LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
Data File : BF099561.D
Acq On : 16 Oct 2017 23:12
Operator : SJ/JU
Sample : I5782-09
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5(1-3)

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-BF092317.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	5.069	504	507	521	rBV	331850	459170	17.69%	2.130%
2	5.469	571	575	598	rBV	2064401	2144001	82.58%	9.946%
3	6.481	742	747	766	rBV	2088968	2317765	89.27%	10.752%
4	6.616	766	770	773	rBV	2480272	2251944	86.74%	10.447%
5	6.845	805	809	817	rBV	639623	581370	22.39%	2.697%
6	6.998	831	835	839	rBV	2103280	1849215	71.23%	8.579%
7	7.410	900	905	908	rBV	1523485	1401714	53.99%	6.503%
8	8.122	1023	1026	1041	rBV	870765	796328	30.67%	3.694%
9	9.198	1204	1209	1212	rBV	2832157	2596264	100.00%	12.045%
10	9.592	1273	1276	1284	rVB	611426	462810	17.83%	2.147%
11	9.881	1321	1325	1334	rVB	1030020	863151	33.25%	4.004%
12	10.592	1443	1446	1451	rBB	95442	74673	2.88%	0.346%
13	10.675	1455	1460	1474	rBV	1211098	1190890	45.87%	5.525%
14	11.369	1574	1578	1582	rBV	903133	754375	29.06%	3.500%
15	12.951	1843	1847	1850	rBV	2074398	1847439	71.16%	8.571%
16	13.833	1994	1997	2007	rBV3	37479	58012	2.23%	0.269%
17	14.010	2024	2027	2035	rBV	545211	535071	20.61%	2.482%
18	14.763	2151	2155	2158	rBV	25737	27269	1.05%	0.127%
19	14.833	2164	2167	2172	rVB	91801	86495	3.33%	0.401%
20	15.092	2207	2211	2215	rVB	55740	56423	2.17%	0.262%
21	15.486	2270	2278	2286	rBV	462068	650529	25.06%	3.018%
22	15.898	2342	2348	2355	rVB	89225	134230	5.17%	0.623%
23	16.392	2427	2432	2439	rBV	86636	149790	5.77%	0.695%
24	16.980	2526	2532	2540	rVB2	57321	120057	4.62%	0.557%
25	17.674	2643	2650	2661	rVB3	41547	105842	4.08%	0.491%
26	18.486	2780	2788	2789	rBV4	24078	40768	1.57%	0.189%

Sum of corrected areas: 21555595

LSC Report - Integrated Chromatogram

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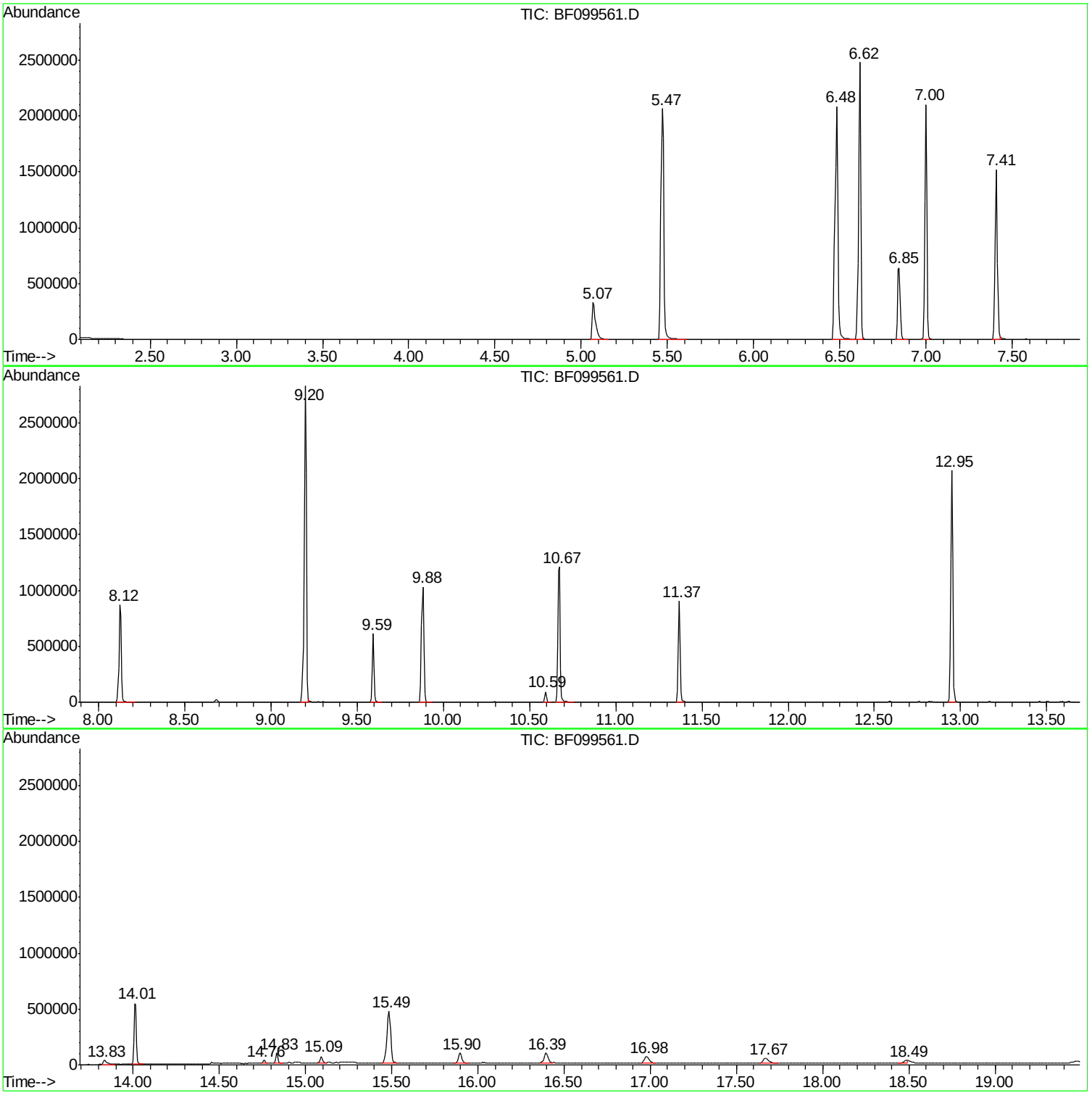
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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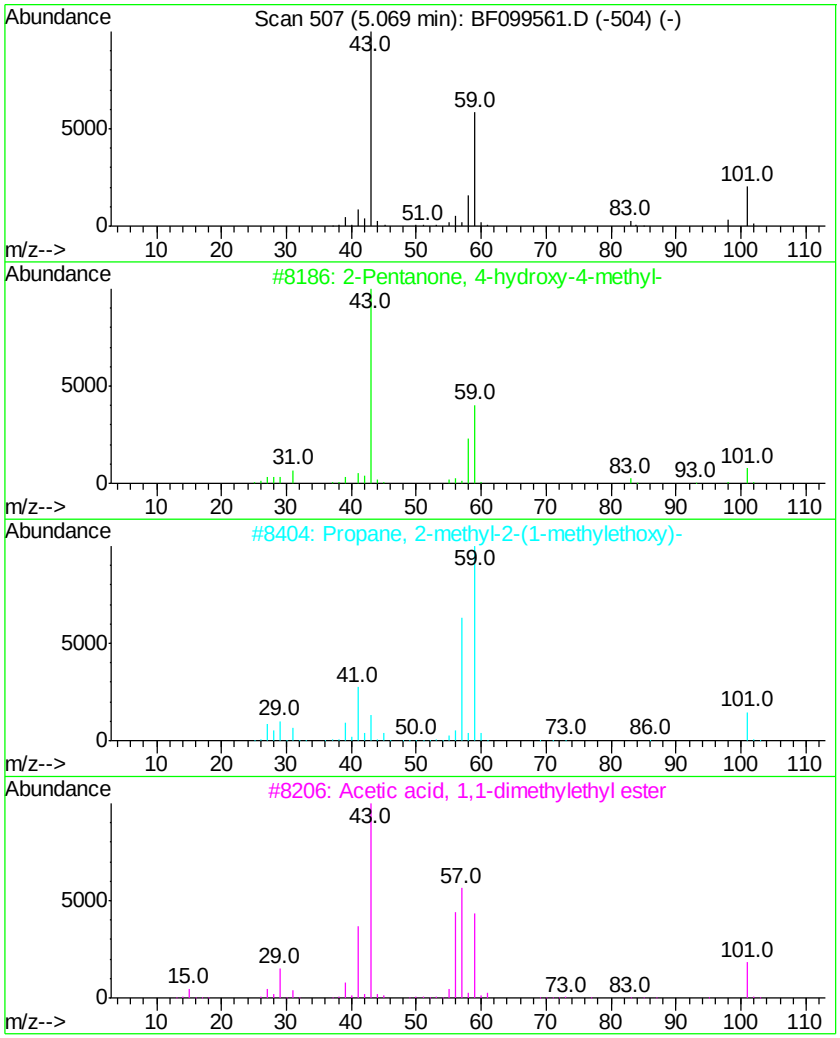
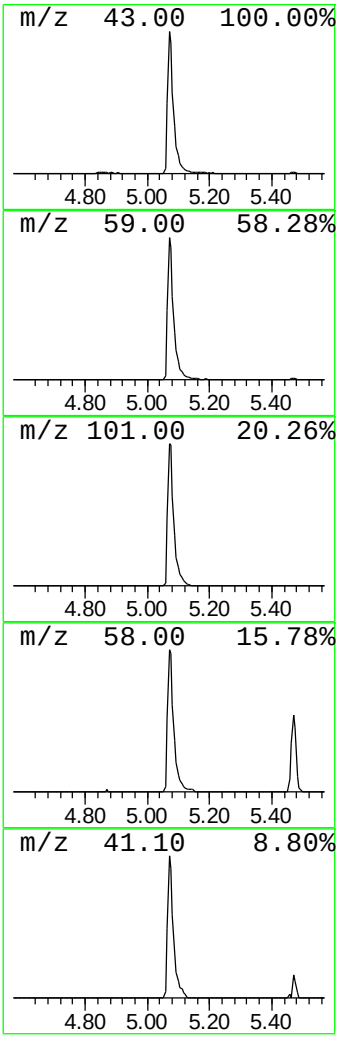
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	15.80 ng	459170	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : S5(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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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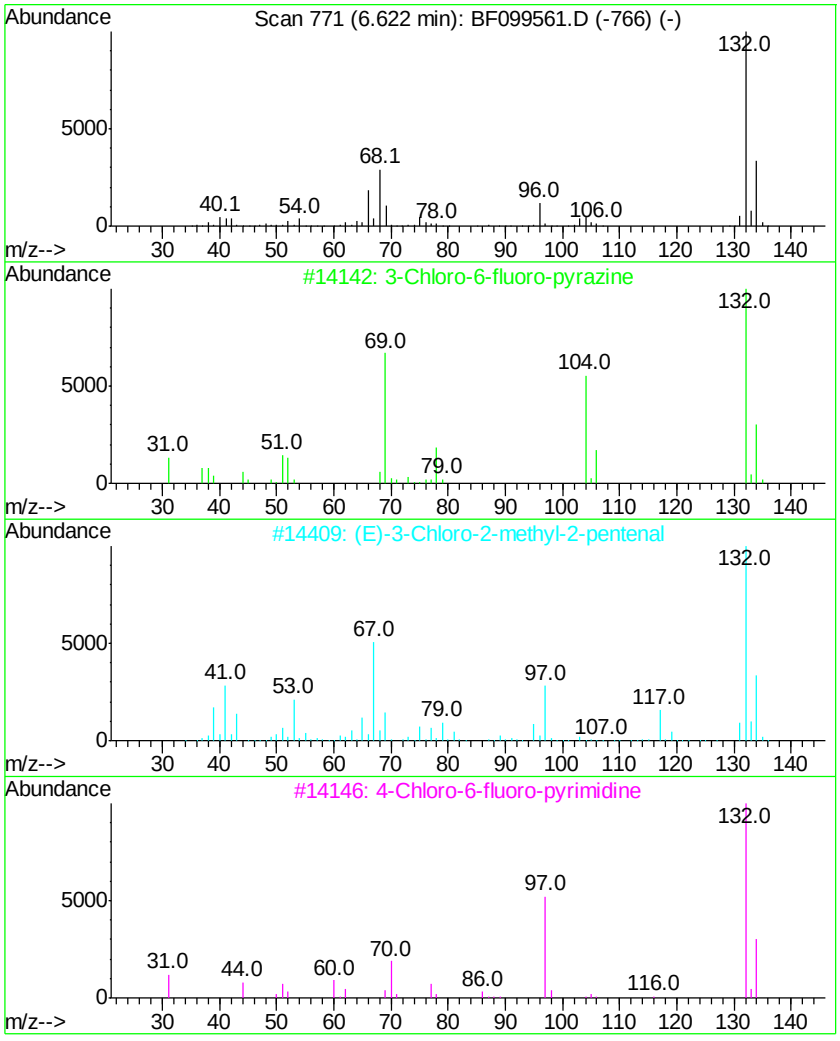
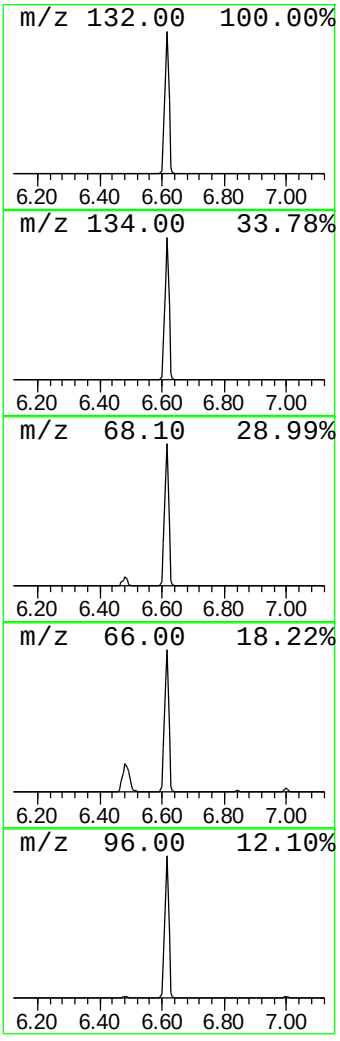
Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.47 ng	2251940	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





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Sample : I5782-09
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5(1-3)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
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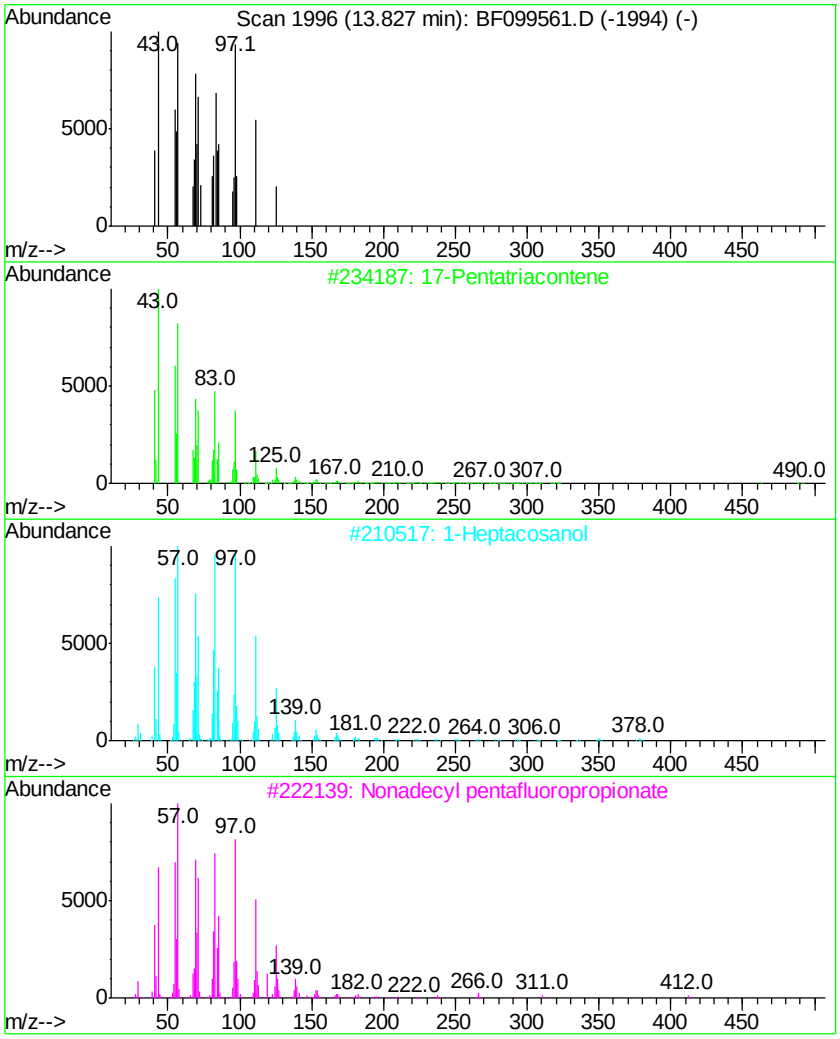
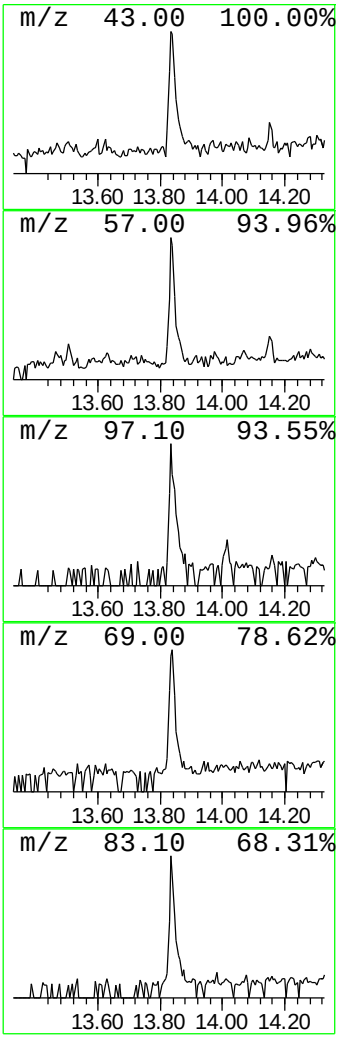
Peak Number 4 17-Pentatriacontene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	2.17 ng	58012	Chrysene-d12	14.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Heptacosanol	396	C27H56O	002004-39-9	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
5	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	91





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ClientSampleId : S5(1-3)

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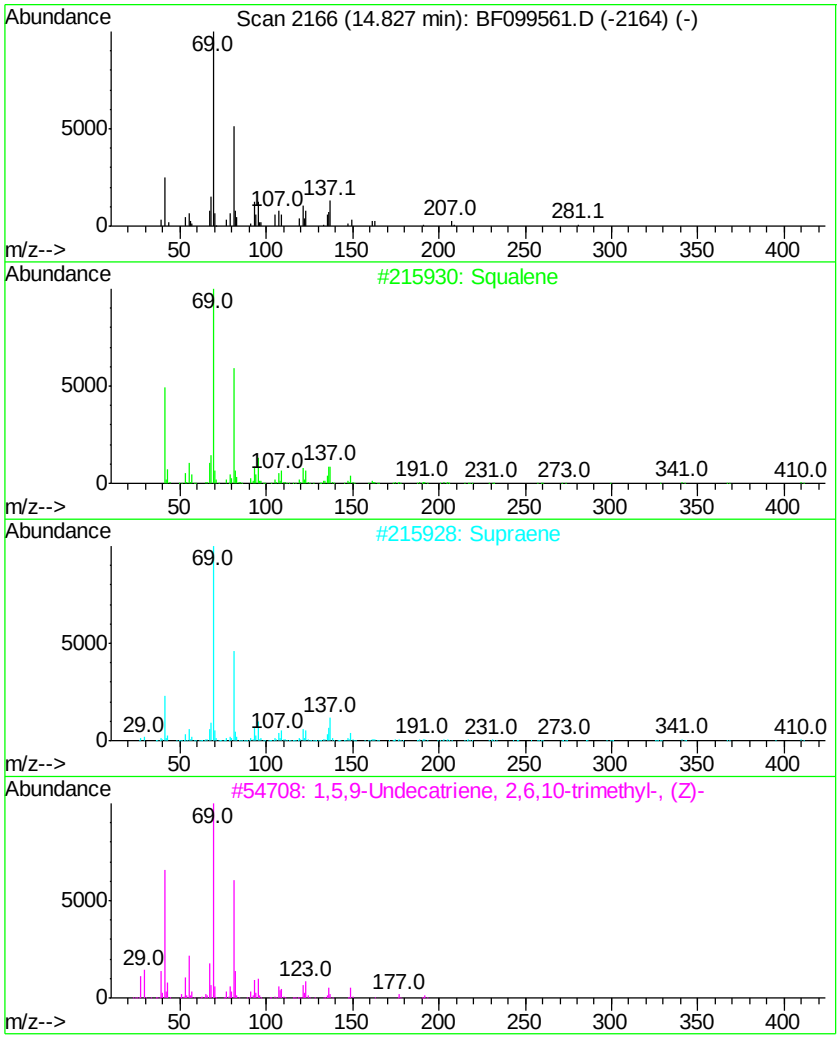
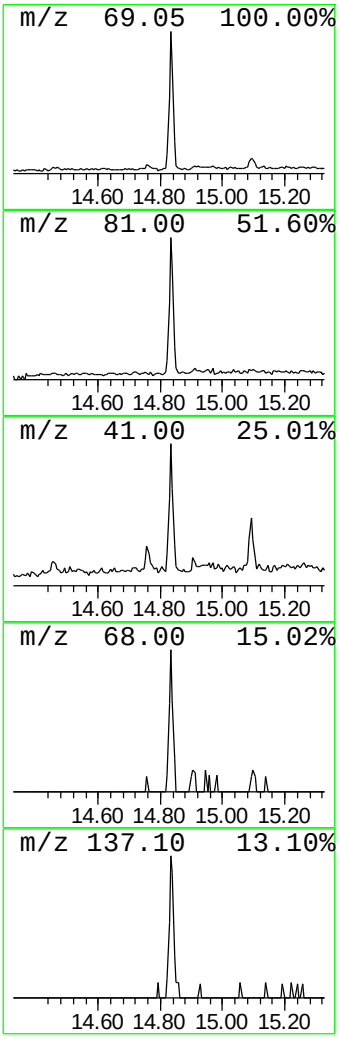
Peak Number 5 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.66 ng	86495	Perylene-d12	15.49

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	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	80
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
5	Farnesol, acetate	264	C17H28O2	1000352-67-2	64





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Sample : I5782-09
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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S5(1-3)

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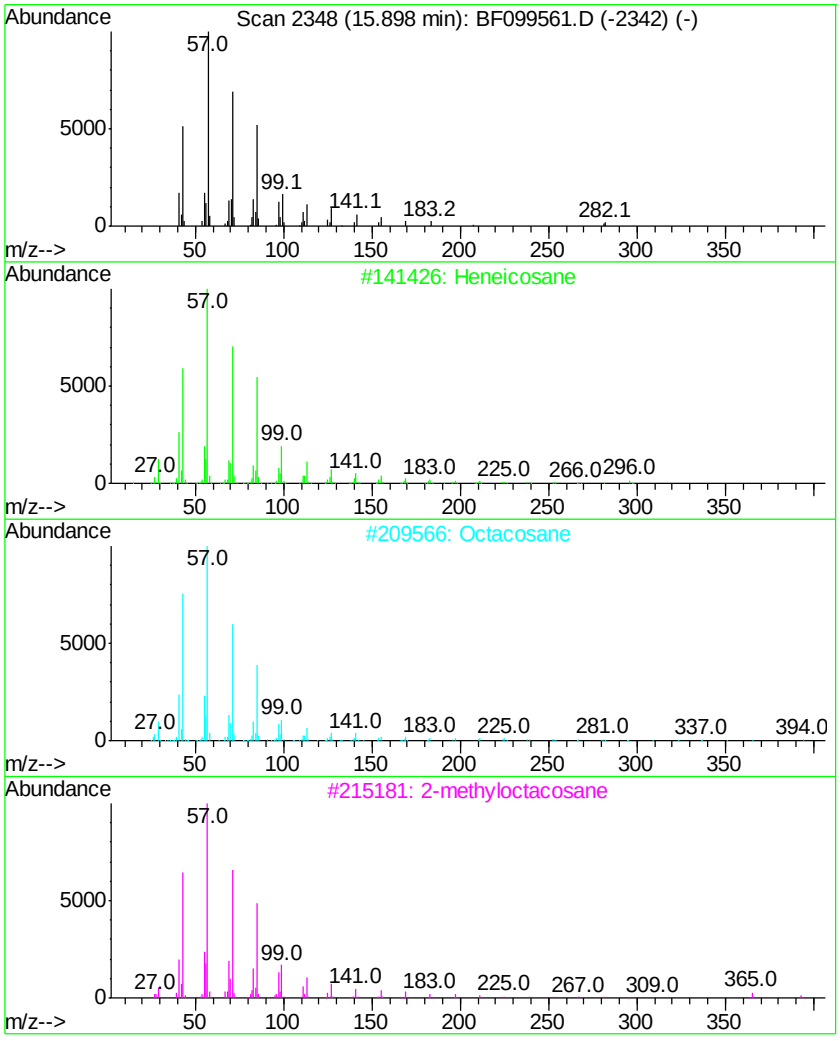
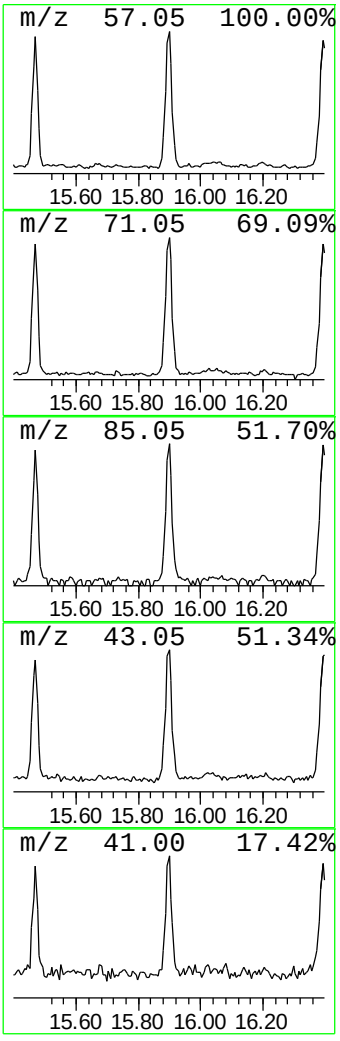
Peak Number 6 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	4.13 ng	134230	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Triacontane	422	C30H62	000638-68-6	91





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Instrument : BNA_F
ClientSampleId : S5(1-3)

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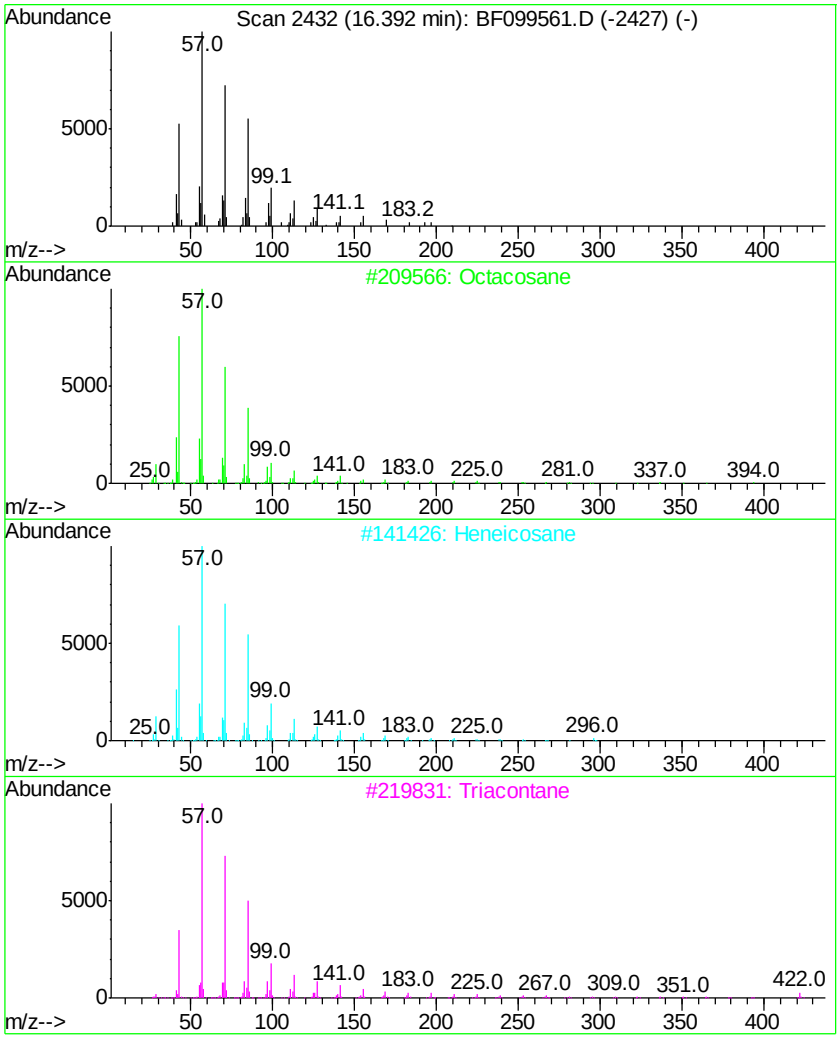
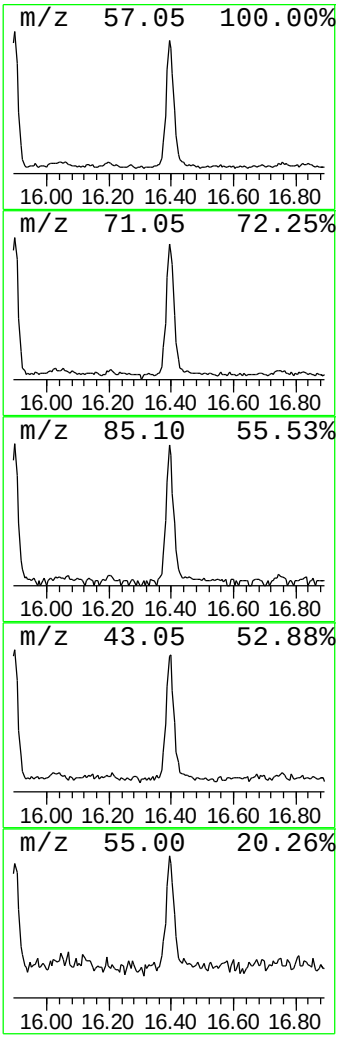
Peak Number 7 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	4.61 ng	149790	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Octadecane	254	C18H38	000593-45-3	87
5	Hexacosane	366	C26H54	000630-01-3	87





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...	5.07	15.8	ng	459170	1	6.85	581370	20.0
unknown6.62	6.62	77.5	ng	2251940	1	6.85	581370	20.0
17-Pentatriacontene	13.83	2.2	ng	58012	5	14.02	535071	20.0
Squalene	14.83	2.7	ng	86495	6	15.49	650529	20.0
Heneicosane	15.90	4.1	ng	134230	6	15.49	650529	20.0
Octacosane	16.39	4.6	ng	149790	6	15.49	650529	20.0