LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110602.D
Acq On : 8 Nov 2018 23:08
Operator : JU/SJ
Sample : J5838-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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
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	5.204	526	530	545	rVB	62930	102312	3.17%	0.392%
2	5.569	587	592	608	rBV	2434273	2704886	83.77%	10.366%
3	6.575	757	763	780	rBV	2505152	2976126	92.17%	11.405%
4	6.716	782	787	790	rBV	2858381	2887668	89.43%	11.066%
5	6.945	822	826	833	rBV	560305	515444	15.96%	1.975%
6	7.098	848	852	856	rBV	2313945	2164736	67.04%	8.296%
7	7.510	917	922	925	rBV	1753099	1822871	56.46%	6.986%
8	8.222	1039	1043	1057	rBV	677562	679101	21.03%	2.602%
9	9.298	1221	1226	1229	rBV	3330170	3228827	100.00%	12.374%
10	9.692	1289	1293	1299	rBV	193208	186794	5.79%	0.716%
11	9.986	1338	1343	1354	rVB	777447	768906	23.81%	2.947%
12	10.781	1473	1478	1481	rBV	2020257	1904623	58.99%	7.299%
13	11.475	1593	1596	1599	rBV	795314	782010	24.22%	2.997%
14	11.498	1599	1600	1605	rVB	62778	46727	1.45%	0.179%
15	11.980	1680	1682	1686	rBV2	45859	48540	1.50%	0.186%
16	12.698	1801	1804	1807	rBV	120315	117070	3.63%	0.449%
17	12.927	1837	1843	1849	rBV	107399	137285	4.25%	0.526%
18	13.063	1861	1866	1869	rBV	2973456	3006830	93.12%	11.523%
19	13.263	1896	1900	1904	rVB2	27139	32980	1.02%	0.126%
20	13.610	1955	1959	1962	rBV	35130	33610	1.04%	0.129%
21	13.939	2011	2015	2020	rBV3	97072	125054	3.87%	0.479%
22	14.127	2042	2047	2050	rBV	652132	630340	19.52%	2.416%
23	14.151	2050	2051	2056	rVB	53782	41293	1.28%	0.158%
24	14.251	2063	2068	2072	rBV2	44723	49602	1.54%	0.190%
25	14.557	2116	2120	2123	rBV2	62366	66138	2.05%	0.253%
26	14.874	2170	2174	2179	rVB	56680	56639	1.75%	0.217%
27	15.198	2225	2229	2231	rBV	47505	61324	1.90%	0.235%
28	15.221	2231	2233	2240	rVB	76912	95644	2.96%	0.367%
29	15.515	2280	2283	2289	rBV	26634	36924	1.14%	0.142%
30	15.580	2291	2294	2298	rVV	27461	36050	1.12%	0.138%
31	15.621	2298	2301	2302	rVV	49344	56514	1.75%	0.217%
32	15.651	2302	2306	2311	rVB	346467	443572	13.74%	1.700%
33	16.074	2373	2378	2384	rVB	50552	77418	2.40%	0.297%
34	16.598	2463	2467	2474	rVB2	32947	52330	1.62%	0.201%

LSC Area Percent Report

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Sample : J5838-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.215	2564	2572	2579	rBV2	36437	81749	2.53%	0.313%
36	17.692	2647	2653	2661	rBV3	16324	36457	1.13%	0.140%

Sum of corrected areas: 26094394

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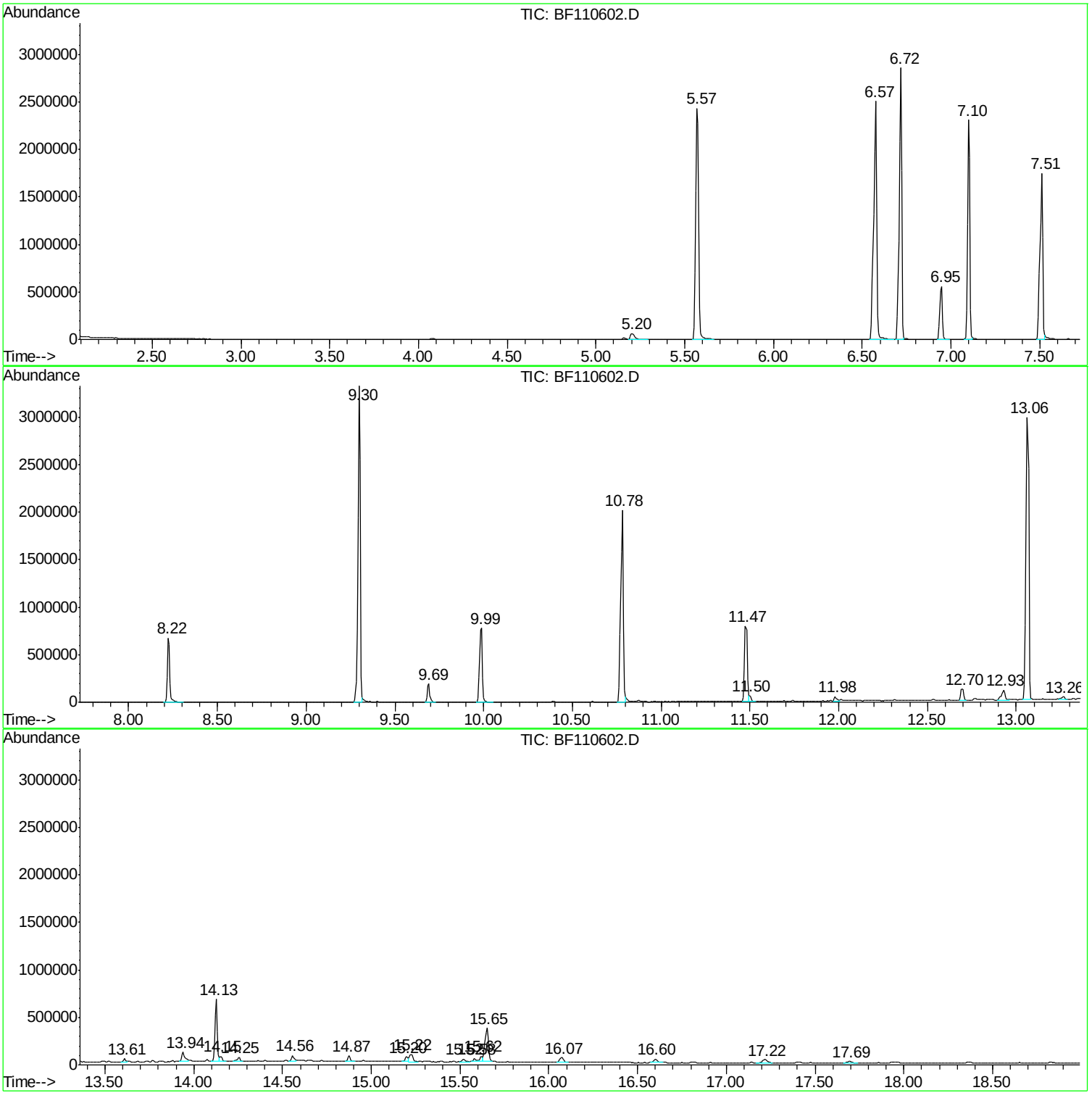
Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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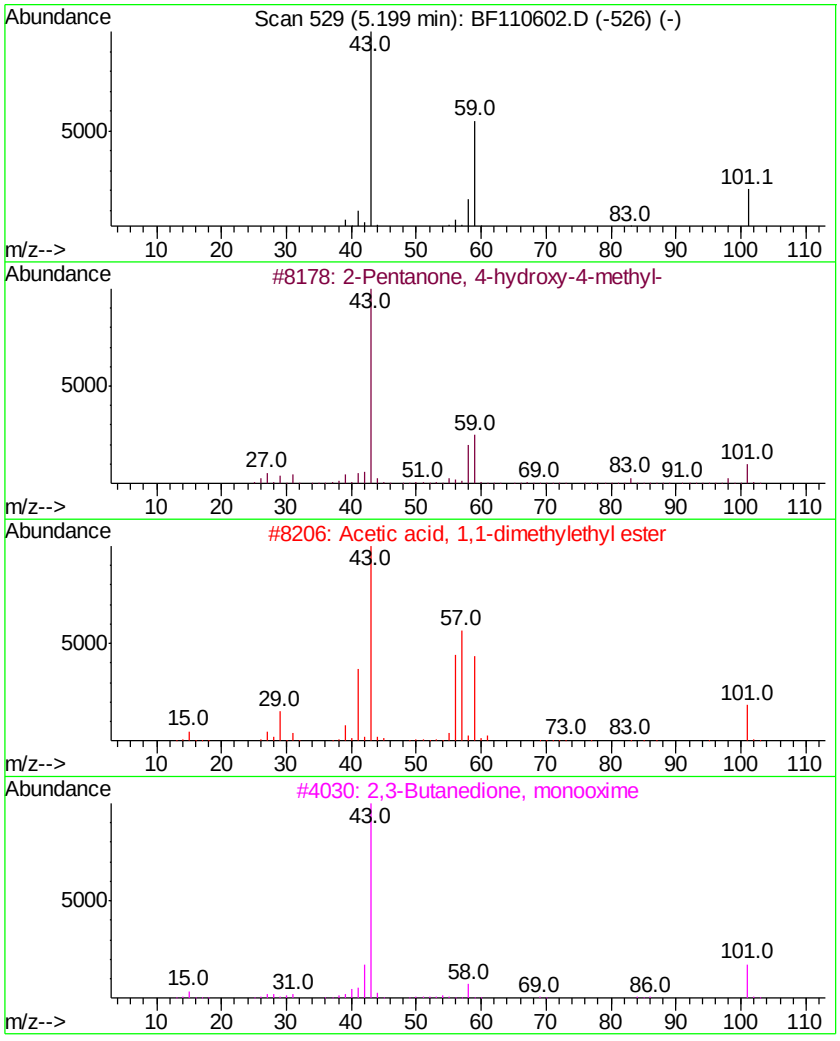
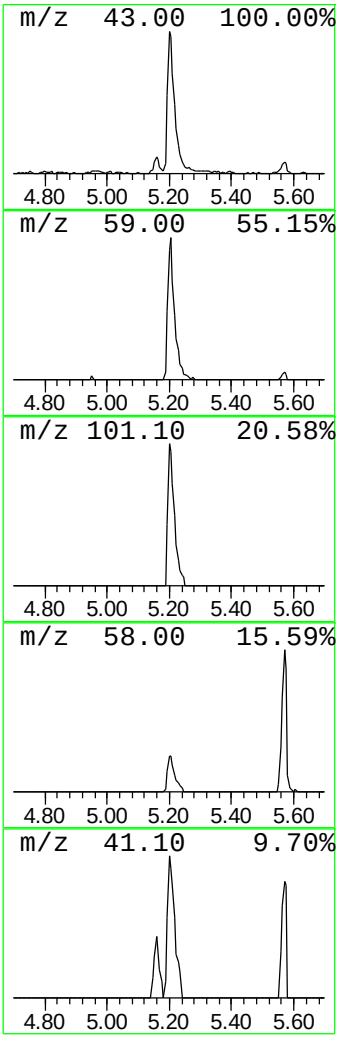
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.97 ng	102312	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	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	3-Hexanol	102	C6H14O	000623-37-0	28
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Library Search Compound Report

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Operator : JU/SJ
Sample : J5838-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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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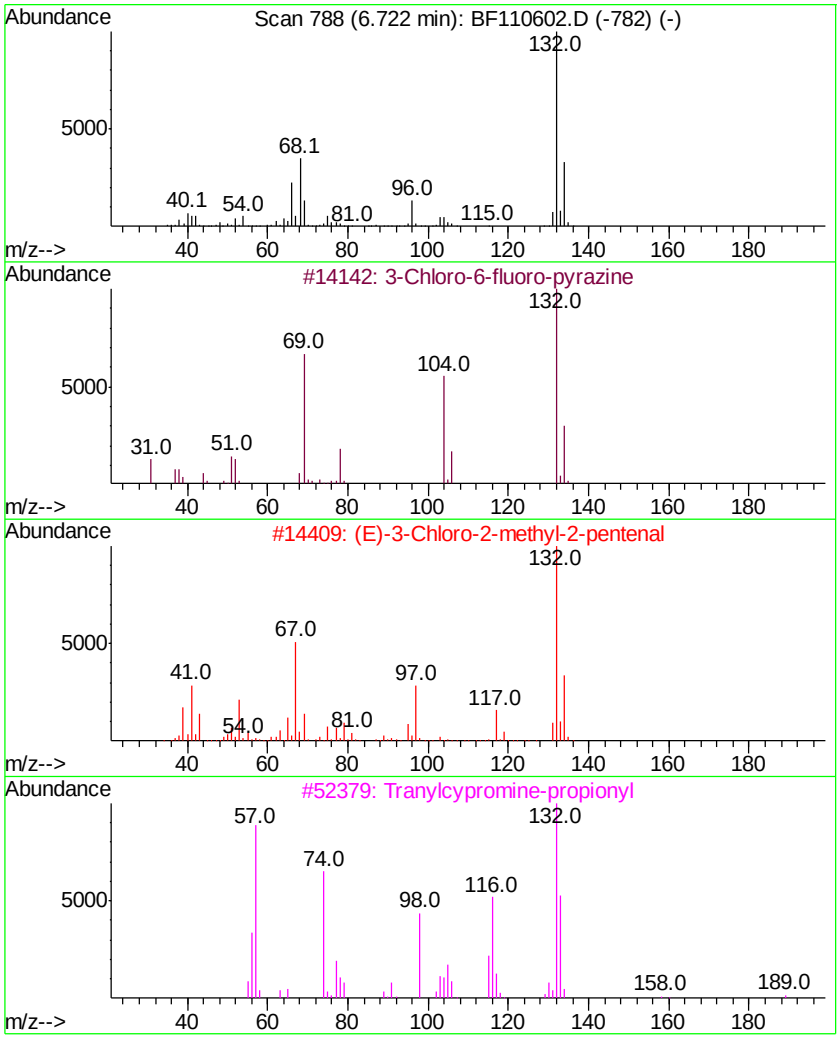
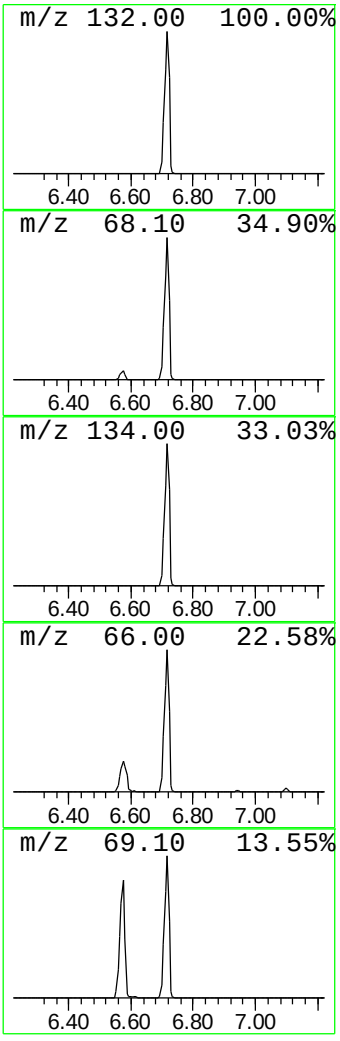
Peak Number 2 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	112.05 ng	2887670	1,4-Dichlorobenzene-d4	6.95

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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Operator : JU/SJ
Sample : J5838-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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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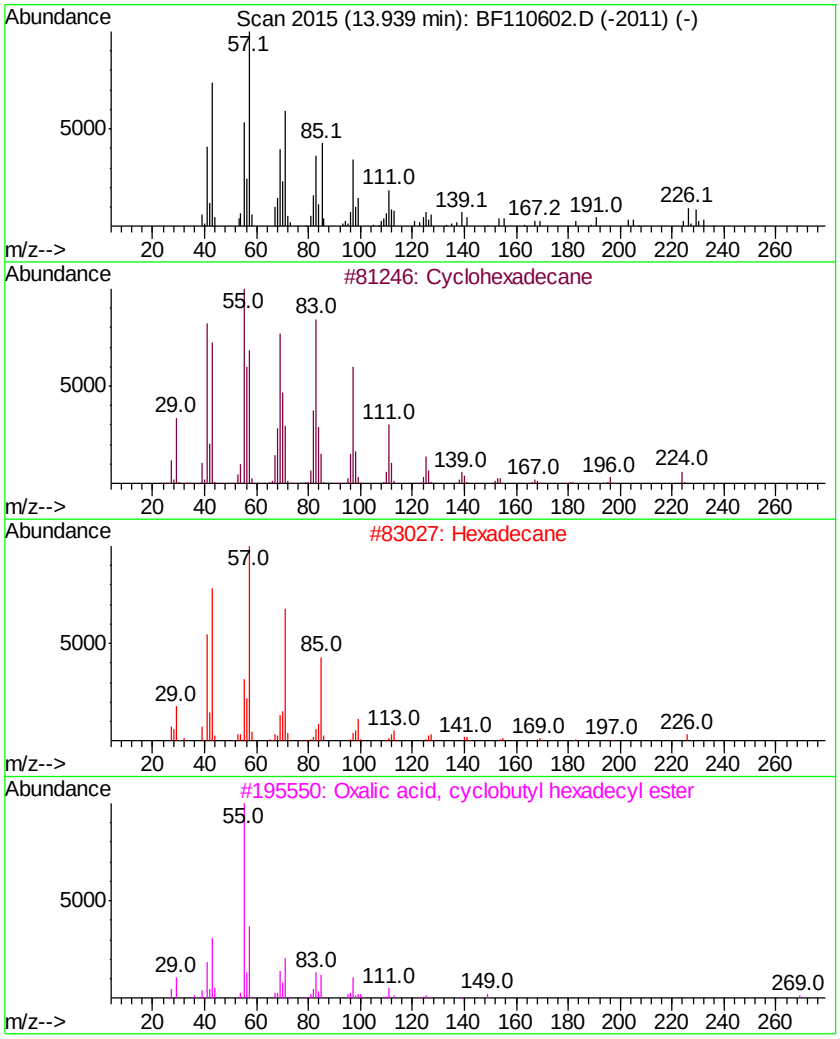
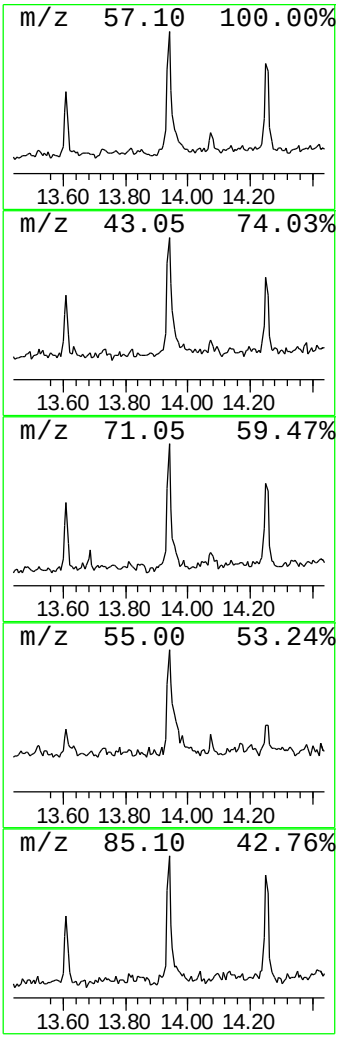
Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	3.97 ng	125054	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Hexadecane	226	C16H34	000544-76-3	95
3	Oxalic acid, cyclobutyl hexadecy...	368	C22H40O4	1000309-70-6	90
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	90
5	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87





Library Search Compound Report

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Acq On : 8 Nov 2018 23:08
Operator : JU/SJ
Sample : J5838-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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
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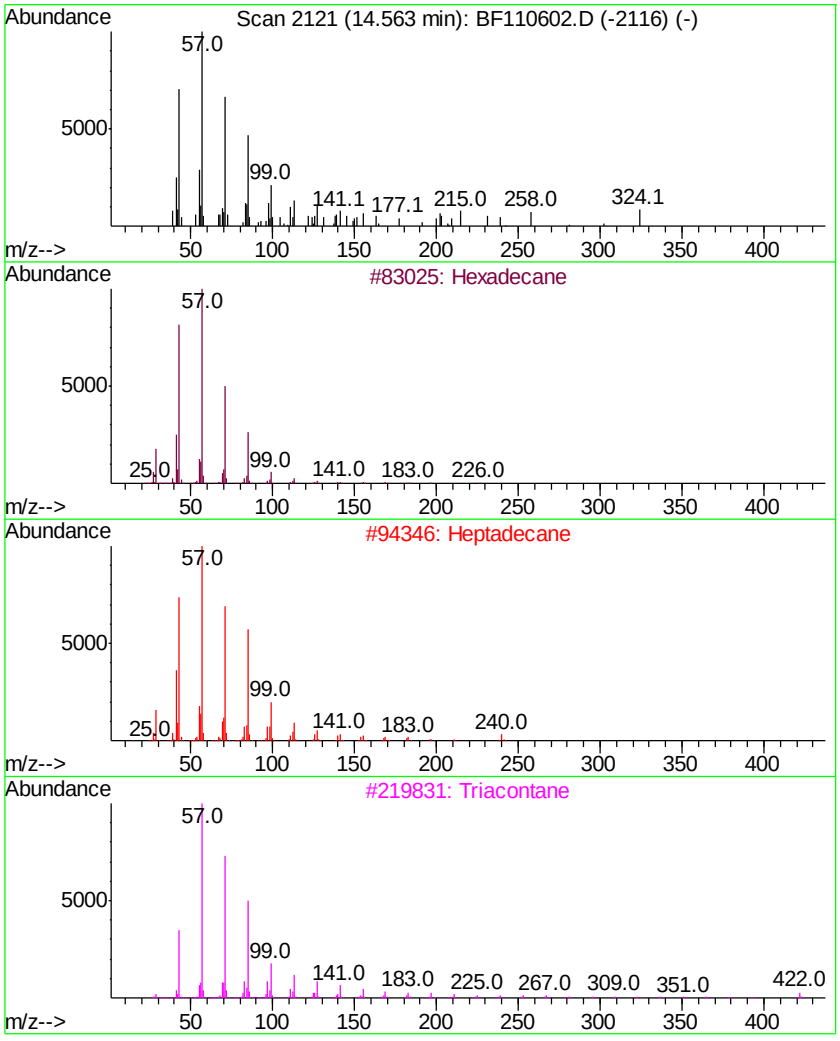
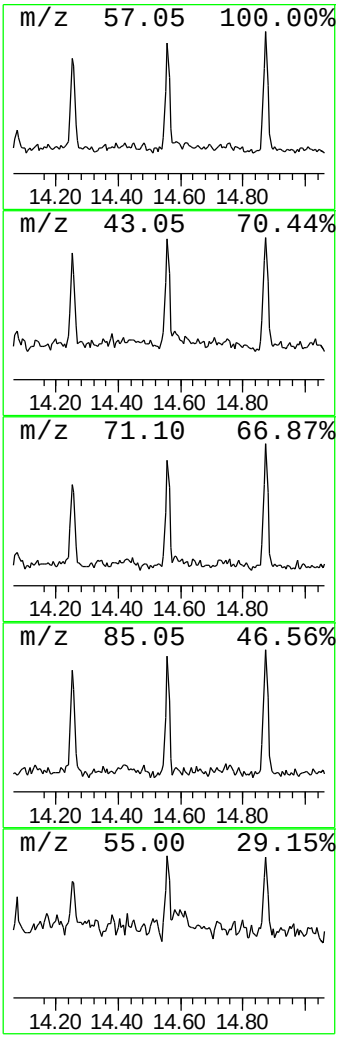
Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.10 ng	66138	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	83
3	Triacontane	422	C30H62	000638-68-6	83
4	Octadecane	254	C18H38	000593-45-3	80
5	Heneicosane	296	C21H44	000629-94-7	74





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Misc :
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Instrument : BNA_F
ClientSampleId : HC-SOIL-2

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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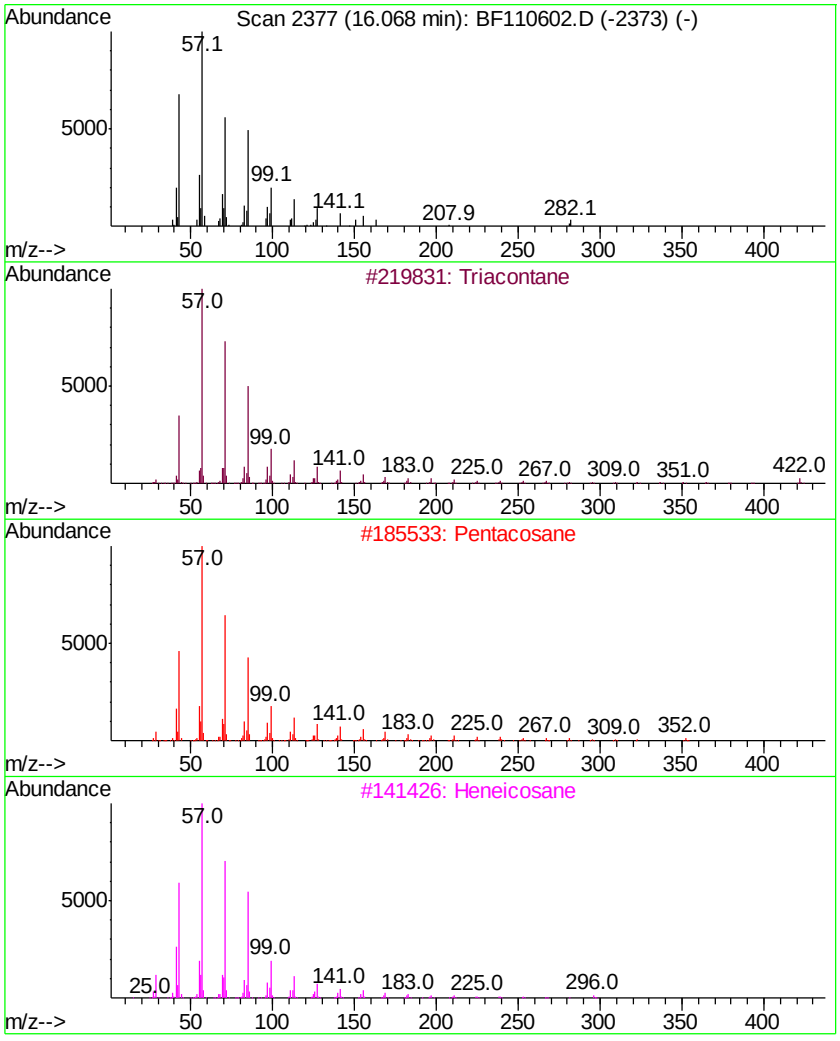
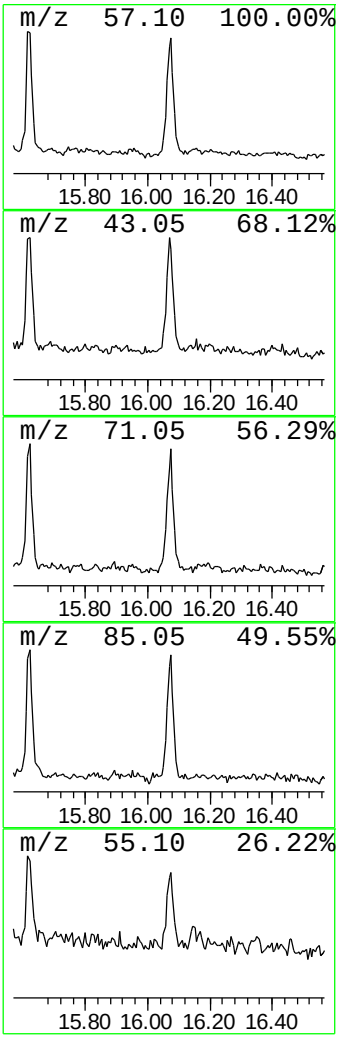
Peak Number 6 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	3.49 ng	77418	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Pentacosane	352	C25H52	000629-99-2	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Misc :
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Instrument : BNA_F
ClientSampleId : HC-SOIL-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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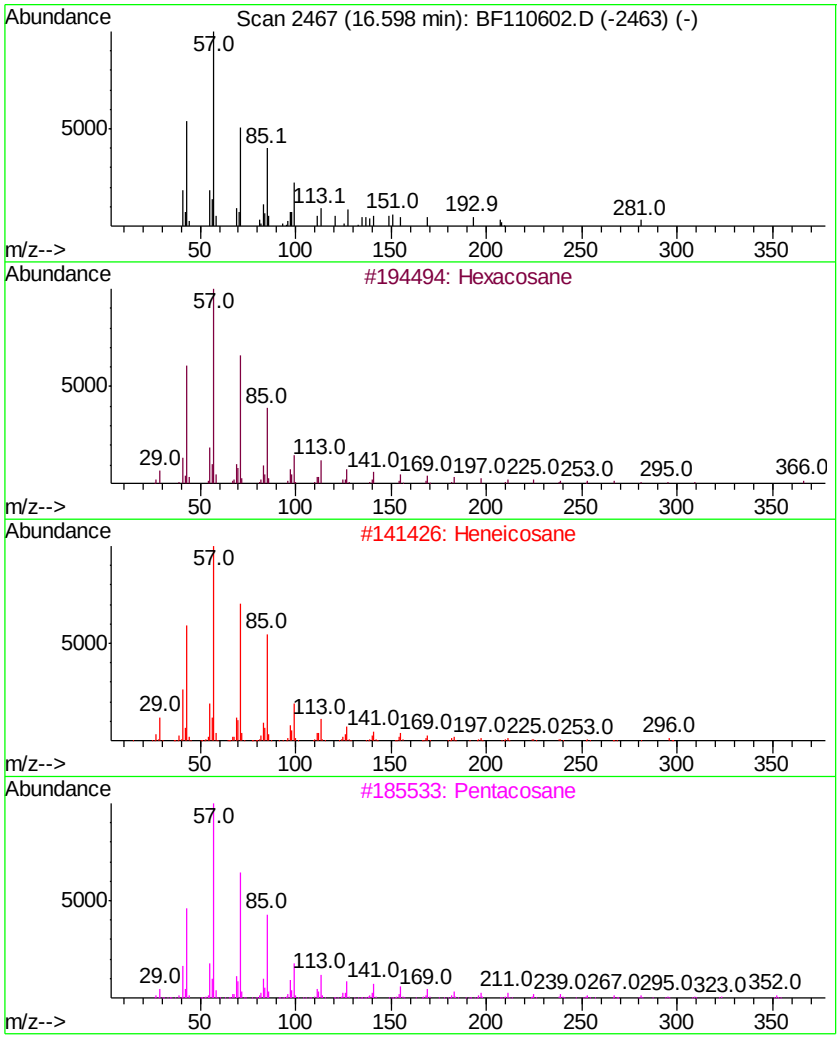
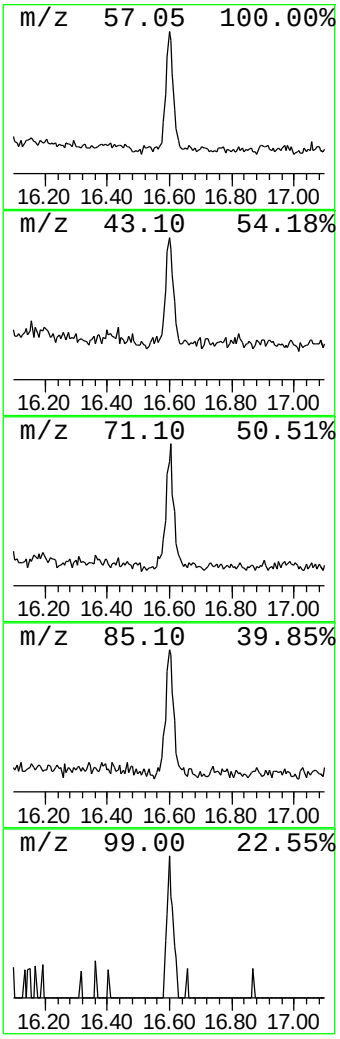
Peak Number 7 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	2.36 ng	52330	Perylene-d12	15.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	74
2	Heneicosane	296	C21H44	000629-94-7	74
3	Pentacosane	352	C25H52	000629-99-2	72
4	Hentriacontane	437	C31H64	000630-04-6	72
5	Octadecane	254	C18H38	000593-45-3	72





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.20	4.0	ng	102312	1	6.95	515444	20.0
unknown6.72	6.72	112.1	ng	2887670	1	6.95	515444	20.0
Cyclohexadecane	13.94	4.0	ng	125054	5	14.13	630340	20.0
Hexadecane	14.56	2.1	ng	66138	5	14.13	630340	20.0
Triacontane	16.07	3.5	ng	77418	6	15.65	443572	20.0
Hexacosane	16.60	2.4	ng	52330	6	15.65	443572	20.0