenaphthene-d10	12.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	80
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80



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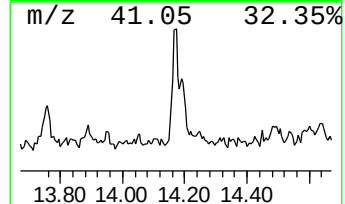
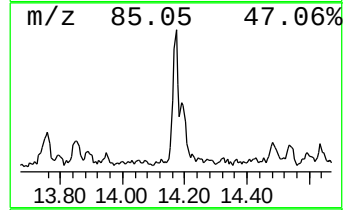
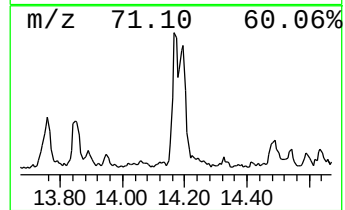
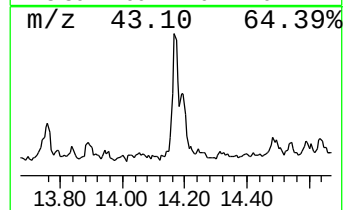
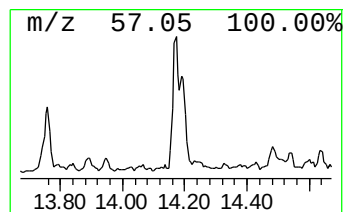
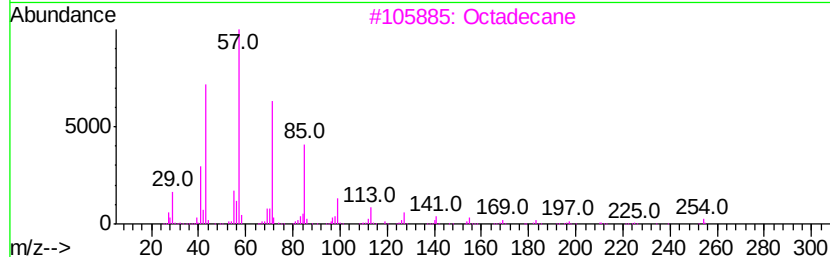
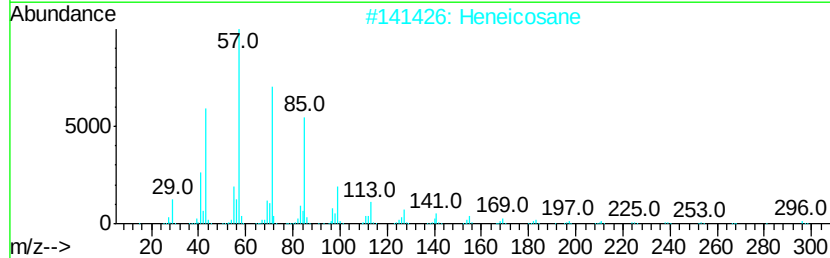
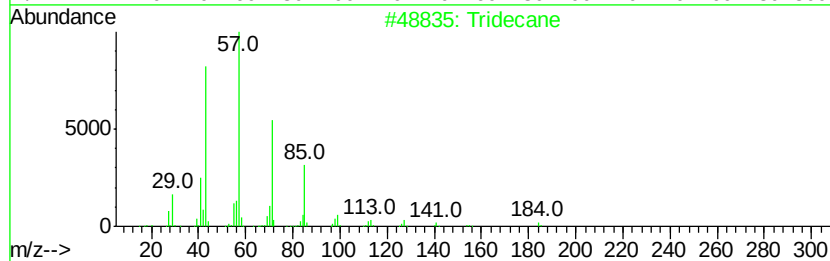
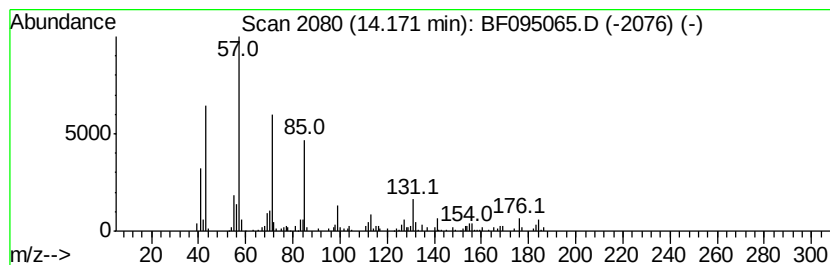
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.17	4.02 ng	161986	Phenanthrene-d10		14.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Heneicosane	296	C21H44	000629-94-7	81
3	Octadecane	254	C18H38	000593-45-3	74
4	Hentriacontane	437	C31H64	000630-04-6	72
5	Hexadecane	226	C16H34	000544-76-3	72



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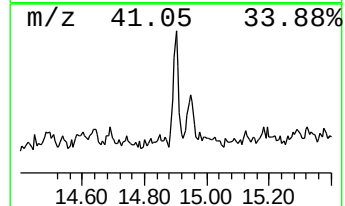
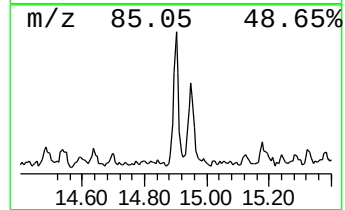
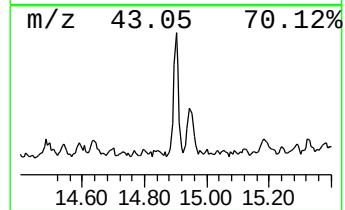
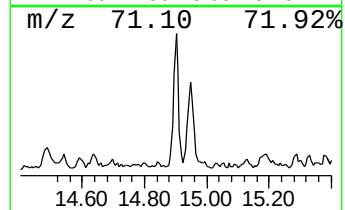
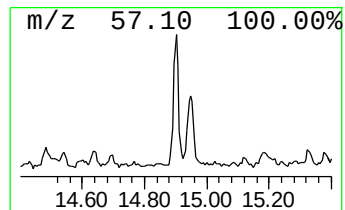
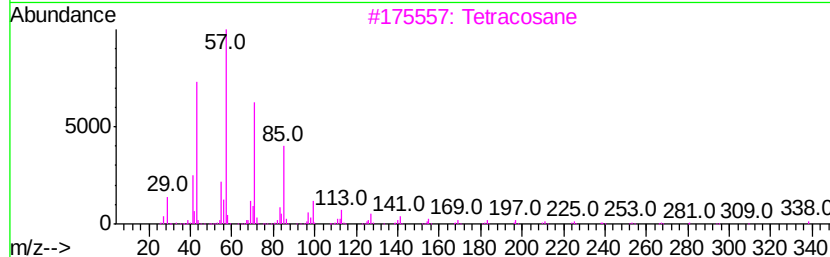
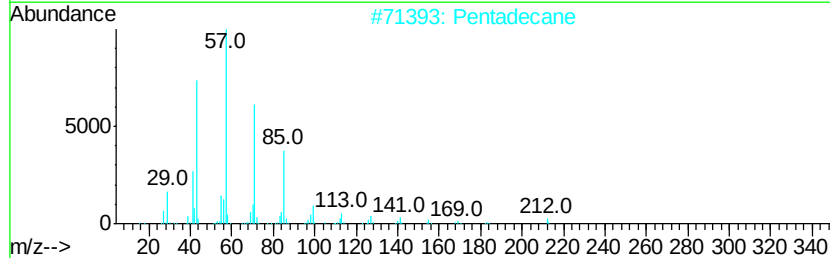
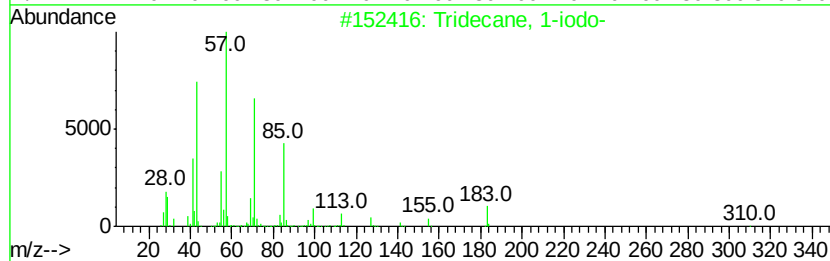
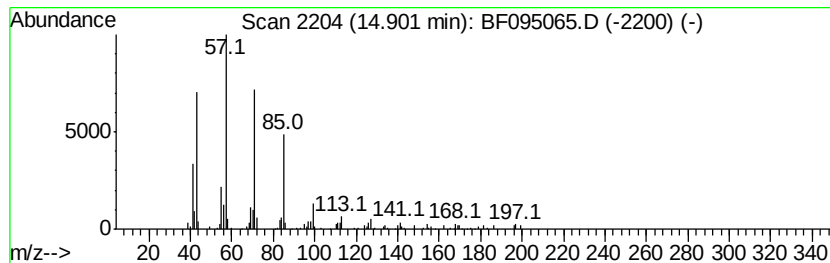
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.90	3.05 ng	122812	Phenanthrene-d10	14.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Undecane, 5-ethyl-5-propyl-	226	C16H34	002755-07-9	86
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
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Acq On : 10 May 2017 20:06
Operator : SJ/MA
Sample : I3039-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
INFLUENT-5-5-17

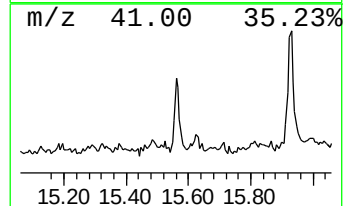
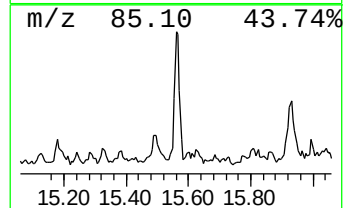
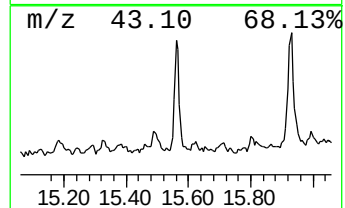
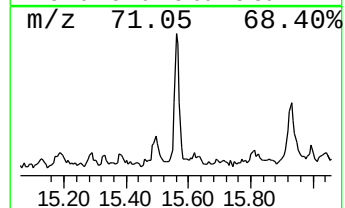
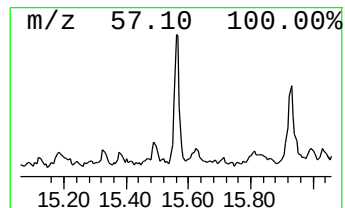
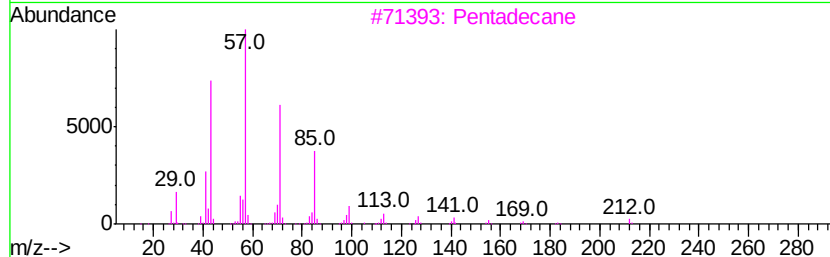
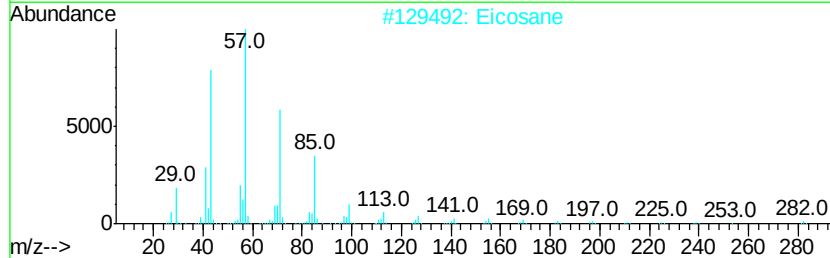
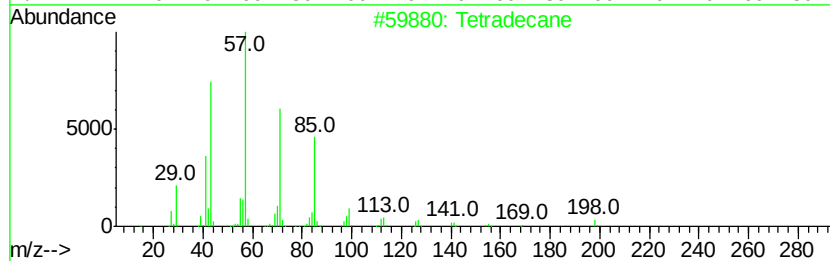
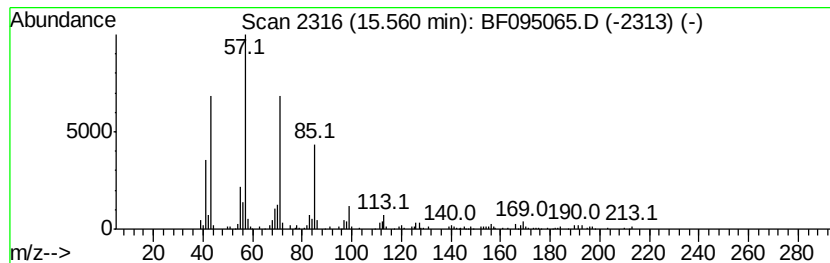
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	3.38 ng	136100	Phenanthrene-d10	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	87
2		Eicosane	282	C20H42	000112-95-8	87
3		Pentadecane	212	C15H32	000629-62-9	86
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
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Acq On : 10 May 2017 20:06
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Sample : I3039-01
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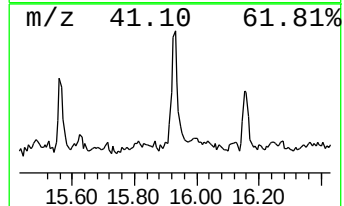
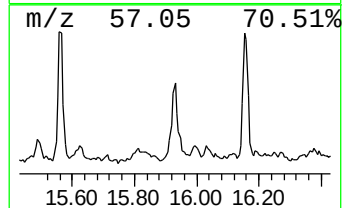
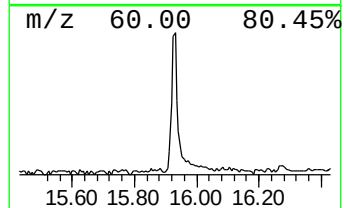
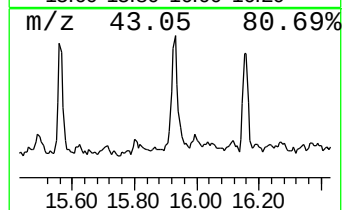
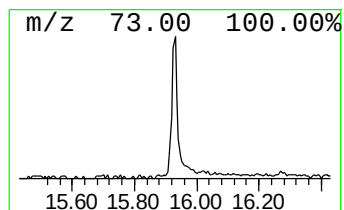
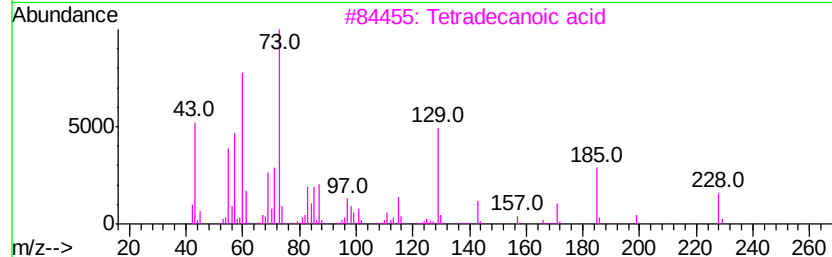
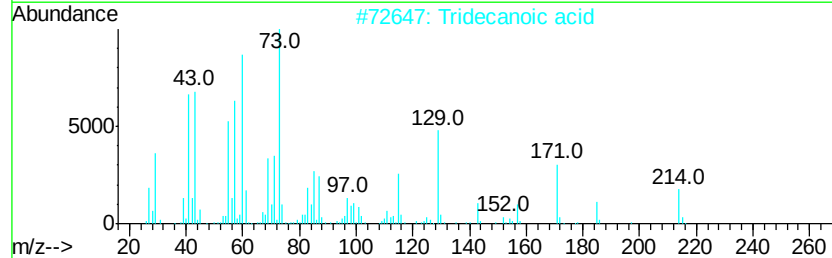
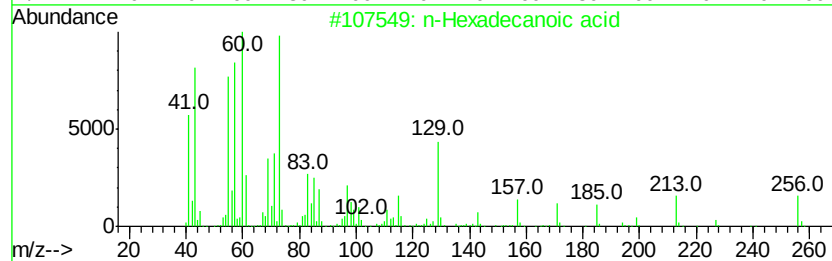
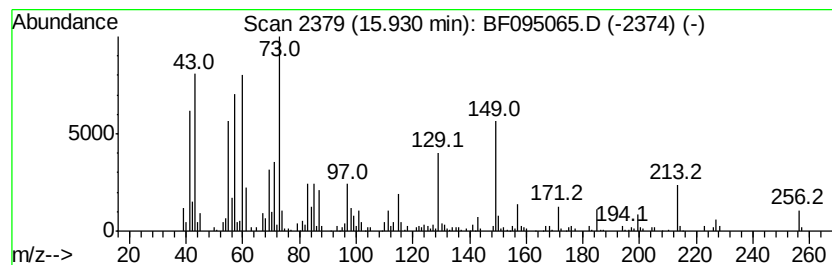
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.93	6.92 ng	278893	Phenanthrene-d10		14.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5		Dodecanoic acid	200	C12H24O2	000143-07-7	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095065.D
Acq On : 10 May 2017 20:06
Operator : SJ/MA
Sample : I3039-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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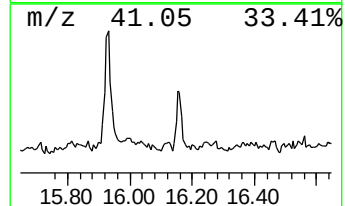
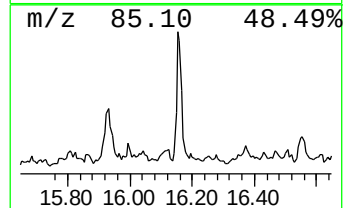
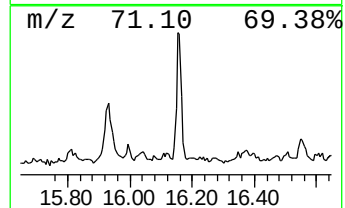
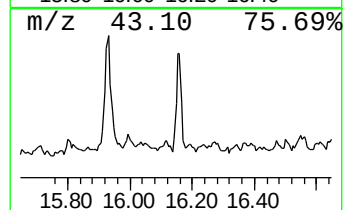
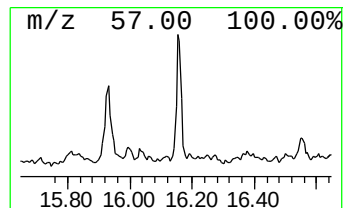
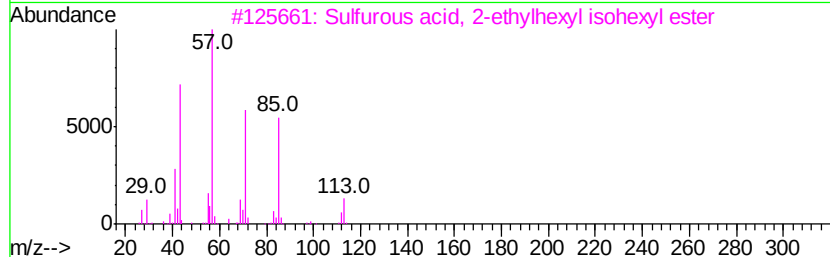
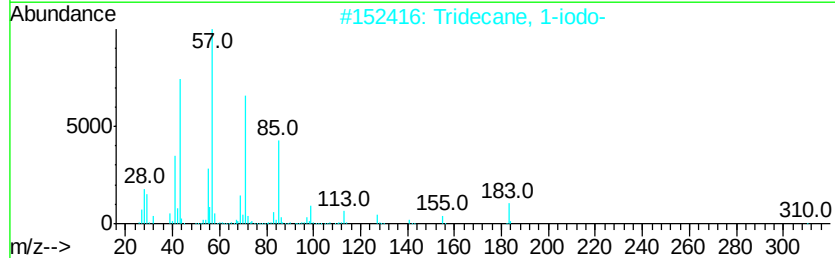
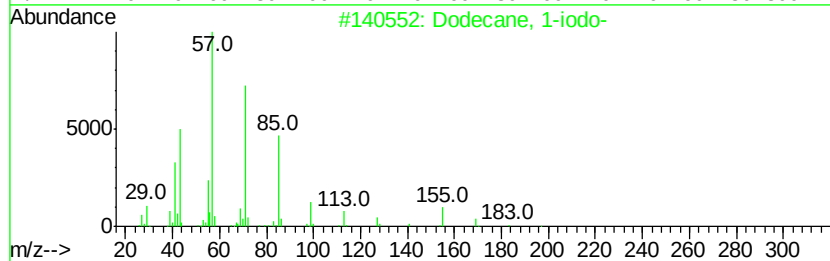
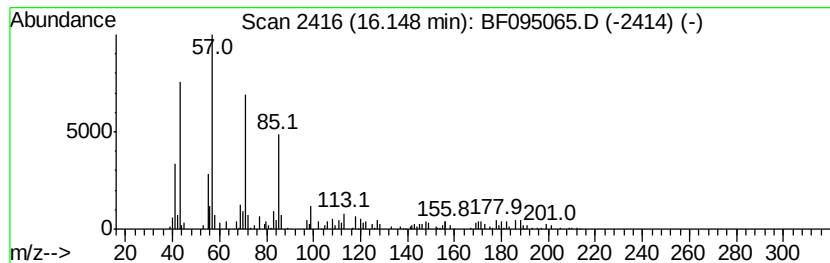
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Dodecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	3.02 ng	121658	Phenanthrene-d10	14.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4		Heptacosane	380	C27H56	000593-49-7	62
5		Octacosane	394	C28H58	000630-02-4	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
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Operator : SJ/MA
Sample : I3039-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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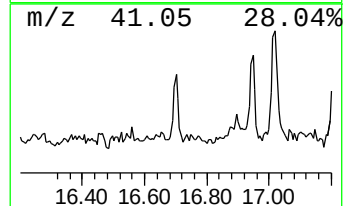
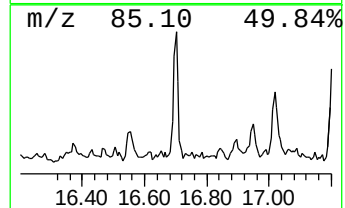
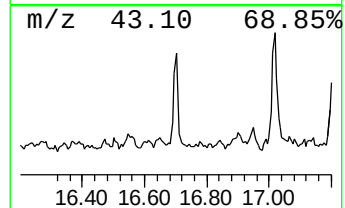
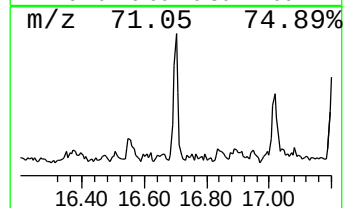
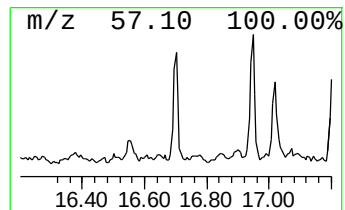
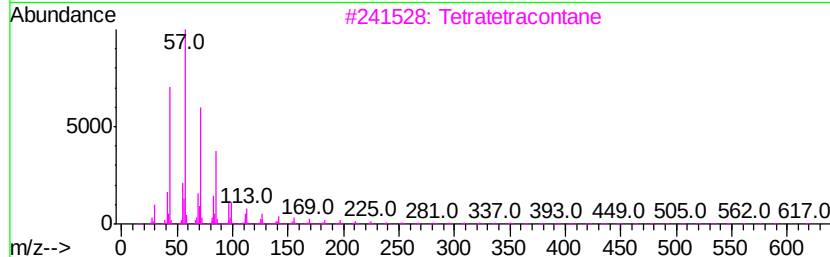
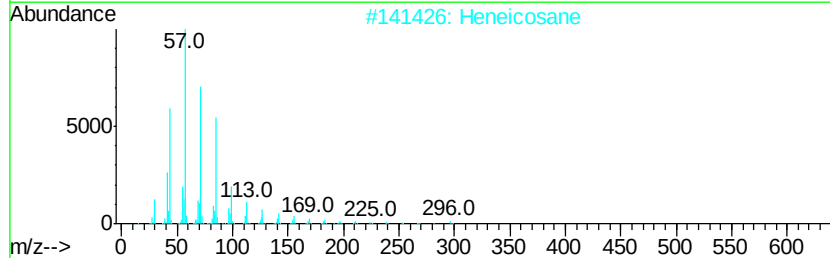
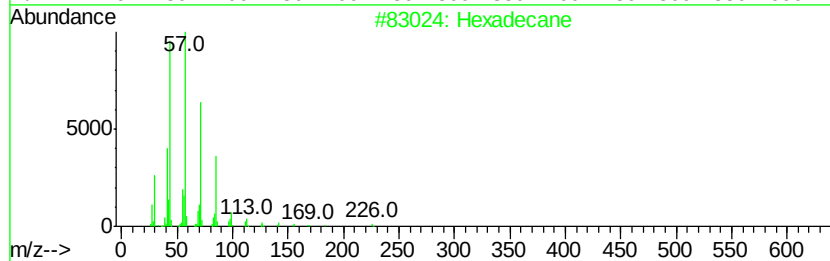
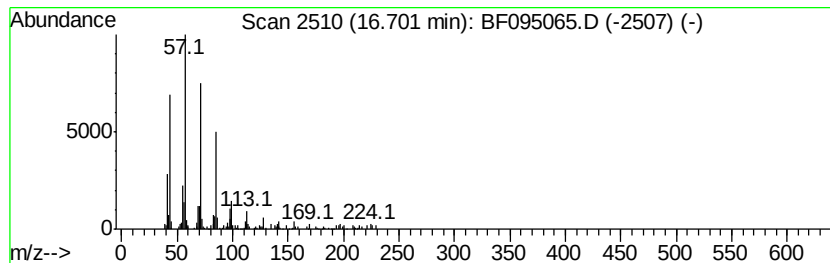
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.62 ng	105586	Phenanthrene-d10	14.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Heneicosane	296	C21H44	000629-94-7	90
3			Tetratetracontane	619	C44H90	007098-22-8	87
4			Tetracosane	338	C24H50	000646-31-1	87
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095065.D
Acq On : 10 May 2017 20:06
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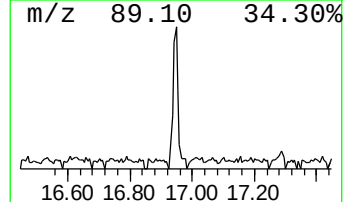
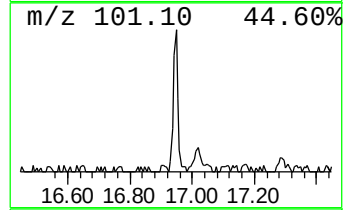
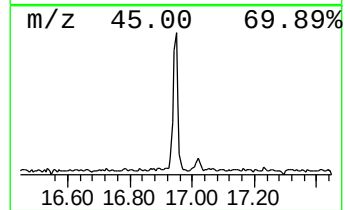
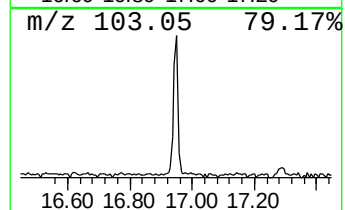
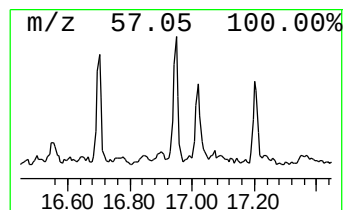
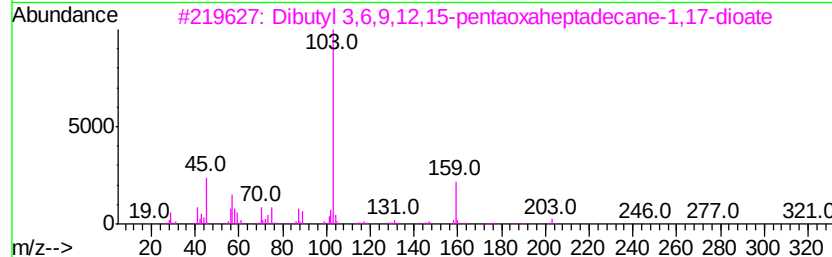
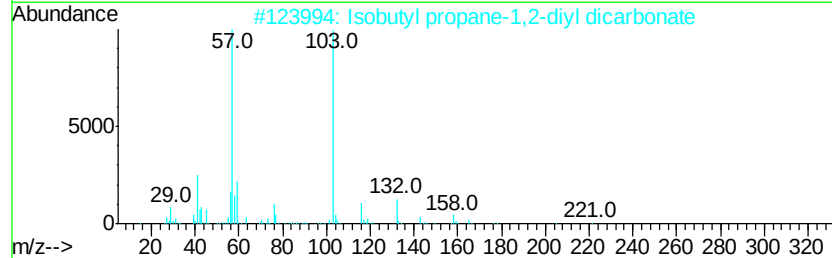
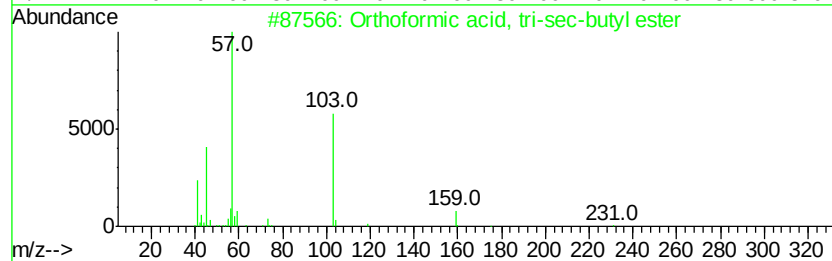
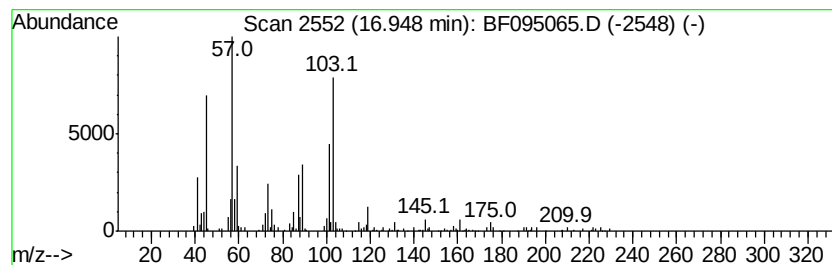
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown16.95 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	4.59 ng	155753	Chrysene-d12	18.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Orthoformic acid, tri-sec-butyl ...	232	C13H28O3	016754-48-6	38
2			Isobutyl propane-1,2-diyl dicarb...	276	C13H24O6	1000372-79-7	27
3			Dibutyl 3,6,9,12,15-pentaoxahept...	422	C20H38O9	1000366-80-1	27
4			1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	25
5			Ethanethioamide, N,N-dimethyl-	103	C4H9NS	000631-67-4	25



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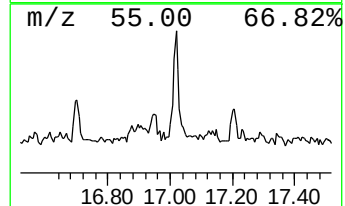
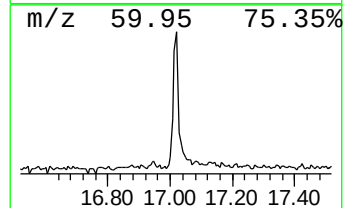
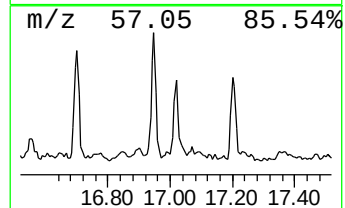
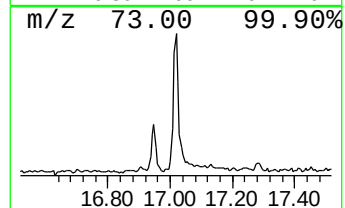
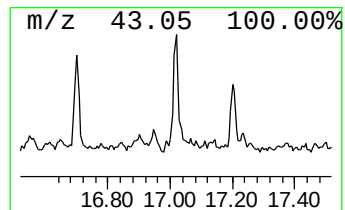
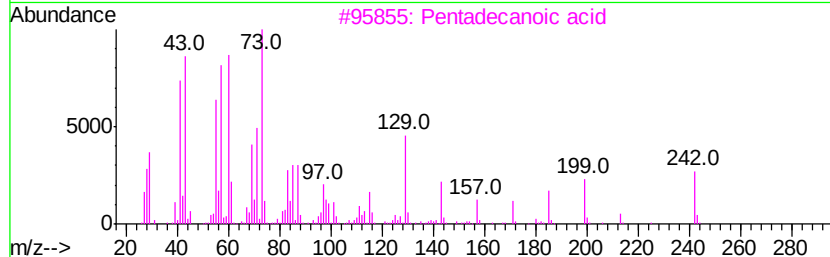
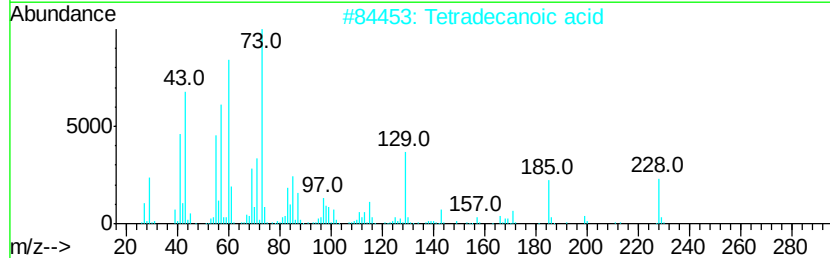
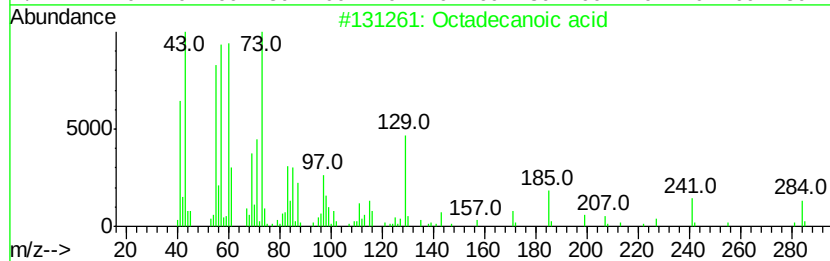
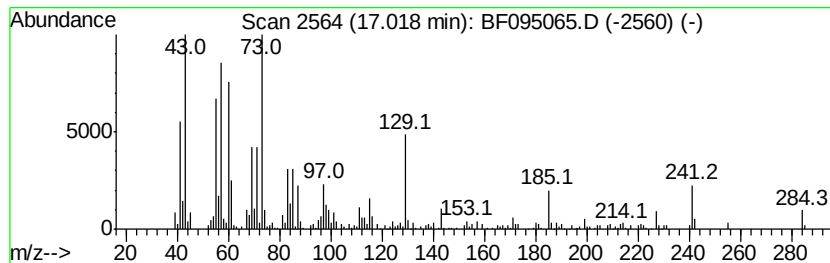
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.02	6.72 ng	228141	Chrysene-d12	18.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76



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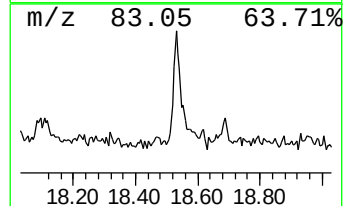
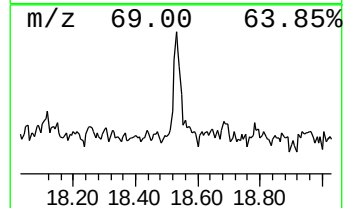
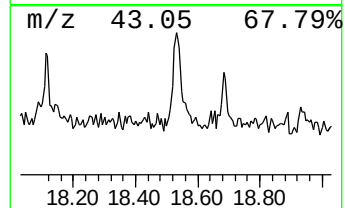
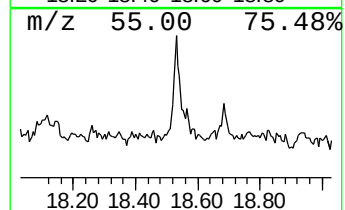
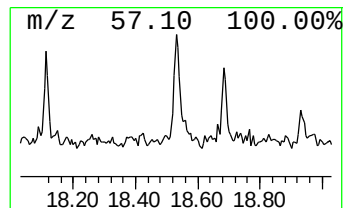
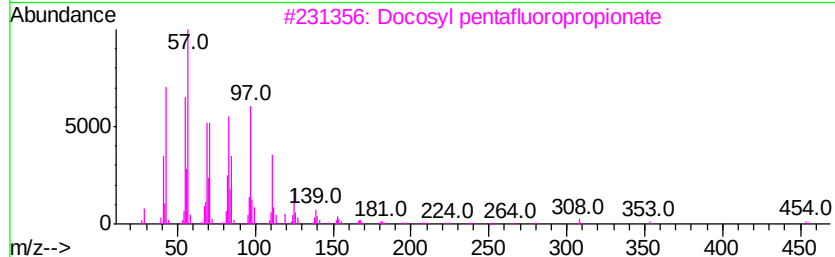
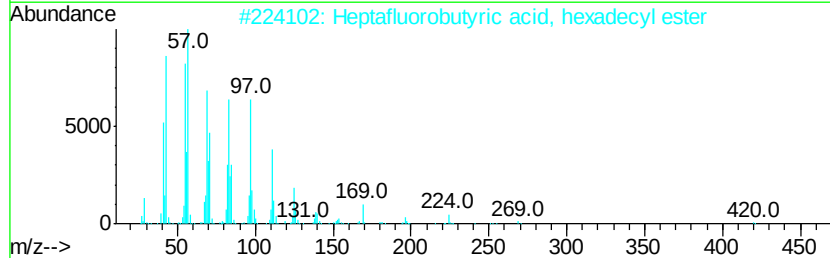
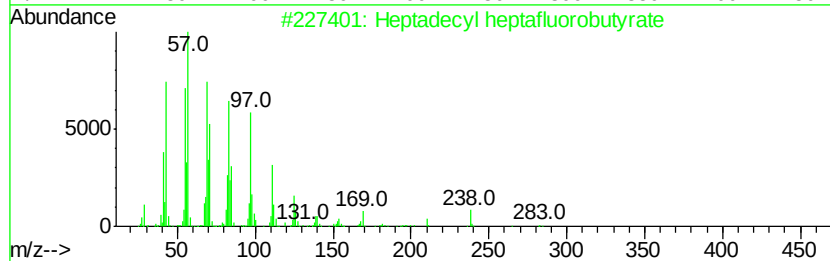
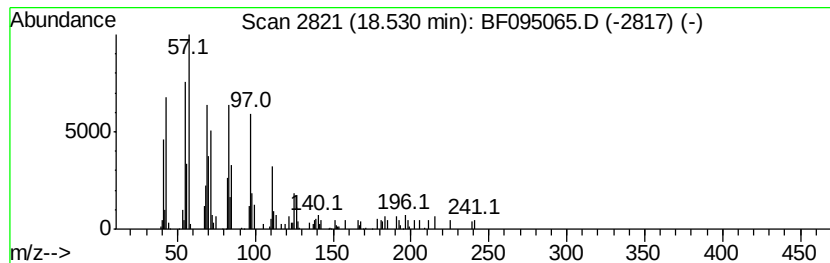
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecyl heptafluorobutyrate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	3.63 ng	123108	Chrysene-d12	18.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2		Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
3		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	90
4		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	90
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051017\
 Data File : BF095065.D
 Acq On : 10 May 2017 20:06
 Operator : SJ/MA
 Sample : I3039-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INFLUENT-5-5-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.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
2-Pentanone, 4-hy...	4.98	7.9 ng		178305	1	7.71	453187	20.0
unknown7.37	7.37	61.7 ng		1397140	1	7.71	453187	20.0
Undecane, 2-methyl-	13.40	3.2 ng		119265	3	12.55	745143	20.0
Tridecane	14.17	4.0 ng		161986	4	14.96	805697	20.0
Tridecane, 1-iodo-	14.90	3.0 ng		122812	4	14.96	805697	20.0
Tetradecane	15.56	3.4 ng		136100	4	14.96	805697	20.0
n-Hexadecanoic acid	15.93	6.9 ng		278893	4	14.96	805697	20.0
Dodecane, 1-iodo-	16.15	3.0 ng		121658	4	14.96	805697	20.0
Hexadecane	16.70	2.6 ng		105586	4	14.96	805697	20.0
unknown16.95	16.95	4.6 ng		155753	5	18.63	678702	20.0
Octadecanoic acid	17.02	6.7 ng		228141	5	18.63	678702	20.0
Heptadecyl heptaf...	18.53	3.6 ng		123108	5	18.63	678702	20.0