LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
Data File : BF107360.D
Acq On : 13 Jul 2018 12:11
Operator : JU/SJ
Sample : J3947-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-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-BF061918.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	5.166	477	481	495	rBV	151688	213085	16.21%	1.735%
2	5.572	547	550	573	rBV	1179565	1288573	98.02%	10.492%
3	6.578	717	721	739	rBV	1120373	1301696	99.02%	10.599%
4	6.707	739	743	747	rVV	1343085	1261539	95.97%	10.272%
5	6.766	750	753	762	rVB	13228	20517	1.56%	0.167%
6	6.925	777	780	787	rVB	335967	314513	23.93%	2.561%
7	7.084	803	807	821	rBB	1125817	989211	75.25%	8.054%
8	7.495	873	877	887	rBV	774401	828399	63.02%	6.745%
9	8.213	995	999	1010	rBV	377216	364421	27.72%	2.967%
10	9.289	1177	1182	1197	rBV	1275640	1259568	95.82%	10.256%
11	9.683	1245	1249	1256	rBV	224040	202972	15.44%	1.653%
12	9.978	1295	1299	1303	rBV	379026	346842	26.38%	2.824%
13	10.777	1431	1435	1447	rBV	748843	751505	57.17%	6.119%
14	11.472	1550	1553	1560	rBV	370569	363011	27.61%	2.956%
15	12.013	1643	1645	1649	rVB	18937	16159	1.23%	0.132%
16	12.472	1720	1723	1726	rBV	22907	21594	1.64%	0.176%
17	12.930	1798	1801	1805	rVB	26675	23713	1.80%	0.193%
18	13.060	1818	1823	1826	rBV	1482772	1314562	100.00%	10.704%
19	13.260	1851	1857	1861	rBV	25117	25183	1.92%	0.205%
20	13.601	1912	1915	1918	rBV	40229	33405	2.54%	0.272%
21	13.930	1968	1971	1978	rBV2	70020	99374	7.56%	0.809%
22	14.130	2001	2005	2009	rBV	514275	494009	37.58%	4.022%
23	14.248	2021	2025	2029	rBV	54003	49102	3.74%	0.400%
24	14.560	2074	2078	2080	rBV	55614	62923	4.79%	0.512%
25	14.871	2128	2131	2136	rVB	50213	49143	3.74%	0.400%
26	15.218	2187	2190	2198	rVB2	46589	64360	4.90%	0.524%
27	15.618	2253	2258	2261	rBV2	29499	43268	3.29%	0.352%
28	15.671	2261	2267	2280	rVB	318359	442343	33.65%	3.602%
29	16.071	2332	2335	2341	rVB4	24456	36513	2.78%	0.297%

Sum of corrected areas: 12281503

LSC Report - Integrated Chromatogram

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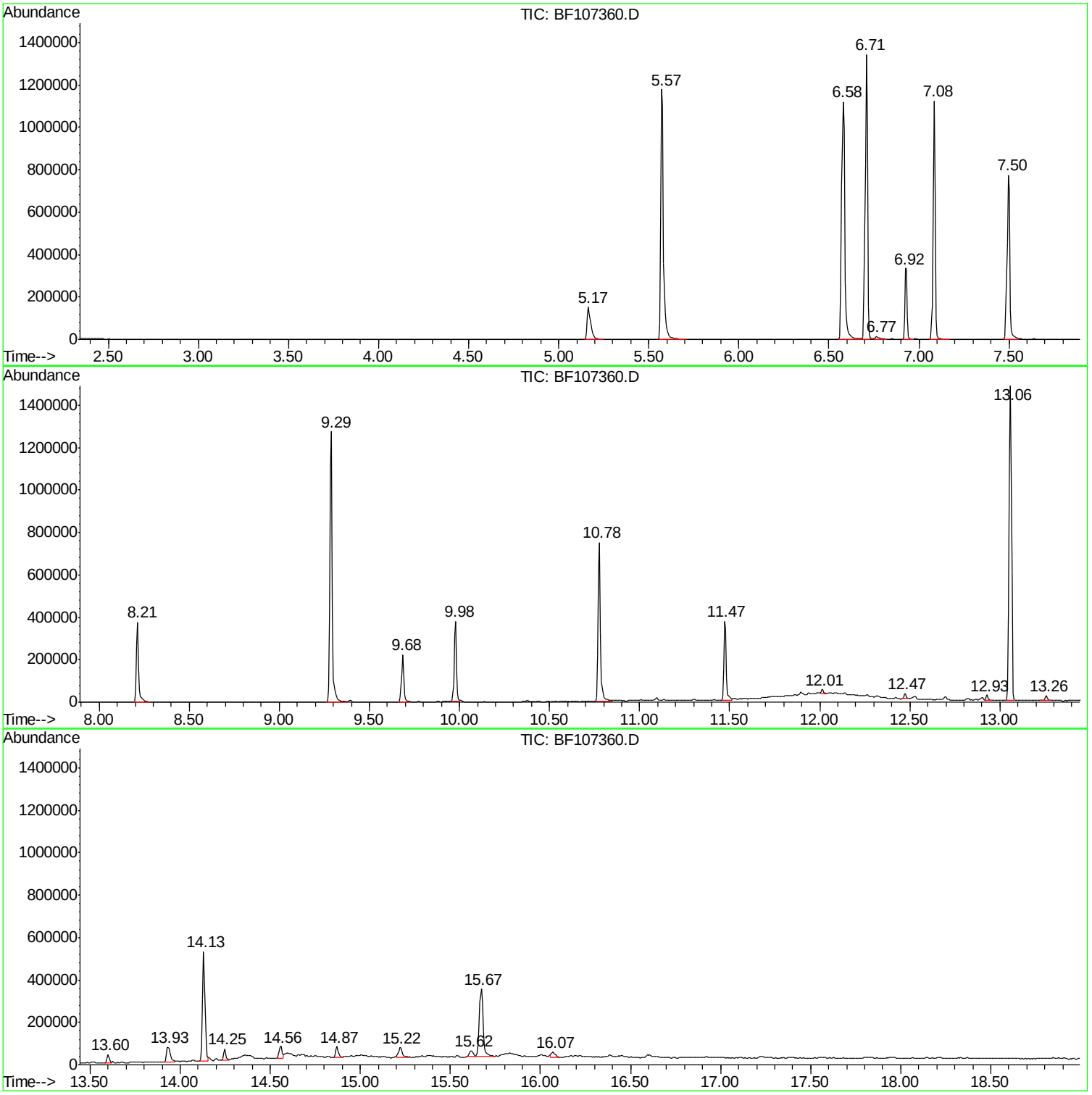
Instrument : BNA_F
ClientSampleId : PAR-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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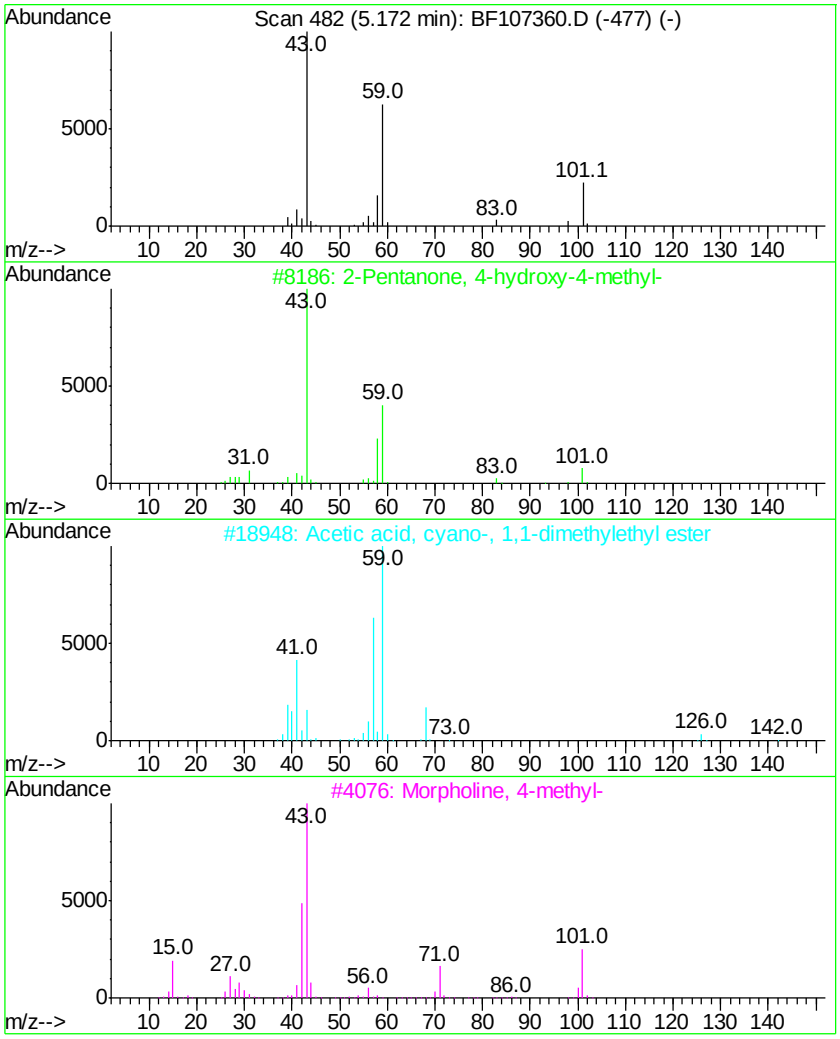
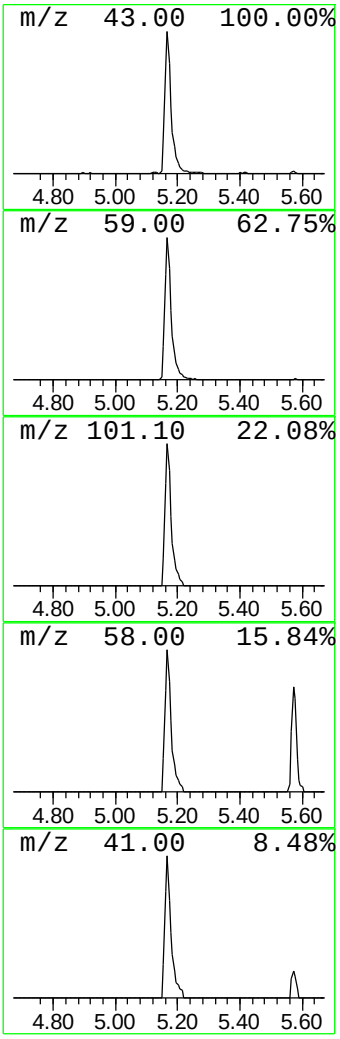
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	13.55 ng	213085	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Sample : J3947-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.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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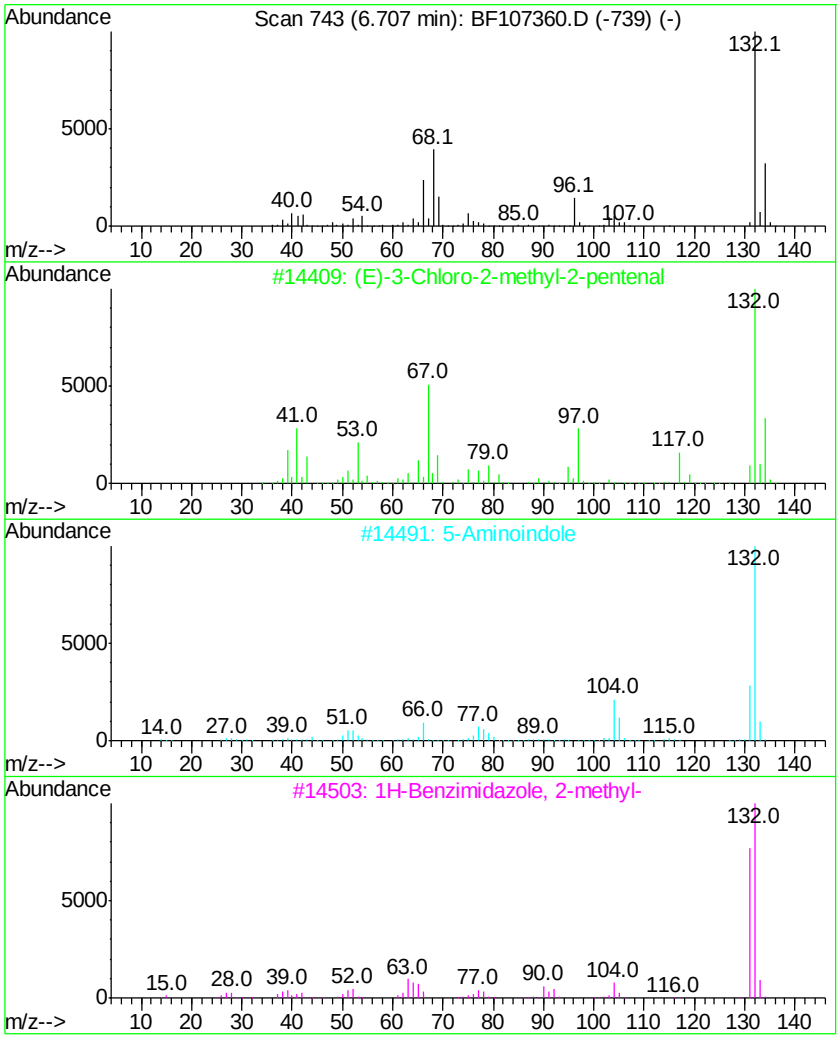
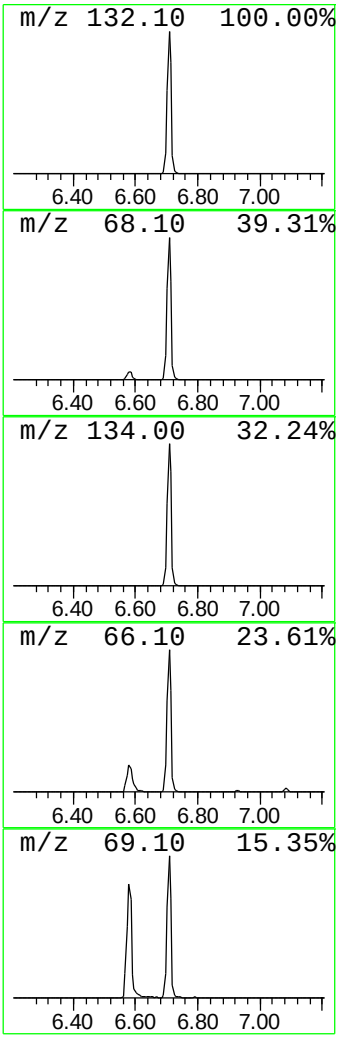
Peak Number 2 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	80.22 ng	1261540	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
ClientSampleId : PAR-1

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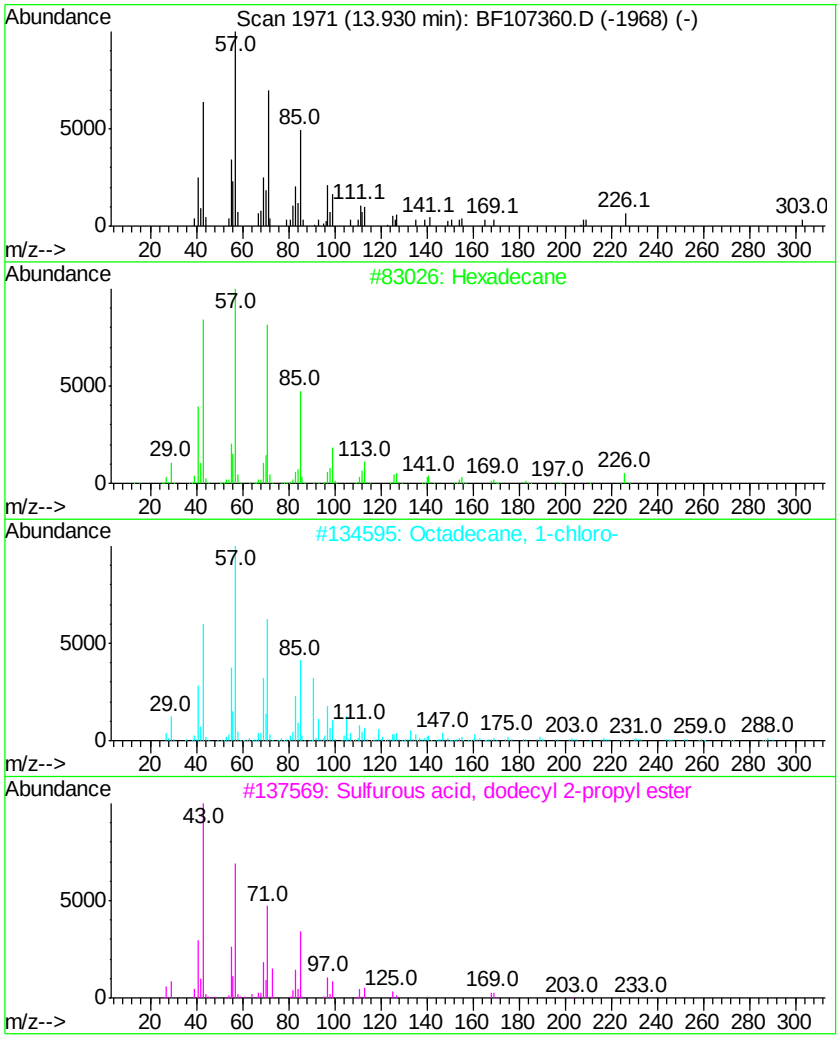
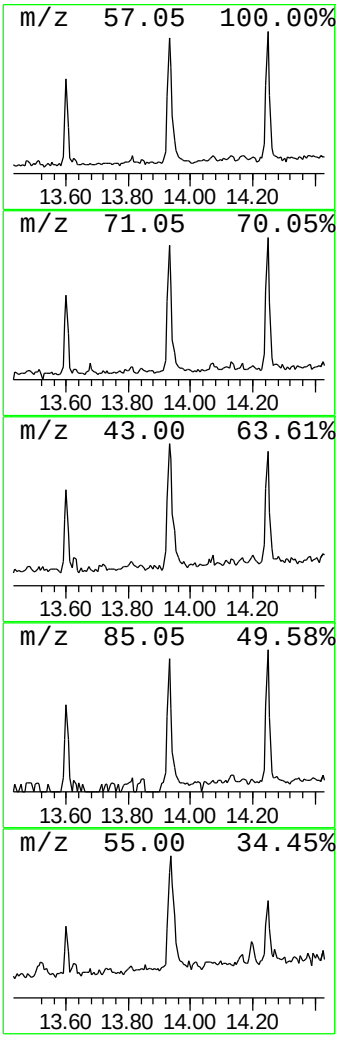
Peak Number 4 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	4.02 ng	99374	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : PAR-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
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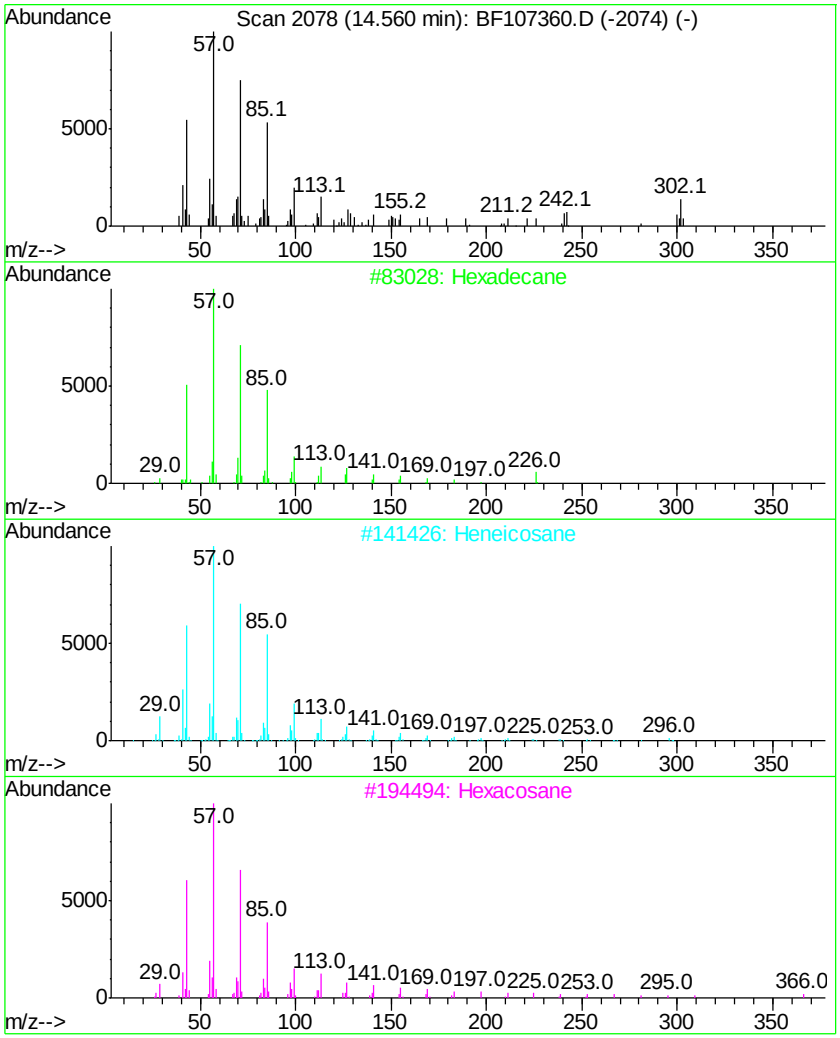
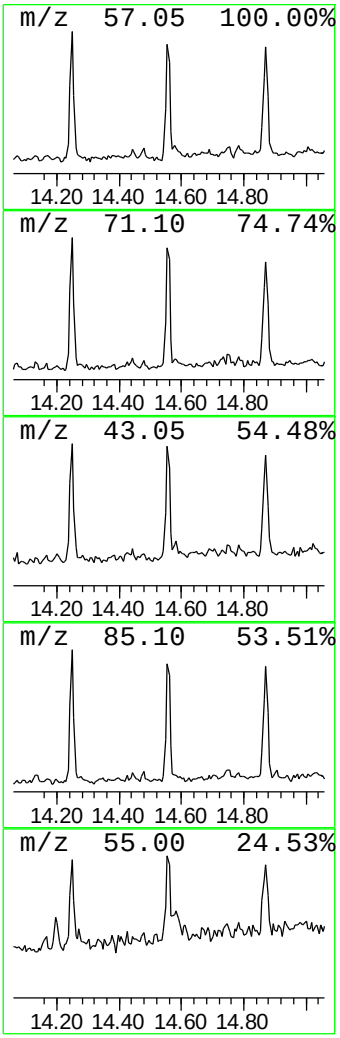
Peak Number 5 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.55 ng	62923	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Heneicosane	296	C21H44	000629-94-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Pentacosane	352	C25H52	000629-99-2	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : J3947-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAR-1

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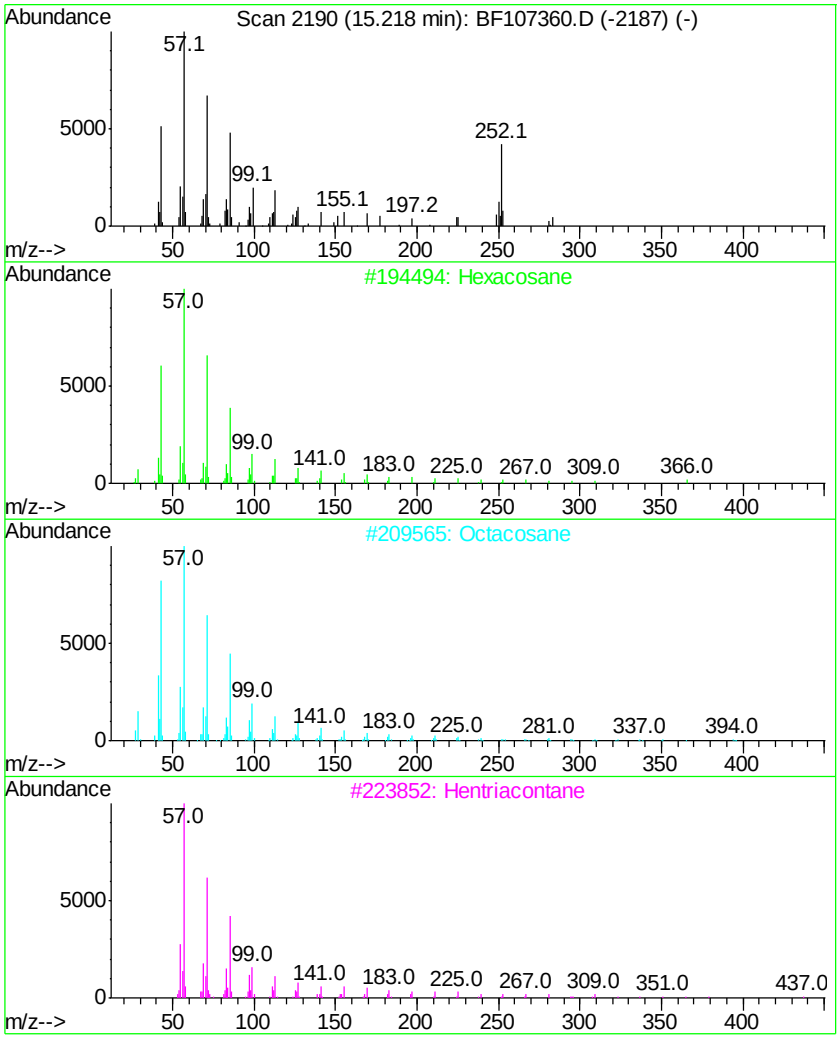
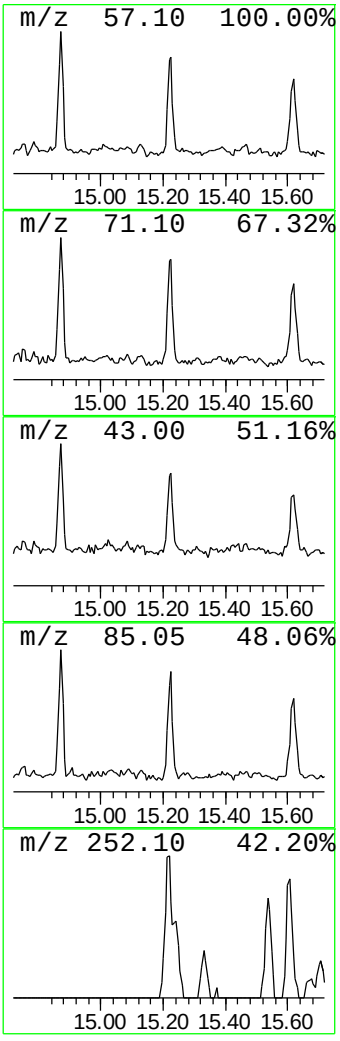
Peak Number 6 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.91 ng	64360	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	64
2	Octacosane	394	C28H58	000630-02-4	64
3	Hentriacontane	437	C31H64	000630-04-6	60
4	Nonadecane, 3-methyl-	282	C20H42	006418-45-7	58
5	Hexadecane	226	C16H34	000544-76-3	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	13.6	ng	213085	1	6.93	314513	20.0
unknown6.71	6.71	80.2	ng	1261540	1	6.93	314513	20.0
Hexadecane	13.93	4.0	ng	99374	5	14.13	494009	20.0
Heneicosane	14.56	2.5	ng	62923	5	14.13	494009	20.0
Hexacosane	15.22	2.9	ng	64360	6	15.67	442343	20.0