LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099842.D
Acq On : 26 Oct 2017 5:40
Operator : SJ/JU
Sample : I6057-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101917-TIDO-F-D-B

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-BF102317.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	4.998	492	495	512	rBV	76952	112505	4.92%	0.788%
2	5.410	562	565	588	rBV	507448	624917	27.30%	4.377%
3	6.434	736	739	755	rBV	335403	408619	17.85%	2.862%
4	6.563	758	761	774	rVB	1286399	1141106	49.85%	7.992%
5	6.792	797	800	812	rBB	498734	417920	18.26%	2.927%
6	6.945	823	826	841	rBV	1651343	1566355	68.43%	10.971%
7	7.363	893	897	919	rBV	1257674	1163036	50.81%	8.146%
8	8.075	1015	1018	1036	rBV	671418	569587	24.88%	3.989%
9	9.157	1196	1202	1205	rBV	2633764	2288960	100.00%	16.032%
10	9.557	1267	1270	1277	rBB	40710	37855	1.65%	0.265%
11	9.833	1312	1317	1328	rVB	677370	651946	28.48%	4.566%
12	10.510	1429	1432	1435	rBV	63234	46778	2.04%	0.328%
13	10.633	1449	1453	1467	rBV	826320	809671	35.37%	5.671%
14	11.327	1568	1571	1581	rBV	692958	613741	26.81%	4.299%
15	12.921	1837	1842	1845	rBV	2052101	2149802	93.92%	15.057%
16	13.798	1988	1991	1999	rBV	23531	32021	1.40%	0.224%
17	13.980	2019	2022	2033	rBV	609097	575474	25.14%	4.031%
18	15.057	2201	2205	2209	rVB	30739	32557	1.42%	0.228%
19	15.457	2264	2273	2281	rBV	379717	567621	24.80%	3.976%
20	15.851	2335	2340	2346	rBV	63963	97158	4.24%	0.680%
21	16.345	2417	2424	2429	rBV	62675	107672	4.70%	0.754%
22	16.915	2513	2521	2529	rBV3	42961	91367	3.99%	0.640%
23	17.598	2629	2637	2649	rBV3	34056	87006	3.80%	0.609%
24	18.403	2767	2774	2785	rBV4	16665	46508	2.03%	0.326%
25	19.380	2929	2940	2948	rBV6	11207	37387	1.63%	0.262%

Sum of corrected areas: 14277569

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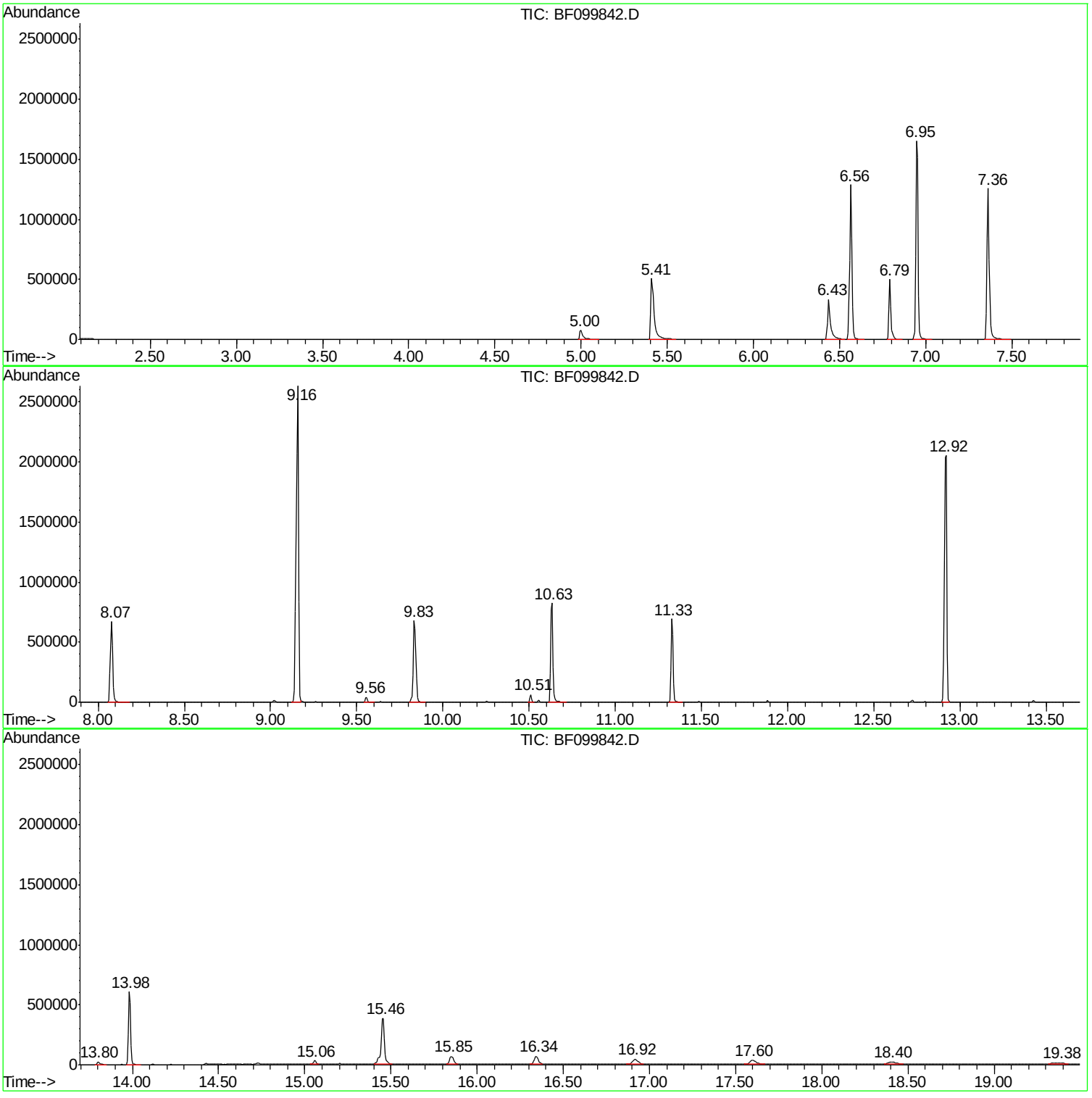
101917-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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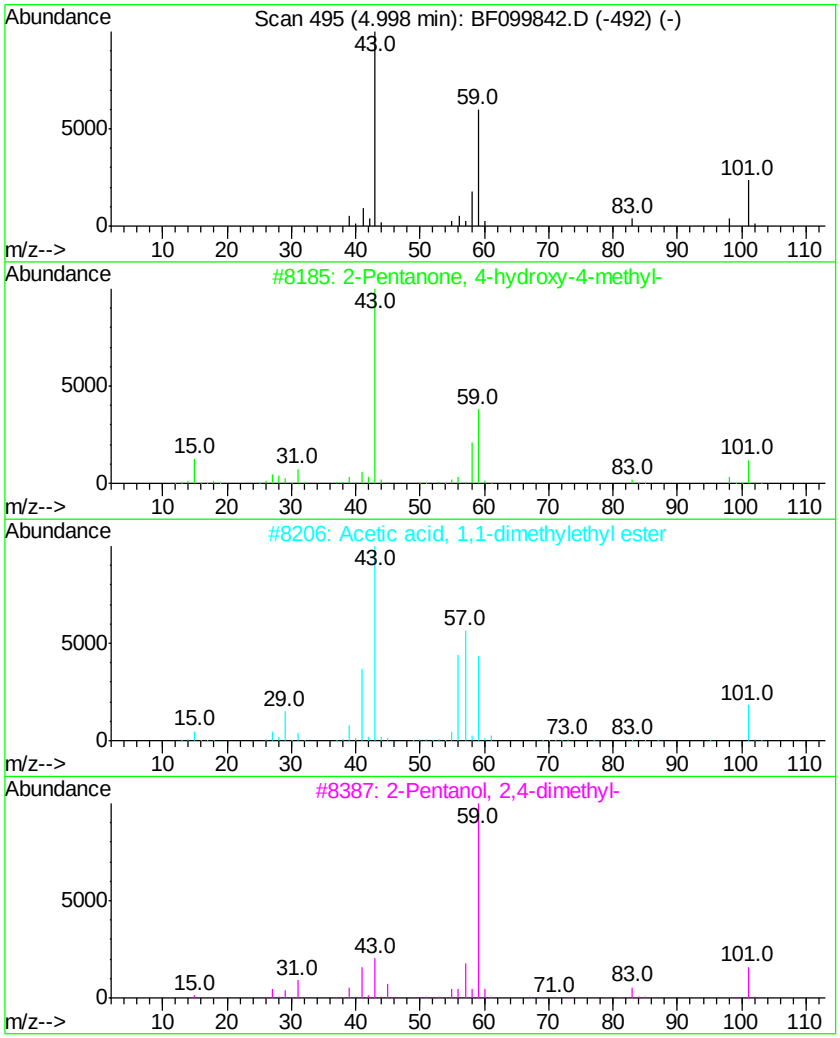
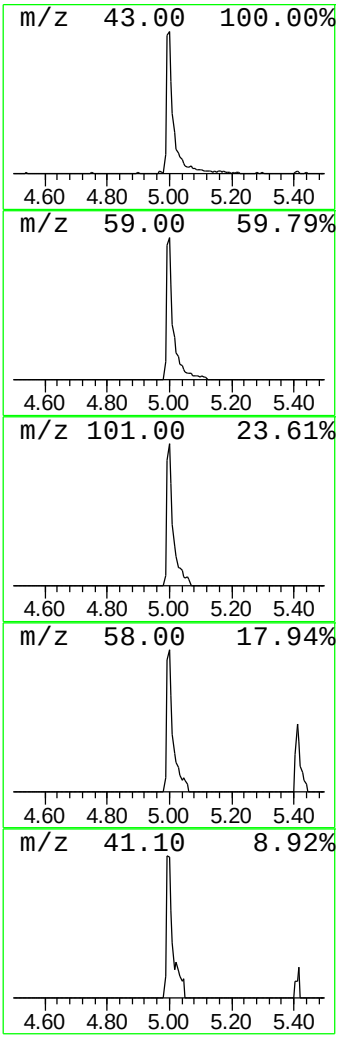
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	5.38 ng	112505	1,4-Dichlorobenzene-d4	6.79

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	25
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Instrument : BNA_F
ClientSampleId : 101917-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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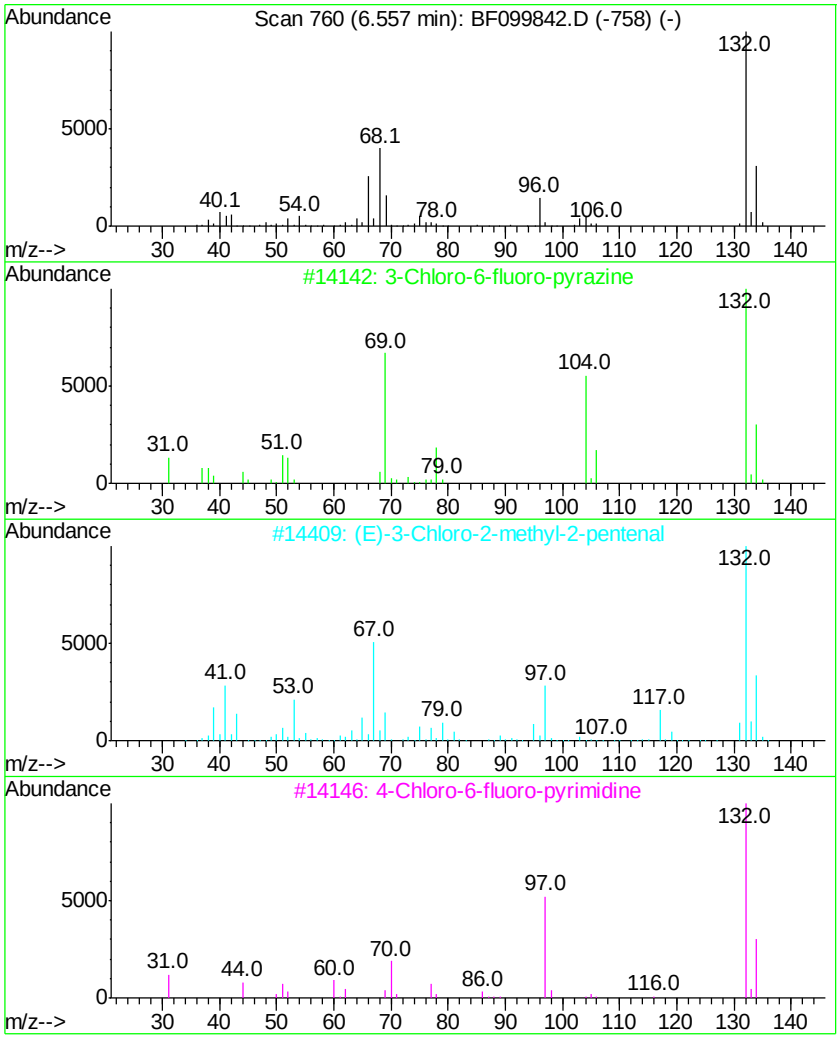
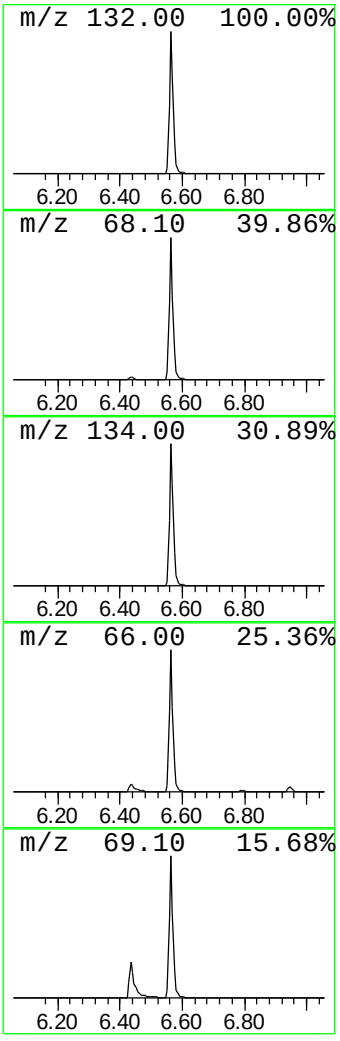
Peak Number 2 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	54.61 ng	1141110	1,4-Dichlorobenzene-d4	6.79

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	35
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Operator : SJ/JU
Sample : I6057-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 101917-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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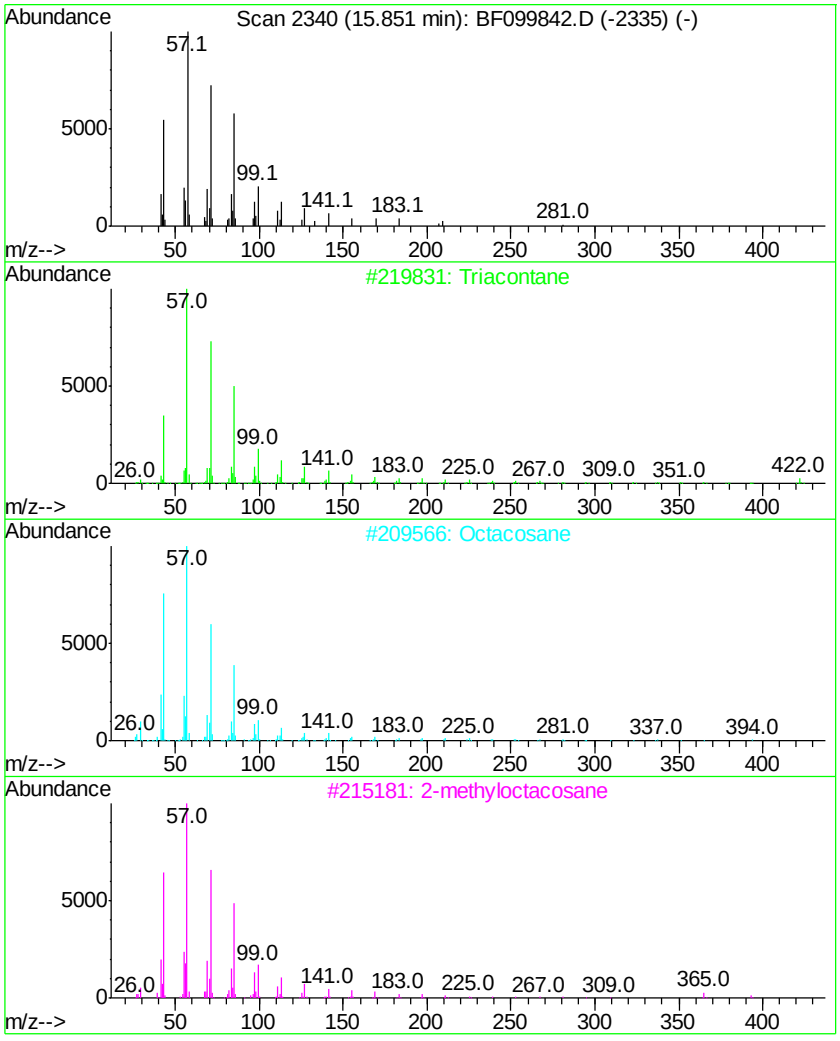
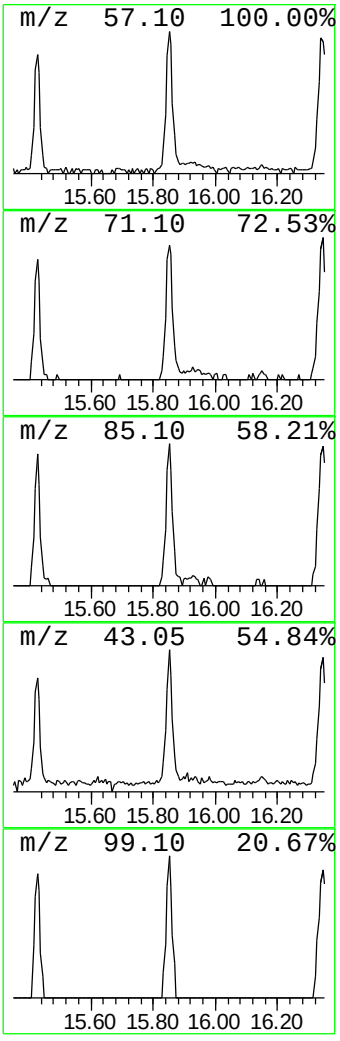
Peak Number 4 Triacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	3.42 ng	97158	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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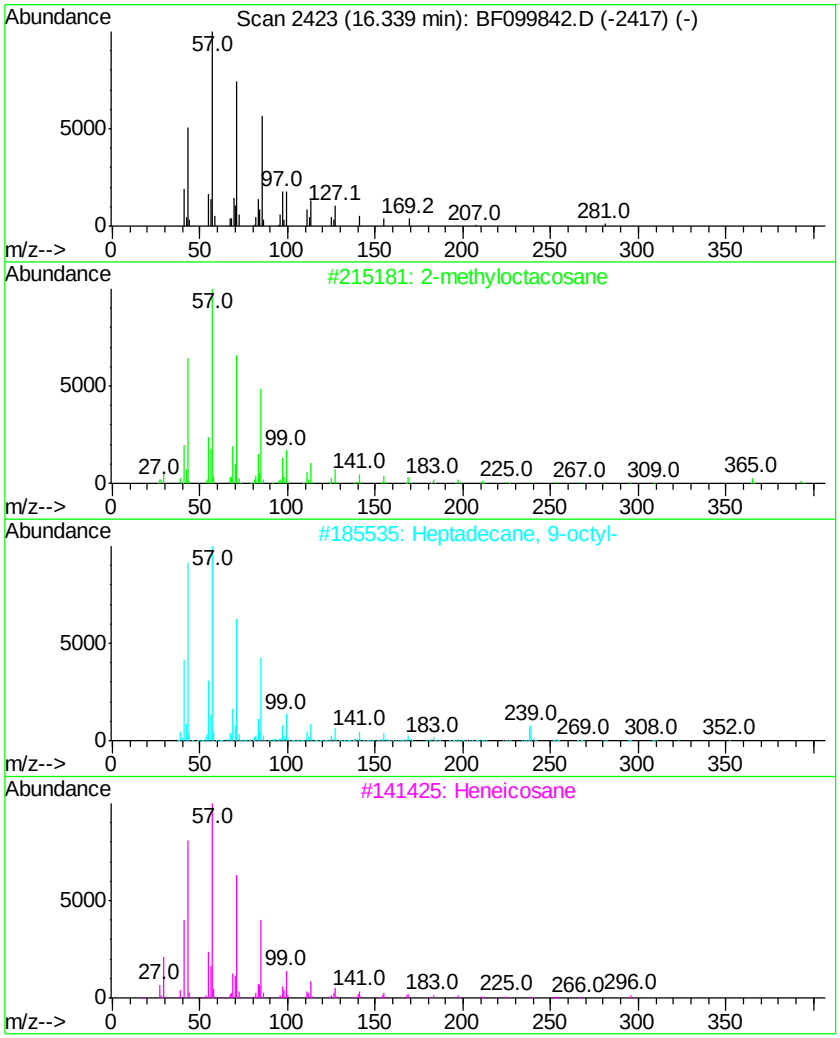
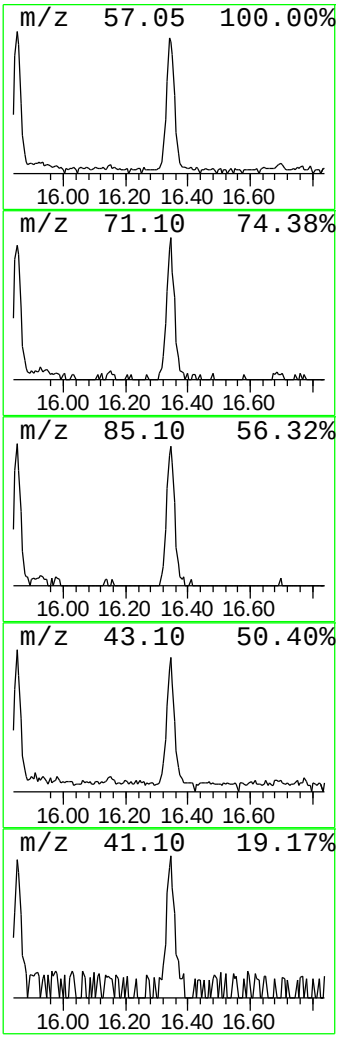
Peak Number 5 2-methyloctacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.79 ng	107672	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Octacosane	394	C28H58	000630-02-4	90





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Instrument : BNA_F
ClientSampleId : 101917-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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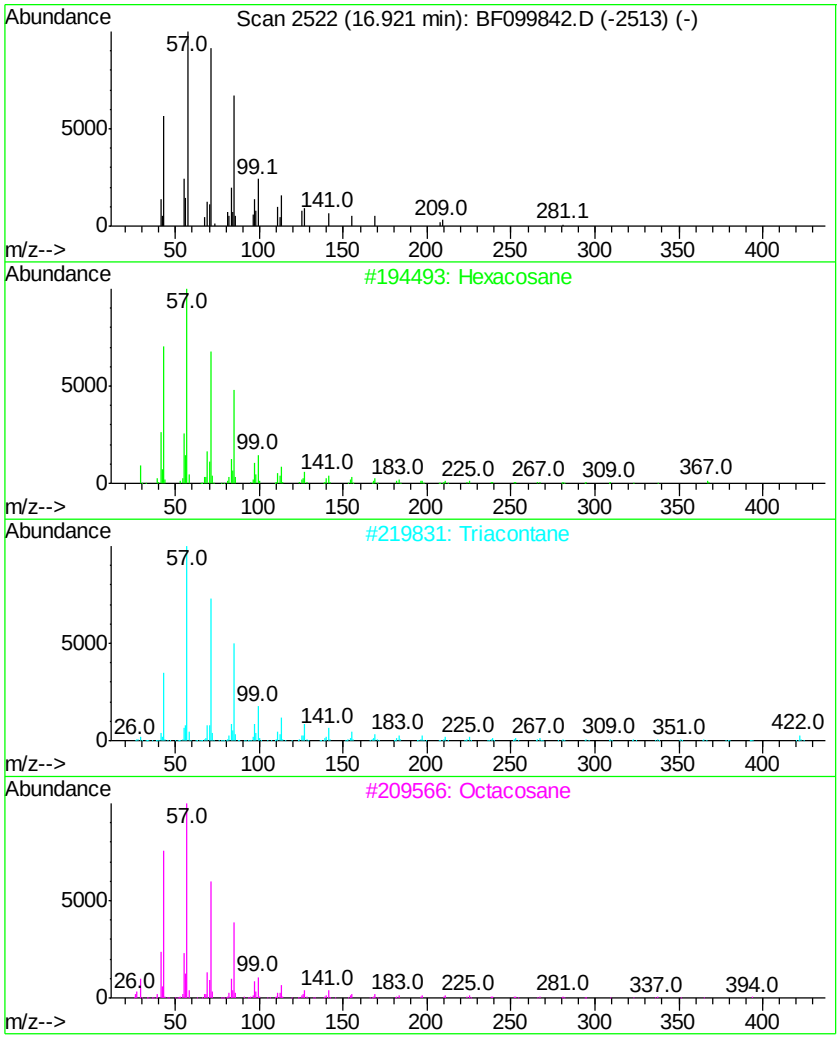
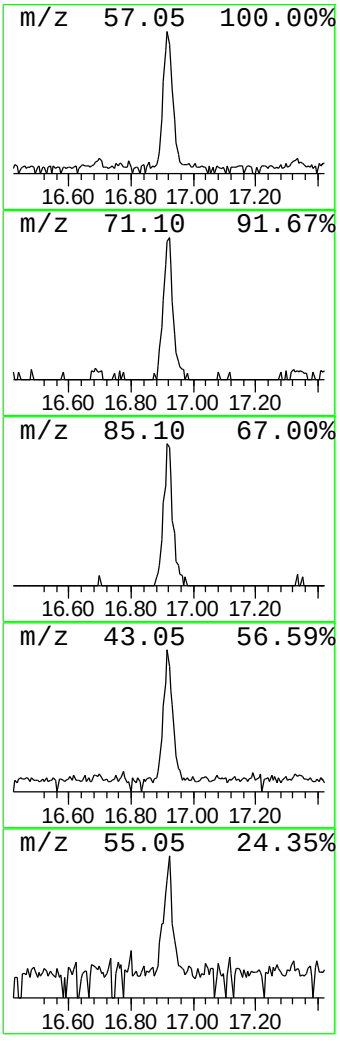
Peak Number 6 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	3.22 ng	91367	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Triacontane	422	C30H62	000638-68-6	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Misc :
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Instrument : BNA_F
ClientSampleId : 101917-TIDO-F-D-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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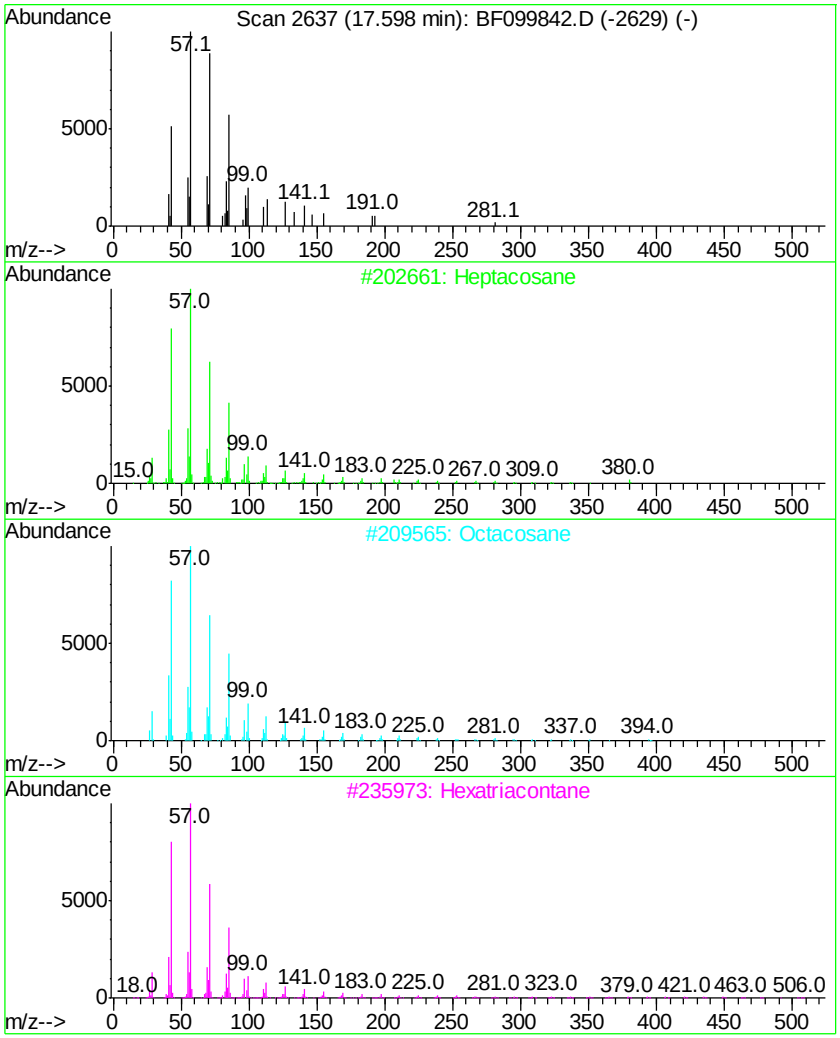
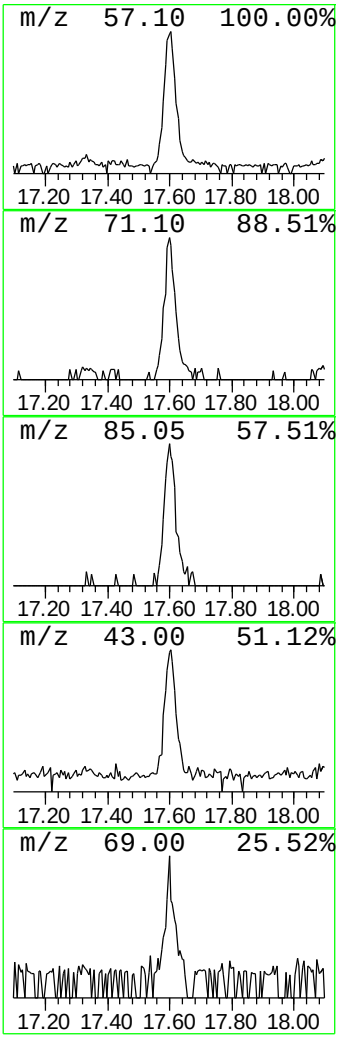
Peak Number 7 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.60	3.07 ng	87006	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexatriacontane	507	C36H74	000630-06-8	90
4	Pentacosane	352	C25H52	000629-99-2	90
5	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	90





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...	5.00	5.4	ng	112505	1	6.79	417920	20.0
unknown6.56	6.56	54.6	ng	1141110	1	6.79	417920	20.0
Triacontane	15.85	3.4	ng	97158	6	15.46	567621	20.0
2-methyloctacosane	16.34	3.8	ng	107672	6	15.46	567621	20.0
Hexacosane	16.92	3.2	ng	91367	6	15.46	567621	20.0
Heptacosane	17.60	3.1	ng	87006	6	15.46	567621	20.0