LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139268.D
Acq On : 06 Sep 2024 09:32
Operator : RC/JU
Sample : PB163138BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163138BL

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-BF090424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.252	19	27	33	rVB	91266	148218	2.99%	0.472%
2	5.128	508	516	529	rVB	178807	318752	6.43%	1.016%
3	5.516	574	582	587	rBV	3017011	4397705	88.76%	14.011%
4	6.516	744	752	757	rBV	2915451	4565599	92.15%	14.546%
5	6.887	810	815	820	rBV	810301	976111	19.70%	3.110%
6	7.451	904	911	916	rBV	2015820	2915409	58.84%	9.289%
7	8.169	1027	1033	1038	rBV	983591	1254435	25.32%	3.997%
8	9.245	1209	1216	1221	rBV	3613772	4954494	100.00%	15.785%
9	9.922	1325	1331	1337	rBV	1071189	1400025	28.26%	4.461%
10	10.716	1459	1466	1490	rBV	2027295	2787233	56.26%	8.880%
11	11.410	1579	1584	1589	rBV	1170709	1443897	29.14%	4.600%
12	12.998	1848	1854	1860	rBV	3263905	4418221	89.18%	14.077%
13	14.045	2027	2032	2049	rVB	614312	826020	16.67%	2.632%
14	15.521	2277	2283	2289	rBV	428710	690561	13.94%	2.200%
15	15.568	2289	2291	2306	rVB	44263	63879	1.29%	0.204%
16	16.015	2361	2367	2375	rBV	41006	72815	1.47%	0.232%
17	16.533	2448	2455	2465	rBV	39578	81521	1.65%	0.260%
18	17.139	2551	2558	2574	rBV	27855	71587	1.44%	0.228%

Sum of corrected areas: 31386482

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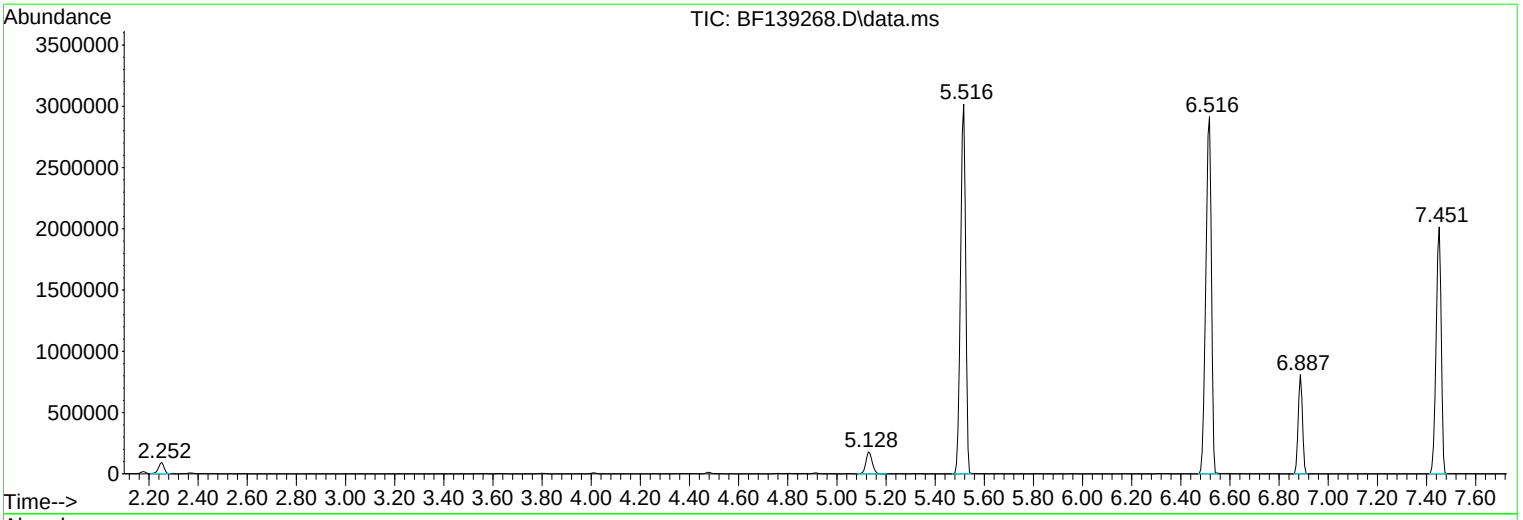
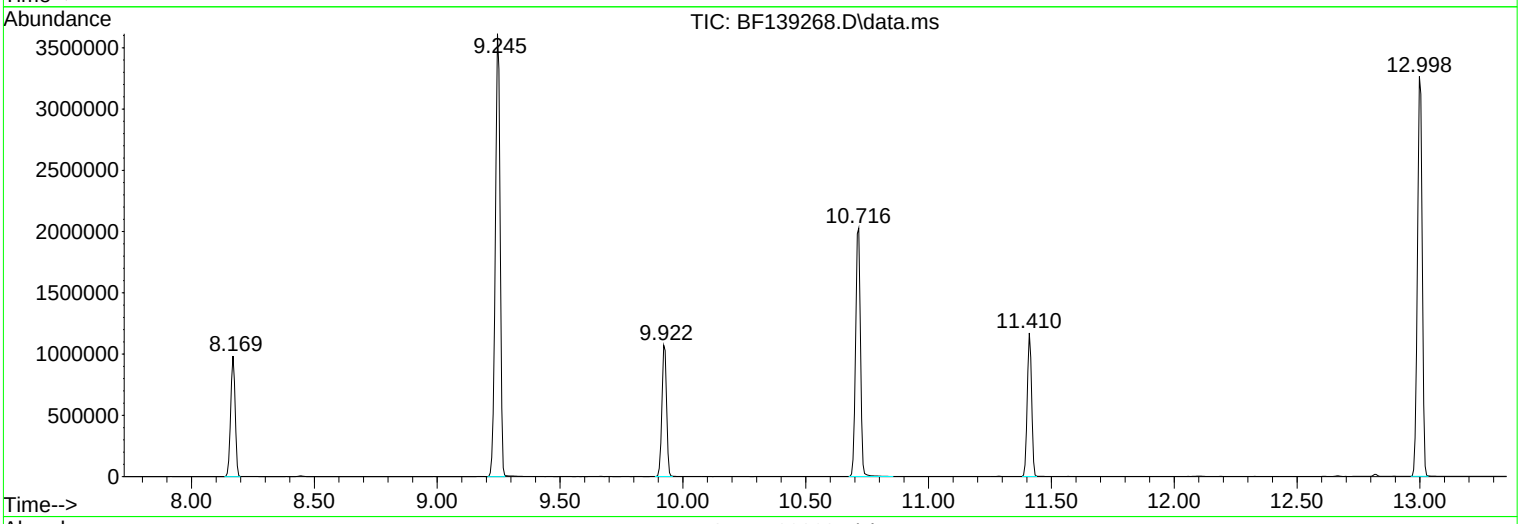
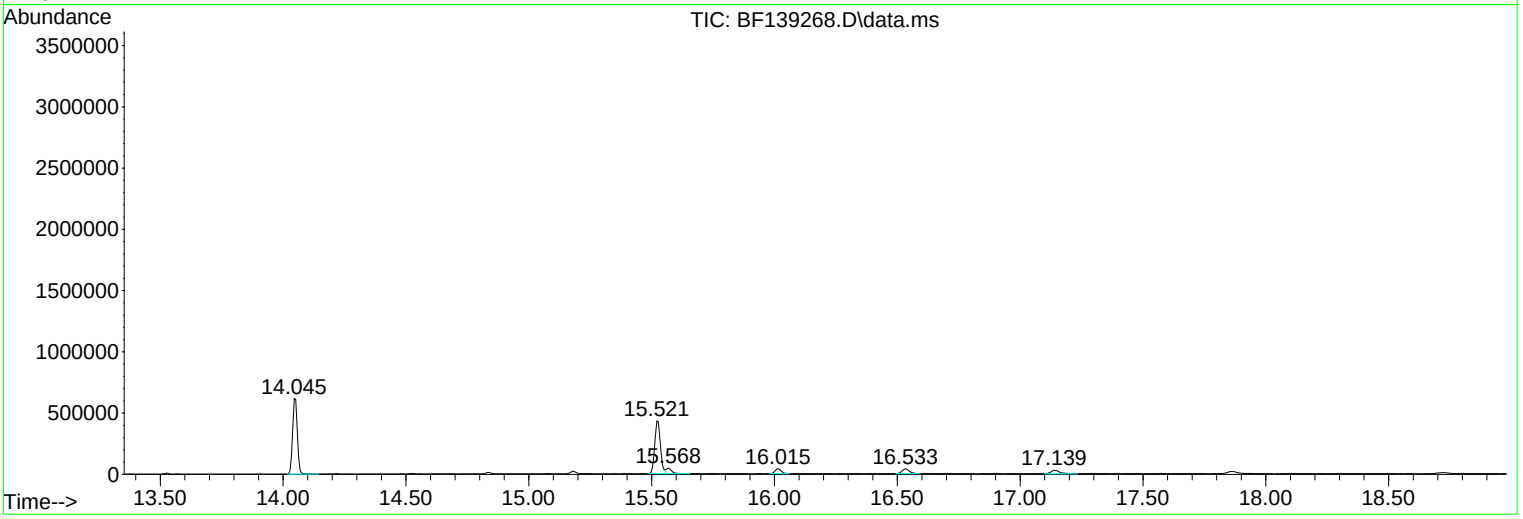
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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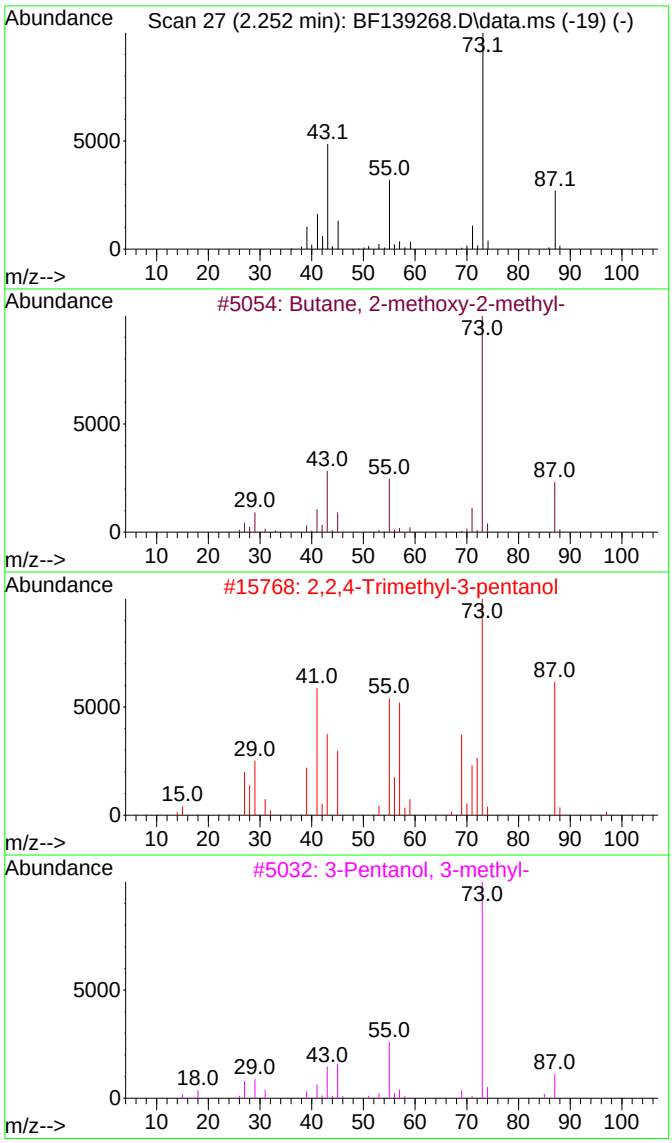
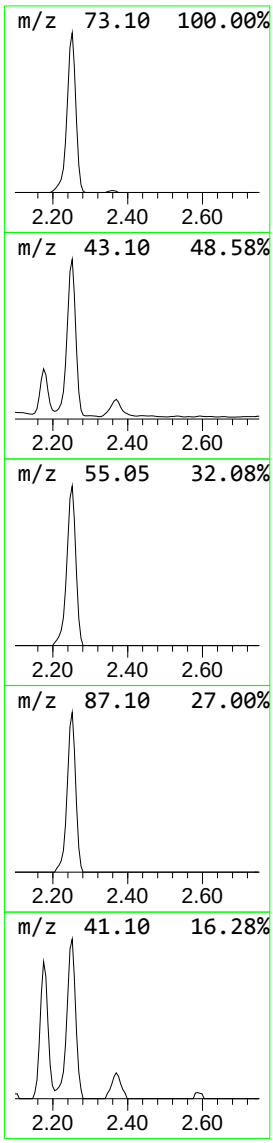
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.252	3.04 ng	148218	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	16
5	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	12





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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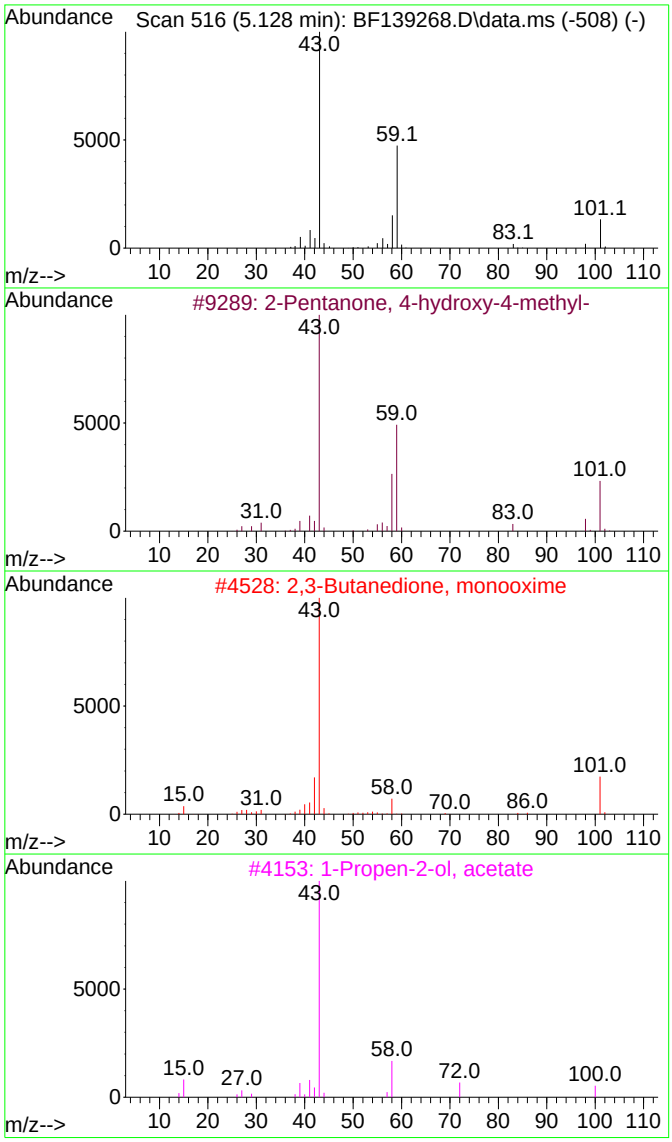
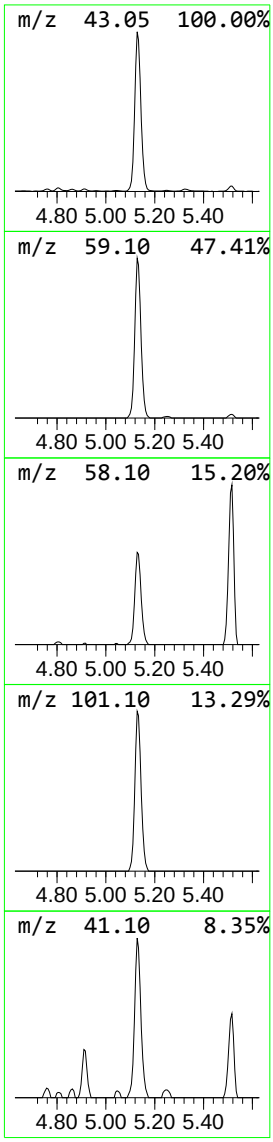
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.128	6.53 ng	318752	1,4-Dichlorobenzene-d4	6.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5	Acetone	58	C3H6O	000067-64-1	7





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ClientSampleId :
PB163138BL

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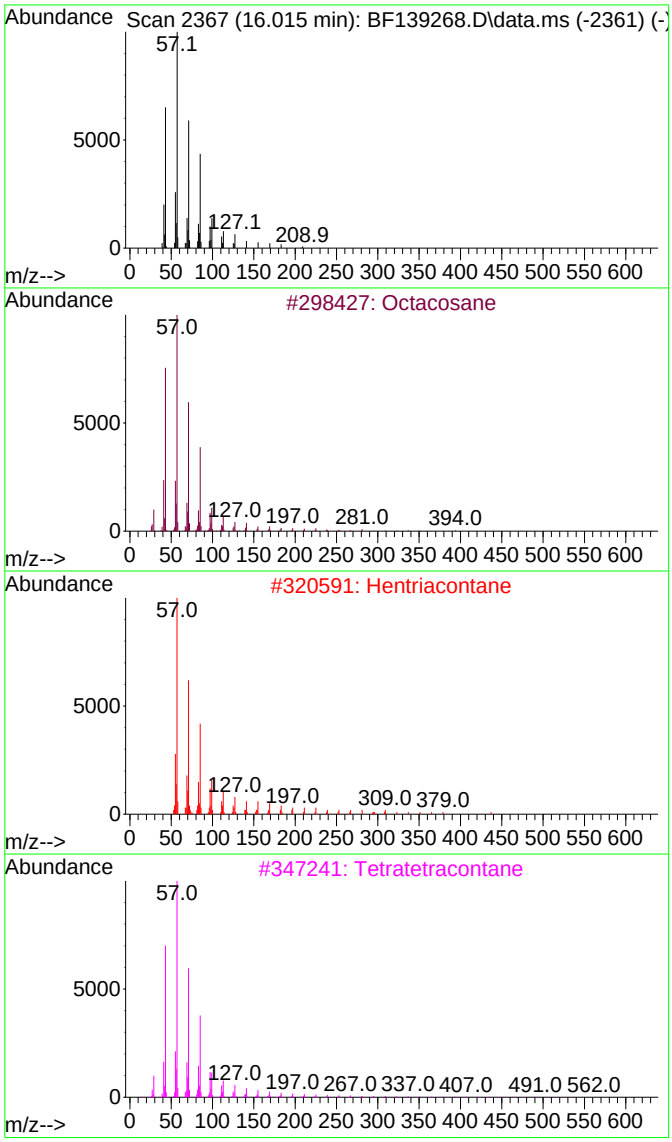
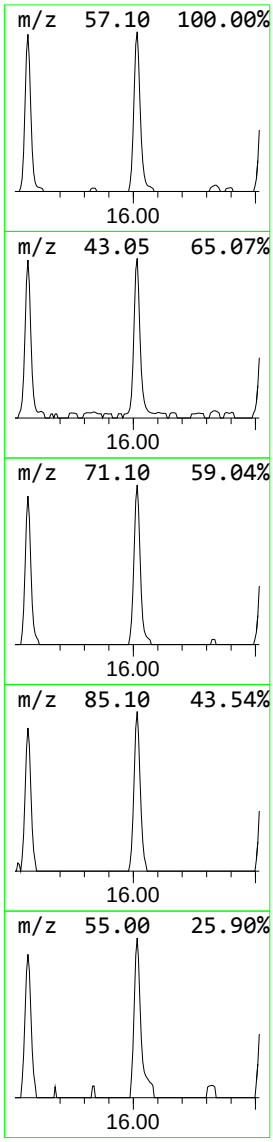
Peak Number 3 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.015	2.11 ng	72815	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Heneicosane	296	C21H44	000629-94-7	90





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TIC Library : C:\Database\NIST20.L
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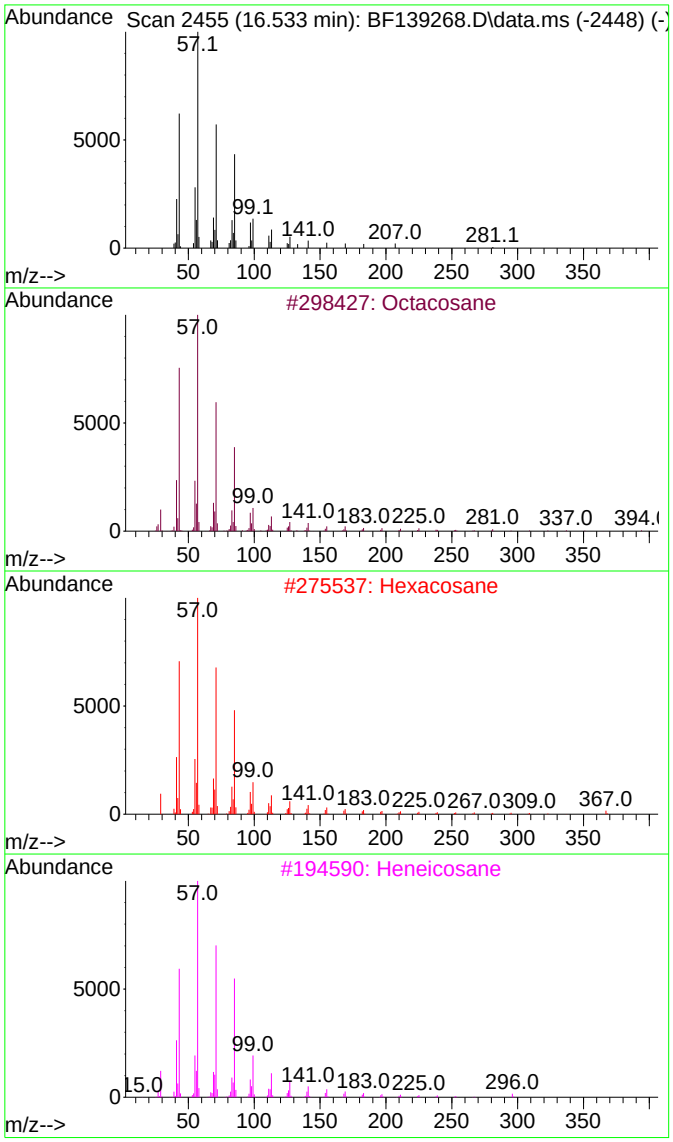
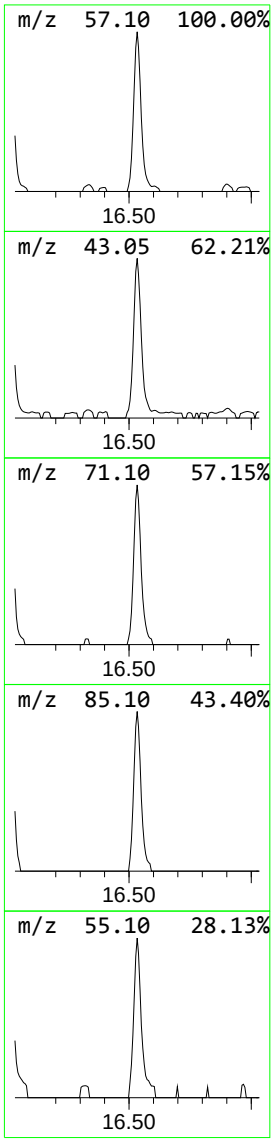
Peak Number 4 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.533	2.36 ng	81521	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetracosane	338	C24H50	000646-31-1	87





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Sample : PB163138BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
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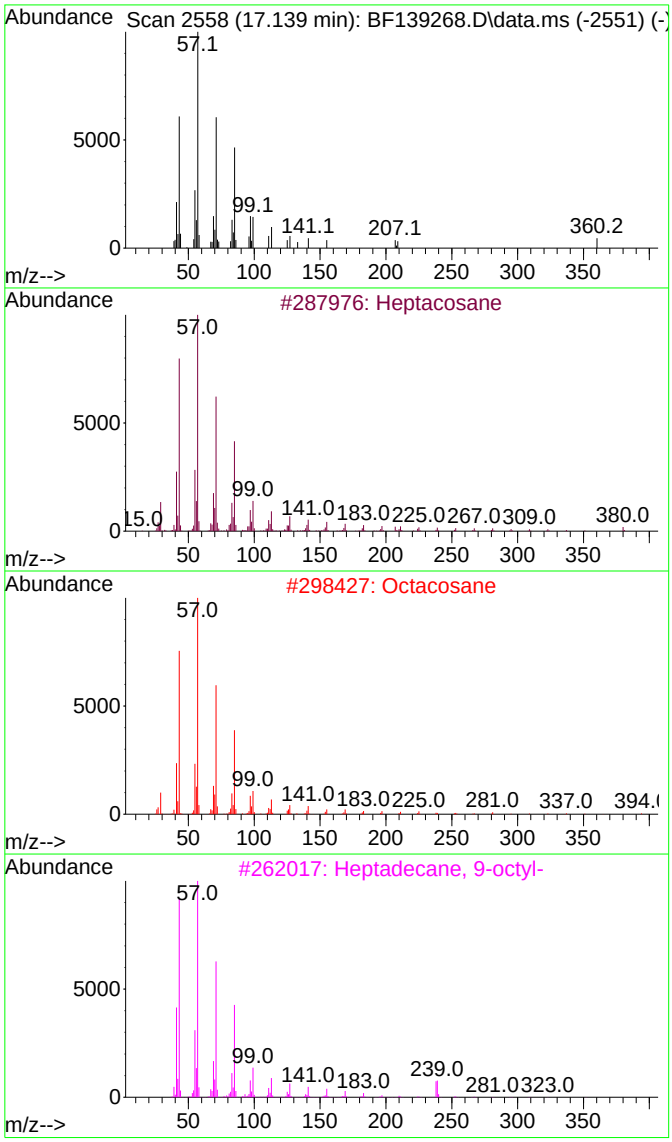
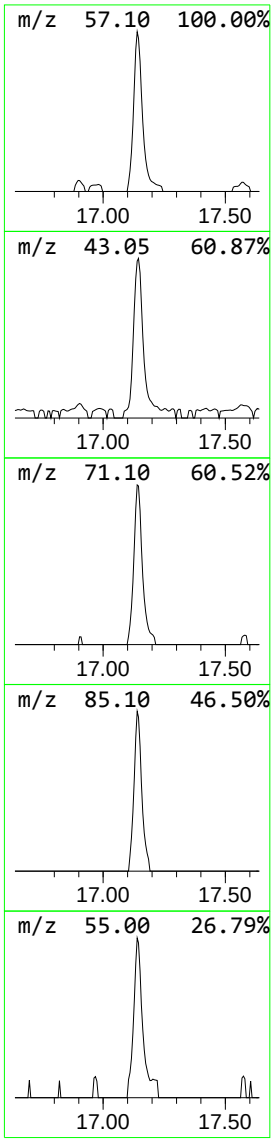
Peak Number 5 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.139	2.07 ng	71587	Perylene-d12	15.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.252	3.0	ng	148218	1	6.887	976111	20.0
2-Pentanone, 4-...	5.128	6.5	ng	318752	1	6.887	976111	20.0
Octacosane	16.015	2.1	ng	72815	6	15.527	690561	20.0
Hexacosane	16.533	2.4	ng	81521	6	15.527	690561	20.0
Heptacosane	17.139	2.1	ng	71587	6	15.527	690561	20.0