

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095636.D
 Acq On : 2 Jun 2017 16:20
 Operator : SJ/MA
 Sample : I3413-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R4-COMP

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	4.804	527	530	552	rBV	71308	206423	7.94%	0.833%
2	5.451	637	640	688	rBV	1143463	2416452	92.94%	9.746%
3	7.087	914	918	932	rBV	1404322	2317576	89.14%	9.347%
4	7.192	932	936	946	rVB	1691582	2600073	100.00%	10.486%
5	7.539	990	995	1009	rBV	407561	585803	22.53%	2.363%
6	7.775	1030	1035	1057	rBV	1305577	1875803	72.14%	7.565%
7	8.451	1145	1150	1173	rBV	912136	1469795	56.53%	5.928%
8	9.569	1336	1340	1356	rBV	531567	807611	31.06%	3.257%
9	11.345	1636	1642	1657	rBV	1943111	2557461	98.36%	10.315%
10	12.039	1755	1760	1771	rBV	315071	454989	17.50%	1.835%
11	12.392	1815	1820	1828	rBV2	727193	947879	36.46%	3.823%
12	13.239	1959	1964	1969	rBV	28434	34993	1.35%	0.141%
13	13.310	1969	1976	1984	rVB6	16691	35257	1.36%	0.142%
14	13.598	2019	2025	2028	rBV4	13898	26095	1.00%	0.105%
15	13.692	2036	2041	2057	rBV	902926	1435554	55.21%	5.790%
16	14.010	2089	2095	2097	rBV2	39762	55831	2.15%	0.225%
17	14.739	2214	2219	2223	rBV	32740	43072	1.66%	0.174%
18	14.798	2224	2229	2247	rVB	667562	1045227	40.20%	4.216%
19	14.957	2251	2256	2263	rVB2	16523	31124	1.20%	0.126%
20	15.298	2311	2314	2321	rBV	106670	138947	5.34%	0.560%
21	15.410	2330	2333	2339	rVB2	33565	39876	1.53%	0.161%
22	15.751	2387	2391	2393	rBV2	23360	30396	1.17%	0.123%
23	15.780	2393	2396	2405	rVB5	45726	80211	3.08%	0.323%
24	16.009	2432	2435	2439	rVB	28259	33158	1.28%	0.134%
25	16.486	2512	2516	2526	rBV	309772	395305	15.20%	1.594%
26	16.562	2526	2529	2533	rVV3	27487	35584	1.37%	0.144%
27	16.609	2533	2537	2546	rVB	140992	209257	8.05%	0.844%
28	16.880	2577	2583	2585	rBV6	26353	37272	1.43%	0.150%
29	16.909	2585	2588	2598	rVB	146858	207514	7.98%	0.837%
30	17.145	2623	2628	2637	rVV	1870385	2153985	82.84%	8.687%
31	17.386	2666	2669	2675	rVB	22994	31492	1.21%	0.127%
32	17.533	2689	2694	2697	rVB4	27916	41914	1.61%	0.169%
33	17.933	2756	2762	2765	rBV	57632	71404	2.75%	0.288%
34	18.386	2834	2839	2849	rVB3	82576	141962	5.46%	0.573%

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R4-COMP

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

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35	18.492	2852	2857	2865	rBV	605091	910753	35.03%	3.673%
36	19.186	2970	2975	2982	rBV7	49166	86694	3.33%	0.350%
37	19.368	3002	3006	3010	rBV	49483	63476	2.44%	0.256%
38	19.503	3026	3029	3036	rVB2	21371	29331	1.13%	0.118%
39	19.621	3046	3049	3055	rVB3	29786	39912	1.54%	0.161%
40	19.780	3071	3076	3080	rBV	71423	105187	4.05%	0.424%
41	19.909	3094	3098	3106	rBV2	60061	83207	3.20%	0.336%
42	20.062	3121	3124	3130	rBV	48981	58971	2.27%	0.238%
43	20.121	3130	3134	3138	rBV	56529	65587	2.52%	0.265%
44	20.168	3138	3142	3153	rVV	395263	587226	22.58%	2.368%
45	20.603	3211	3216	3220	rBV2	34689	50437	1.94%	0.203%
46	21.456	3355	3361	3367	rBV3	29125	60486	2.33%	0.244%
47	21.821	3416	3423	3430	rBV4	24631	58212	2.24%	0.235%

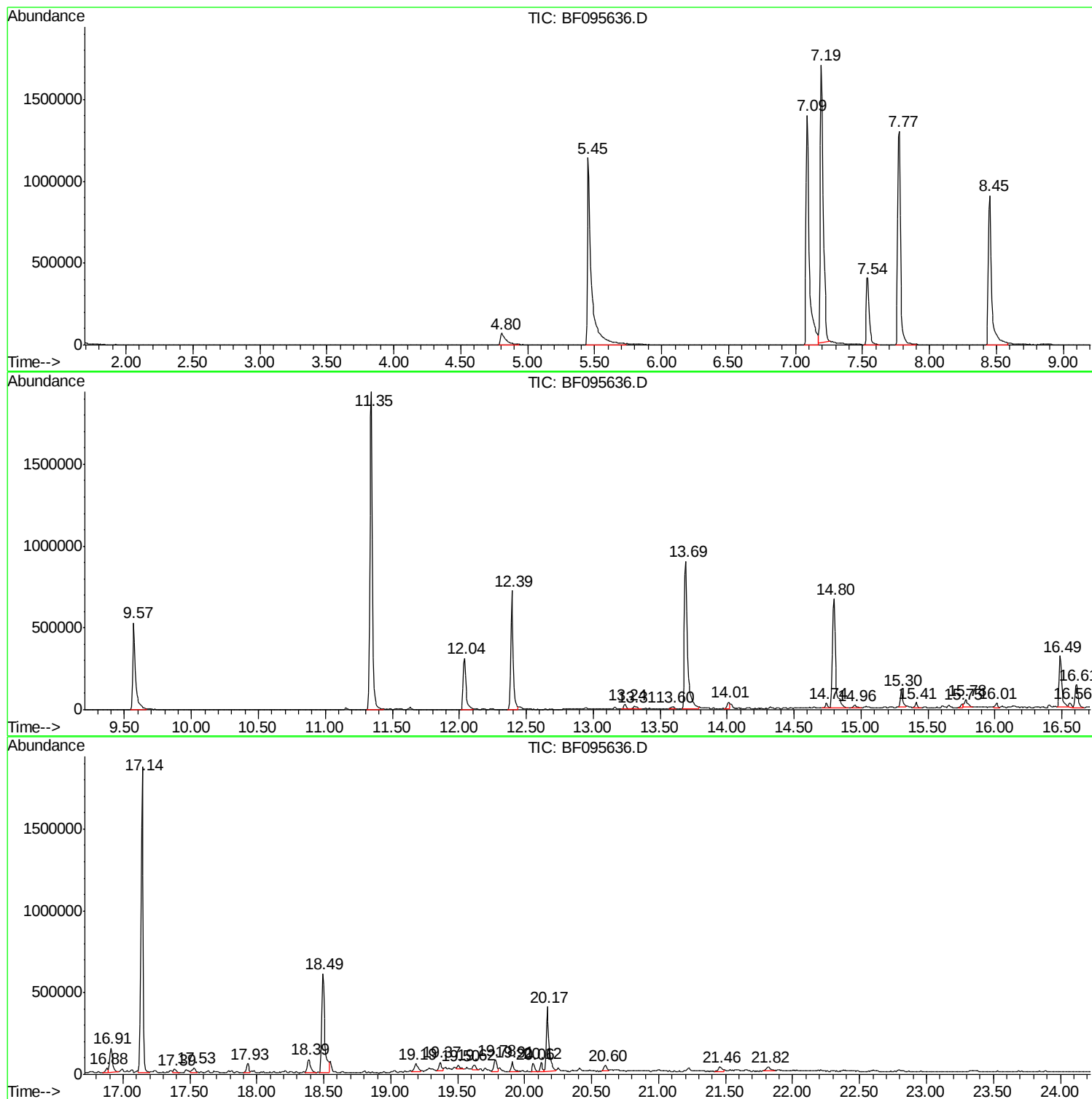
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ClientSampled :
R4-COMP

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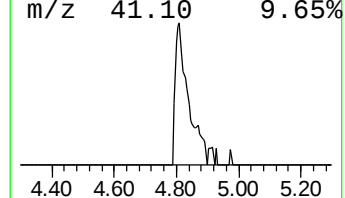
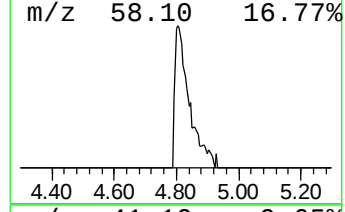
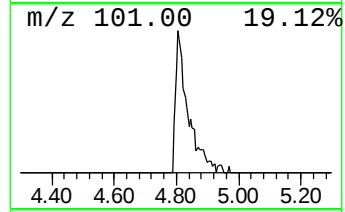
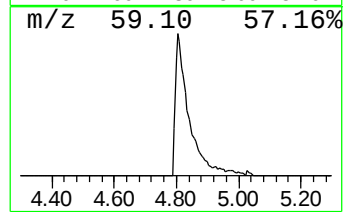
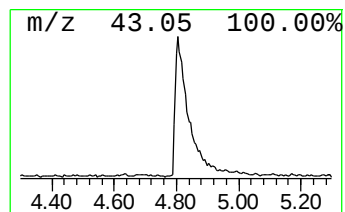
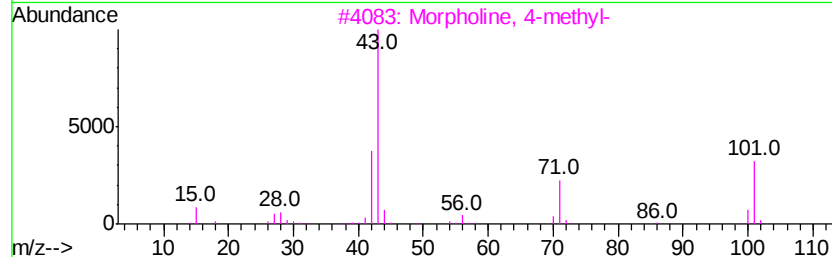
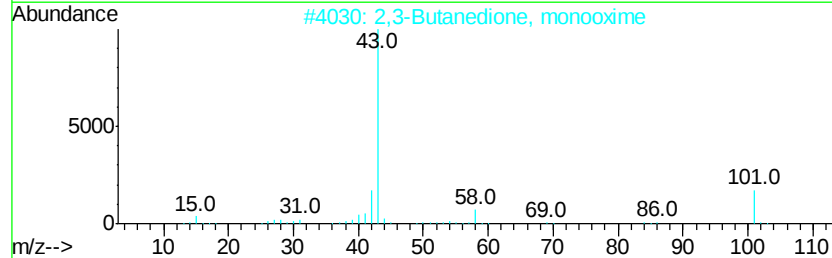
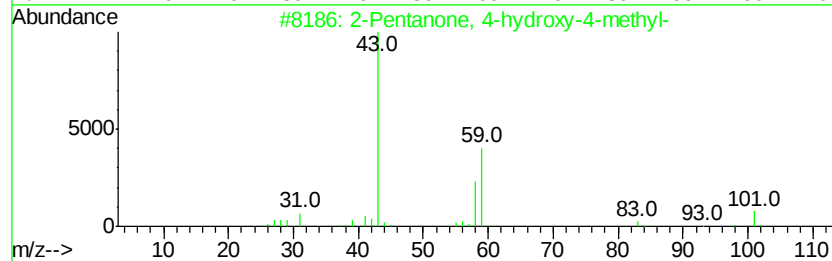
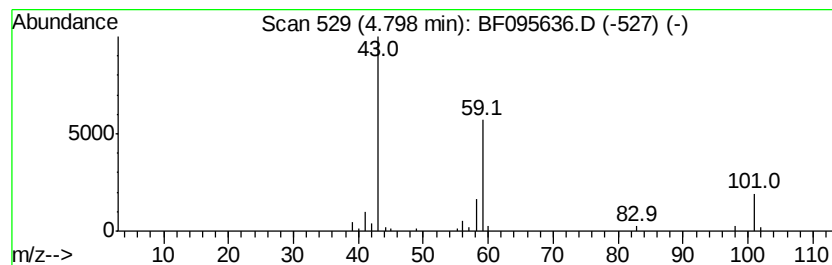
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	7.05 ng	206423	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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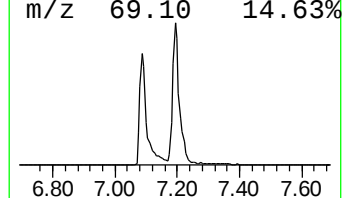
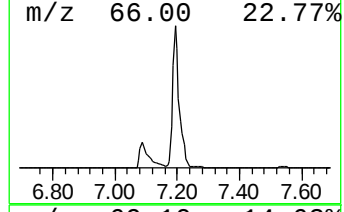
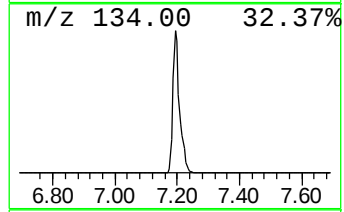
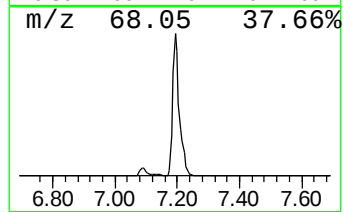
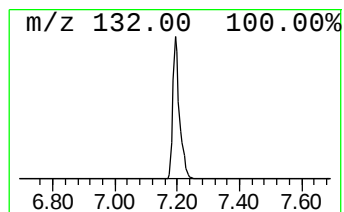
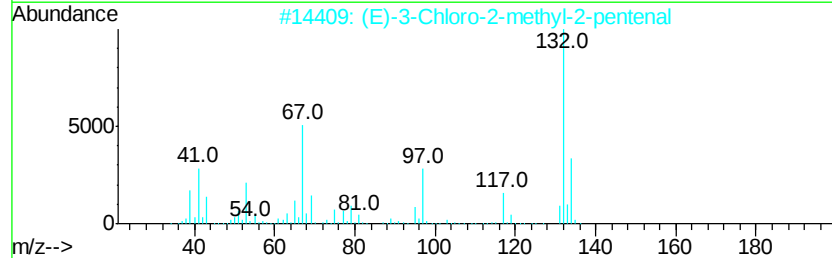
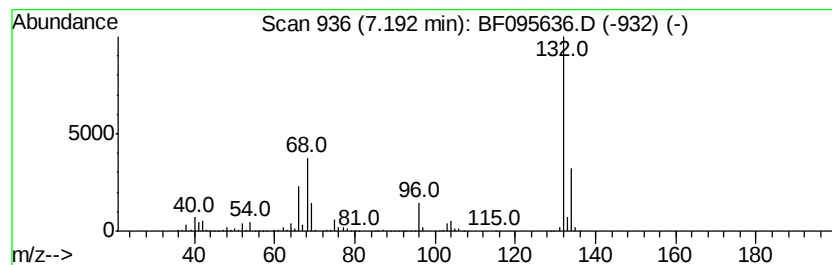
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	88.77 ng	2600070	1,4-Dichlorobenzene-d4	7.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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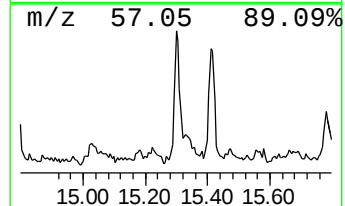
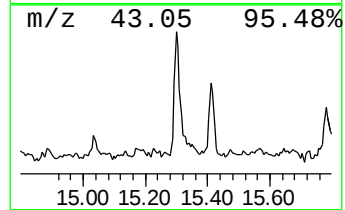
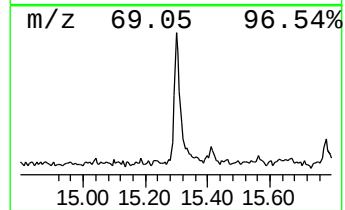
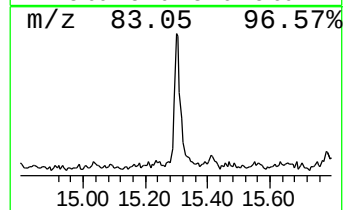
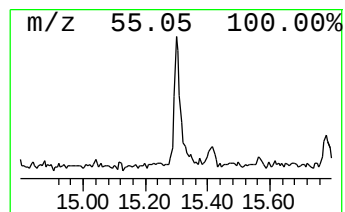
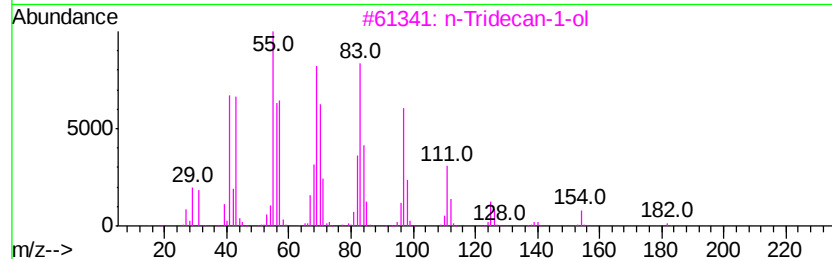
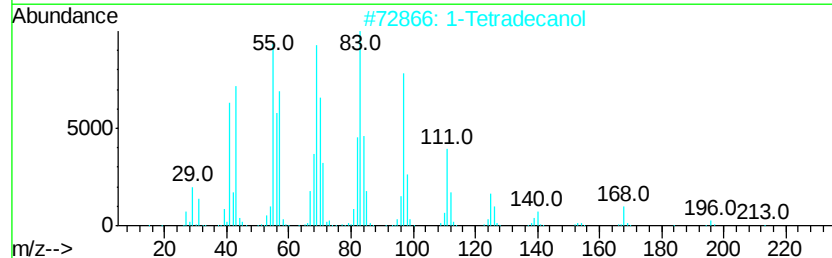
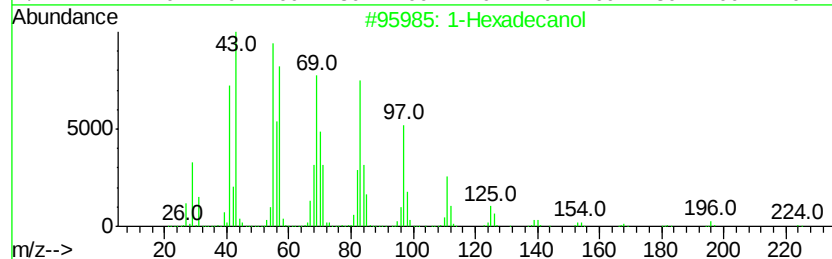
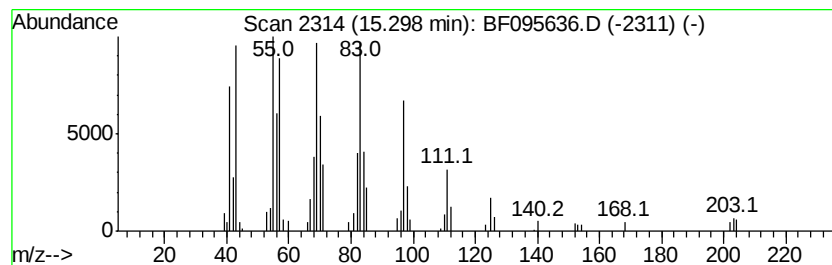
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 1-Hexadecanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.30	2.66 ng	138947	Phenanthrene-d10		14.80
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanol	242	C16H34O	036653-82-4	94
2	1-Tetradecanol	214	C14H30O	000112-72-1	91
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	91
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	Cyclododecane	168	C12H24	000294-62-2	91



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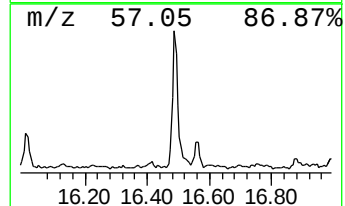
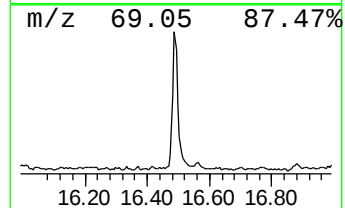
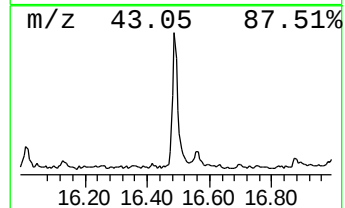
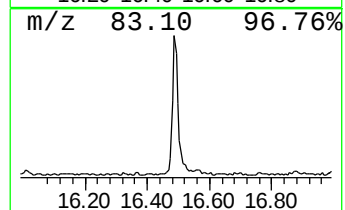
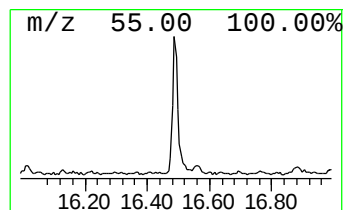
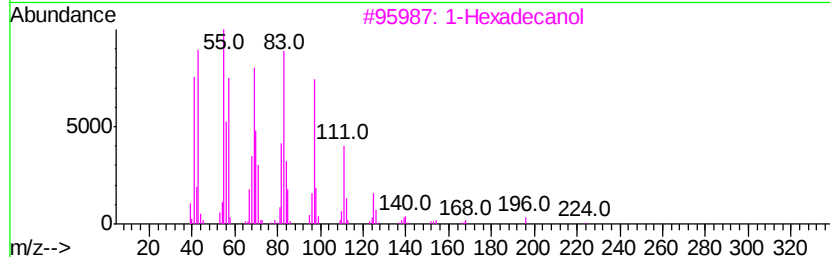
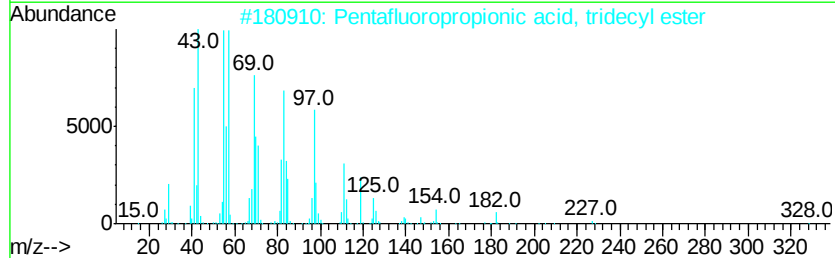
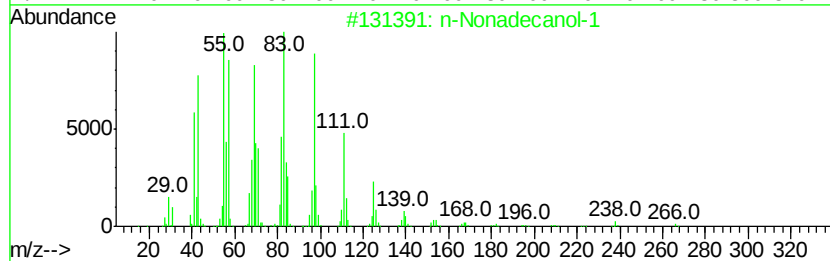
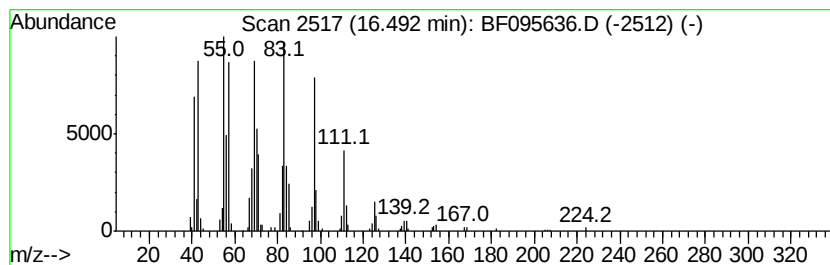
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Nonadecanol-1 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	7.56 ng	395305	Phenanthrene-d10	14.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Nonadecanol-1	284	C19H40O	001454-84-8	94
2		Pentafluoropropionic acid, tridecyl ester	346	C16H27F5O2	959261-22-4	93
3		1-Hexadecanol	242	C16H34O	036653-82-4	93
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5		Trichloroacetic acid, pentadecyl ester	372	C17H31Cl3O2	074339-53-0	91



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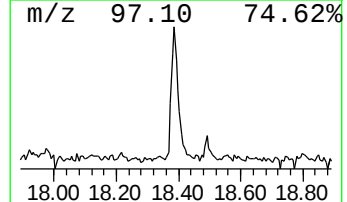
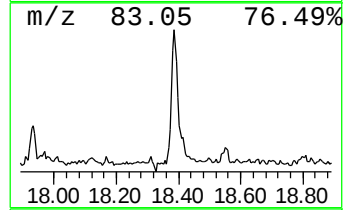
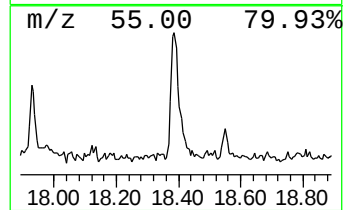
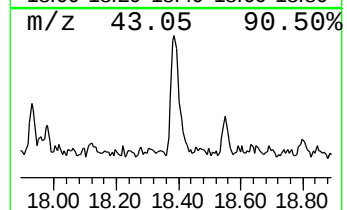
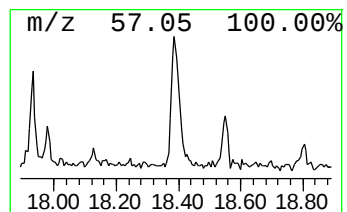
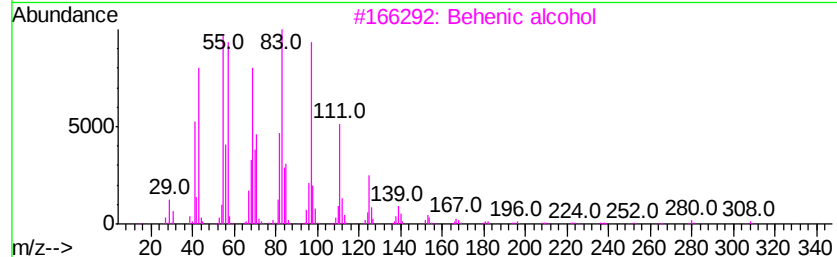
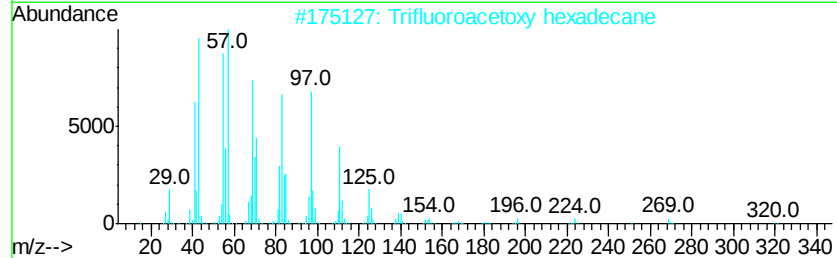
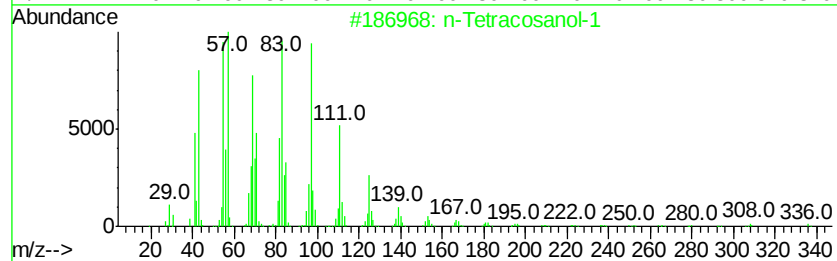
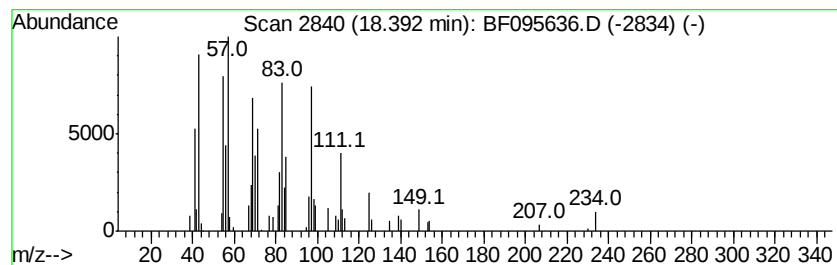
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.39	3.12 ng	141962	Chrysene-d12	18.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
3	Behenic alcohol	326	C22H46O	000661-19-8	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	93
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095636.D
Acq On : 2 Jun 2017 16:20
Operator : SJ/MA
Sample : I3413-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R4-COMP

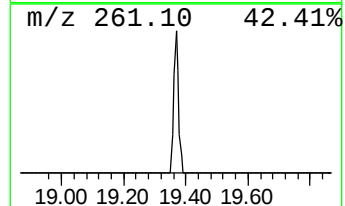
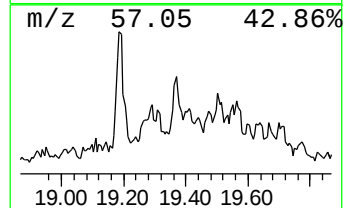
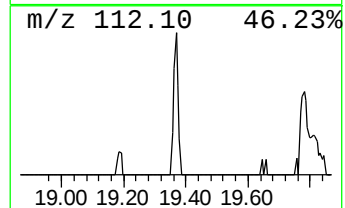
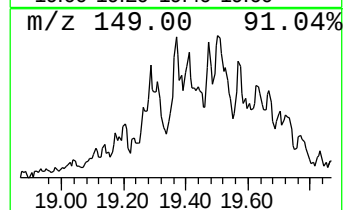
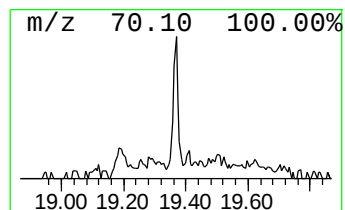
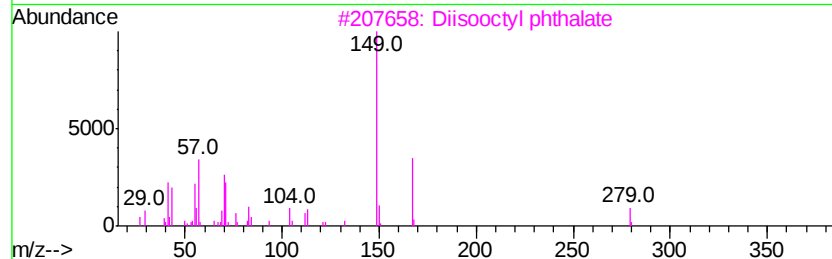
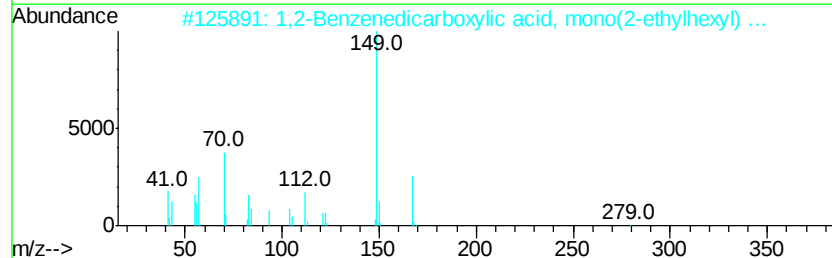
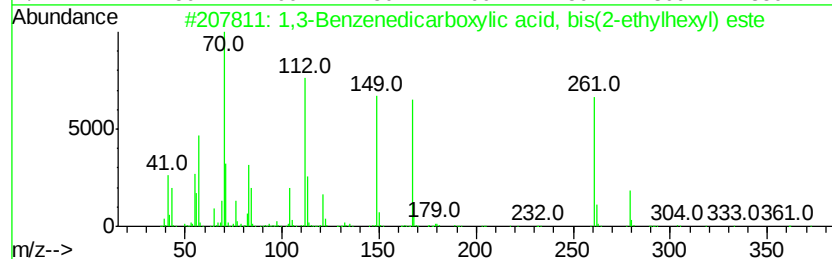
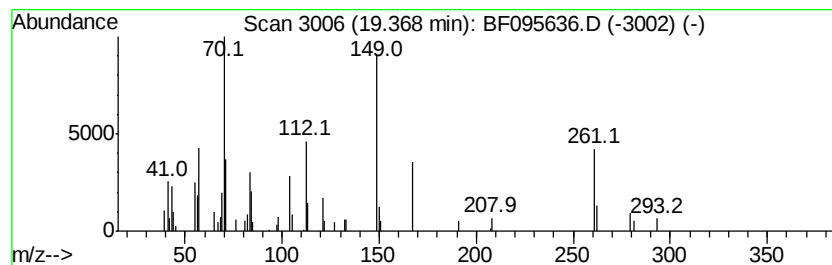
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown19.37 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.16 ng	63476	Perylene-d12	20.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	43
2		1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	38
3		Diisooctyl phthalate	390	C24H38O4	000131-20-4	27
4		Di-n-octyl phthalate	390	C24H38O4	000117-84-0	27
5		9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095636.D
Acq On : 2 Jun 2017 16:20
Operator : SJ/MA
Sample : I3413-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R4-COMP

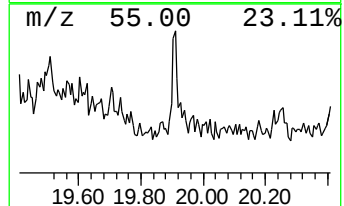
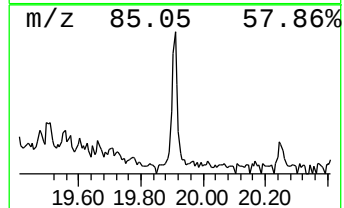
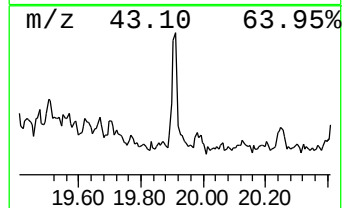
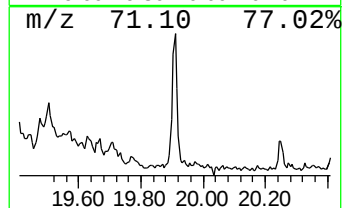
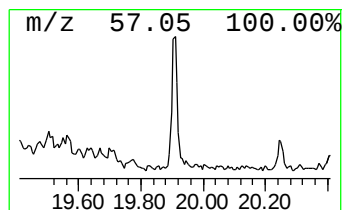
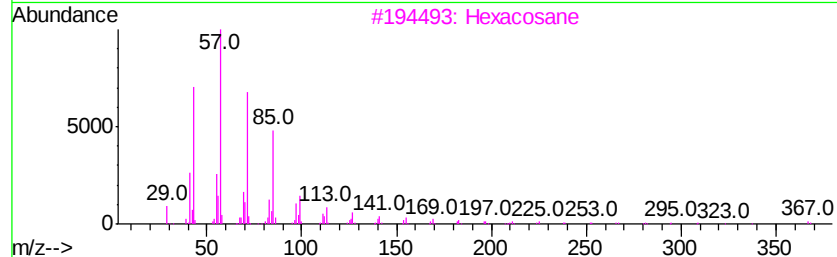
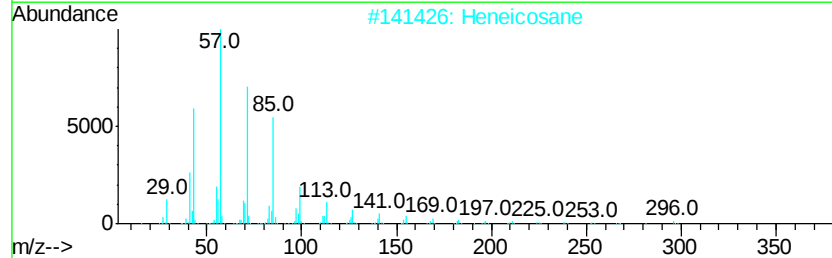
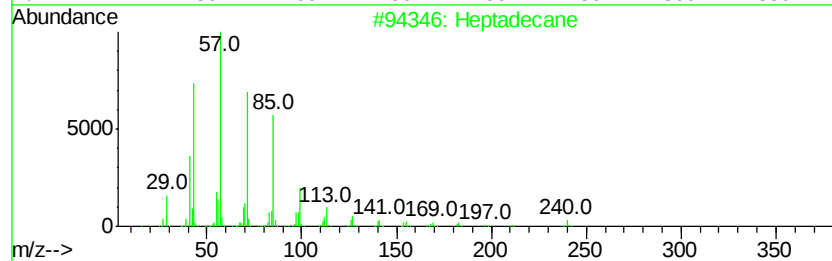
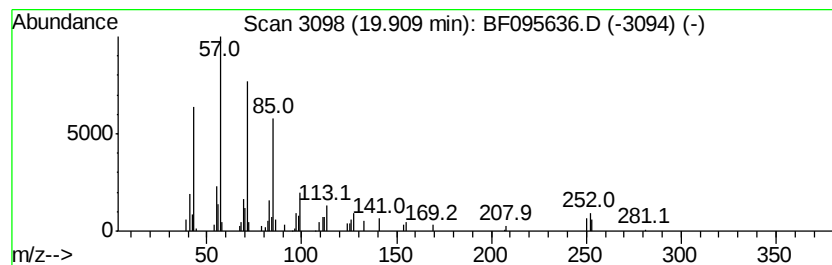
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	2.83 ng	83207	Perylene-d12	20.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Hexadecane	226	C16H34	000544-76-3	87
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095636.D
Acq On : 2 Jun 2017 16:20
Operator : SJ/MA
Sample : I3413-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

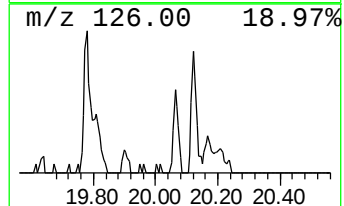
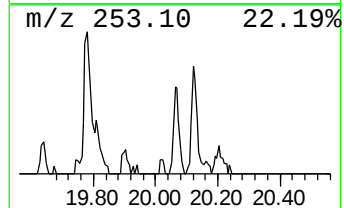
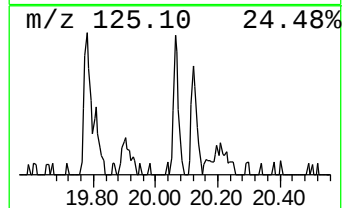
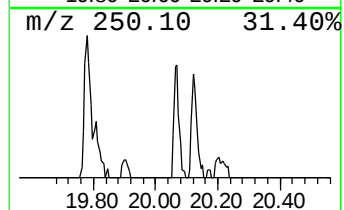
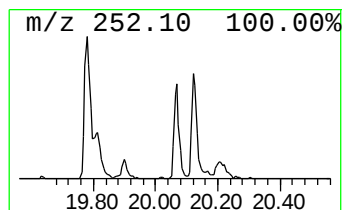
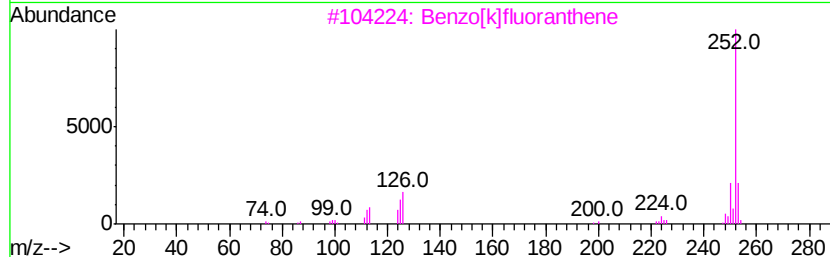
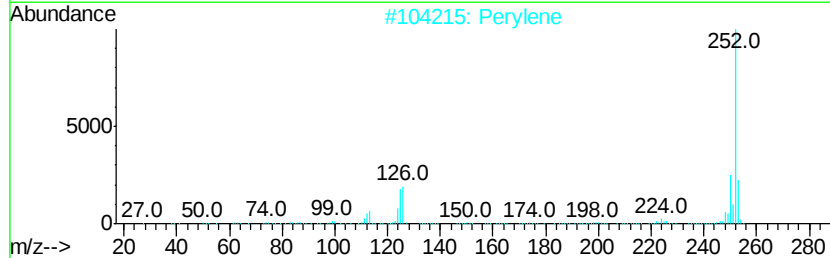
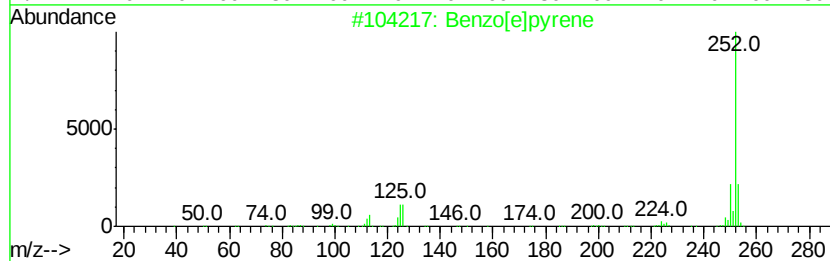
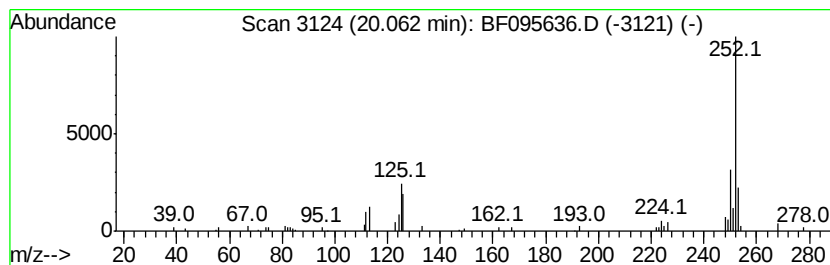
Instrument :
BNA_F
ClientSampleId :
R4-COMP

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 9 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.06	2.01 ng	58971	Perylene-d12	20.17	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[el]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[el]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060217\
Data File : BF095636.D
Acq On : 2 Jun 2017 16:20
Operator : SJ/MA
Sample : I3413-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R4-COMP

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...	4.80	7.0	ng	206423	1	7.54	585803	20.0
unknown7.19	7.19	88.8	ng	2600070	1	7.54	585803	20.0
1-Hexadecanol	15.30	2.7	ng	138947	4	14.80	1045230	20.0
n-Nonadecanol-1	16.49	7.6	ng	395305	4	14.80	1045230	20.0
n-Tetracosanol-1	18.39	3.1	ng	141962	5	18.49	910753	20.0
unknown19.37	19.37	2.2	ng	63476	6	20.17	587226	20.0
Heptadecane	19.91	2.8	ng	83207	6	20.17	587226	20.0
Benzo[e]pyrene	20.06	2.0	ng	58971	6	20.17	587226	20.0