

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
 Data File : BF096162.D
 Acq On : 23 Jun 2017 16:34
 Operator : SJ/MA
 Sample : I3800-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-STONE-DUST

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	1.540	7	9	41	rVB	1021803	1997253	100.00%	15.561%
2	4.428	495	500	515	rBV	30260	96038	4.81%	0.748%
3	5.163	622	625	654	rBV	143941	516599	25.87%	4.025%
4	6.845	908	911	921	rBV	211963	517201	25.90%	4.030%
5	6.922	921	924	945	rVB	389887	922243	46.18%	7.186%
6	7.263	978	982	997	rBV	233702	362443	18.15%	2.824%
7	7.492	1017	1021	1038	rBV	414277	663647	33.23%	5.171%
8	8.186	1136	1139	1169	rBV	190860	473033	23.68%	3.686%
9	9.298	1323	1328	1343	rBV	287930	505171	25.29%	3.936%
10	11.068	1625	1629	1650	rBV	817363	1096414	54.90%	8.543%
11	11.786	1748	1751	1765	rBV	26982	49930	2.50%	0.389%
12	12.115	1802	1807	1813	rBV2	411654	579473	29.01%	4.515%
13	12.163	1813	1815	1825	rVB3	19332	35015	1.75%	0.273%
14	13.033	1958	1963	1973	rBV	15427	25898	1.30%	0.202%
15	13.415	2024	2028	2044	rBV	172698	343814	17.21%	2.679%
16	13.739	2076	2083	2091	rBV2	20578	40596	2.03%	0.316%
17	14.504	2209	2213	2217	rVV	442532	592631	29.67%	4.617%
18	14.545	2217	2220	2231	rVB	154697	286026	14.32%	2.229%
19	14.662	2236	2240	2251	rVB	24326	46773	2.34%	0.364%
20	14.992	2289	2296	2301	rBV2	9090	23382	1.17%	0.182%
21	15.039	2301	2304	2309	rVV3	17850	24643	1.23%	0.192%
22	15.333	2345	2354	2358	rBV	22656	34168	1.71%	0.266%
23	15.380	2358	2362	2372	rVV2	26230	41404	2.07%	0.323%
24	15.480	2372	2379	2385	rVV3	25977	60270	3.02%	0.470%
25	15.527	2385	2387	2397	rVB3	15815	30433	1.52%	0.237%
26	16.250	2503	2510	2517	rBV2	92640	136586	6.84%	1.064%
27	16.345	2519	2526	2533	rVV	213157	306996	15.37%	2.392%
28	16.645	2573	2577	2585	rBV	224582	324683	16.26%	2.530%
29	16.892	2615	2619	2629	rVB	907215	1072768	53.71%	8.358%
30	16.986	2629	2635	2642	rBV9	17686	39255	1.97%	0.306%
31	17.092	2650	2653	2657	rBV6	12751	22673	1.14%	0.177%
32	17.133	2657	2660	2665	rVB2	21678	30868	1.55%	0.241%
33	17.221	2671	2675	2679	rBV3	19413	27356	1.37%	0.213%
34	17.268	2679	2683	2687	rBV5	25632	41846	2.10%	0.326%

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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

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35	18.150	2829	2833	2839	rBV5	40295	76253	3.82%	0.594%
36	18.244	2844	2849	2854	rBV2	444369	637254	31.91%	4.965%
37	18.774	2936	2939	2942	rBV4	20359	26339	1.32%	0.205%
38	19.527	3064	3067	3071	rBV	68405	106562	5.34%	0.830%
39	19.821	3113	3117	3123	rBV	50328	64833	3.25%	0.505%
40	19.880	3123	3127	3131	rVV	55041	68187	3.41%	0.531%
41	19.921	3131	3134	3146	rVB	252802	390861	19.57%	3.045%
42	21.121	3333	3338	3345	rVB4	31599	74653	3.74%	0.582%
43	21.438	3389	3392	3397	rBV2	14384	22289	1.12%	0.174%

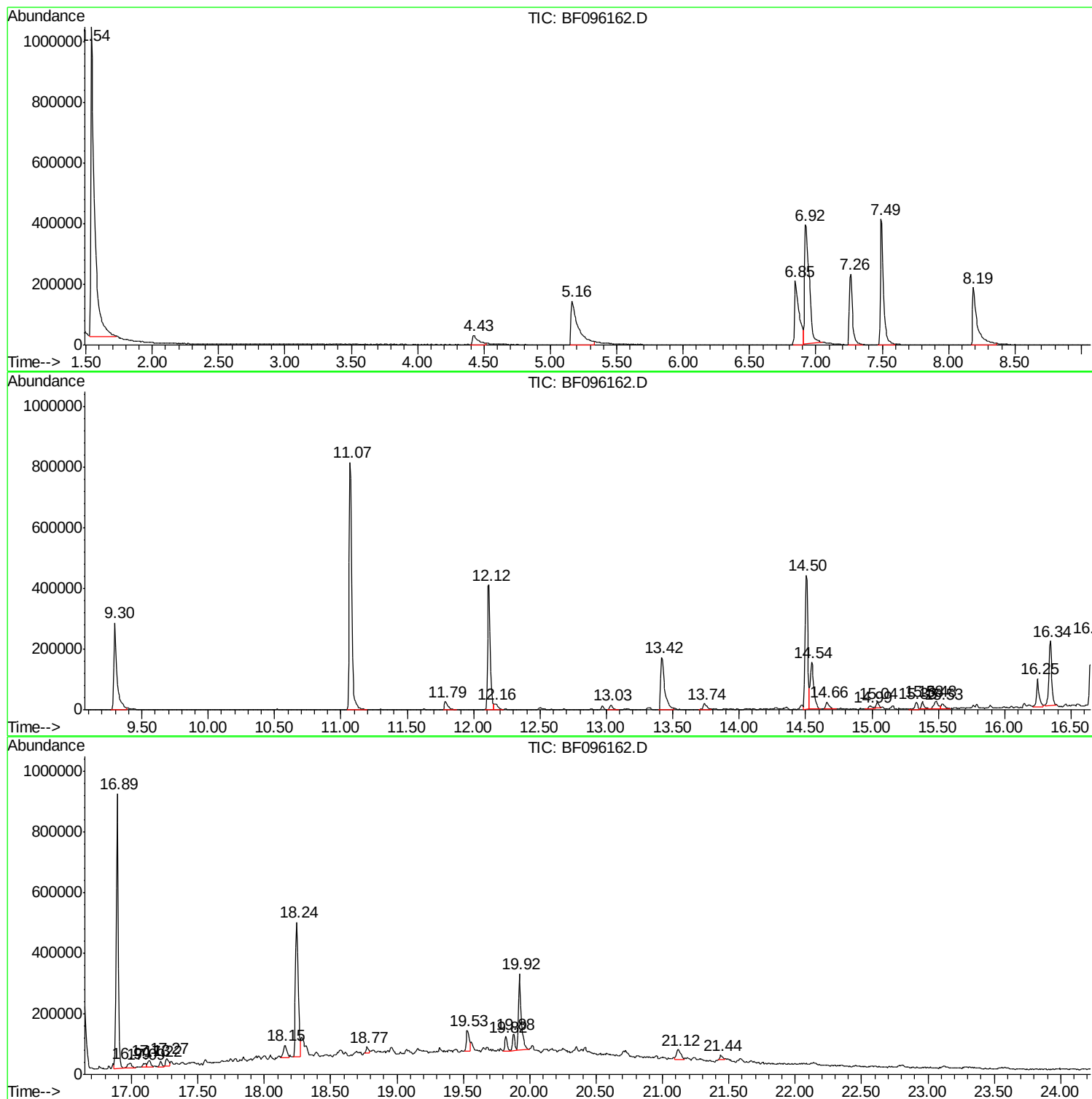
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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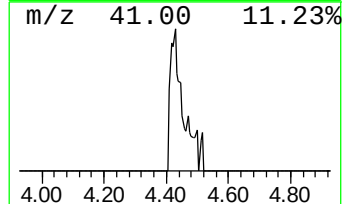
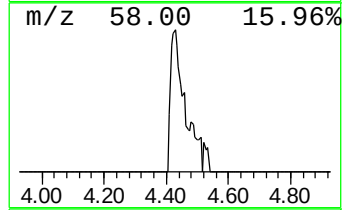
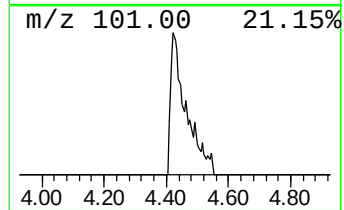
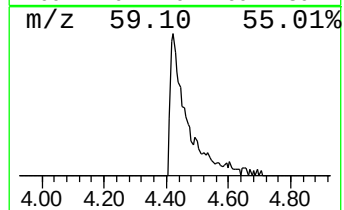
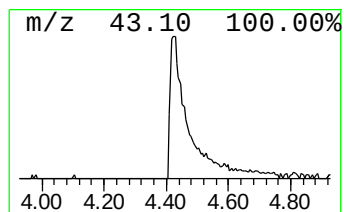
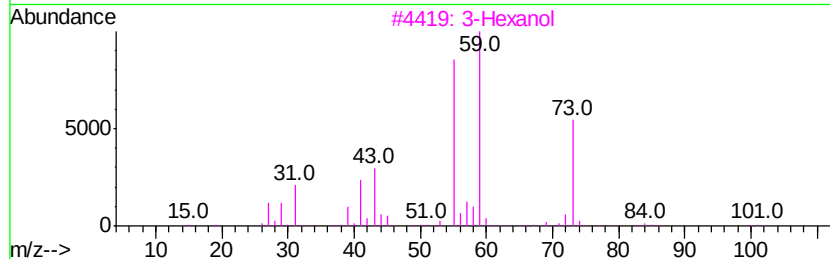
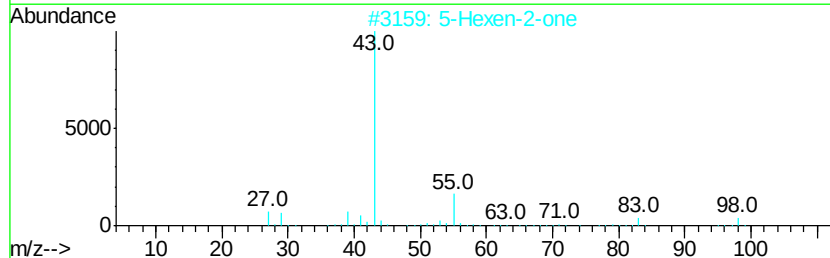
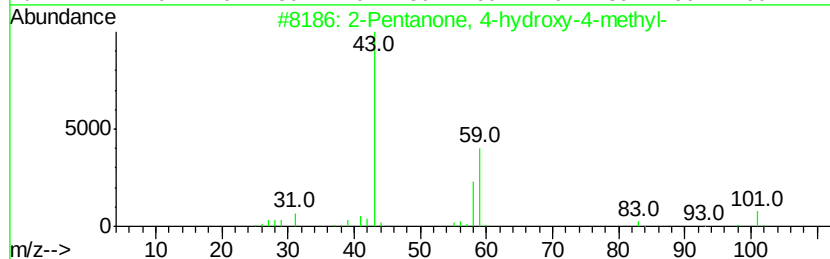
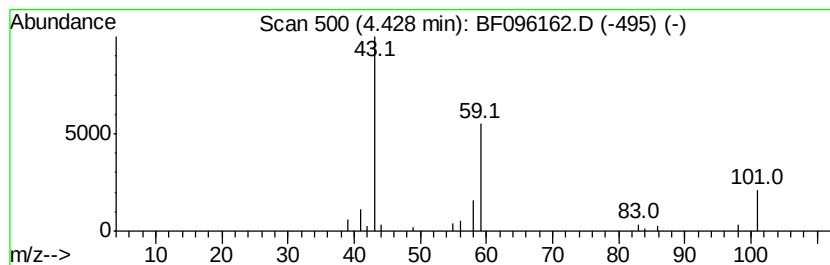
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.43	5.30 ng	96038	1,4-Dichlorobenzene-d4	7.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		3-Hexanol	102	C6H14O	000623-37-0	9
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9
5		2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	066241-43-8	9



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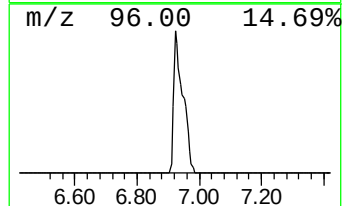
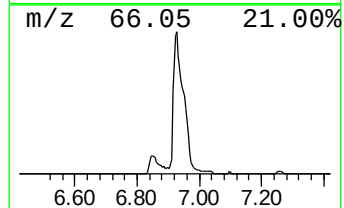
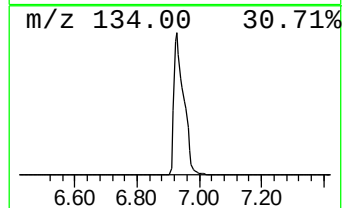
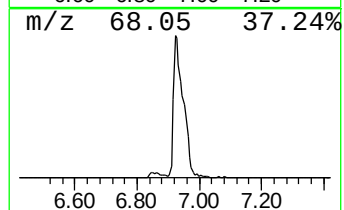
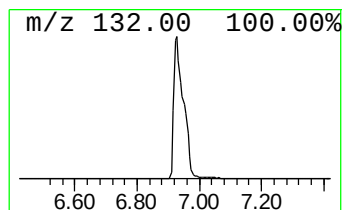
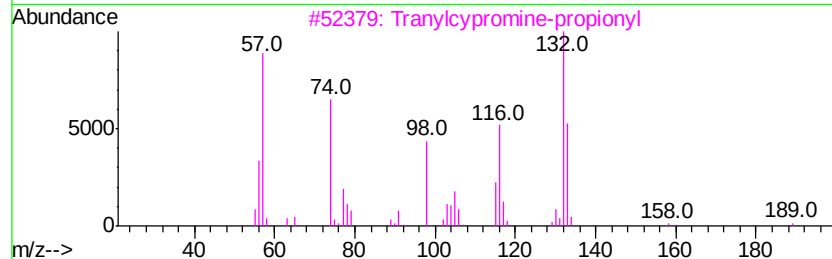
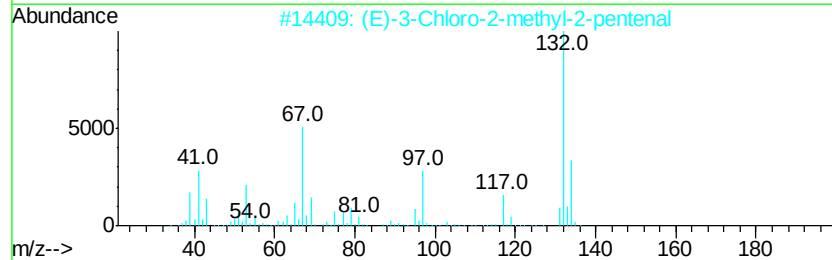
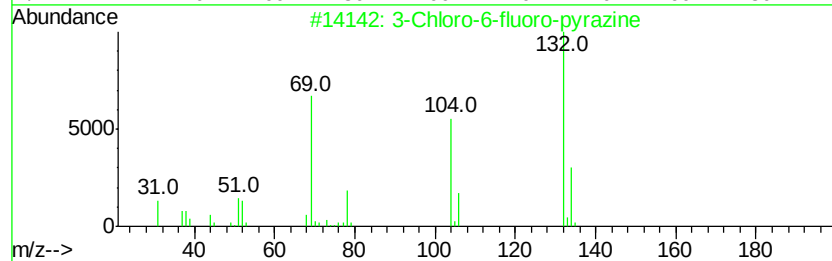
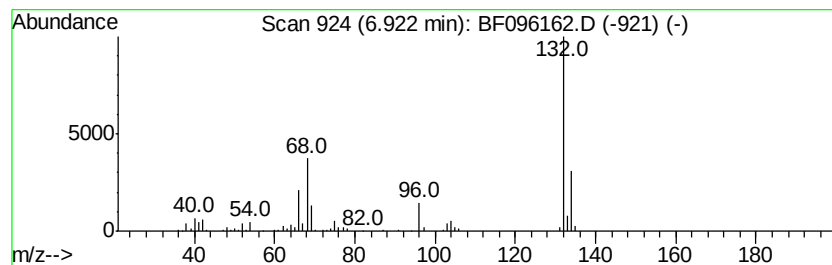
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.92 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.92	50.89 ng	922243	1,4-Dichlorobenzene-d4	7.26

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	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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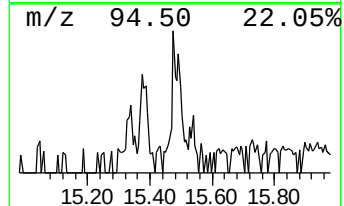
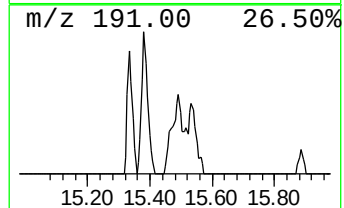
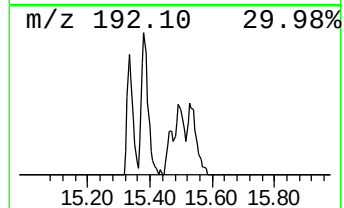
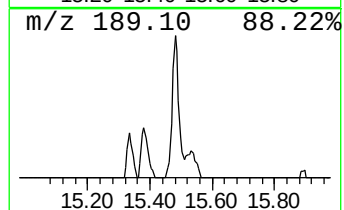
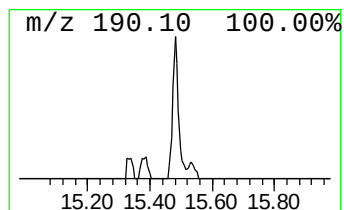
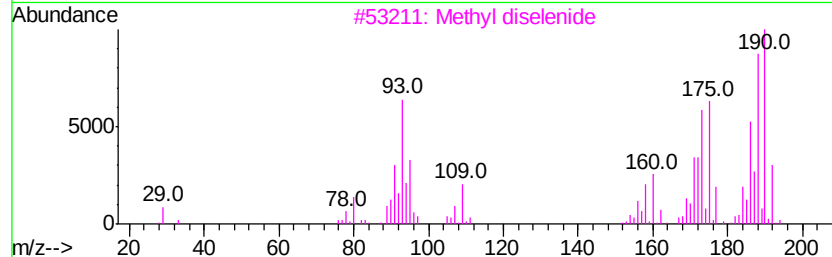
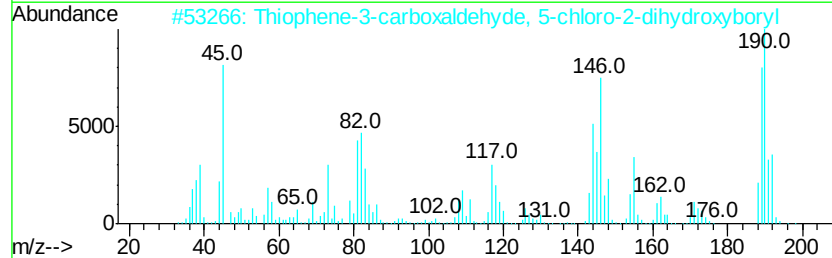
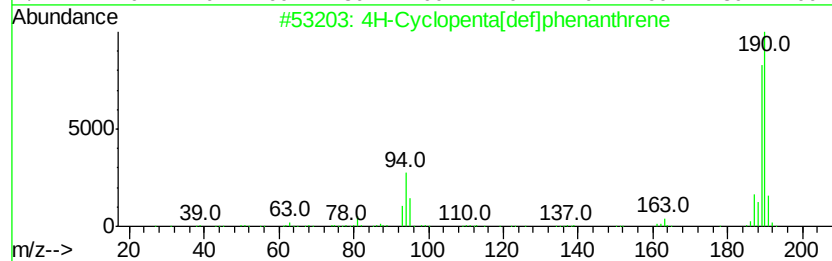
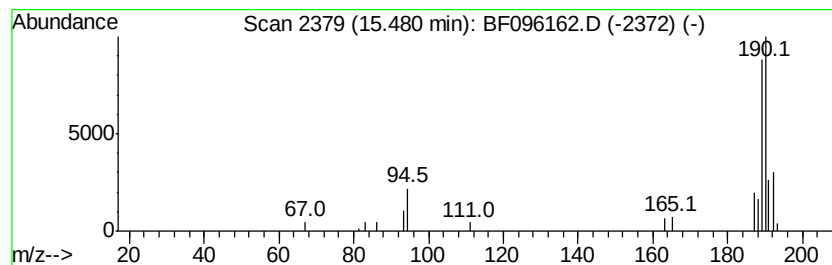
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	2.03 ng	60270	Phenanthrene-d10	14.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	80
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
3		Methyl diselenide	190	C2H6Se2	007101-31-7	43
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		5-Thiazolecarboxamide, 4-amino-2...	189	C5H7N3OS2	1000338-08-9	22



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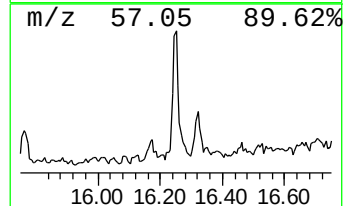
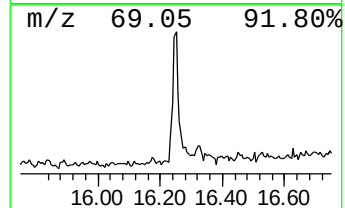
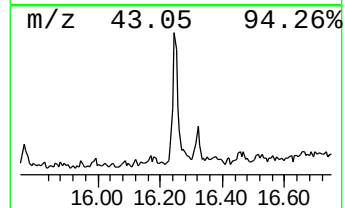
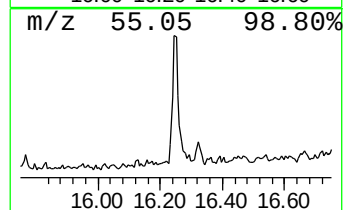
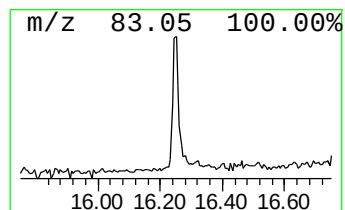
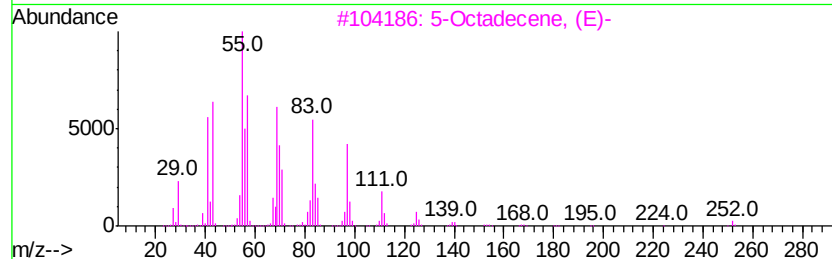
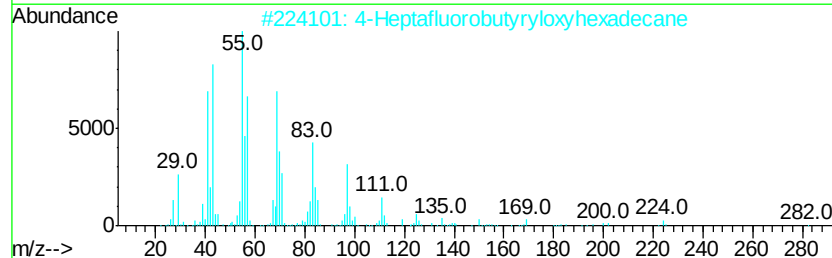
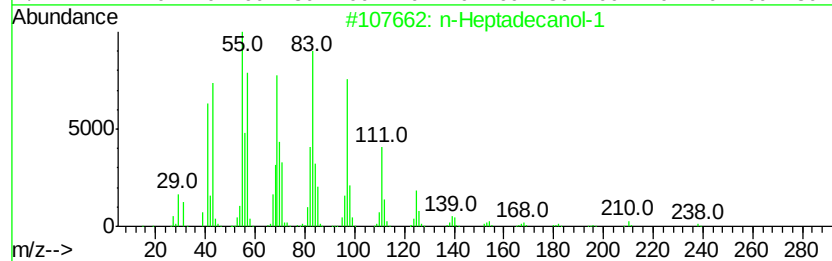
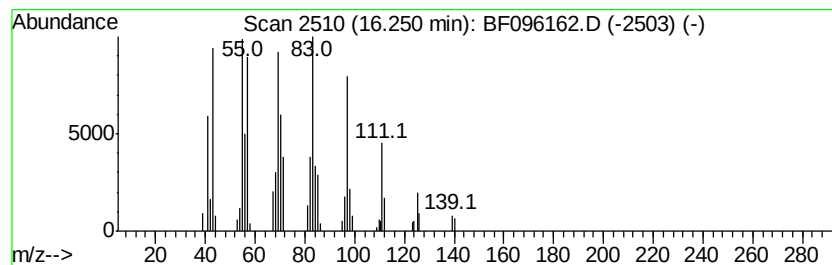
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 n-Heptadecanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.25	4.61 ng	136586	Phenanthrene-d10	14.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	95
2	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	91
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91



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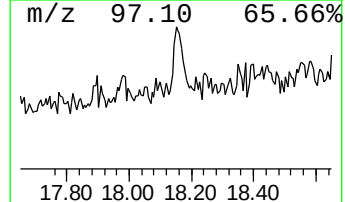
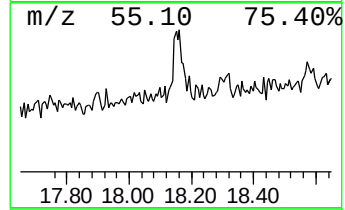
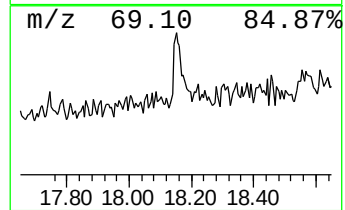
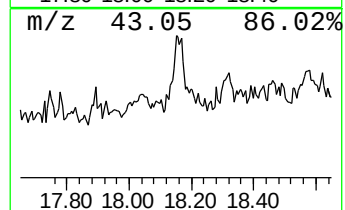
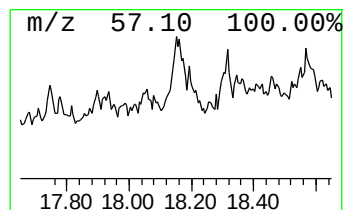
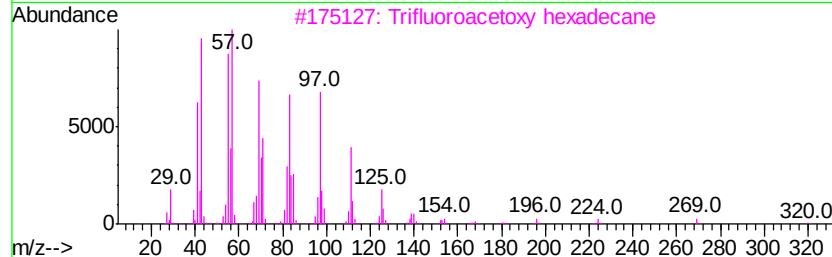
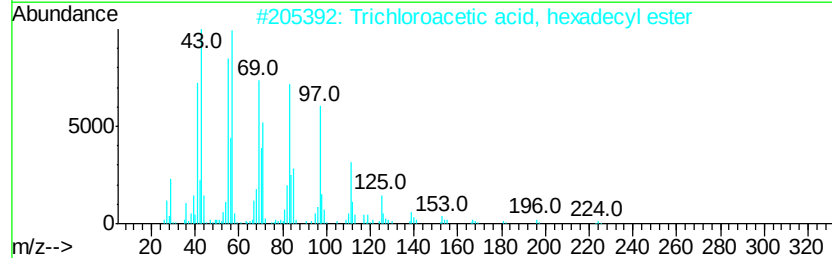
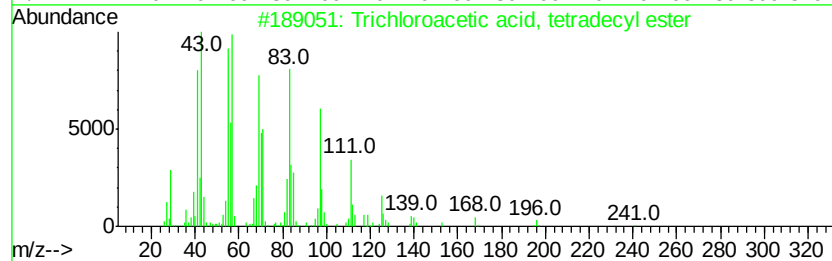
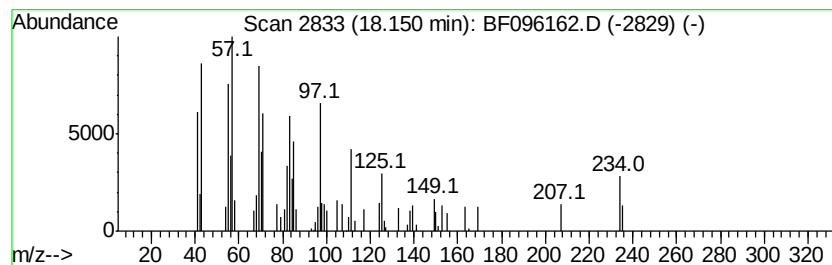
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Trichloroacetic acid, tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.15	2.39 ng	76253	Chrysene-d12	18.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	70
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	68
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	68
4		Heptacosyl pentafluoropropionate	542	C30H55F5O2	1000351-81-6	58
5		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
Data File : BF096162.D
Acq On : 23 Jun 2017 16:34
Operator : SJ/MA
Sample : I3800-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-STONE-DUST

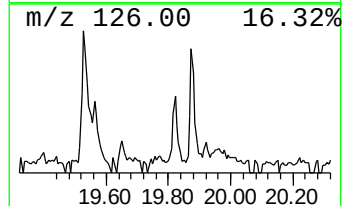
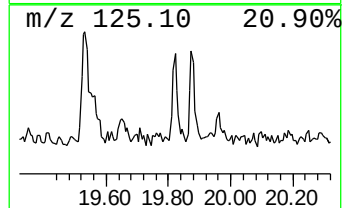
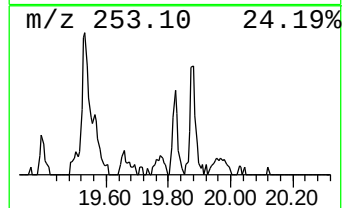
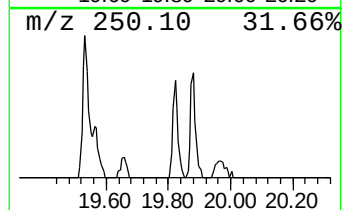
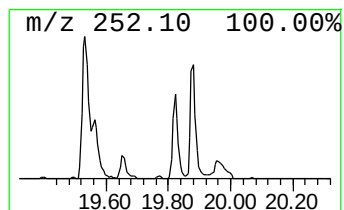
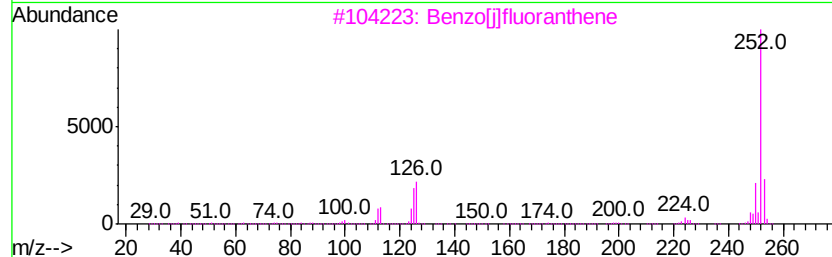
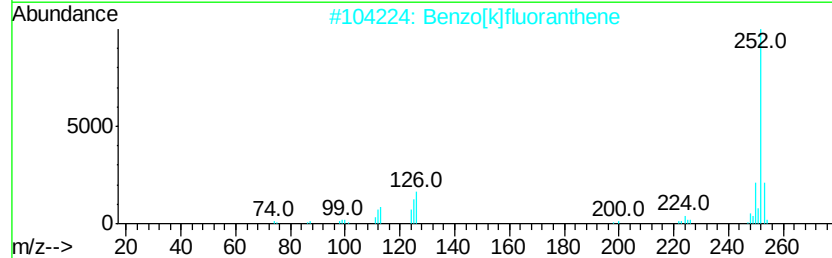
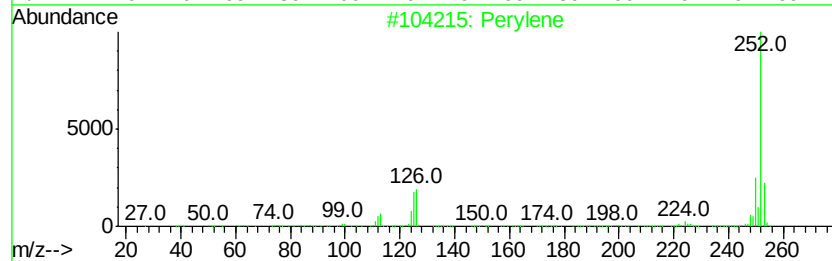
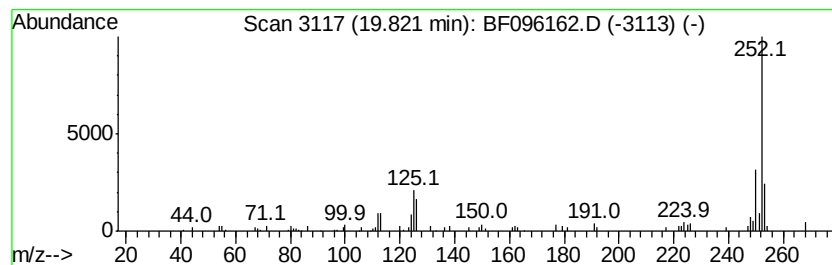
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Perylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	3.32 ng	64833	Perylene-d12	19.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Perylene	252	C20H12	000198-55-0	96
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
5		Benzo[e]pyrene	252	C20H12	000192-97-2	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062317\
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Sample : I3800-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRUSHED-STONE-DUST

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
2-Pentanone, 4-hy...	4.43	5.3	ng	96038	1	7.26	362443	20.0
unknown6.92	6.92	50.9	ng	922243	1	7.26	362443	20.0
4H-Cyclopenta[def...	15.48	2.0	ng	60270	4	14.50	592631	20.0
n-Heptadecanol-1	16.25	4.6	ng	136586	4	14.50	592631	20.0
Trichloroacetic a...	18.15	2.4	ng	76253	5	18.24	637254	20.0
Perylene	19.82	3.3	ng	64833	6	19.92	390861	20.0