

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097181.D
 Acq On : 29 Jul 2017 3:57
 Operator : SJ/JU
 Sample : I4398-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDIMENT-1

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-BF072517.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	4.616	461	464	475	rVB2	14862	22667	2.83%	0.297%
2	5.087	541	544	555	rBV	175872	236231	29.52%	3.098%
3	6.128	716	721	723	rBV	19840	18288	2.29%	0.240%
4	6.157	723	726	741	rVV	165599	257344	32.16%	3.375%
5	6.263	741	744	755	rVB	214079	237593	29.69%	3.116%
6	6.487	778	782	791	rVB	677484	590263	73.76%	7.742%
7	6.640	805	808	813	rBV	168775	153346	19.16%	2.011%
8	7.051	875	878	886	rBV	115348	121856	15.23%	1.598%
9	7.769	996	1000	1008	rBV	970260	800201	100.00%	10.495%
10	8.557	1131	1134	1144	rBV2	23795	40478	5.06%	0.531%
11	8.845	1180	1183	1187	rBV	203721	157026	19.62%	2.060%
12	9.245	1248	1251	1259	rVB	25797	22638	2.83%	0.297%
13	9.516	1293	1297	1301	rBV	715614	657117	82.12%	8.619%
14	9.545	1301	1302	1309	rVB2	12426	9880	1.23%	0.130%
15	9.904	1360	1363	1366	rBV	19236	17794	2.22%	0.233%
16	9.945	1366	1370	1372	rVV	63645	58966	7.37%	0.773%
17	10.298	1427	1430	1437	rVB	76622	72611	9.07%	0.952%
18	10.439	1450	1454	1461	rBV3	10735	12226	1.53%	0.160%
19	10.986	1544	1547	1550	rBV	623252	535284	66.89%	7.021%
20	11.010	1550	1551	1555	rVB	106890	68378	8.55%	0.897%
21	11.045	1555	1557	1559	rBV	10855	11404	1.43%	0.150%
22	11.069	1559	1561	1564	rVB	22355	18353	2.29%	0.241%
23	11.227	1582	1588	1593	rBV	19705	26834	3.35%	0.352%
24	11.486	1629	1632	1635	rBV2	14655	15077	1.88%	0.198%
25	11.545	1639	1642	1644	rVV2	15870	17243	2.15%	0.226%
26	11.563	1644	1645	1648	rVB	16247	9951	1.24%	0.131%
27	11.598	1648	1651	1654	rBV	17622	17957	2.24%	0.236%
28	11.816	1685	1688	1694	rBV	33937	32739	4.09%	0.429%
29	11.910	1700	1704	1707	rBV4	9129	11854	1.48%	0.155%
30	12.122	1738	1740	1744	rBV2	18618	18590	2.32%	0.244%
31	12.192	1749	1752	1757	rVB	281204	233053	29.12%	3.057%
32	12.292	1767	1769	1772	rBV3	12189	14730	1.84%	0.193%
33	12.339	1774	1777	1782	rVV5	19148	27255	3.41%	0.357%
34	12.416	1786	1790	1794	rVV	213411	216813	27.09%	2.844%

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
 Data File : BF097181.D
 Acq On : 29 Jul 2017 3:57
 Operator : SJ/JU
 Sample : I4398-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDIMENT-1

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-BF072517.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.469	1794	1799	1806	rVV7	25430	52514	6.56%	0.689%
36	12.545	1809	1812	1813	rVV2	14239	13026	1.63%	0.171%
37	12.569	1813	1816	1823	rVB	160065	151967	18.99%	1.993%
38	12.645	1824	1829	1832	rBV3	19423	27198	3.40%	0.357%
39	12.721	1840	1842	1843	rBV2	12835	10379	1.30%	0.136%
40	12.745	1844	1846	1850	rVB2	32570	32478	4.06%	0.426%
41	12.821	1856	1859	1861	rBV3	9373	11504	1.44%	0.151%
42	12.851	1861	1864	1866	rBV2	18553	16591	2.07%	0.218%
43	12.939	1877	1879	1883	rVB3	13352	13523	1.69%	0.177%
44	13.004	1883	1890	1894	rBV8	17609	47748	5.97%	0.626%
45	13.239	1926	1930	1931	rBV3	20979	24634	3.08%	0.323%
46	13.257	1931	1933	1940	rVB	42151	56285	7.03%	0.738%
47	13.363	1948	1951	1954	rBV	33073	43487	5.43%	0.570%
48	13.433	1961	1963	1966	rVB2	19653	15954	1.99%	0.209%
49	13.469	1966	1969	1970	rBV	33684	31340	3.92%	0.411%
50	13.563	1984	1985	1987	rBV2	14885	10077	1.26%	0.132%
51	13.610	1987	1993	1996	rVV2	605510	728577	91.05%	9.556%
52	13.639	1996	1998	2000	rVB	114964	92970	11.62%	1.219%
53	13.810	2025	2027	2029	rBV2	26120	22545	2.82%	0.296%
54	13.963	2051	2053	2055	rBV3	20609	17098	2.14%	0.224%
55	14.116	2076	2079	2087	rBV3	72038	97316	12.16%	1.276%
56	14.351	2117	2119	2121	rBV2	42236	34803	4.35%	0.456%
57	14.604	2159	2162	2169	rVB	120482	203092	25.38%	2.664%
58	14.692	2173	2177	2186	rBV2	132712	265024	33.12%	3.476%
59	14.857	2203	2205	2211	rVB	78402	86209	10.77%	1.131%
60	14.910	2211	2214	2218	rBV	87548	107611	13.45%	1.411%
61	14.963	2219	2223	2230	rBV	324330	391675	48.95%	5.137%
62	15.368	2289	2292	2296	rBV	44539	59529	7.44%	0.781%
63	15.486	2310	2312	2314	rBV3	34437	31628	3.95%	0.415%
64	16.333	2450	2456	2457	rBV5	46440	89921	11.24%	1.179%
65	18.521	2826	2828	2830	rBV2	17917	11501	1.44%	0.151%
66	18.603	2841	2842	2848	rVB6	20059	19561	2.44%	0.257%
67	19.256	2951	2953	2956	rBV4	16489	19461	2.43%	0.255%
68	19.439	2983	2984	2989	rBV4	17777	25114	3.14%	0.329%

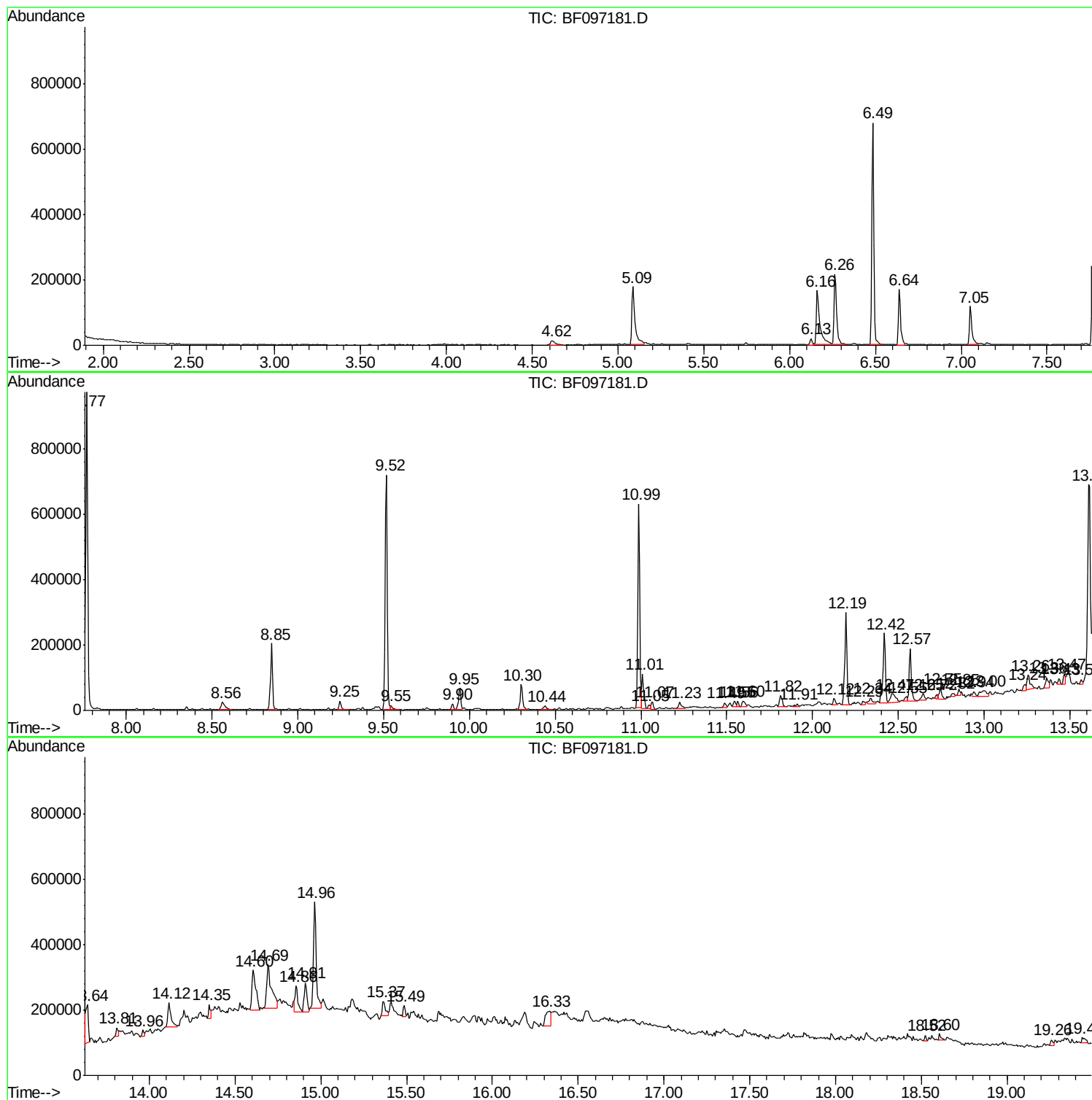
Sum of corrected areas: 7624380

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEDIMENT-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEDIMENT-1

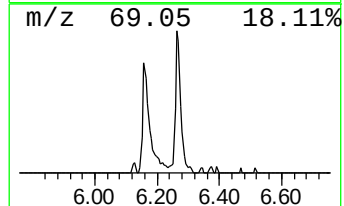
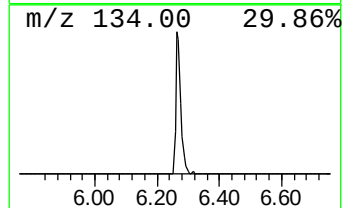
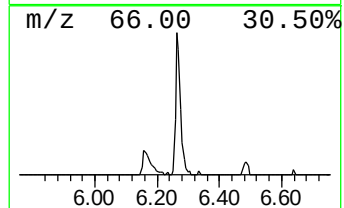
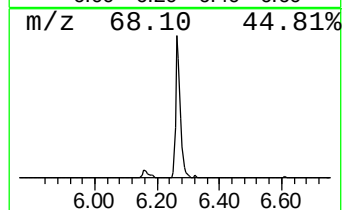
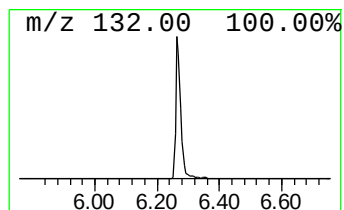
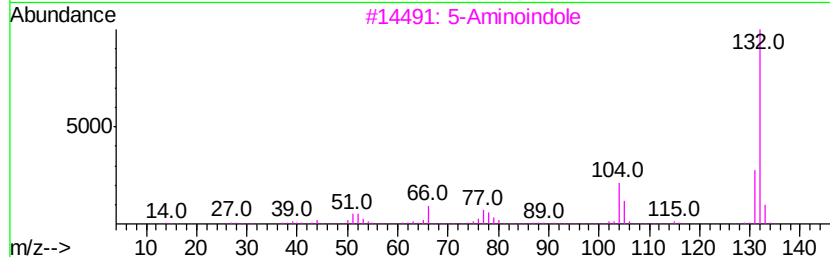
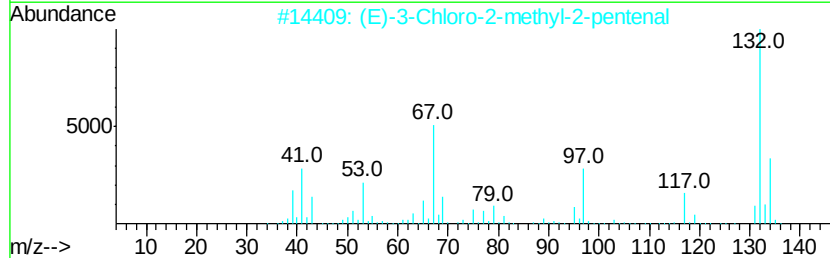
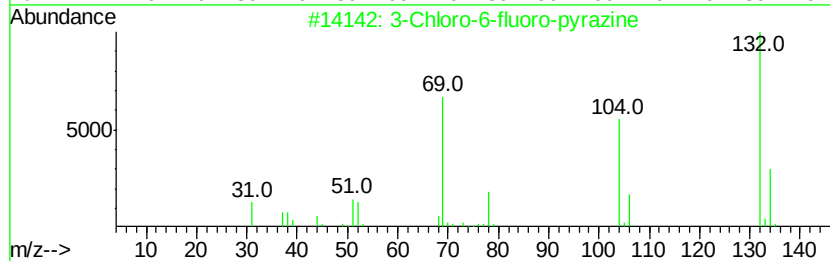
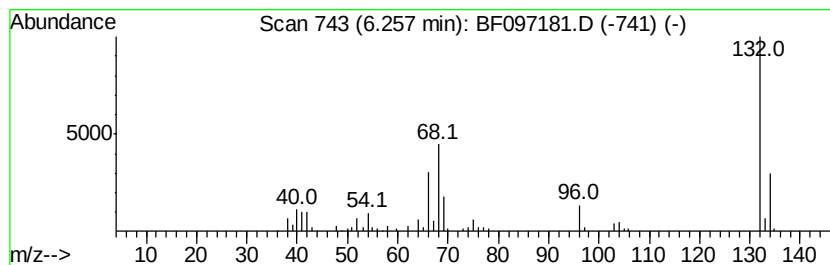
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	8.05 ng	237593	1,4-Dichlorobenzene-d4	6.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			5-Aminoindole	132	C8H8N2	005192-03-0	10
4			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEDIMENT-1

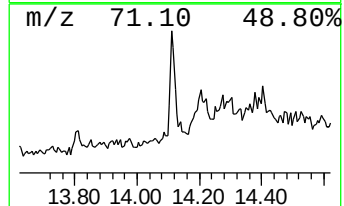
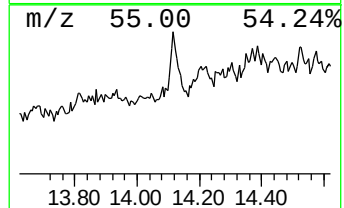
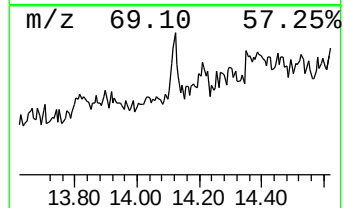
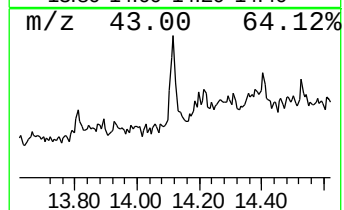
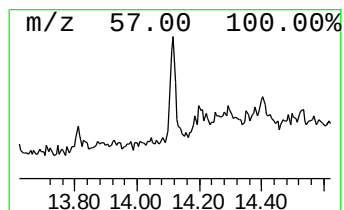
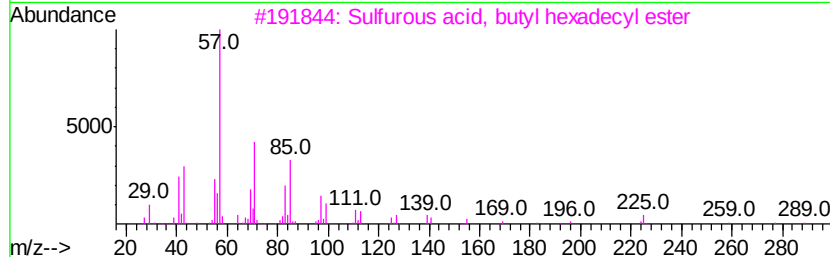
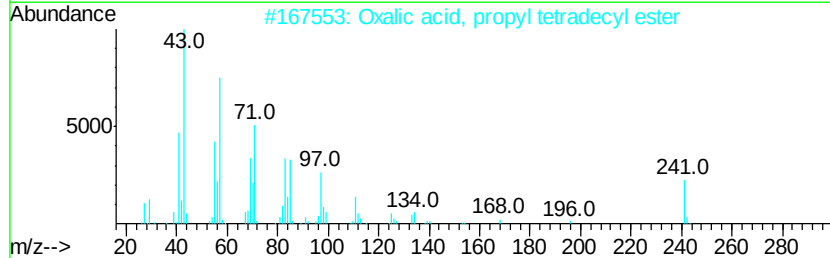
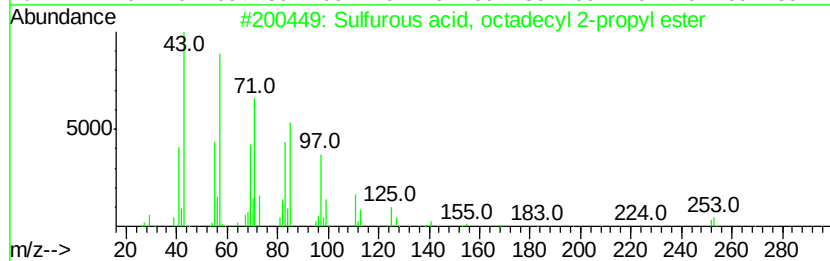
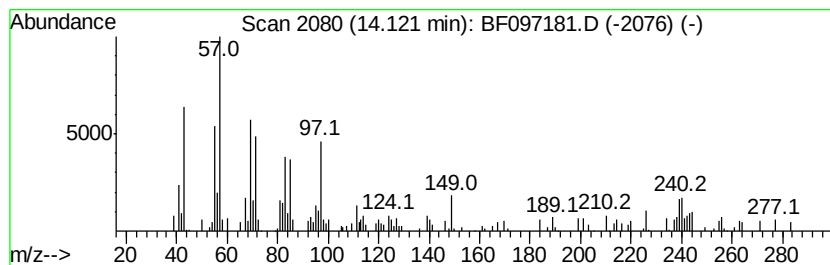
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Sulfurous acid, octadecyl 2... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.67 ng	97316	Chrysene-d12	13.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
2		Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	64
3		Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	58
4		1-Bromodocosane	388	C22H45Br	006938-66-5	58
5		Tetradecane	198	C14H30	000629-59-4	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

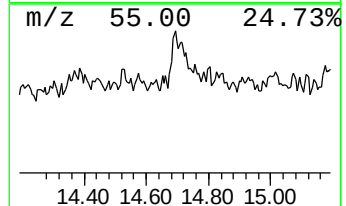
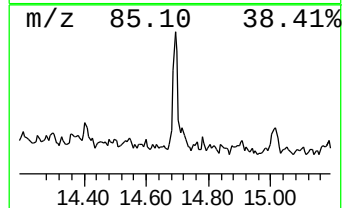
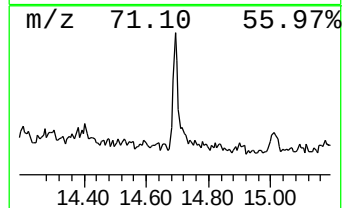
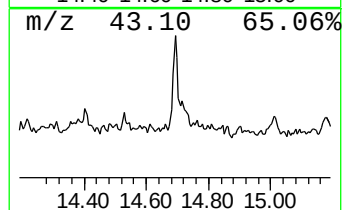
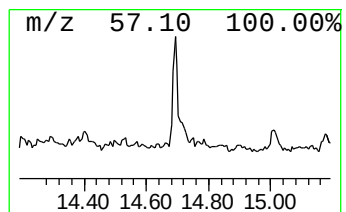
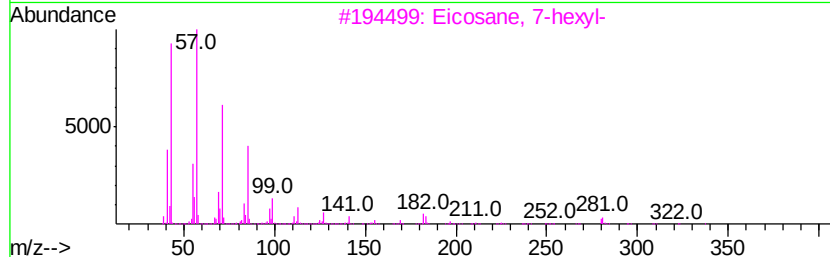
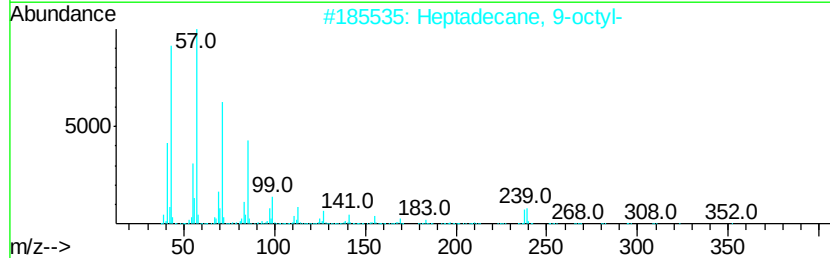
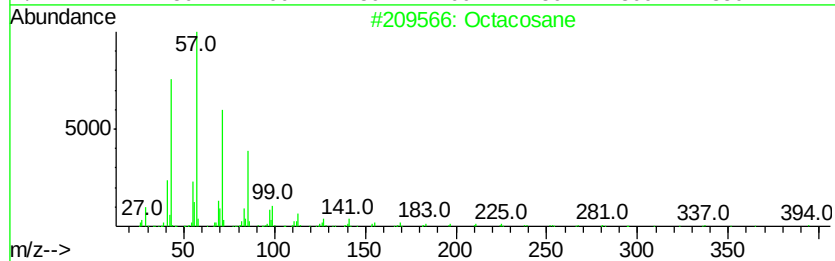
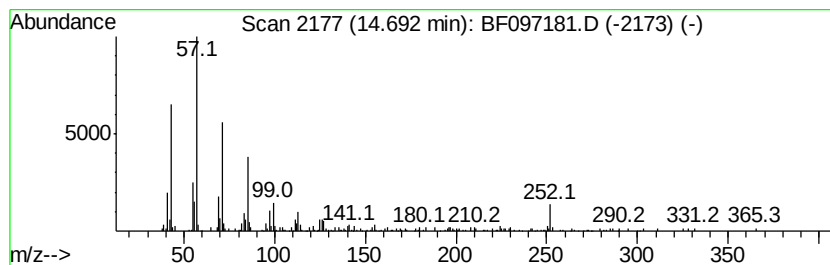
Instrument :
BNA_F
ClientSampleId :
SEDIMENT-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Octacosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	13.53 ng	265024	Perylene-d12	14.96
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	87
2	Heptadecane, 9-octyl-	352 C25H52	007225-64-1	83
3	Eicosane, 7-hexyl-	366 C26H54	055333-99-8	83
4	Hentriacontane	437 C31H64	000630-04-6	80
5	Sulfurous acid, butyl tridecyl e...	320 C17H36O3S	1000309-18-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

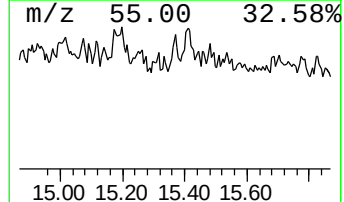
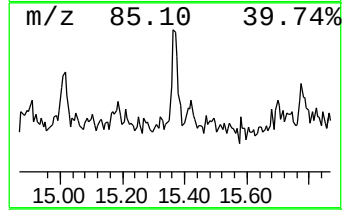
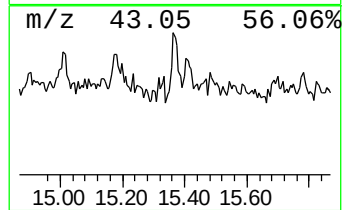
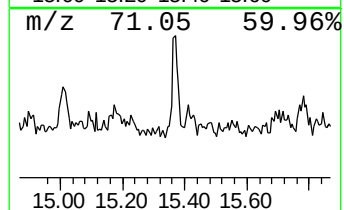
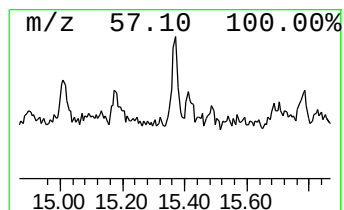
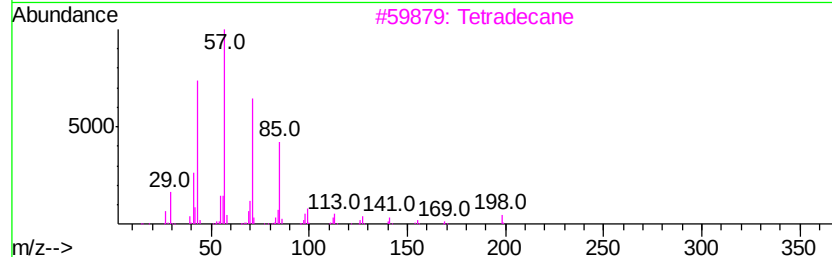
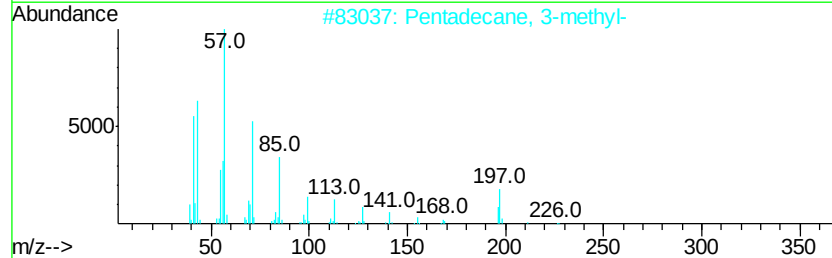
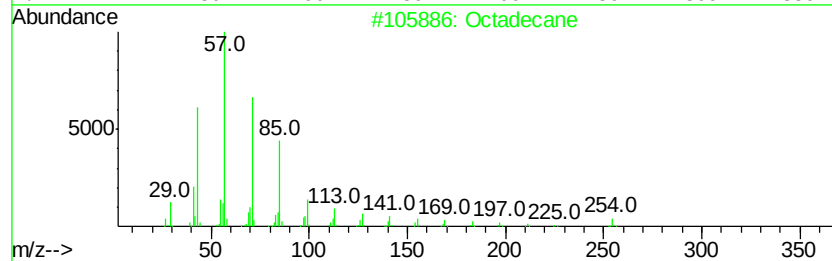
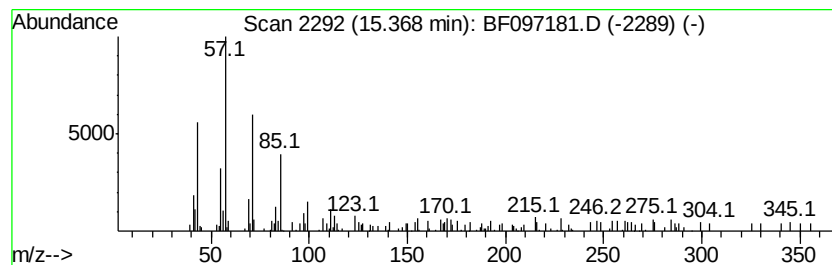
Instrument :
BNA_F
ClientSampleId :
SEDIMENT-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.37	3.04 ng	59529	Perylene-d12		14.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	83
2	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	64
3	Tetradecane	198	C14H30	000629-59-4	58
4	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	58
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

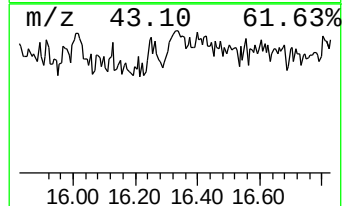
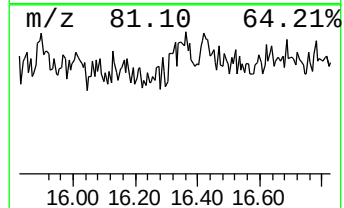
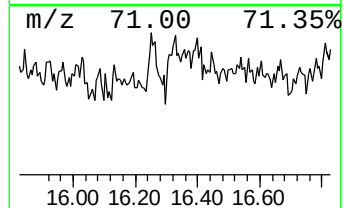
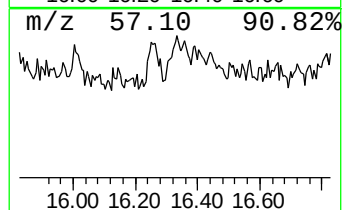
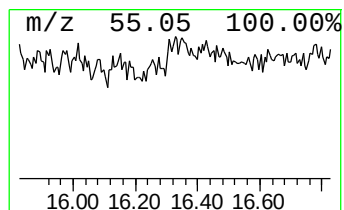
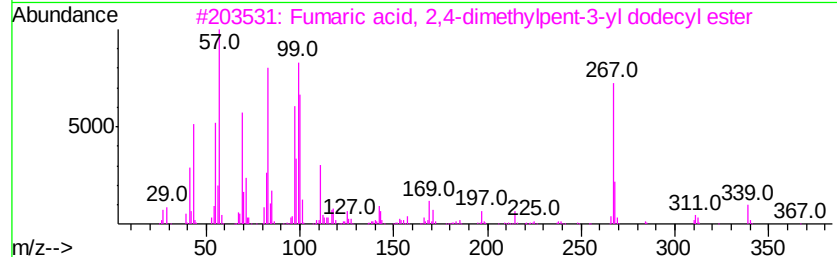
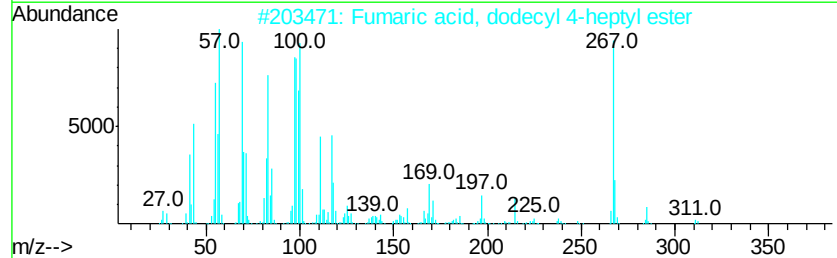
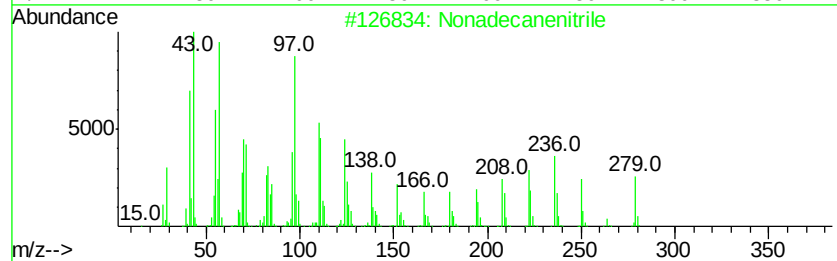
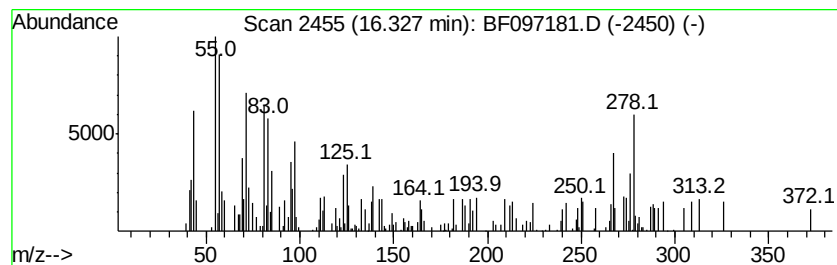
Instrument :
BNA_F
ClientSampleID :
SEDIMENT-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.33	4.59 ng	89921	Perylene-d12	14.96	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecanenitrile	279	C19H37N	028623-46-3	25
2	Fumaric acid, dodecyl 4-heptyl e...	382	C23H42O4	1000348-52-2	25
3	Fumaric acid, 2,4-dimethylpent-3...	382	C23H42O4	1000348-55-3	14
4	Oleic Acid	282	C18H34O2	000112-80-1	11
5	Decyl 4-nitrophenyl ether	279	C16H25NO3	031657-37-1	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072817\
Data File : BF097181.D
Acq On : 29 Jul 2017 3:57
Operator : SJ/JU
Sample : I4398-01 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEDIMENT-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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
unknown6.26	6.26	8.1	ng	237593	1	6.49	590263	20.0
Sulfurous acid, o...	14.12	2.7	ng	97316	5	13.62	728577	20.0
Octacosane	14.69	13.5	ng	265024	6	14.96	391675	20.0
Octadecane	15.37	3.0	ng	59529	6	14.96	391675	20.0
unknown16.33	16.33	4.6	ng	89921	6	14.96	391675	20.0