LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
Data File : BF109801.D
Acq On : 11 Oct 2018 21:58
Operator : JU/SJ
Sample : J5375-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0691-KM-PA-AMD-COMP

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-BF100818.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	4.887	473	476	495	rVB	77945	117795	5.66%	0.731%
2	5.316	545	549	572	rBV	1177559	1467500	70.50%	9.111%
3	6.346	720	724	741	rBV	1443645	1888378	90.72%	11.724%
4	6.469	741	745	762	rVB	1664112	1877531	90.20%	11.656%
5	6.693	780	783	798	rBV	252667	398811	19.16%	2.476%
6	6.851	806	810	829	rBV	1371879	1470752	70.66%	9.131%
7	7.257	876	879	899	rBV	885970	1204987	57.89%	7.481%
8	7.975	997	1001	1021	rBV	360420	523158	25.13%	3.248%
9	9.045	1180	1183	1217	rBV	1774667	2081538	100.00%	12.923%
10	9.439	1247	1250	1265	rBV	173772	201248	9.67%	1.249%
11	9.722	1294	1298	1318	rBV	516753	559060	26.86%	3.471%
12	10.504	1428	1431	1449	rBV	662414	906039	43.53%	5.625%
13	11.198	1546	1549	1559	rBV	333380	456478	21.93%	2.834%
14	11.269	1559	1561	1568	rVB2	22930	25902	1.24%	0.161%
15	12.774	1814	1817	1841	rVB	1154083	1300656	62.49%	8.075%
16	13.680	1964	1971	1983	rBV2	39128	75594	3.63%	0.469%
17	13.827	1992	1996	2008	rBV	362140	437185	21.00%	2.714%
18	13.998	2021	2025	2031	rVB	22487	22994	1.10%	0.143%
19	14.298	2070	2076	2079	rBV	37890	36440	1.75%	0.226%
20	14.592	2122	2126	2130	rBV	59163	54379	2.61%	0.338%
21	14.904	2175	2179	2183	rBV	69807	78615	3.78%	0.488%
22	15.221	2229	2233	2247	rBV	308785	596625	28.66%	3.704%
23	15.645	2300	2305	2310	rBV	76967	111900	5.38%	0.695%
24	16.098	2376	2382	2389	rBV	60757	103634	4.98%	0.643%
25	16.633	2467	2473	2480	rVB4	26916	52622	2.53%	0.327%
26	17.257	2572	2579	2588	rVB3	14502	35203	1.69%	0.219%
27	17.986	2699	2703	2715	rVB8	7684	22550	1.08%	0.140%

Sum of corrected areas: 16107574

LSC Report - Integrated Chromatogram

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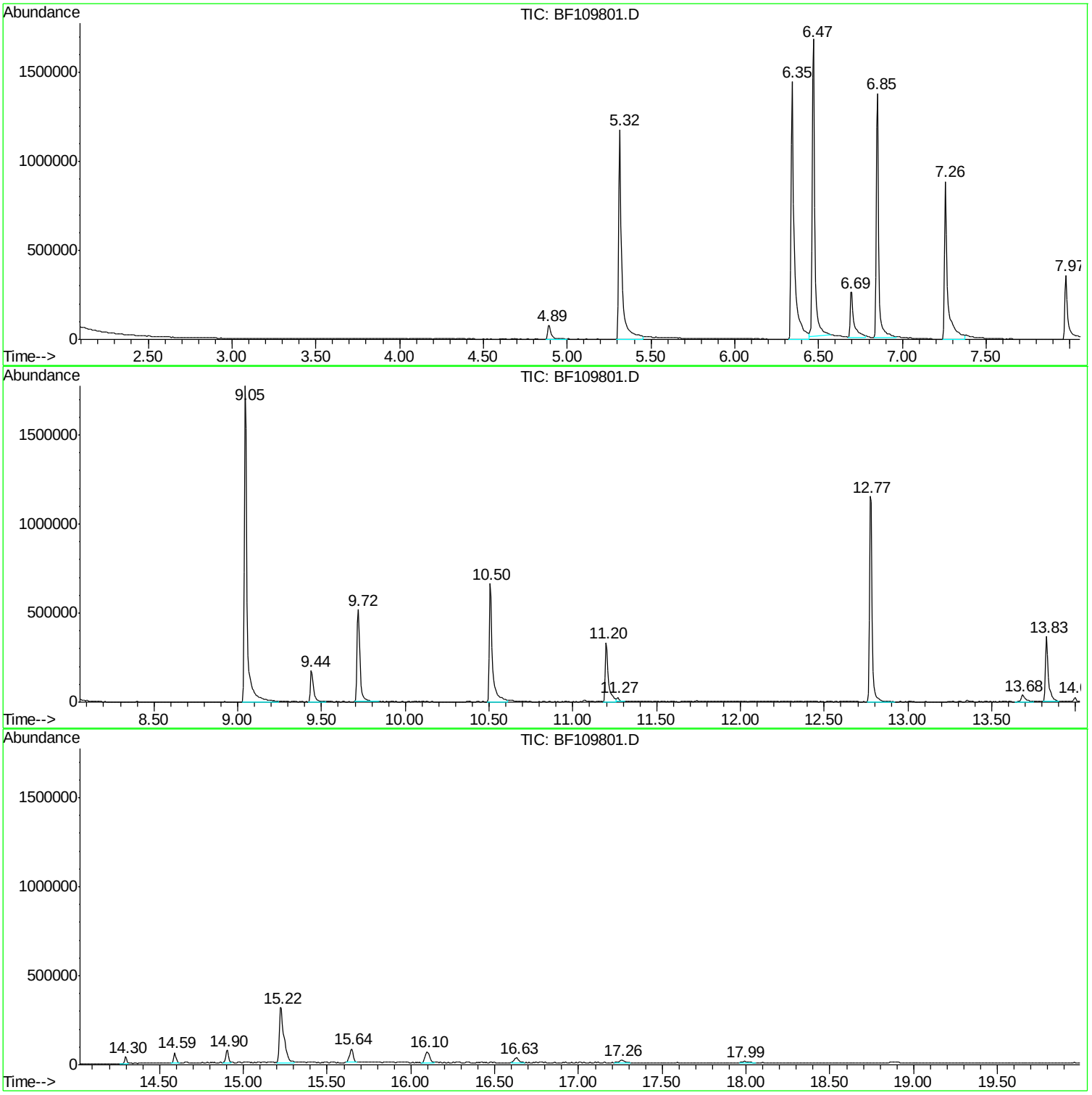
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 0691-KM-PA-AMD-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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ClientSampleId : 0691-KM-PA-AMD-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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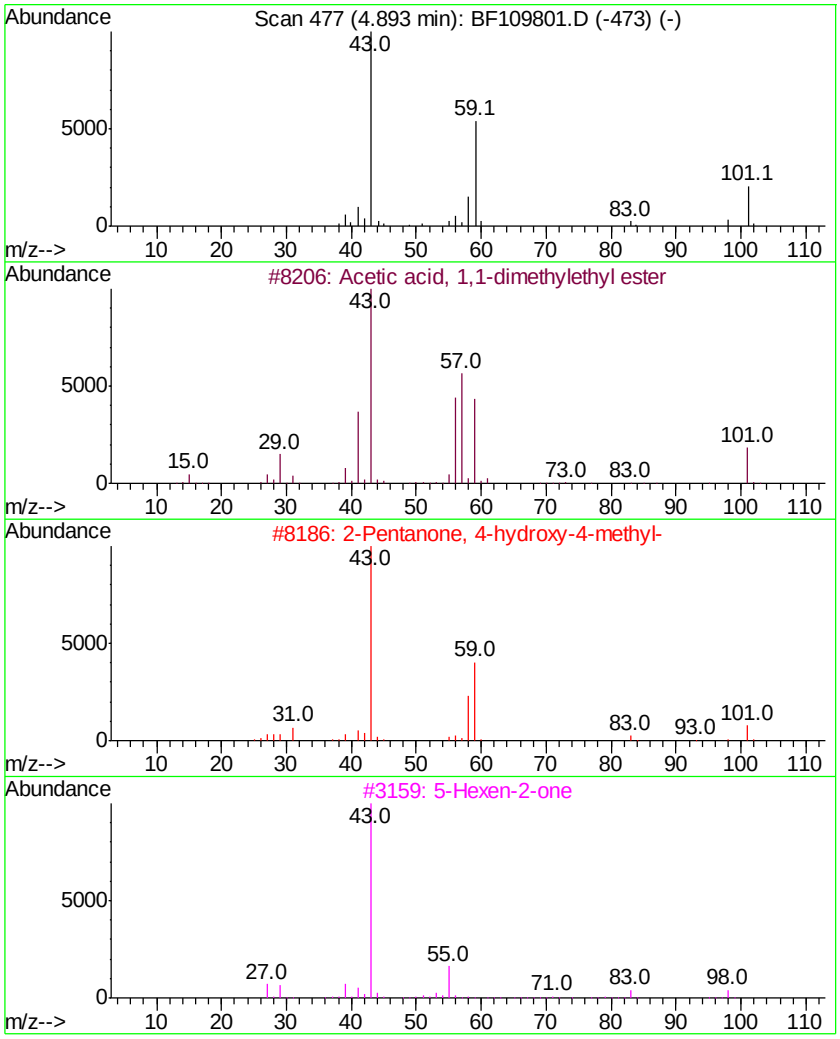
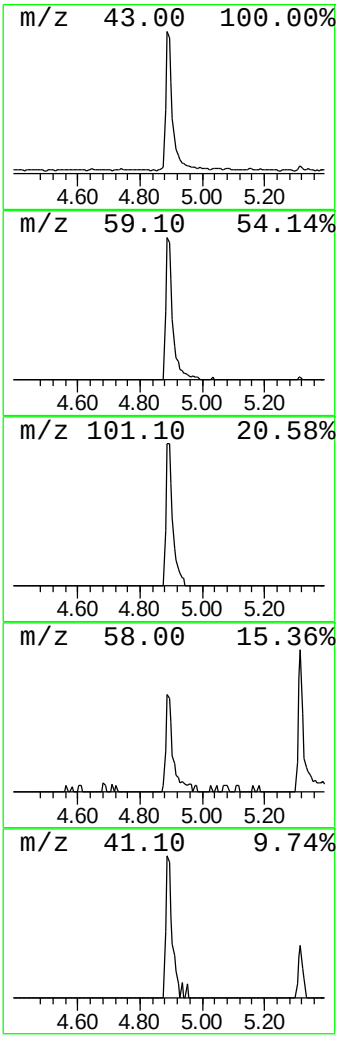
Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	5.91 ng	117795	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Ethanone, 1-(2-methylcyclopropyl)-	98	C6H10O	000930-56-3	9
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	9





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Instrument : BNA_F
ClientSampleId : 0691-KM-PA-AMD-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.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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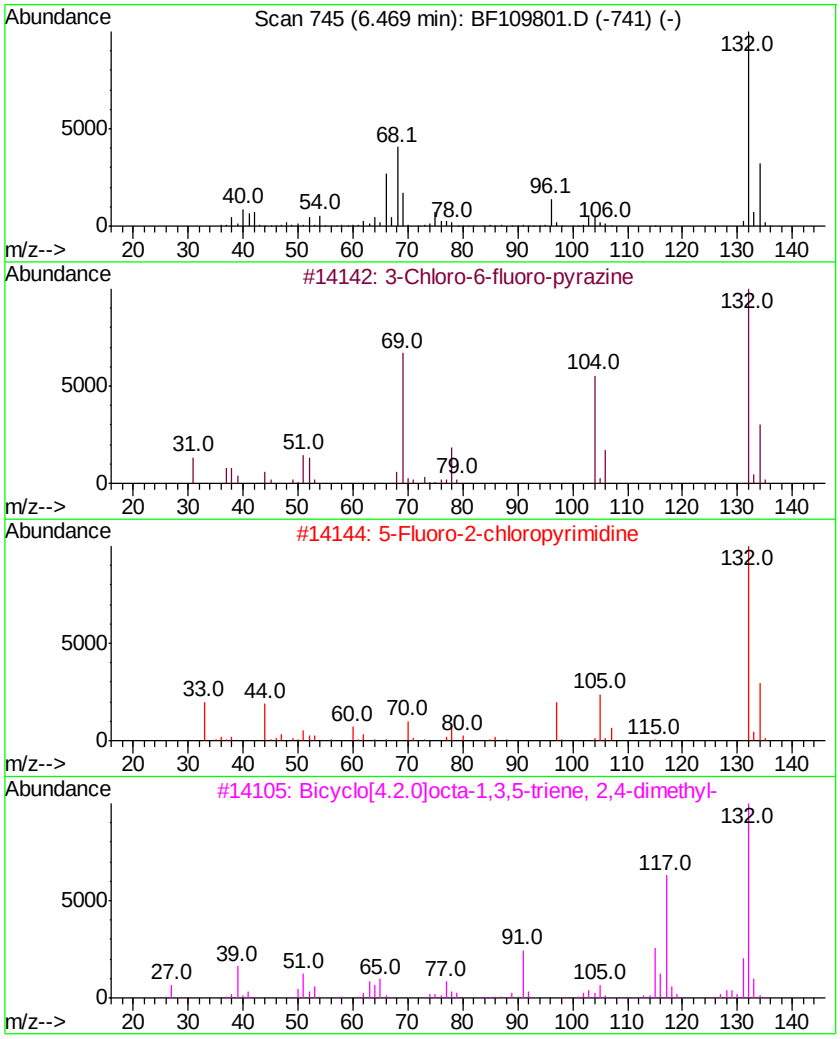
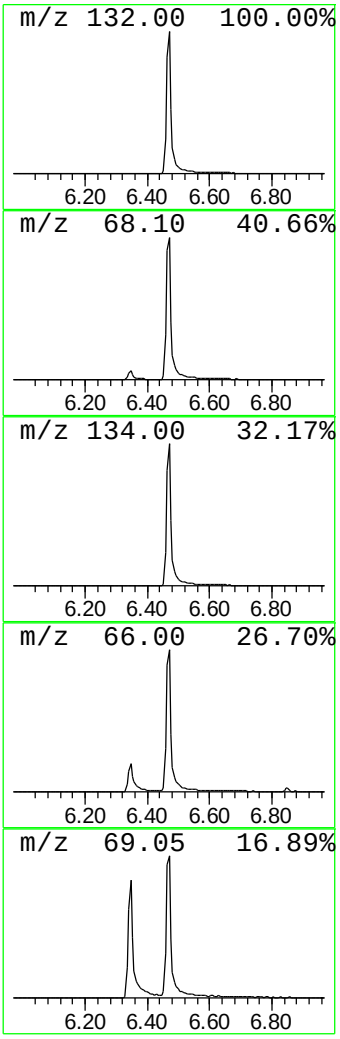
Peak Number 2 unknown6.47 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	94.16 ng	1877530	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

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ClientSampleId : 0691-KM-PA-AMD-COMP

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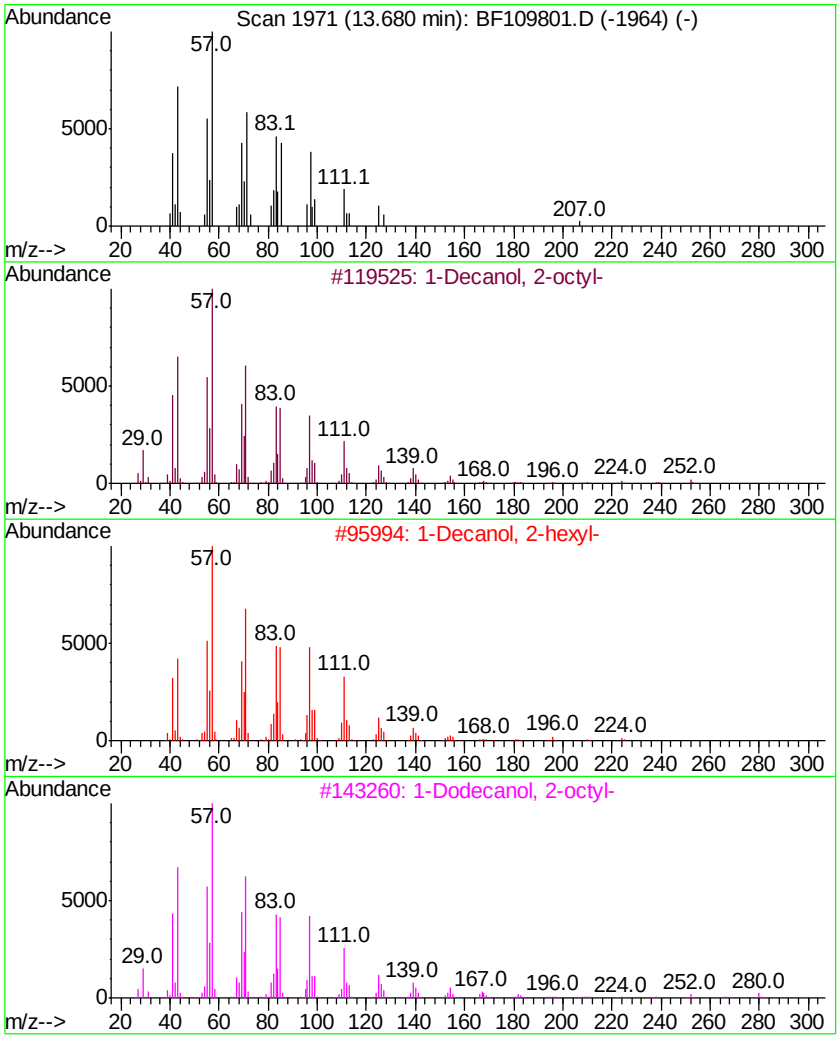
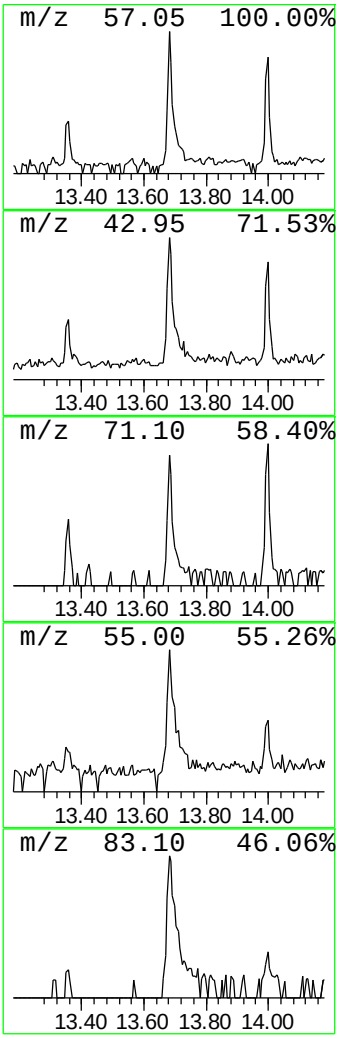
Peak Number 4 1-Decanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	3.46 ng	75594	Chrysene-d12	13.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
4	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	90
5	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	90





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Instrument : BNA_F
ClientSampleId : 0691-KM-PA-AMD-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
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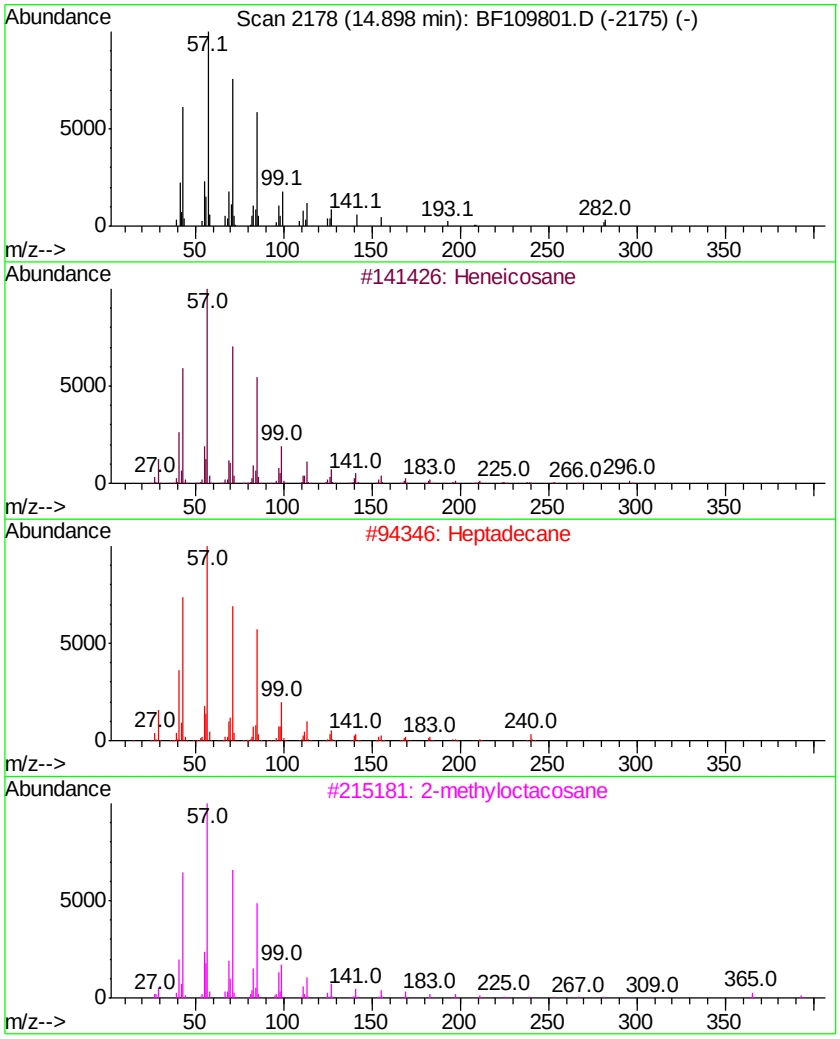
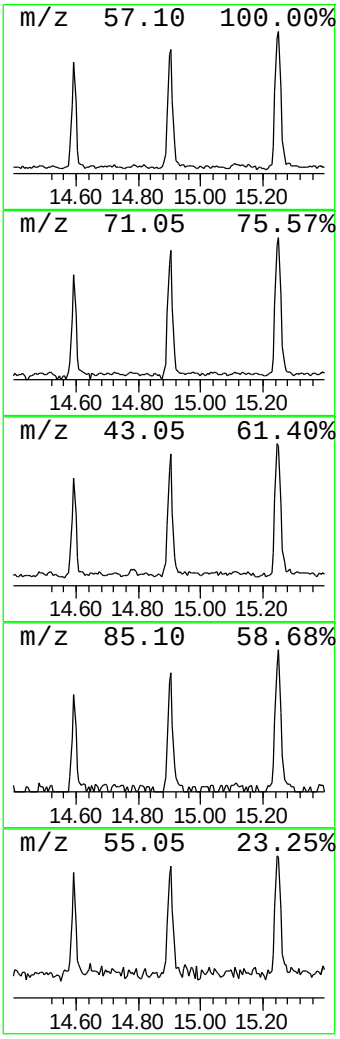
Peak Number 5 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	2.64 ng	78615	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Octacosane	394	C28H58	000630-02-4	90





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Sample : J5375-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0691-KM-PA-AMD-COMP

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TIC Integration Parameters: LSCINT.P

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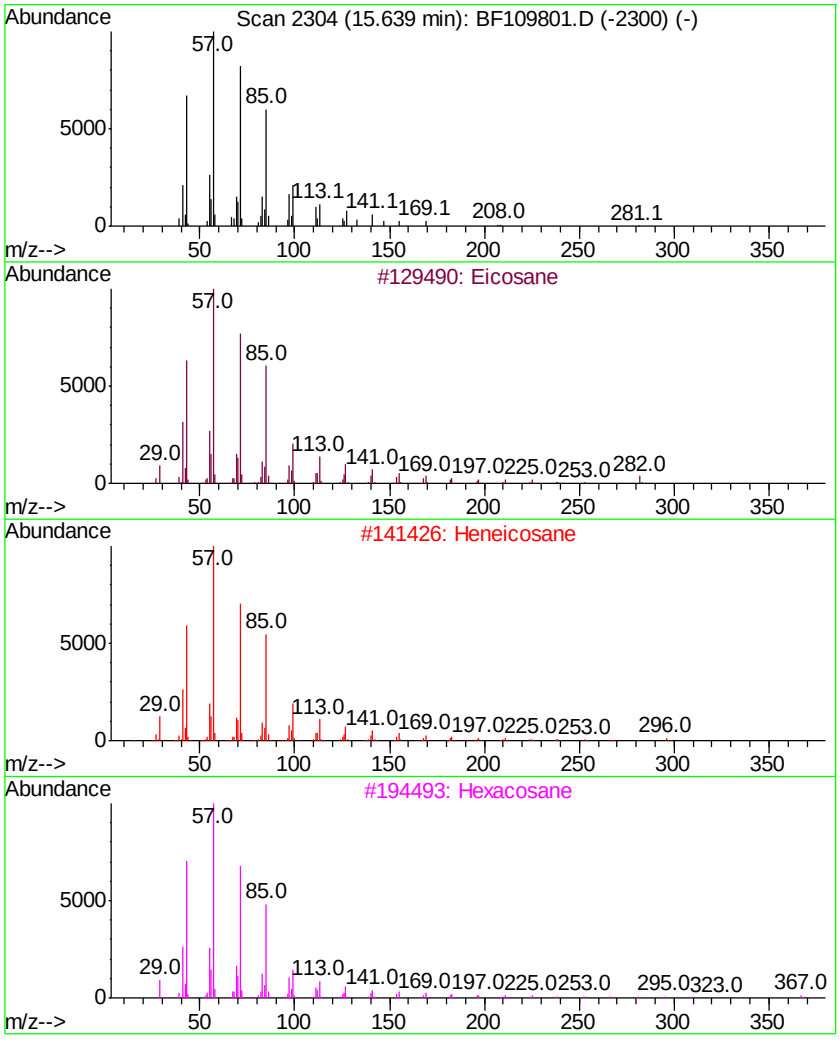
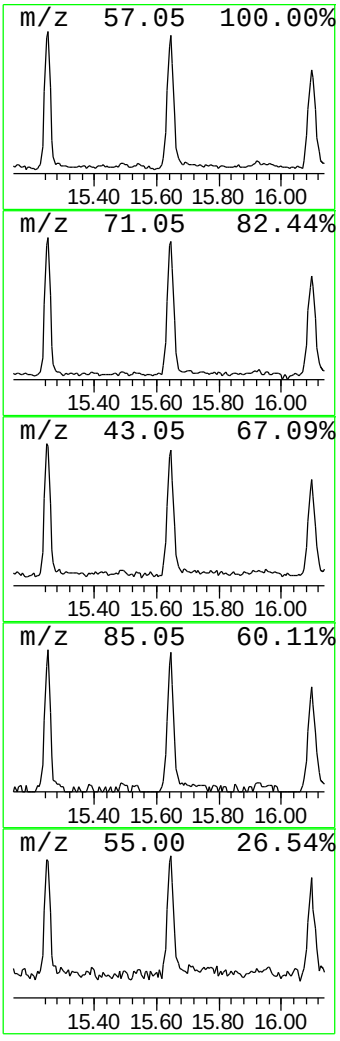
Peak Number 6 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.75 ng	111900	Perylene-d12	15.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid, 1,1-...	4.89	5.9	ng	117795	1	6.70	398811	20.0
unknown6.47	6.47	94.2	ng	1877530	1	6.70	398811	20.0
1-Decanol, 2-octyl-	13.68	3.5	ng	75594	5	13.83	437185	20.0
Heneicosane	14.90	2.6	ng	78615	6	15.23	596625	20.0
Eicosane	15.64	3.8	ng	111900	6	15.23	596625	20.0