

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
 Data File : BF110601.D
 Acq On : 8 Nov 2018 22:41
 Operator : JU/SJ
 Sample : J5838-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HC-SOIL-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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	5.192	525	528	540	rVB	46185	68219	2.85%	0.326%
2	5.569	587	592	595	rBV	2043708	1917832	80.25%	9.162%
3	6.569	757	762	778	rBV	1951804	2206851	92.34%	10.542%
4	6.716	782	787	790	rBV	2180716	2118423	88.64%	10.120%
5	6.945	822	826	832	rBV	556801	519938	21.76%	2.484%
6	7.098	848	852	868	rBV	1806397	1604978	67.16%	7.667%
7	7.510	917	922	934	rBV	1335604	1345871	56.32%	6.429%
8	8.222	1040	1043	1058	rBV	665872	690264	28.88%	3.298%
9	9.298	1221	1226	1229	rBV	2723345	2378642	99.53%	11.363%
10	9.692	1289	1293	1299	rBV	155123	144620	6.05%	0.691%
11	9.986	1338	1343	1351	rBV	778668	786408	32.91%	3.757%
12	10.774	1473	1477	1491	rBV	1458007	1473444	61.66%	7.039%
13	11.474	1593	1596	1606	rBV	878052	850823	35.60%	4.065%
14	11.980	1679	1682	1686	rBV3	68681	68229	2.86%	0.326%
15	12.692	1800	1803	1809	rBV	94769	94899	3.97%	0.453%
16	12.768	1814	1816	1821	rBV4	28393	31873	1.33%	0.152%
17	12.927	1841	1843	1847	rVB	85378	72241	3.02%	0.345%
18	13.063	1861	1866	1869	rBV	2585641	2389790	100.00%	11.416%
19	13.268	1896	1901	1907	rVB3	20371	32840	1.37%	0.157%
20	13.939	2011	2015	2029	rBV3	178205	294898	12.34%	1.409%
21	14.127	2042	2047	2050	rBV	709741	662498	27.72%	3.165%
22	14.251	2065	2068	2071	rVB	34893	28419	1.19%	0.136%
23	14.557	2117	2120	2124	rBV2	54466	60328	2.52%	0.288%
24	14.874	2170	2174	2177	rBV	59852	61654	2.58%	0.295%
25	14.951	2184	2187	2191	rVB	76704	78838	3.30%	0.377%
26	15.198	2226	2229	2230	rBV	37739	35654	1.49%	0.170%
27	15.221	2230	2233	2239	rVB	84616	102946	4.31%	0.492%
28	15.580	2291	2294	2297	rBV2	22806	28391	1.19%	0.136%
29	15.621	2297	2301	2302	rVV	59681	77071	3.23%	0.368%
30	15.651	2302	2306	2316	rVB	357567	481644	20.15%	2.301%
31	16.068	2373	2377	2383	rVB	54036	84573	3.54%	0.404%
32	16.598	2462	2467	2472	rBV2	31281	50739	2.12%	0.242%
33	17.215	2567	2572	2580	rVB3	28897	59247	2.48%	0.283%
34	17.692	2648	2653	2662	rBV3	13237	29844	1.25%	0.143%

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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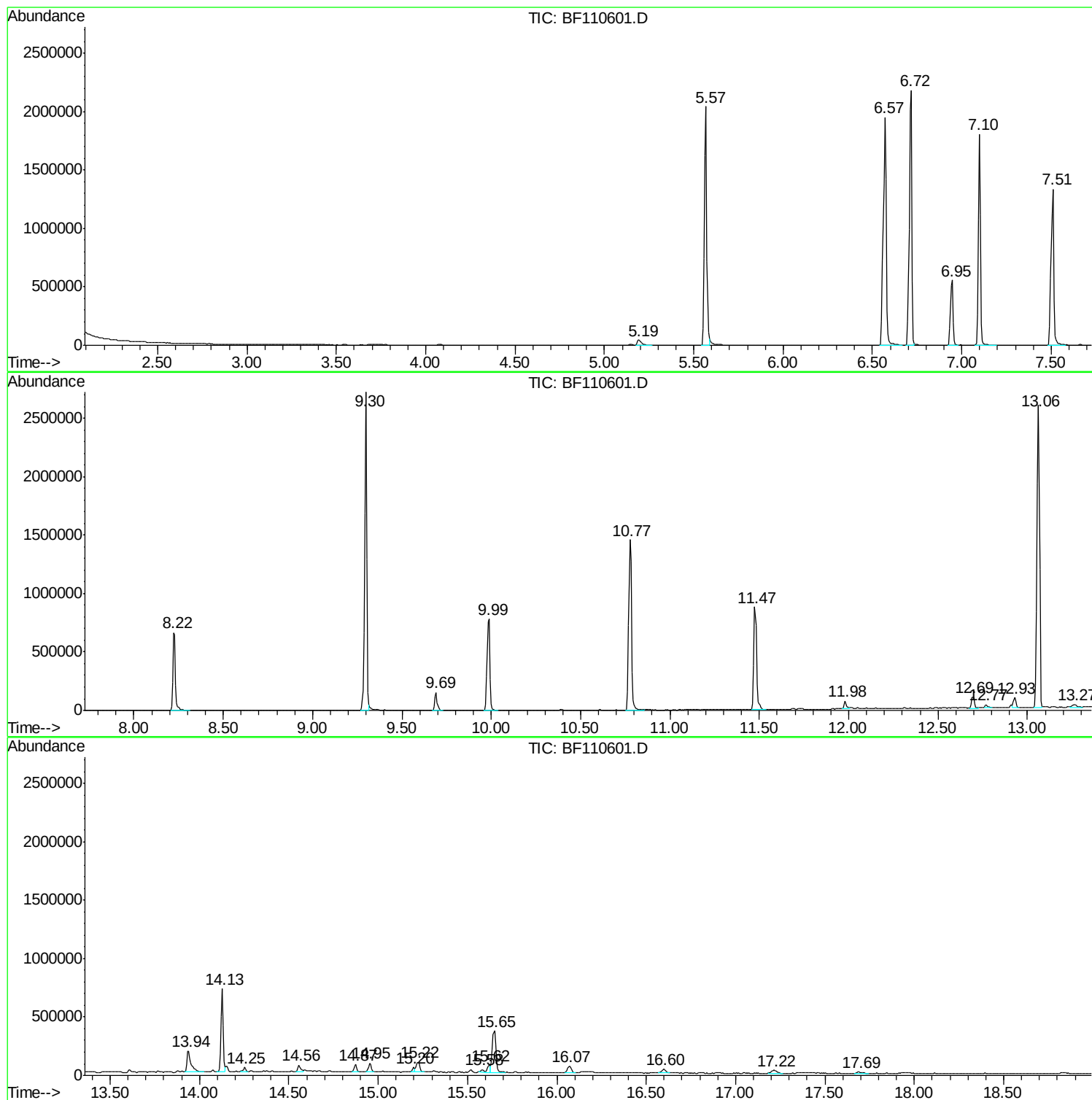
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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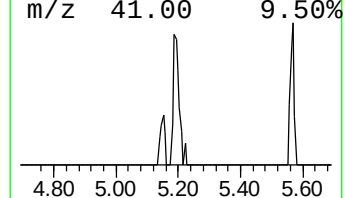
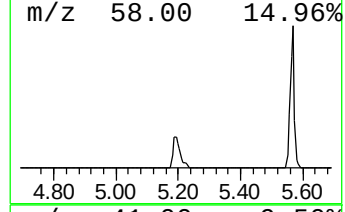
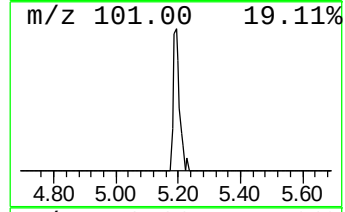
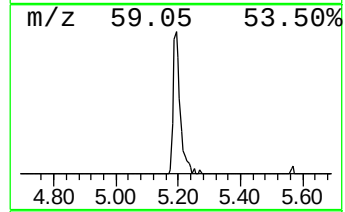
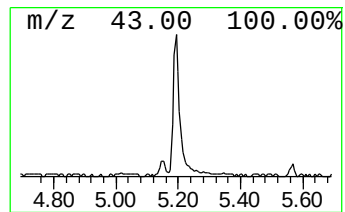
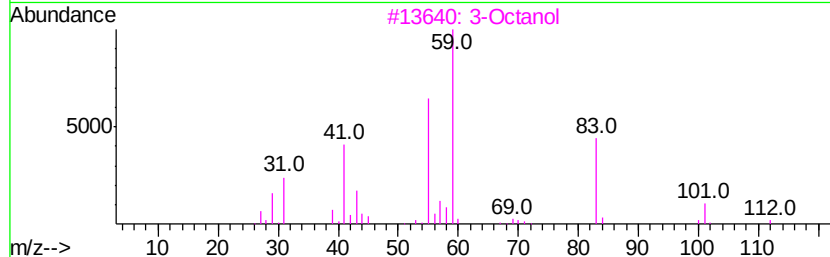
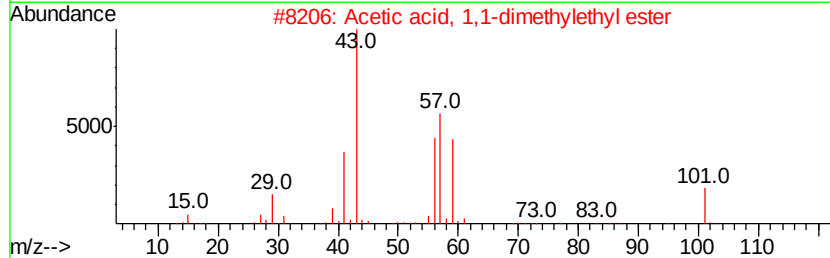
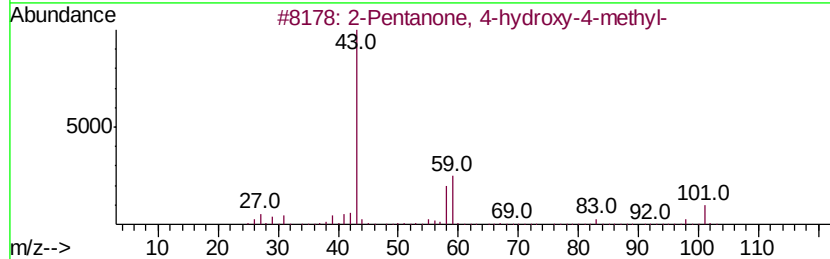
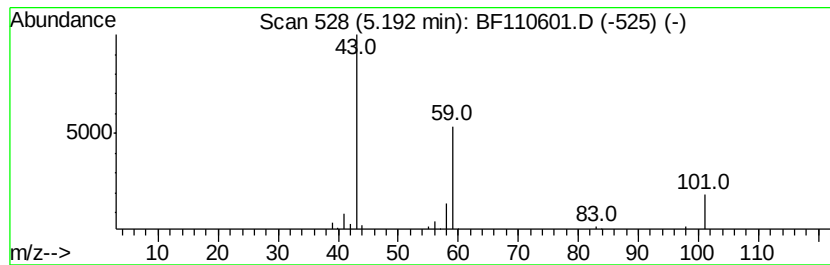
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	2.62 ng	68219	1,4-Dichlorobenzene-d4	6.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	40	
3	3-Octanol	130	C8H18O	000589-98-0	28	
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9	
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9	



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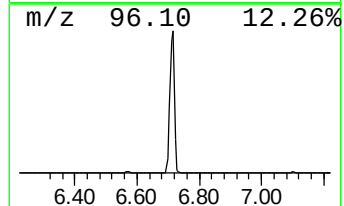
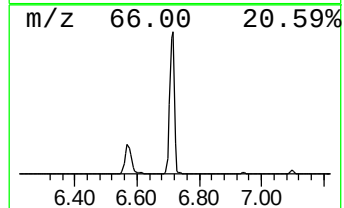
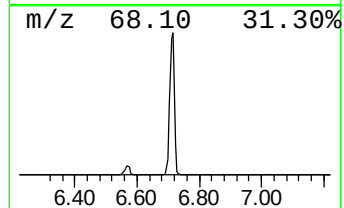
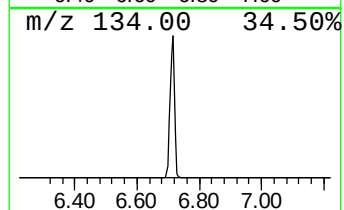
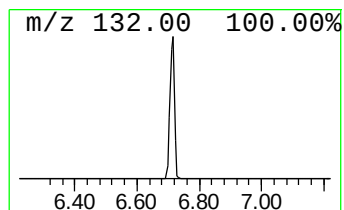
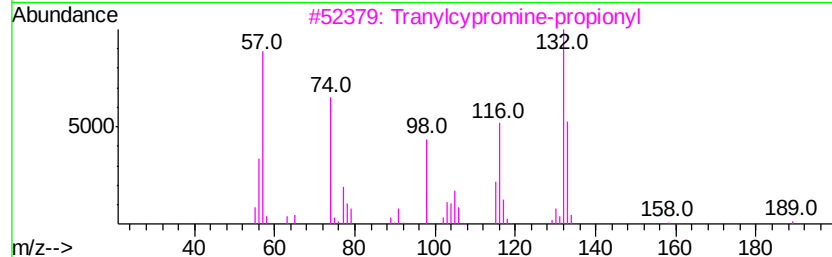
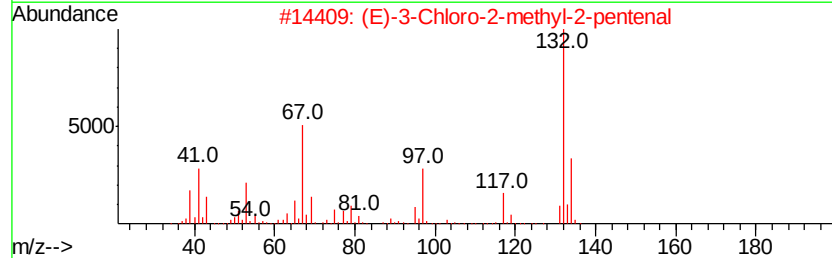
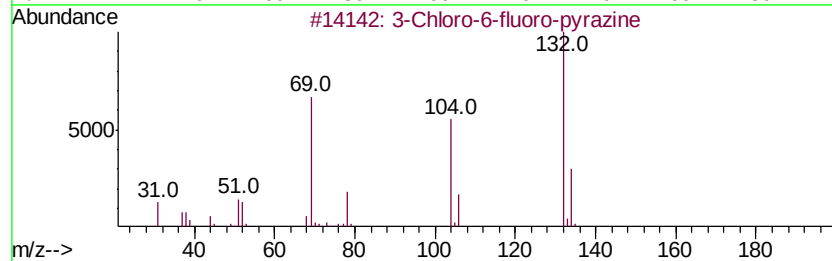
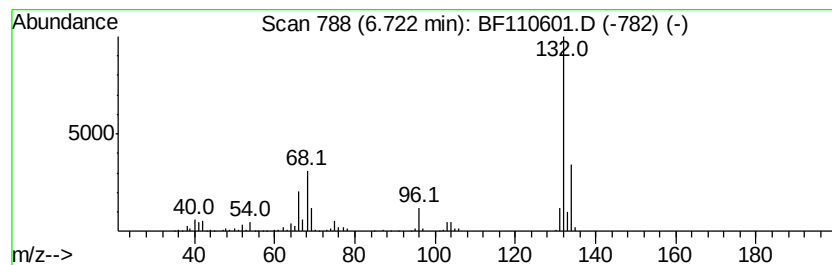
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	81.49 ng	2118420	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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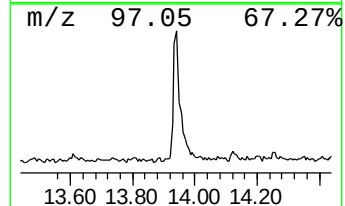
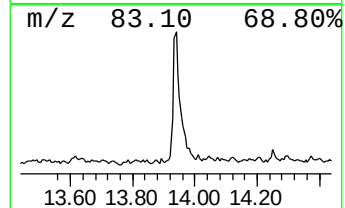
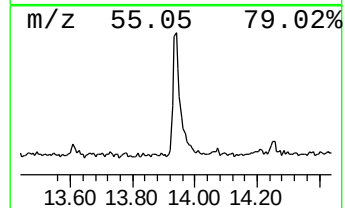
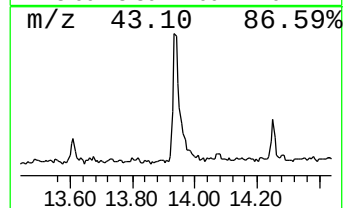
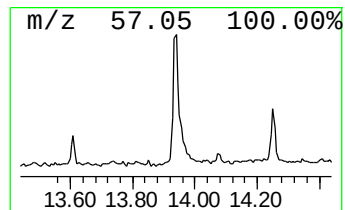
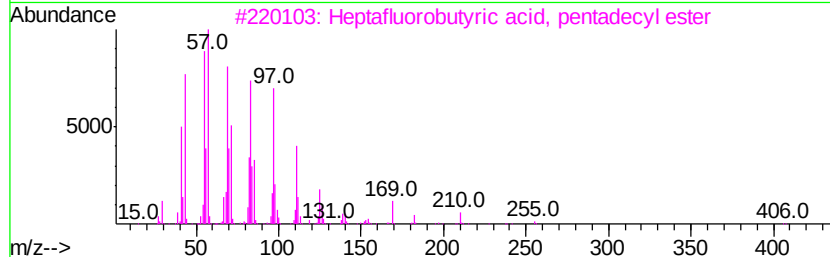
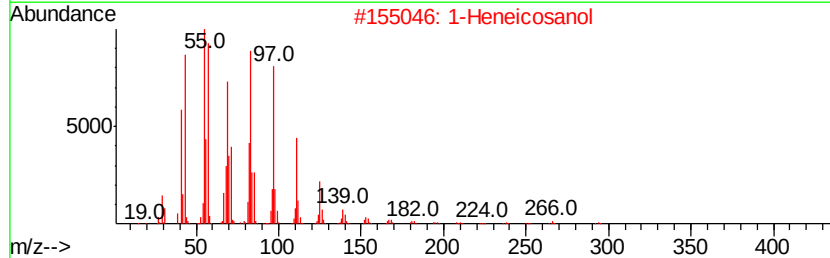
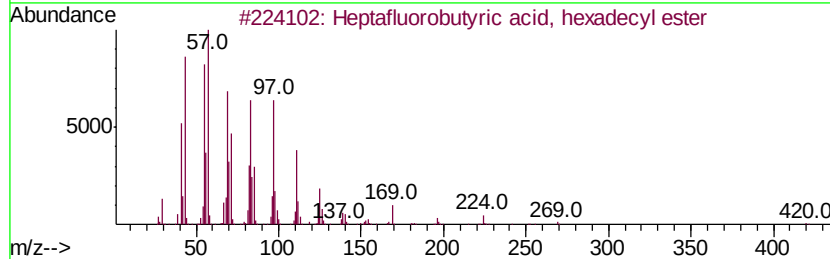
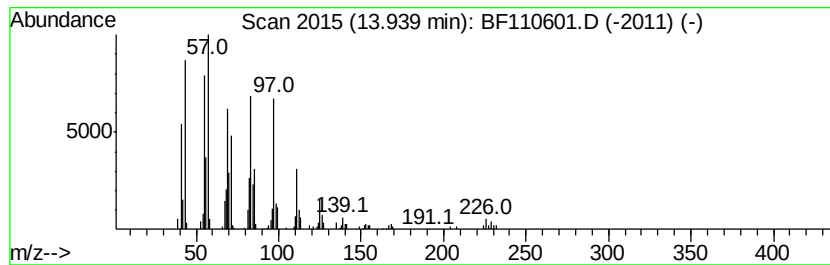
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptafluorobutyric acid, he... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	8.90 ng	294898	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
2		1-Heneicosanol	312	C21H44O	015594-90-8	93
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91



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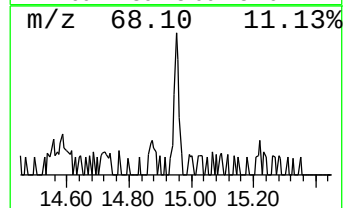
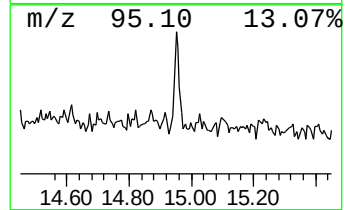
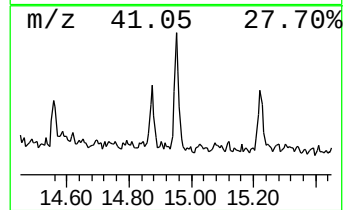
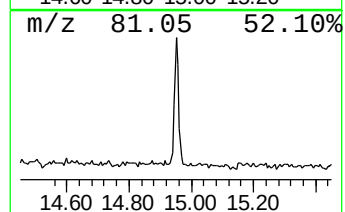
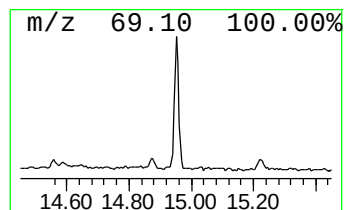
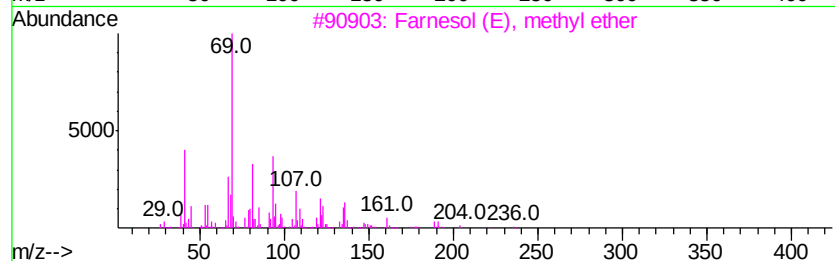
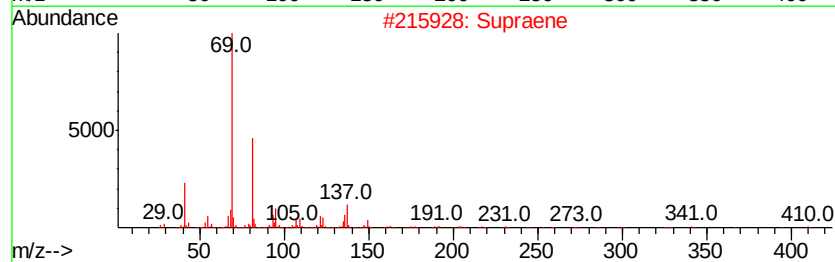
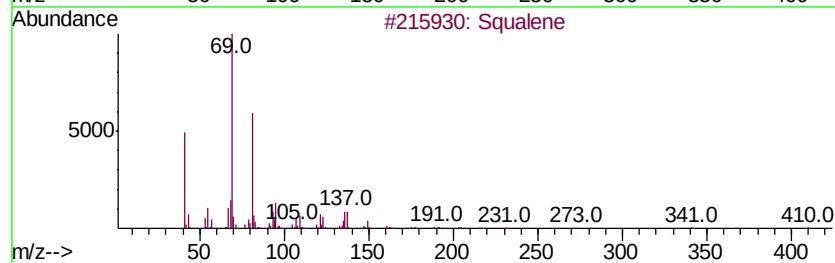
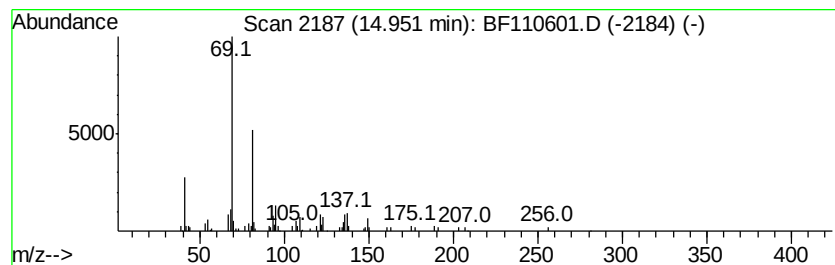
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.95	3.27 ng	78838	Perylene-d12	15.65	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Farnesol (E), methyl ether	236	C16H28O	1000352-67-3	78
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53
5	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



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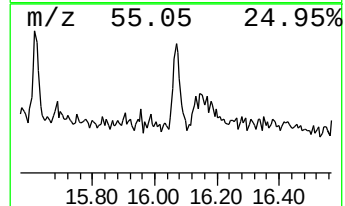
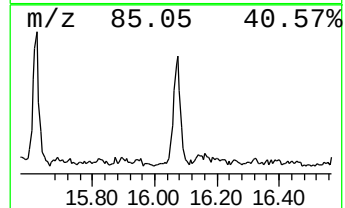
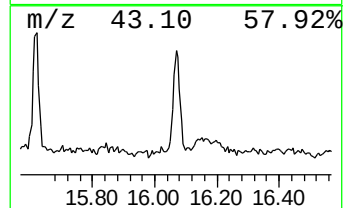
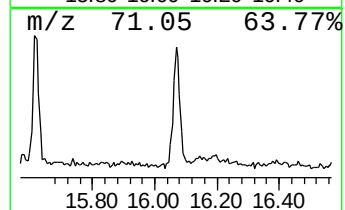
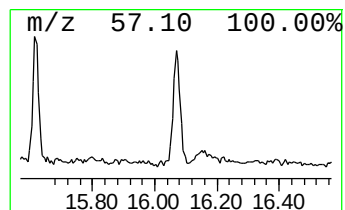
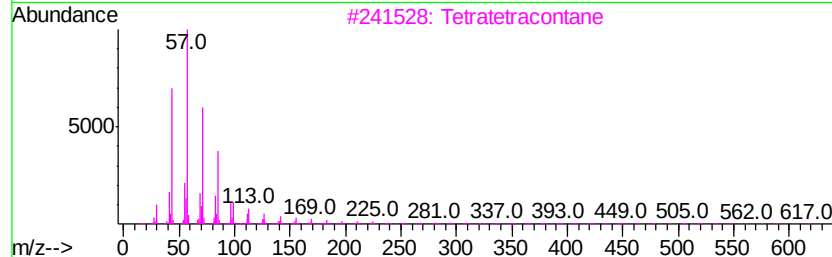
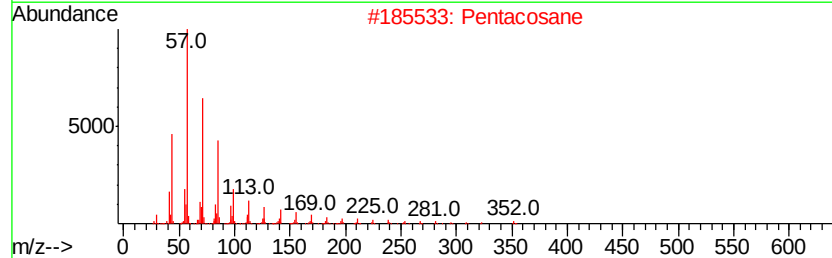
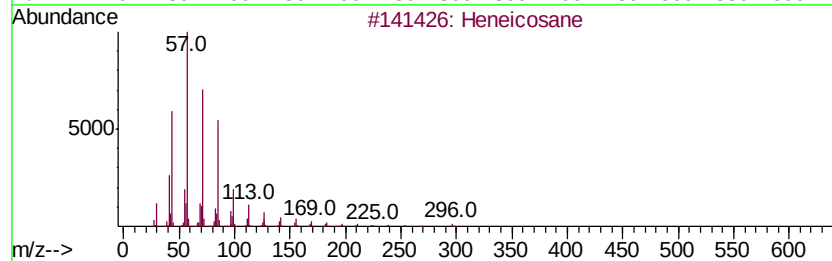
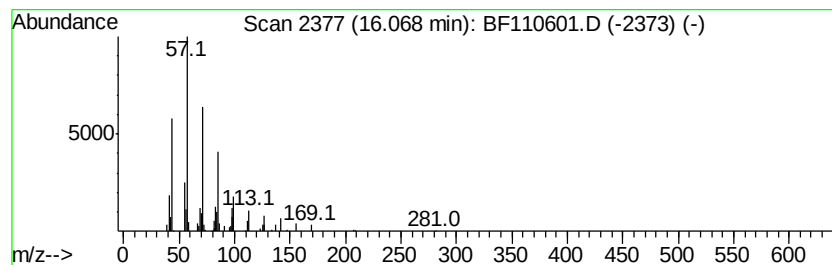
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.51 ng	84573	Perylene-d12	15.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Pentacosane		352	C25H52	000629-99-2	91
3	Tetratetracontane		619	C44H90	007098-22-8	91
4	Hexacosane		366	C26H54	000630-01-3	91
5	Octacosane		394	C28H58	000630-02-4	91



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ClientSampleId :
HC-SOIL-1

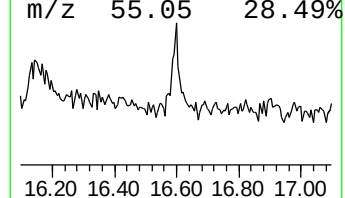
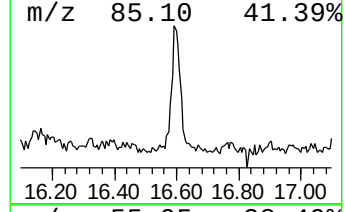
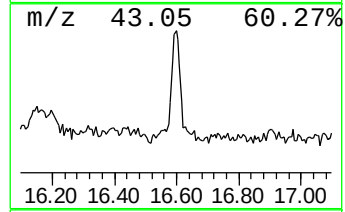
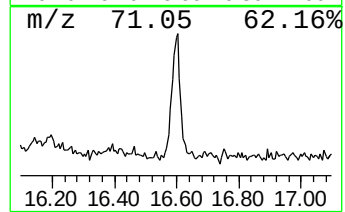
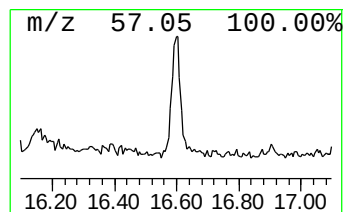
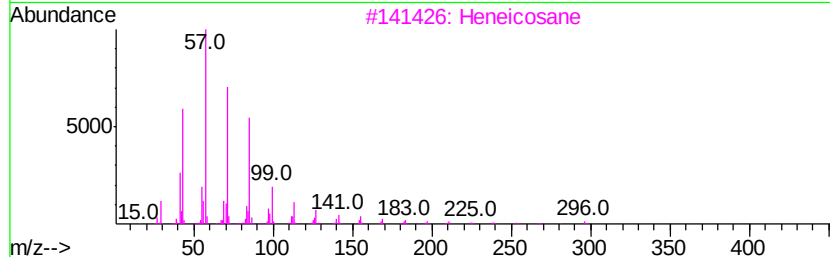
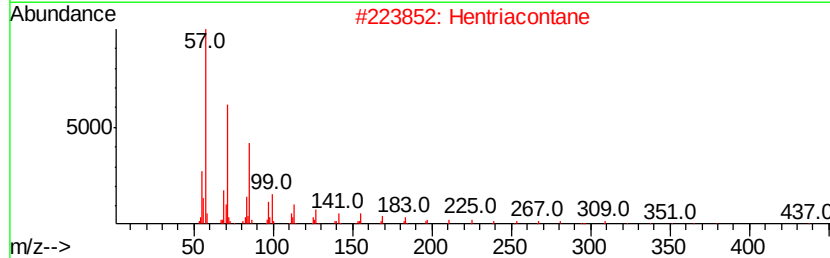
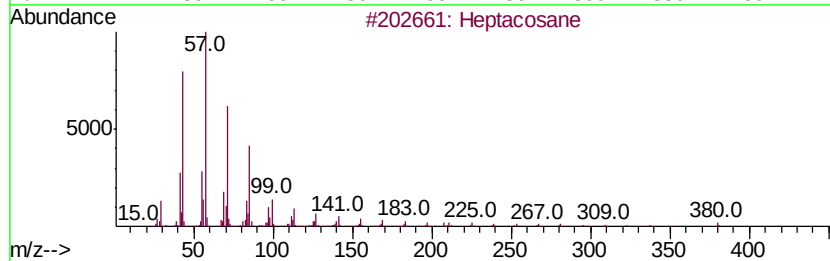
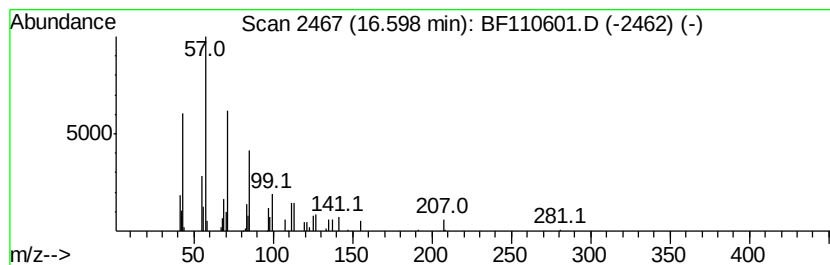
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.11 ng	50739	Perylene-d12	15.65

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane		380	C27H56	000593-49-7	87
2	Hentriacontane		437	C31H64	000630-04-6	87
3	Heneicosane		296	C21H44	000629-94-7	87
4	Triacontane		422	C30H62	000638-68-6	86
5	Eicosane, 7-hexyl-		366	C26H54	055333-99-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110818\
Data File : BF110601.D
Acq On : 8 Nov 2018 22:41
Operator : JU/SJ
Sample : J5838-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HC-SOIL-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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...	5.19	2.6	ng	68219	1	6.95	519938	20.0
unknown6.72	6.72	81.5	ng	2118420	1	6.95	519938	20.0
Heptafluorobutyri...	13.94	8.9	ng	294898	5	14.13	662498	20.0
Squalene	14.95	3.3	ng	78838	6	15.65	481644	20.0
Heneicosane	16.07	3.5	ng	84573	6	15.65	481644	20.0
Heptacosane	16.60	2.1	ng	50739	6	15.65	481644	20.0