LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF116054.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	9	19	rVB	2815181	3978930	100.00%	12.356%
2	4.581	420	424	438	rBV	297238	374223	9.41%	1.162%
3	5.069	504	507	519	rBV	33201	48622	1.22%	0.151%
4	5.469	571	575	599	rBV	1781802	1847192	46.42%	5.736%
5	6.475	742	746	766	rBV	1206532	1326296	33.33%	4.119%
6	6.616	766	770	773	rBV	3287212	2976113	74.80%	9.242%
7	6.839	805	808	817	rBV	814463	767664	19.29%	2.384%
8	6.998	831	835	853	rBV	2892470	2738082	68.81%	8.503%
9	7.404	900	904	922	rBV	2087830	2301187	57.83%	7.146%
10	8.122	1022	1026	1048	rBV	921472	962849	24.20%	2.990%
11	9.198	1204	1209	1212	rBV	4049919	3939717	99.01%	12.234%
12	9.592	1272	1276	1282	rBV	188927	204434	5.14%	0.635%
13	9.875	1320	1324	1339	rVB	1170367	1118923	28.12%	3.475%
14	10.669	1454	1459	1475	rBV	1948786	2262762	56.87%	7.027%
15	11.363	1573	1577	1586	rBV	1091707	1079669	27.13%	3.353%
16	12.945	1841	1846	1849	rBV	3908272	3718531	93.46%	11.548%
17	13.845	1995	1999	2015	rBV3	101205	294350	7.40%	0.914%
18	14.004	2022	2026	2034	rVB	685314	702553	17.66%	2.182%
19	14.157	2048	2052	2057	rBV	36896	39829	1.00%	0.124%
20	14.462	2100	2104	2107	rBV2	72514	70802	1.78%	0.220%
21	14.762	2152	2155	2160	rBV	81059	88786	2.23%	0.276%
22	15.098	2208	2212	2218	rBV	107638	115828	2.91%	0.360%
23	15.474	2271	2276	2287	rBV	639082	929838	23.37%	2.888%
24	15.904	2344	2349	2356	rVB	96760	149104	3.75%	0.463%
25	16.398	2428	2433	2438	rBV2	60003	110395	2.77%	0.343%
26	16.980	2527	2532	2543	rVB3	25218	55097	1.38%	0.171%

Sum of corrected areas: 32201776

LSC Report - Integrated Chromatogram

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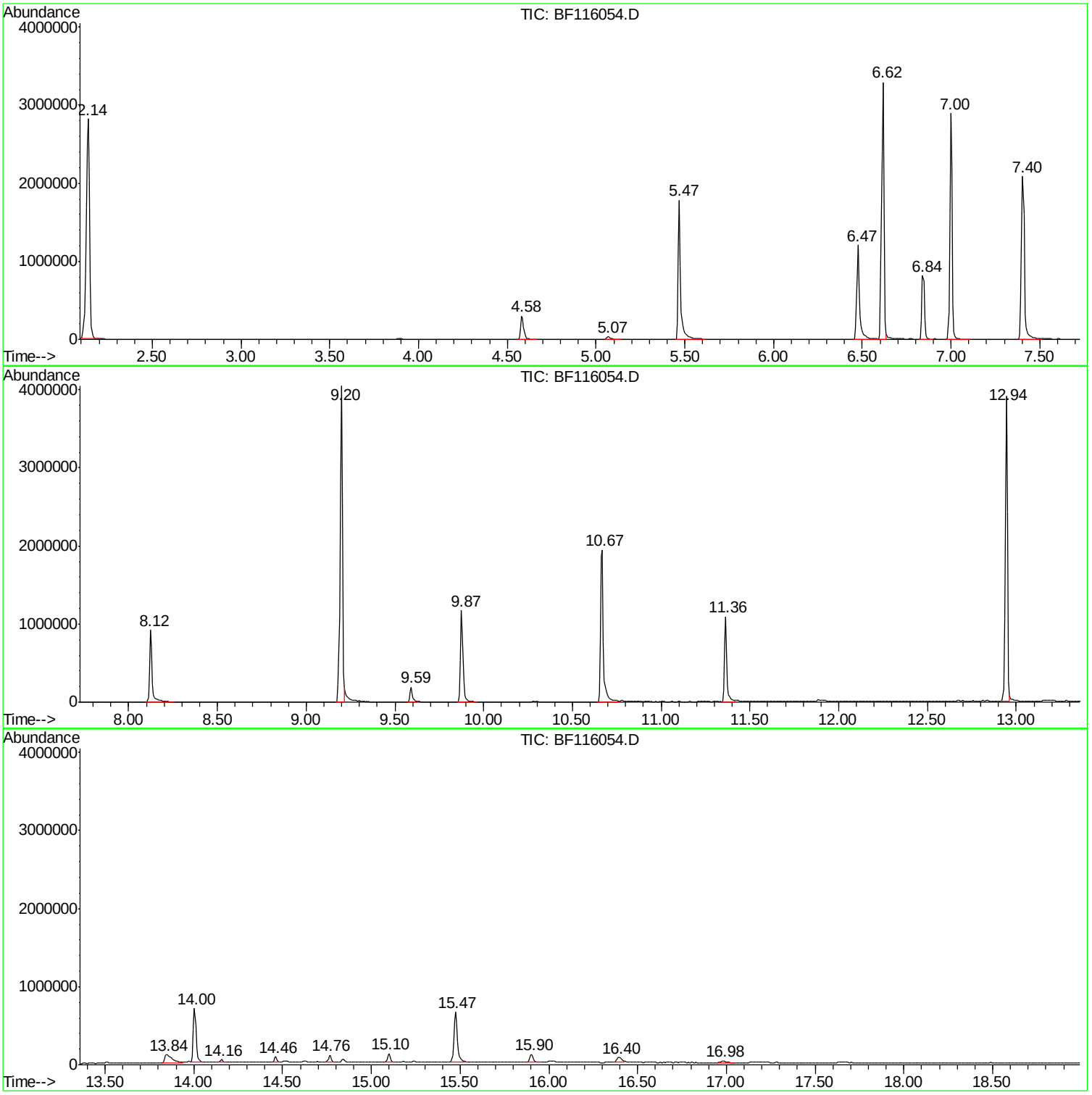
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

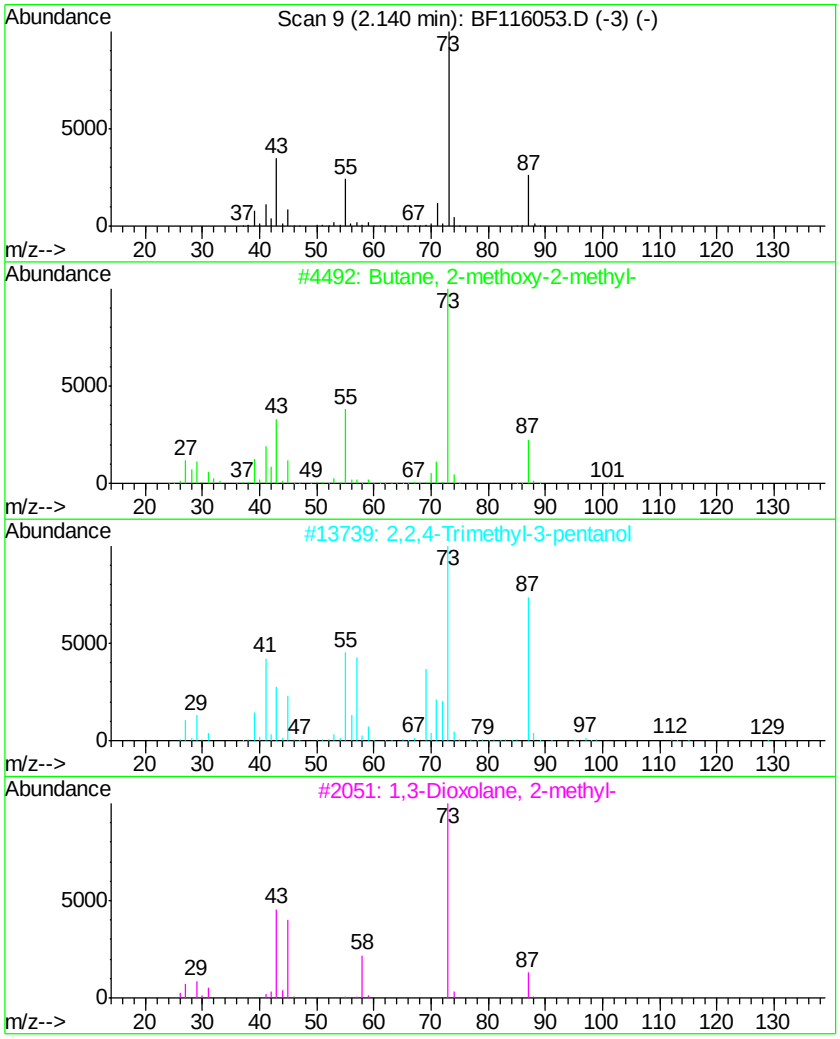
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

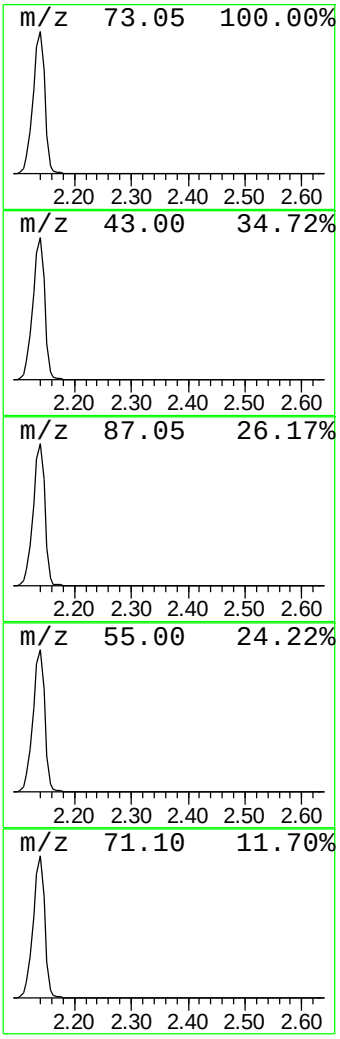
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.14	103.66 ng	3978930	1,4-Dichlorobenzene-d4	6.84

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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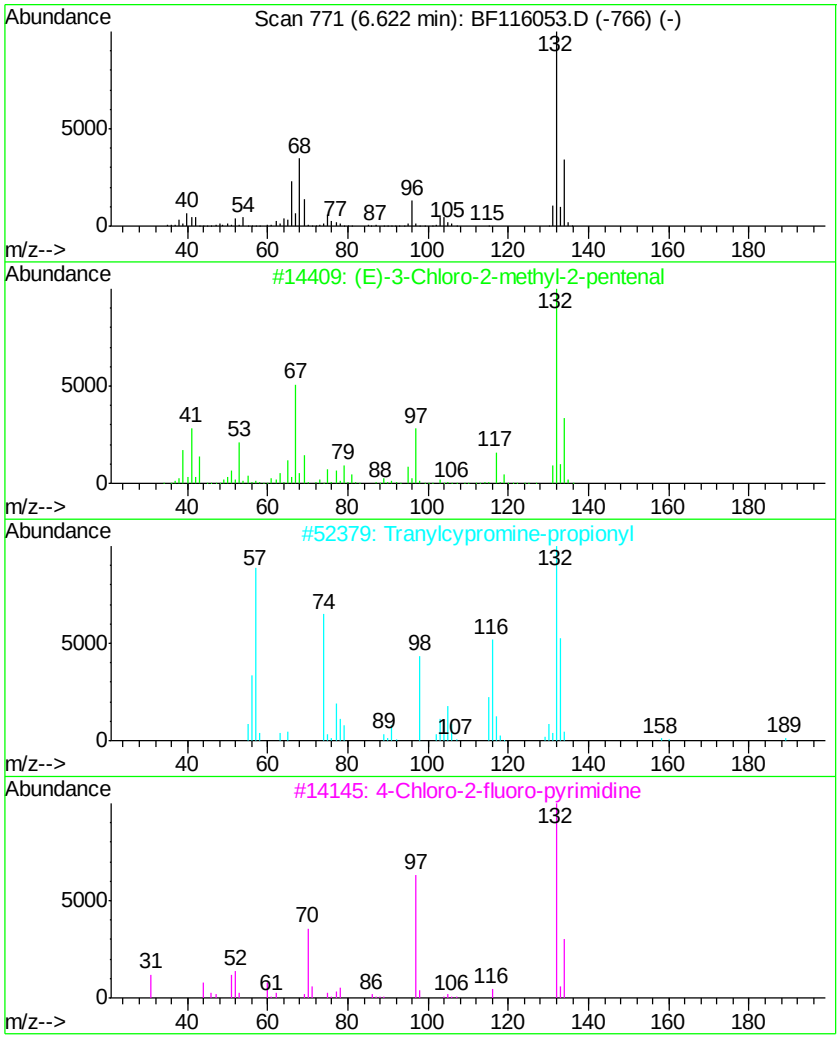
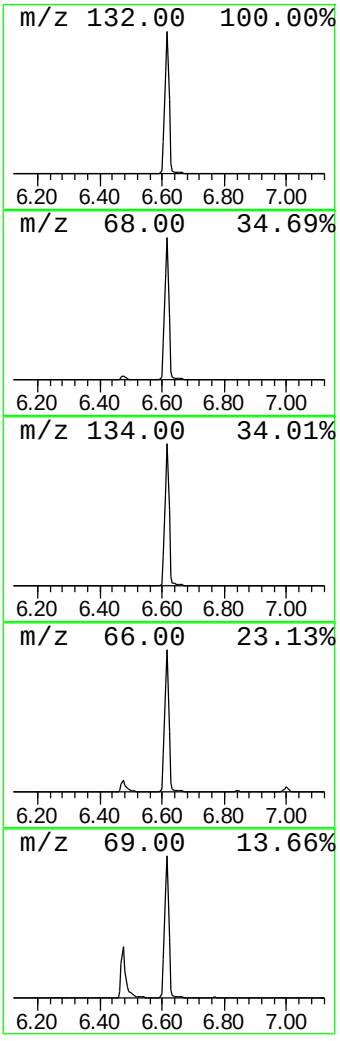
Peak Number 3 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	77.54 ng	2976110	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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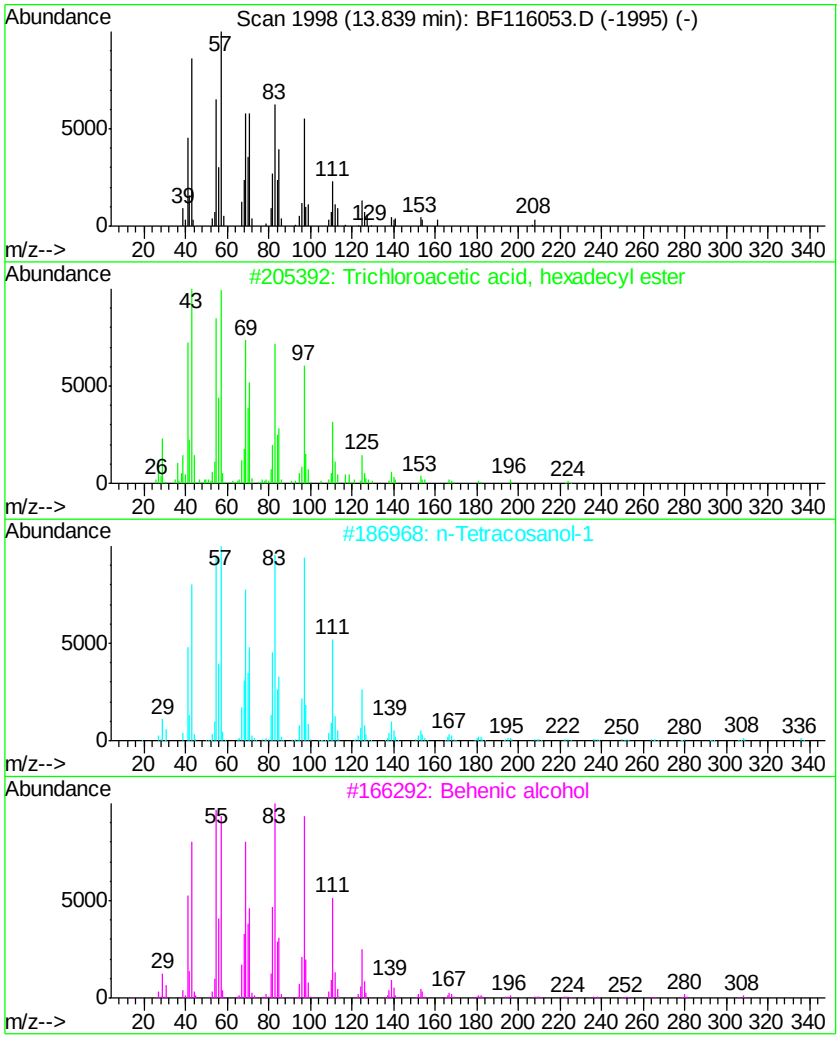
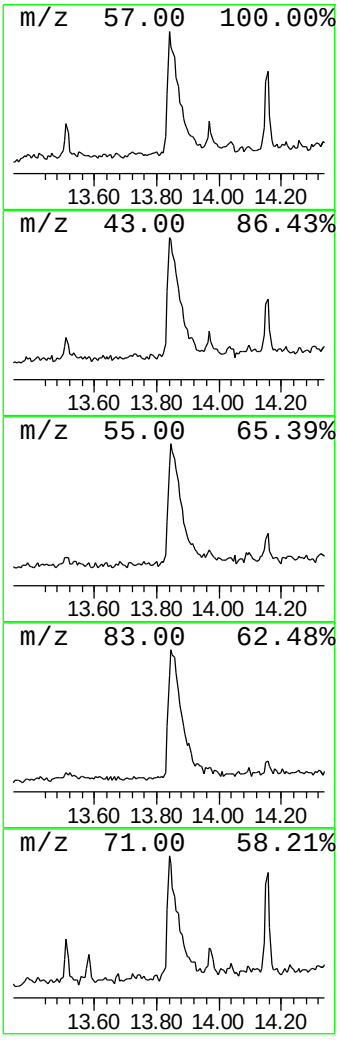
Peak Number 5 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	8.38 ng	294350	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	90
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
5	1-Heptacosanol	396	C27H56O	002004-39-9	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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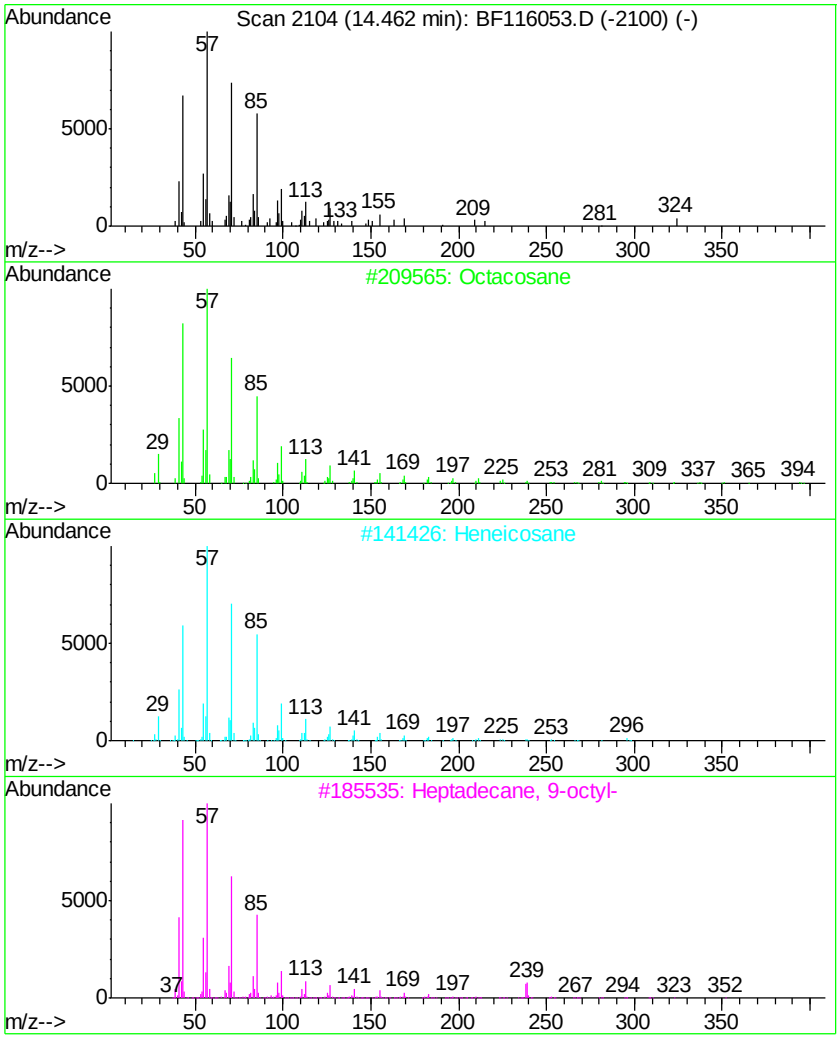
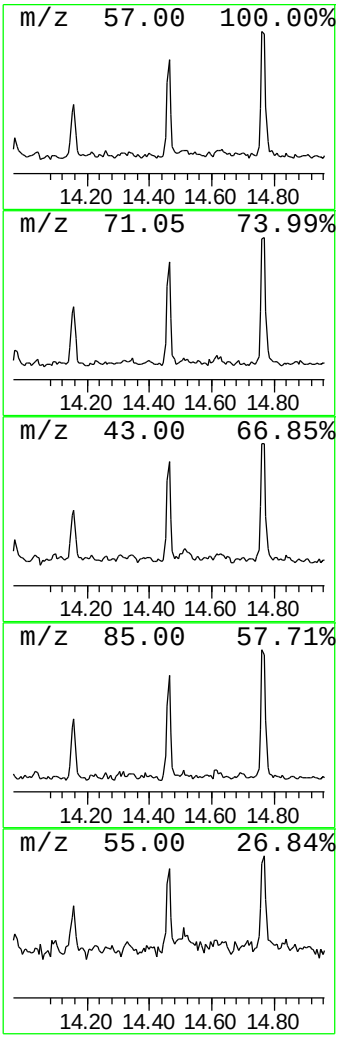
Peak Number 6 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.02 ng	70802	Chrysene-d12	14.00

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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Docosane	310	C22H46	000629-97-0	91
5	Pentacosane	352	C25H52	000629-99-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
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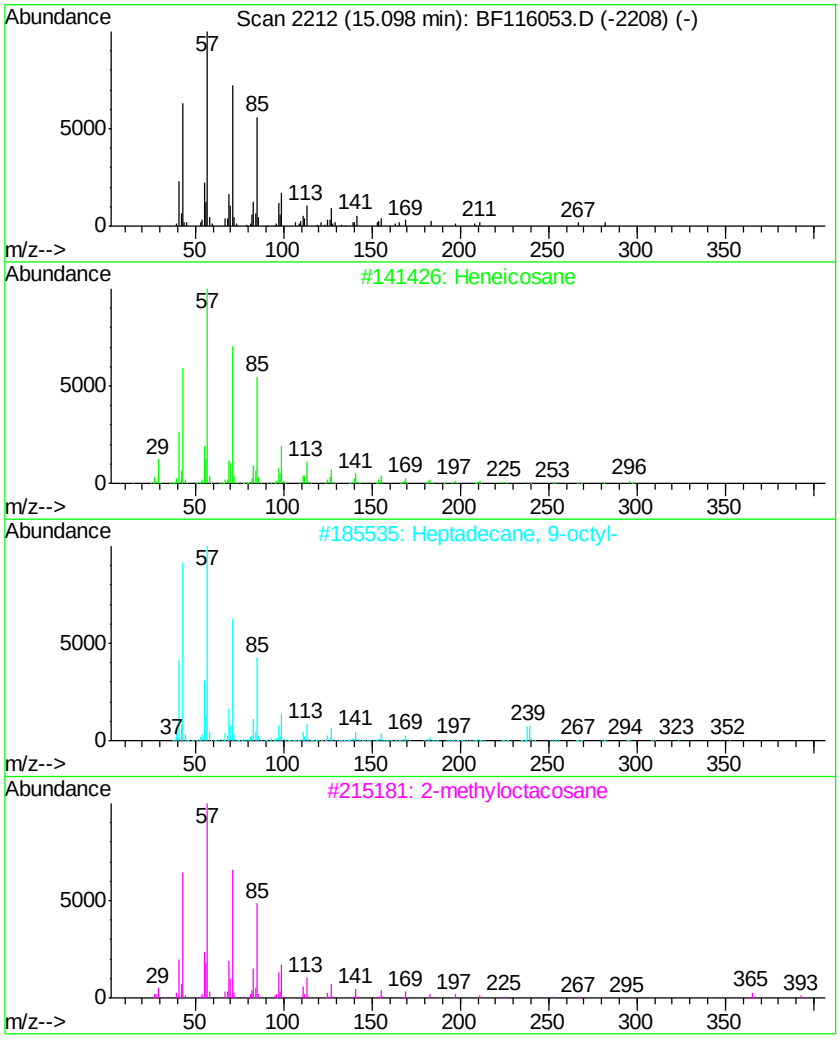
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

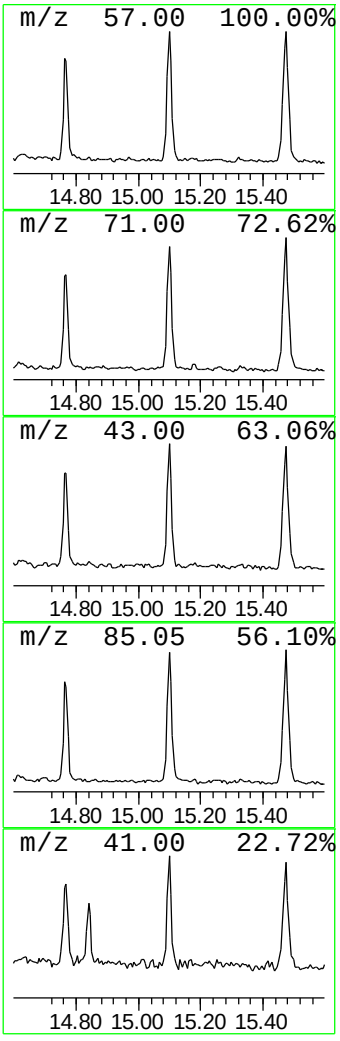
****

Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.49 ng	115828	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane	240	C17H36	000629-78-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080719\
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Acq On : 7 Aug 2019 18:27
Operator : HP/JU
Sample : K4142-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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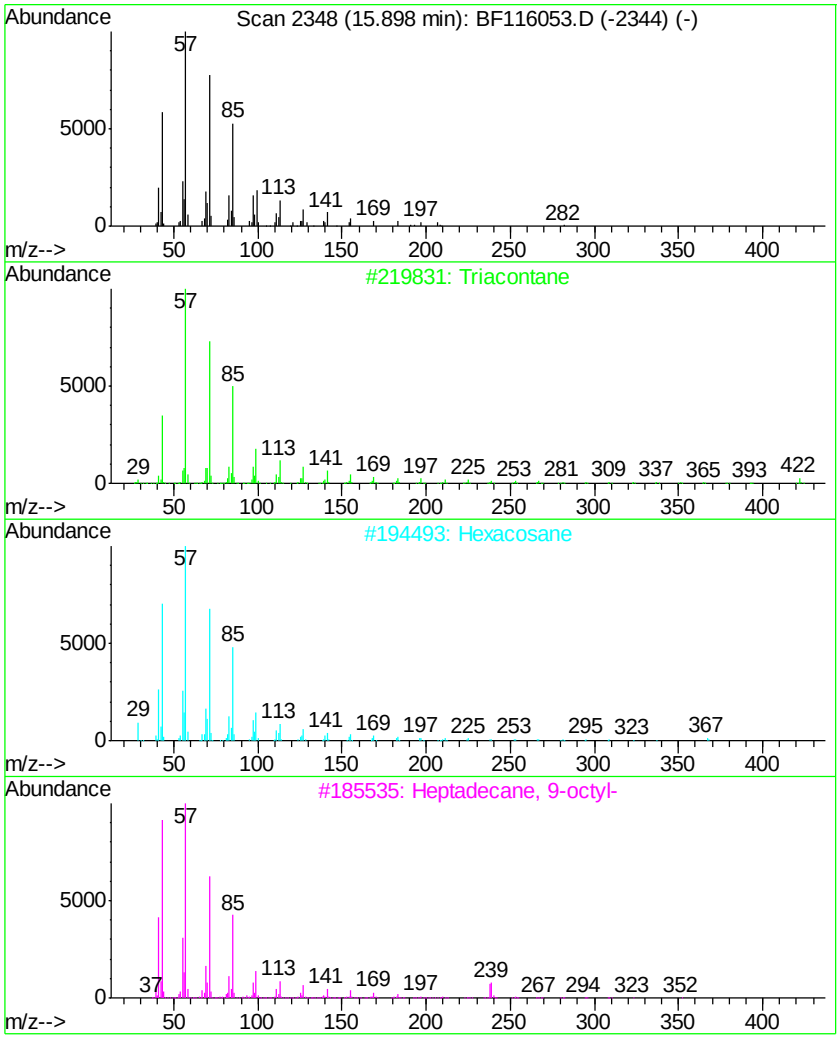
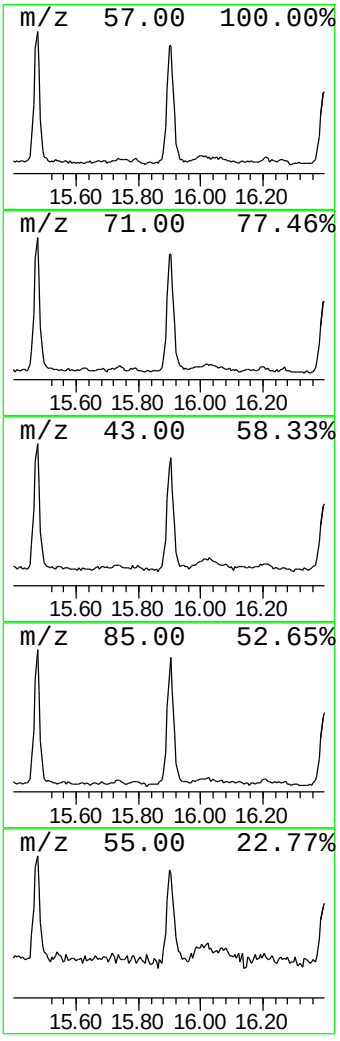
Peak Number 8 Triacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.21 ng	149104	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91





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Acq On : 7 Aug 2019 18:27
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Sample : K4142-01
Misc :
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Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

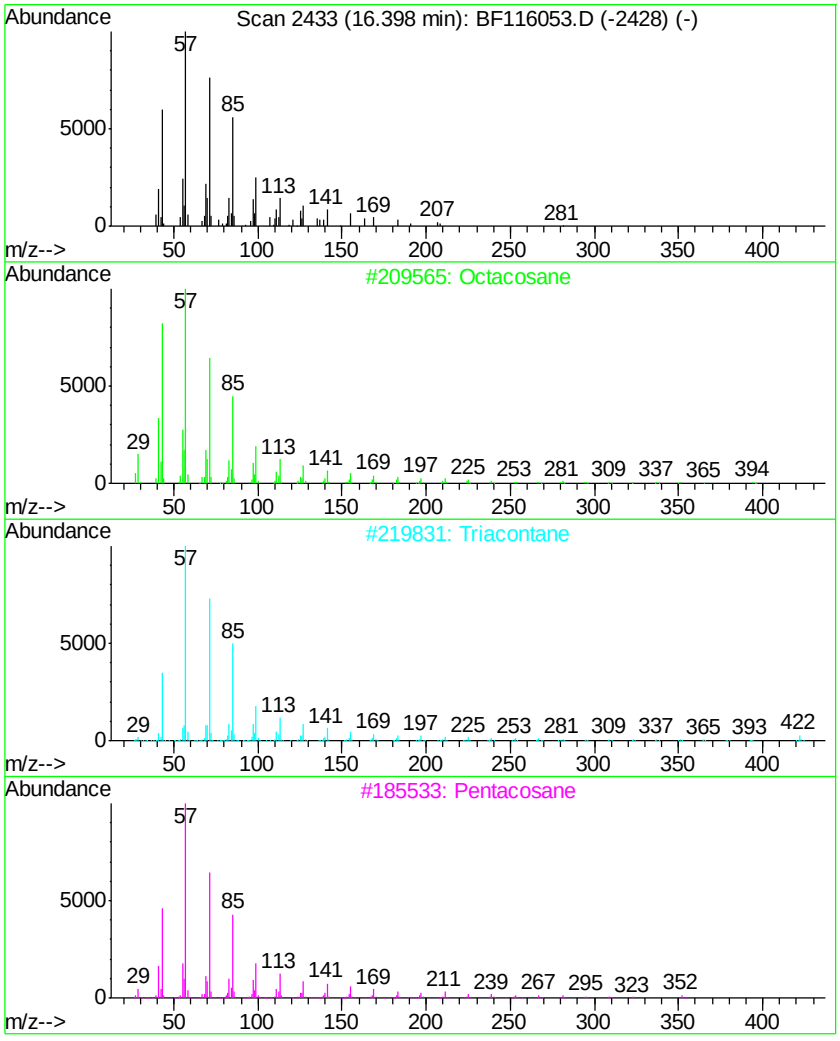
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

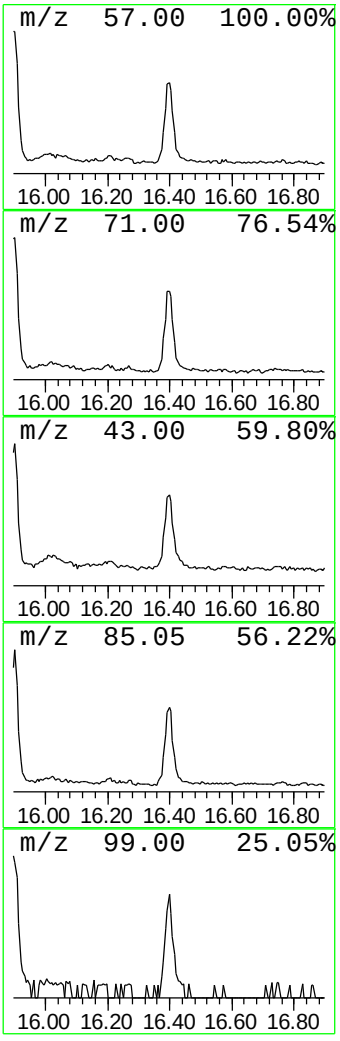
****

Peak Number 9 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	2.37 ng	110395	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080719\
Data File : BF116053.D
Acq On : 7 Aug 2019 18:27
Operator : HP/JU
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Misc :
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Instrument : BNA_F
ClientSampleId : 399L-241L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.14	103.7	ng	3978930	1	6.84	767664	20.0
unknown6.62	6.62	77.5	ng	2976110	1	6.84	767664	20.0
Trichloroacetic a...	13.84	8.4	ng	294350	5	14.00	702553	20.0
Octacosane	14.46	2.0	ng	70802	5	14.00	702553	20.0
Heneicosane	15.10	2.5	ng	115828	6	15.47	929838	20.0
Triacontane	15.90	3.2	ng	149104	6	15.47	929838	20.0
Pentacosane	16.40	2.4	ng	110395	6	15.47	929838	20.0