LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
Data File : BF098208.D
Acq On : 31 Aug 2017 21:36
Operator : SJ/JU
Sample : I4963-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3820-PP1

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-BF081517.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	4.916	477	481	494	rVB	107917	139123	3.29%	0.469%
2	5.328	547	551	555	rBV	1839047	1871482	44.28%	6.310%
3	6.357	722	726	729	rBV	1445875	1230592	29.12%	4.149%
4	6.492	744	749	752	rBV	3044658	3053274	72.24%	10.294%
5	6.716	783	787	791	rBV	975519	791527	18.73%	2.669%
6	6.875	809	814	817	rBV	2982236	2798211	66.20%	9.434%
7	7.286	878	884	887	rBV	2276322	2481996	58.72%	8.368%
8	7.998	1001	1005	1009	rBV	1071241	1050671	24.86%	3.542%
9	8.280	1048	1053	1058	rVB	60531	57603	1.36%	0.194%
10	9.080	1183	1189	1192	rBV	3927975	4194469	99.24%	14.142%
11	9.751	1298	1303	1314	rVB2	1309920	1206406	28.54%	4.067%
12	10.545	1432	1438	1441	rBV	2358853	2487349	58.85%	8.386%
13	11.233	1551	1555	1559	rBV	1427547	1287073	30.45%	4.339%
14	12.827	1820	1826	1829	rBV	3642819	4226629	100.00%	14.250%
15	13.868	1997	2003	2006	rBV	1119637	1066966	25.24%	3.597%
16	14.498	2107	2110	2113	rVB	55906	47423	1.12%	0.160%
17	14.951	2184	2187	2192	rBV	38432	42357	1.00%	0.143%
18	15.280	2238	2243	2246	rBV	611509	702557	16.62%	2.369%
19	15.309	2246	2248	2253	rVB	83255	97140	2.30%	0.328%
20	15.715	2313	2317	2323	rVB2	94727	127291	3.01%	0.429%
21	16.186	2392	2397	2404	rVB	112520	189675	4.49%	0.640%
22	16.733	2485	2490	2498	rVB2	90754	184607	4.37%	0.622%
23	17.374	2594	2599	2609	rVB2	80593	183948	4.35%	0.620%
24	18.145	2724	2730	2739	rVB3	55415	141412	3.35%	0.477%

Sum of corrected areas: 29659781

LSC Report - Integrated Chromatogram

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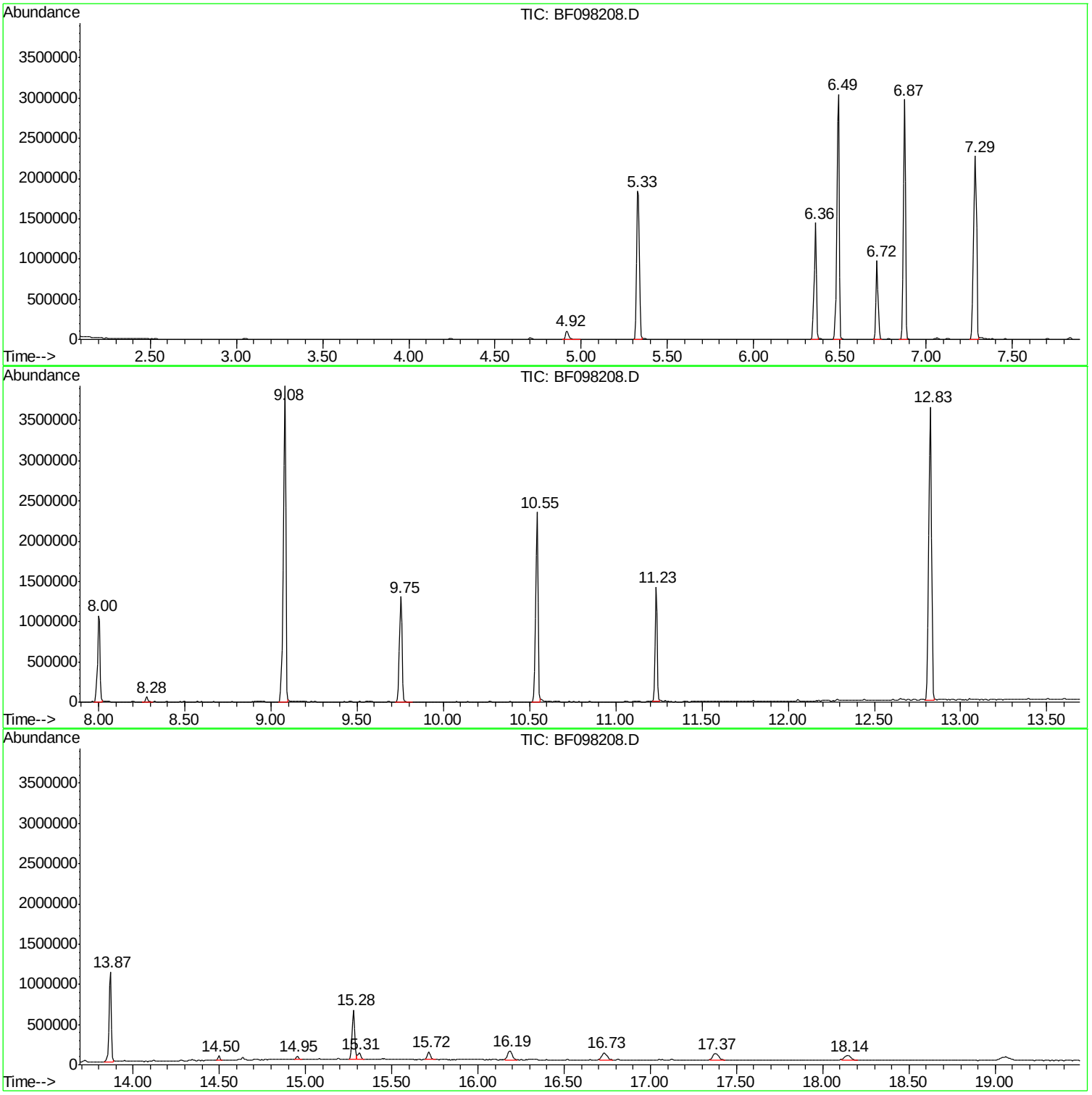
Instrument : BNA_F
ClientSampleId : 3820-PP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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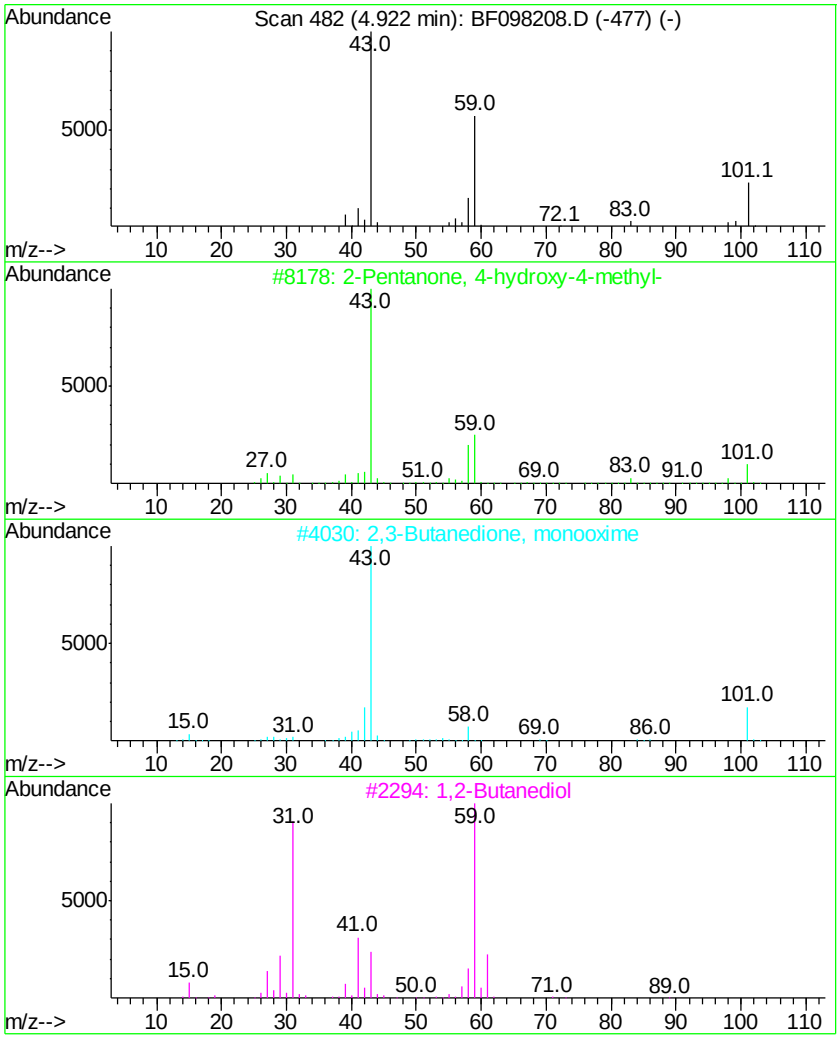
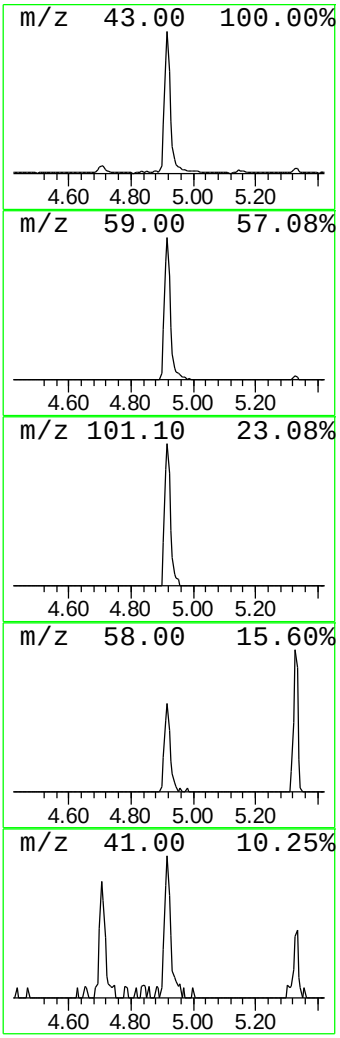
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	3.52 ng	139123	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1,2-Butanediol	90	C4H10O2	000584-03-2	23
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Sample : I4963-01
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3820-PP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.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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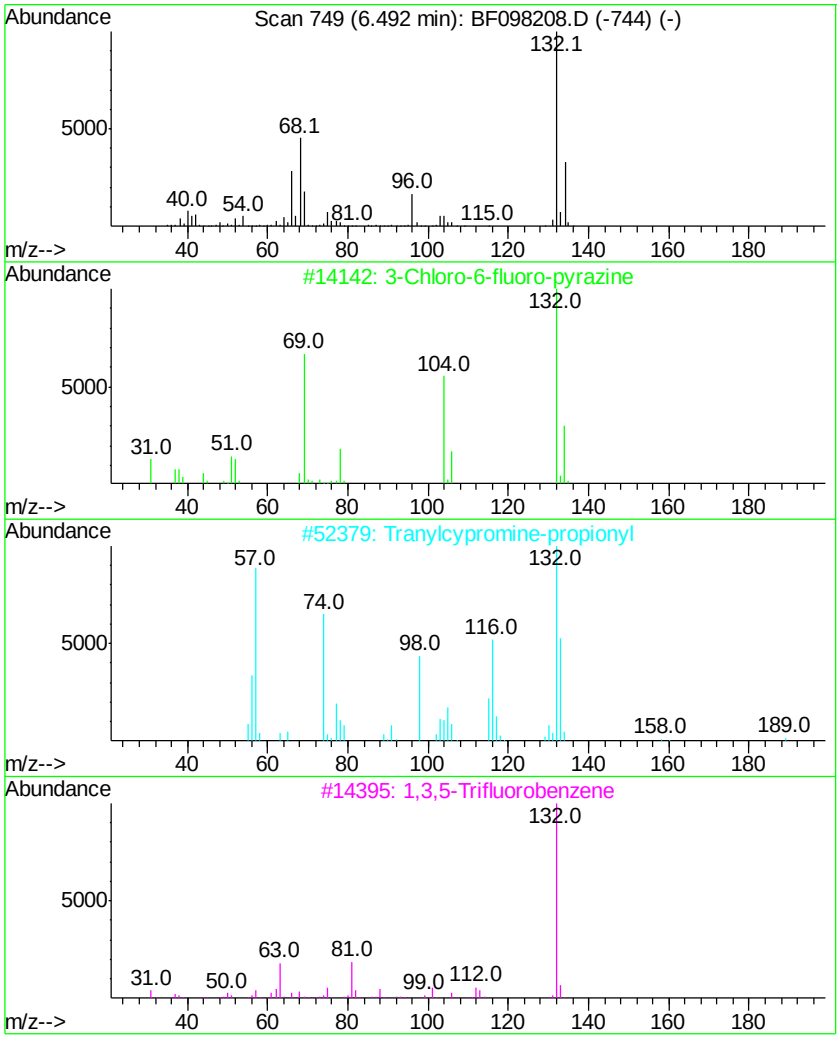
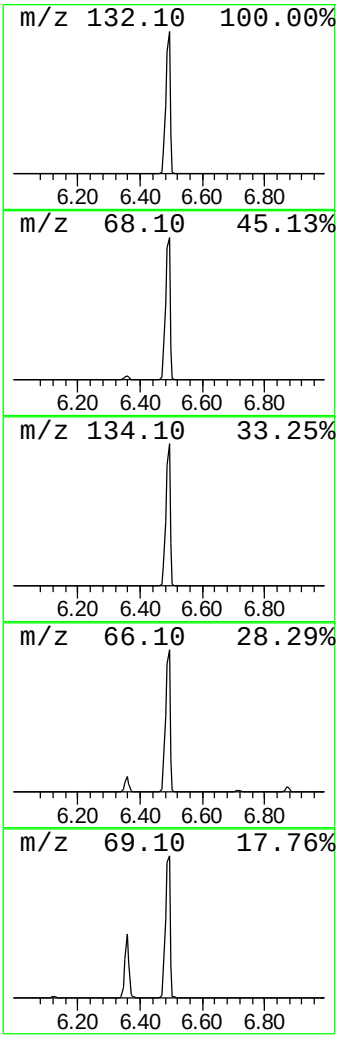
Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	77.15 ng	3053270	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Xenon	132	Xe	007440-63-3	9





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Sample : I4963-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3820-PP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
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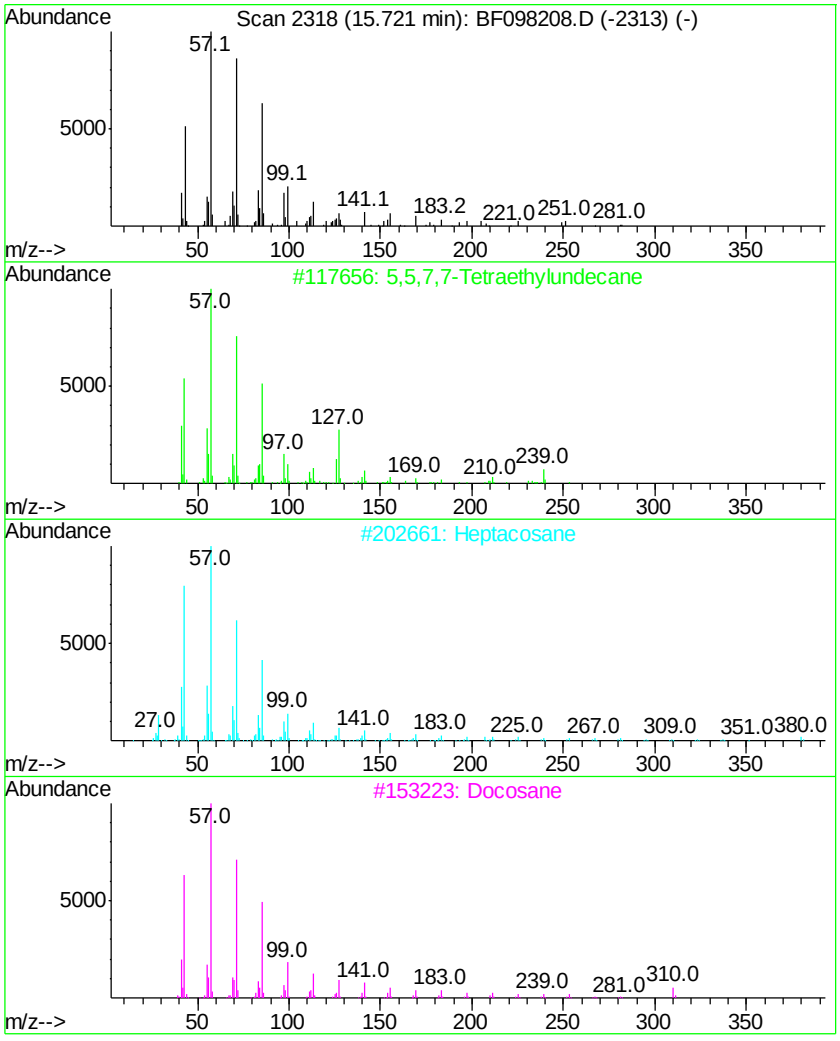
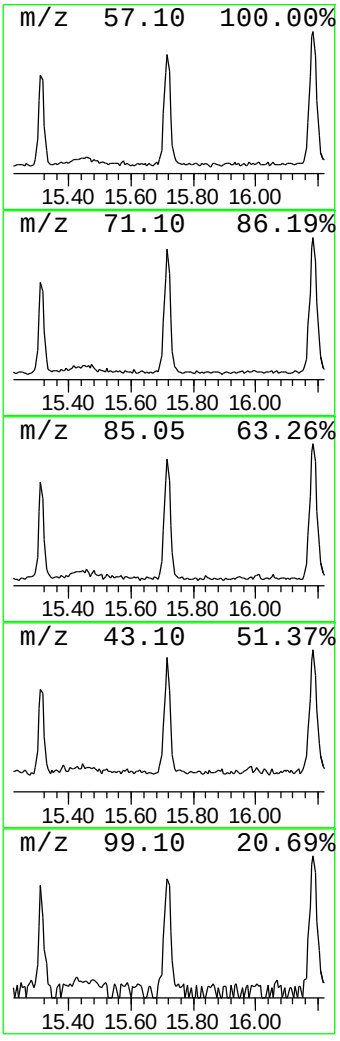
Peak Number 4 5,5,7,7-Tetraethylundecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	3.62 ng	127291	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	90
2	Heptacosane	380	C27H56	000593-49-7	90
3	Docosane	310	C22H46	000629-97-0	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Triacontane	422	C30H62	000638-68-6	86





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Operator : SJ/JU
Sample : I4963-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3820-PP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
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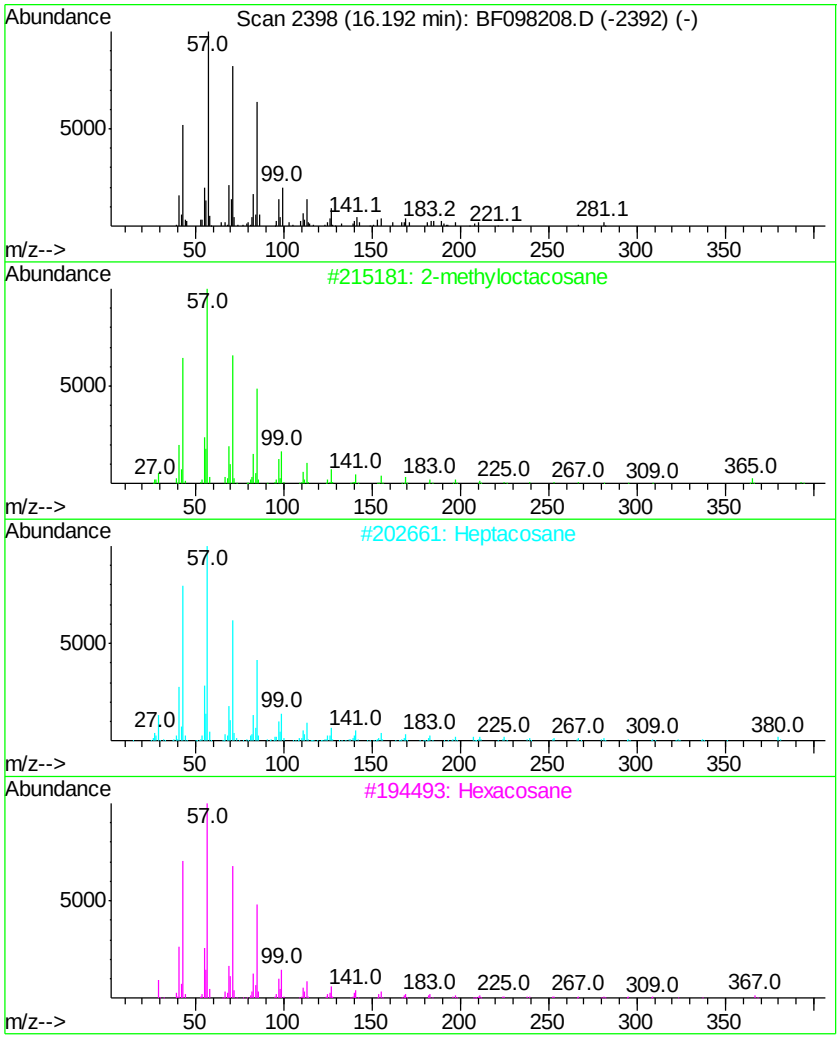
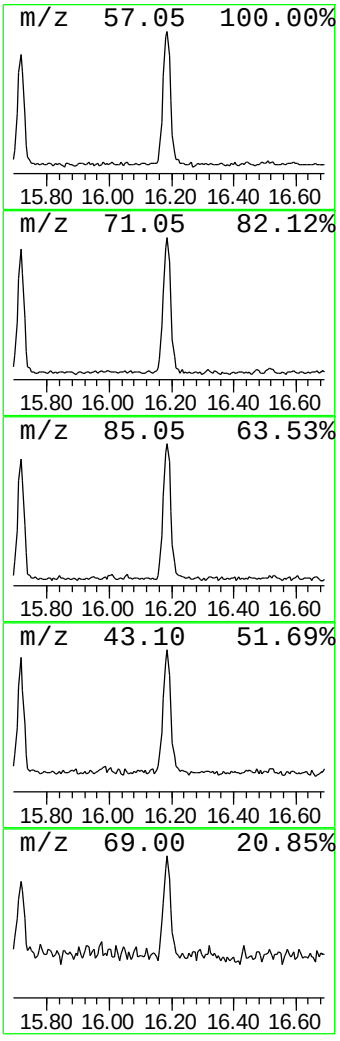
Peak Number 5 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	5.40 ng	189675	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Triacontane	422	C30H62	000638-68-6	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF083117\
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Operator : SJ/JU
Sample : I4963-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3820-PP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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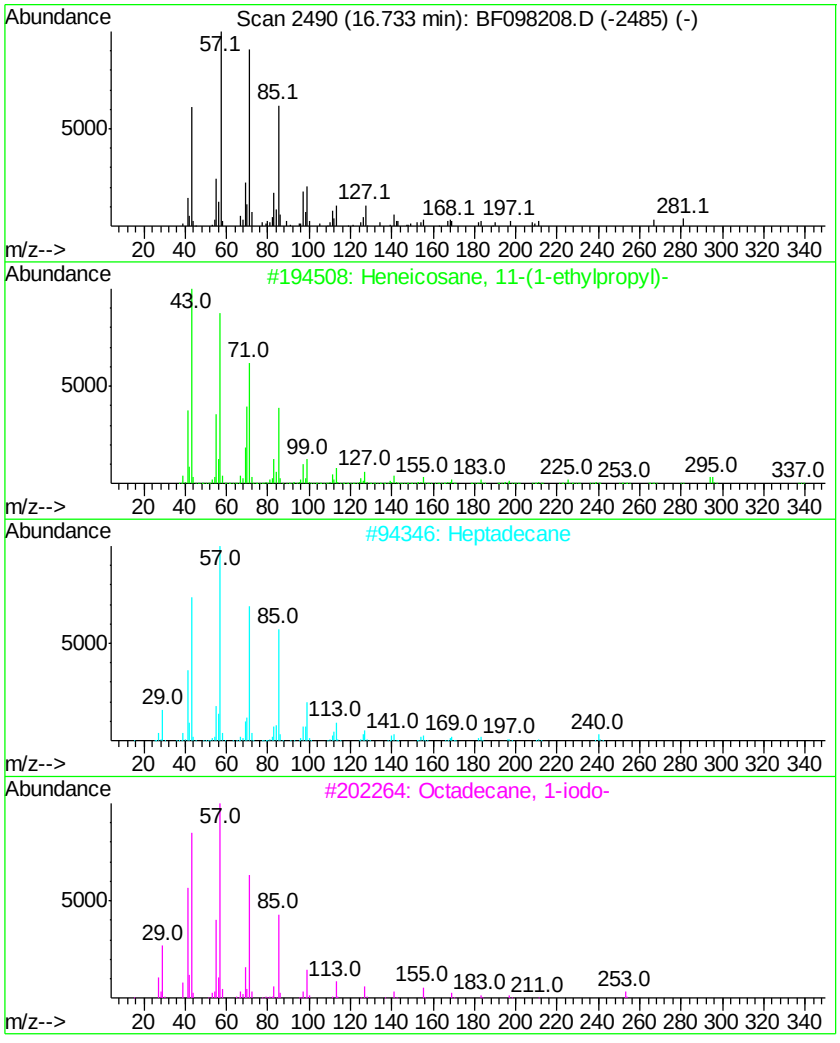
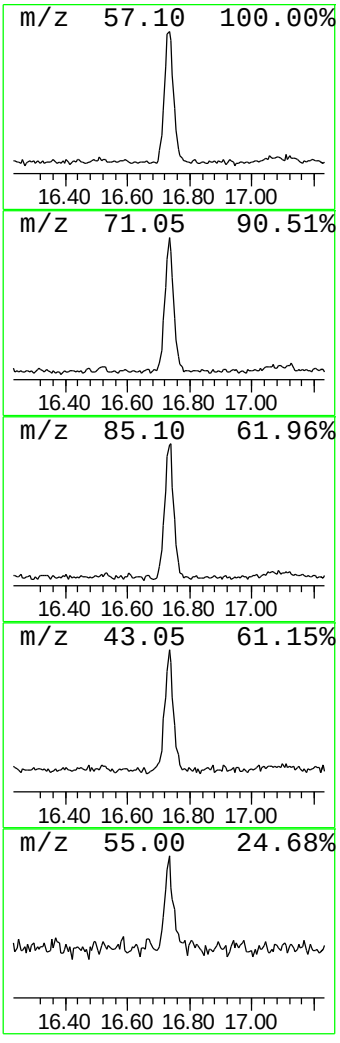
Peak Number 6 Heneicosane, 11-(1-ethylpro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	5.26 ng	184607	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Hexacosane	366	C26H54	000630-01-3	83





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Sample : I4963-01
Misc :
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Instrument : BNA_F
ClientSampleId : 3820-PP1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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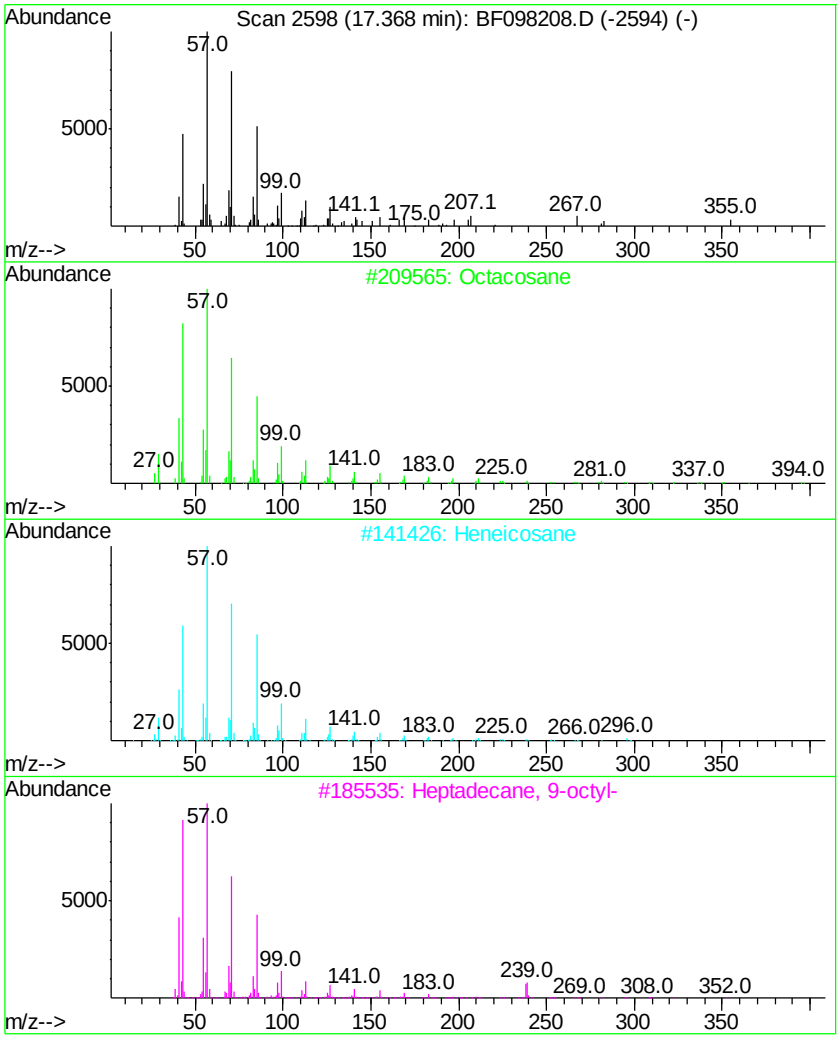
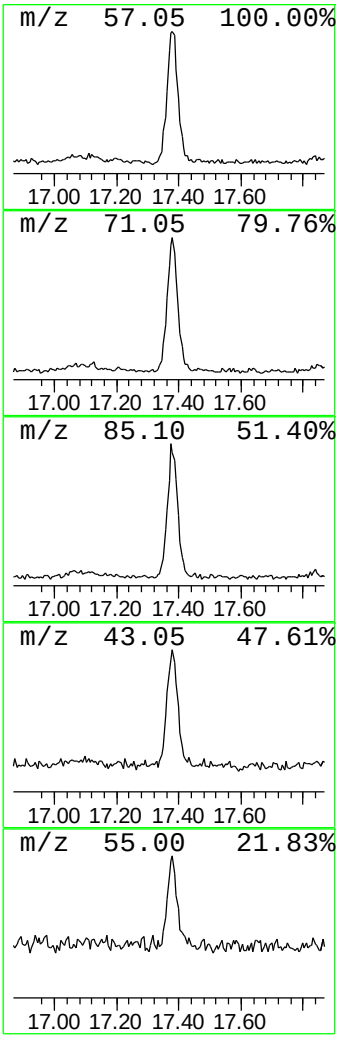
Peak Number 7 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	5.24 ng	183948	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	10-Methylnonadecane	282	C20H42	056862-62-5	87





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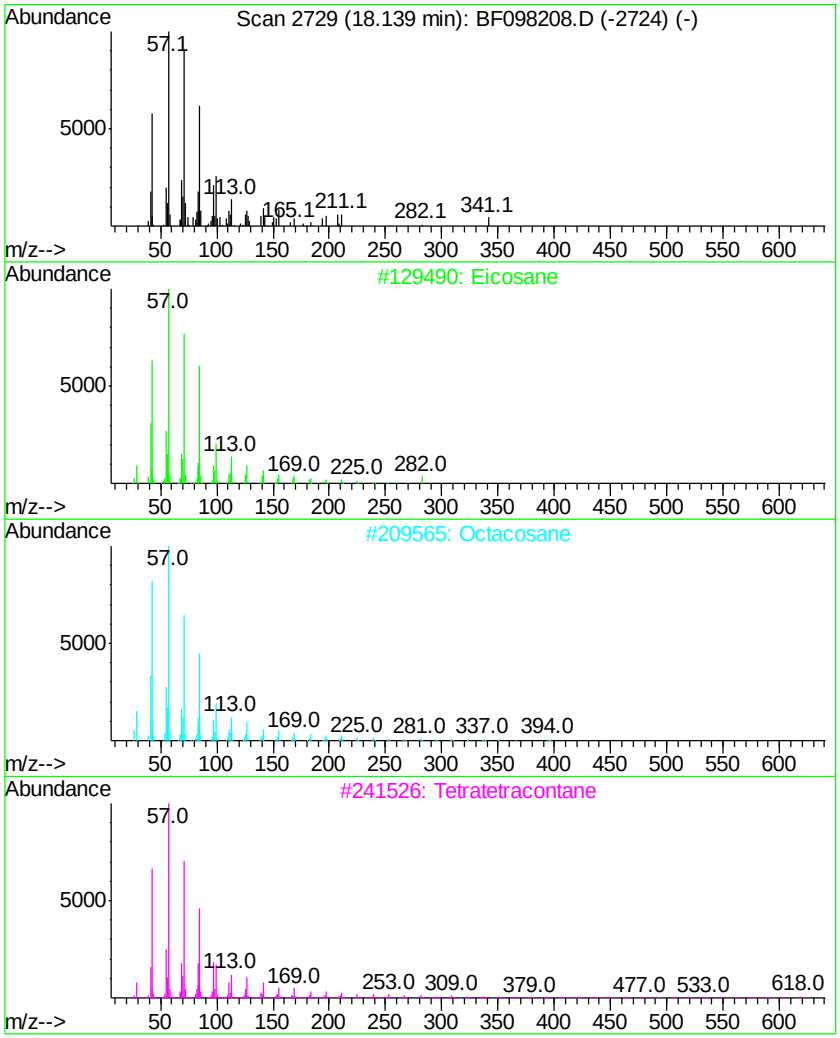
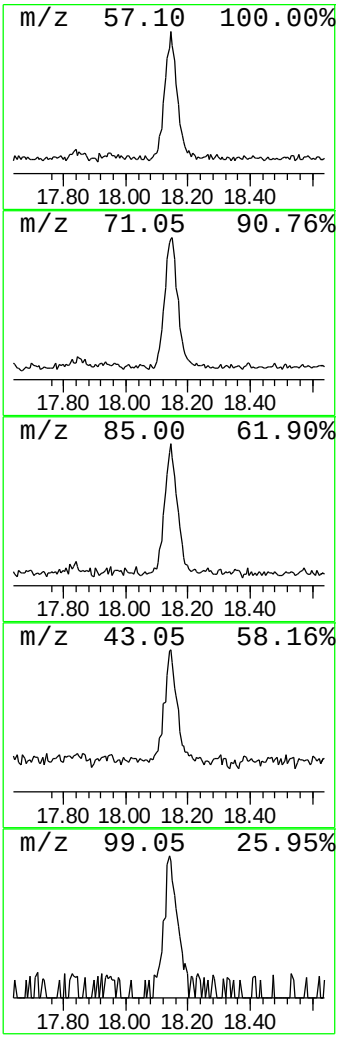
Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.14	4.03 ng	141412	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetratetracontane	619	C44H90	007098-22-8	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Tentatively Identified Compound (LSC) summary

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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...	4.92	3.5	ng	139123	1	6.72	791527	20.0
unknown6.49	6.49	77.2	ng	3053270	1	6.72	791527	20.0
5,5,7,7-Tetraethy...	15.72	3.6	ng	127291	6	15.28	702557	20.0
2-methyloctacosane	16.19	5.4	ng	189675	6	15.28	702557	20.0
Heneicosane, 11-(...	16.73	5.3	ng	184607	6	15.28	702557	20.0
Octacosane	17.37	5.2	ng	183948	6	15.28	702557	20.0
Eicosane	18.14	4.0	ng	141412	6	15.28	702557	20.0