LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

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-BF102318.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	2.310	31	38	46	rBV	367803	472167	18.15%	2.263%
2	5.198	526	529	539	rBV	67297	90720	3.49%	0.435%
3	5.581	589	594	597	rBV	2105760	1930020	74.18%	9.251%
4	6.581	758	764	782	rBV	2001929	2292096	88.09%	10.987%
5	6.722	784	788	792	rBV	2229322	2192917	84.28%	10.511%
6	6.951	824	827	833	rBV	631978	524407	20.15%	2.514%
7	7.110	850	854	857	rBV	1877722	1660536	63.82%	7.959%
8	7.516	918	923	941	rBV	1332860	1420882	54.61%	6.811%
9	8.239	1041	1046	1062	rBV	576511	713245	27.41%	3.419%
10	9.310	1222	1228	1238	rBV	2850531	2601965	100.00%	12.472%
11	9.704	1289	1295	1305	rBV	297079	332616	12.78%	1.594%
12	9.992	1340	1344	1355	rVB	811983	837923	32.20%	4.016%
13	10.786	1475	1479	1492	rBV	1522076	1513893	58.18%	7.256%
14	11.486	1594	1598	1606	rBV	822750	821880	31.59%	3.939%
15	11.992	1681	1684	1687	rBV2	26835	29265	1.12%	0.140%
16	13.069	1863	1867	1870	rBV	2441890	2073353	79.68%	9.938%
17	13.945	2012	2016	2025	rBV2	75437	127846	4.91%	0.613%
18	14.133	2044	2048	2056	rVB	502596	510417	19.62%	2.447%
19	14.880	2172	2175	2179	rVB	38222	35395	1.36%	0.170%
20	15.233	2231	2235	2239	rVB	44799	56213	2.16%	0.269%
21	15.627	2298	2302	2303	rBV	40940	44145	1.70%	0.212%
22	15.657	2303	2307	2320	rVB	274746	414513	15.93%	1.987%
23	16.080	2374	2379	2384	rVB2	41598	60895	2.34%	0.292%
24	16.610	2463	2469	2478	rBV3	31538	62592	2.41%	0.300%
25	17.233	2569	2575	2585	rVB3	18851	42938	1.65%	0.206%

Sum of corrected areas: 20862839

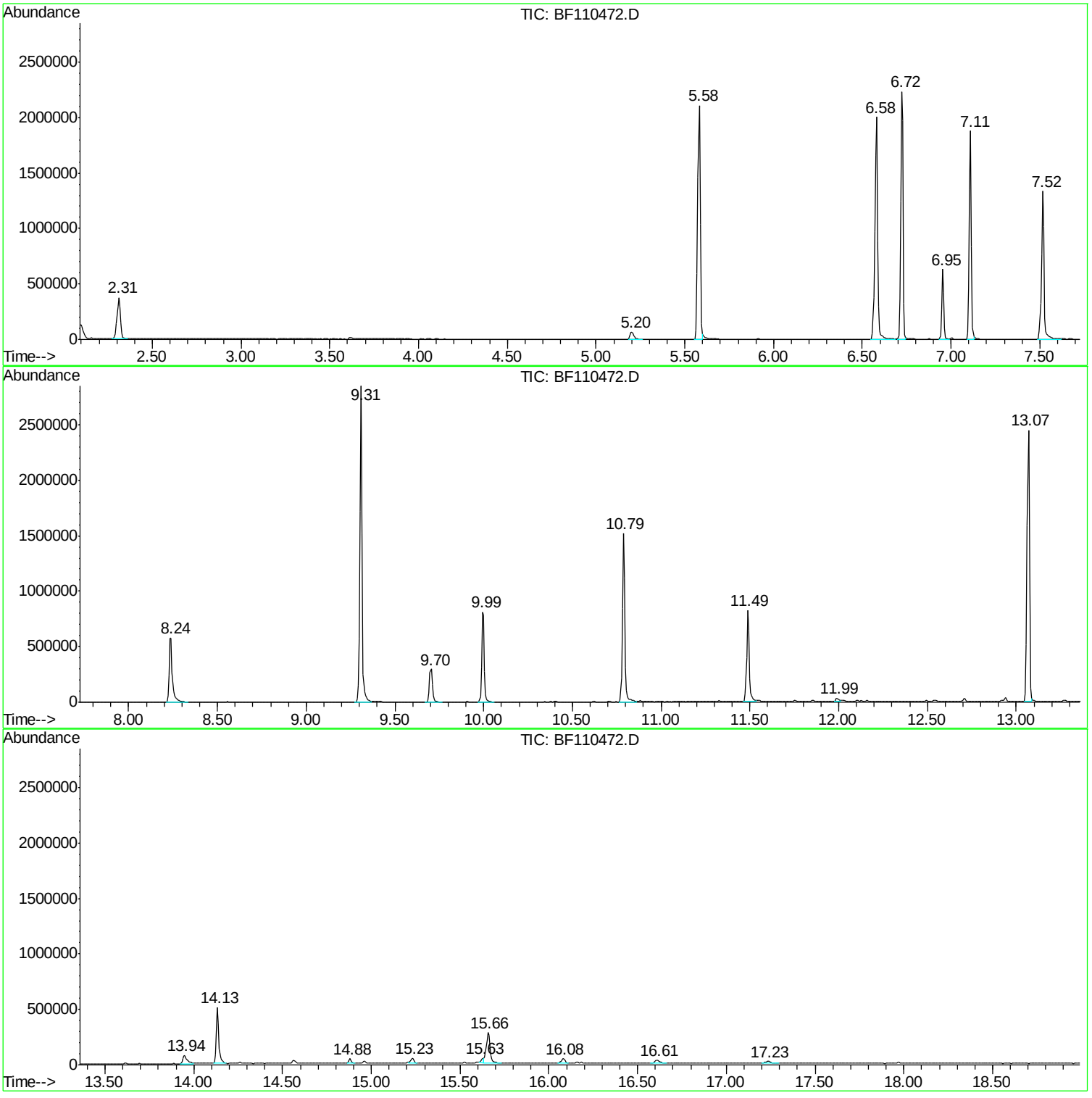
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

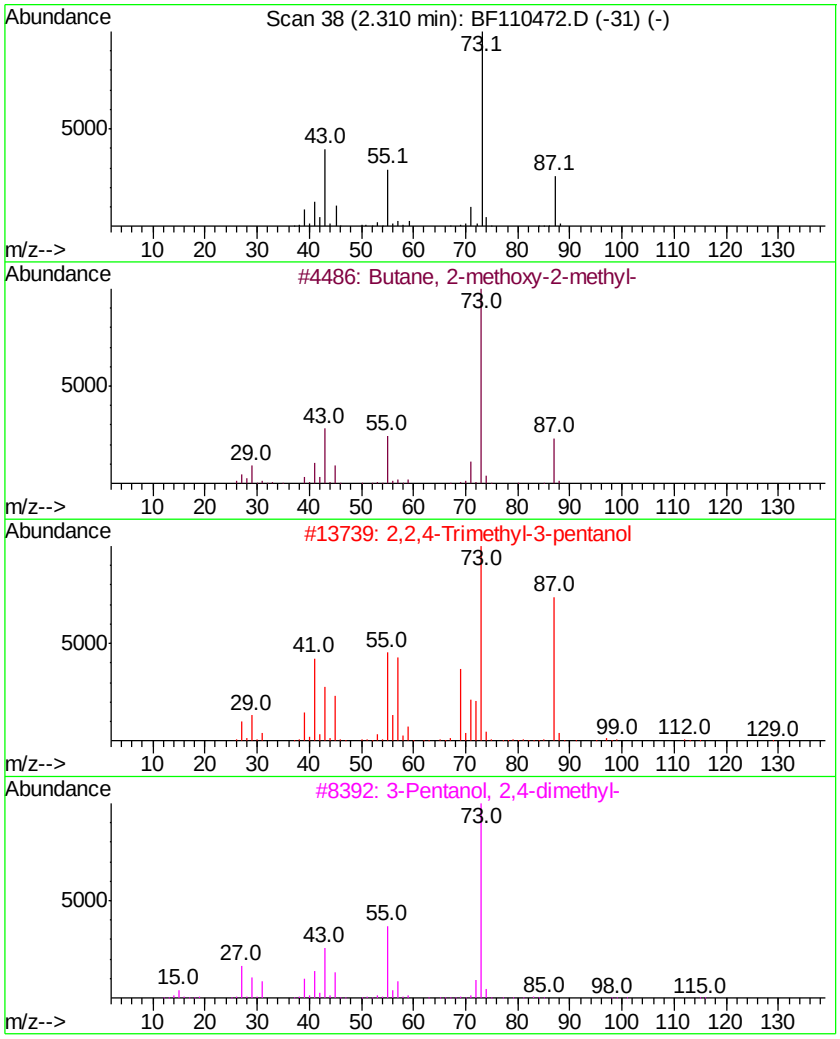
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

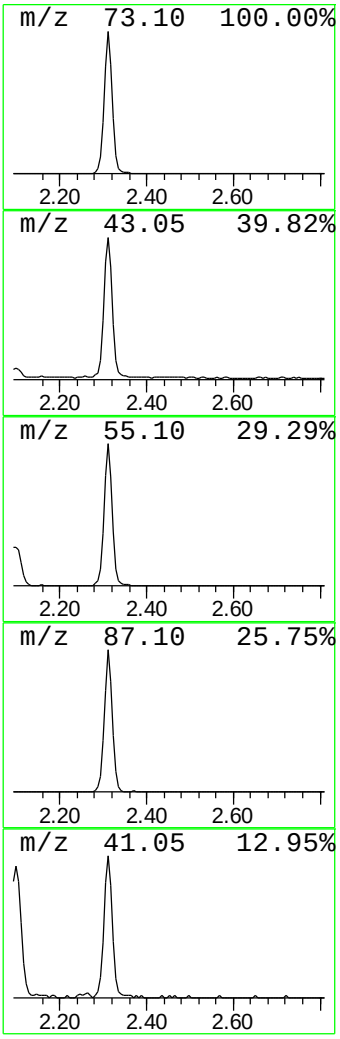
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.31	18.01 ng	472167	1,4-Dichlorobenzene-d4	6.95

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	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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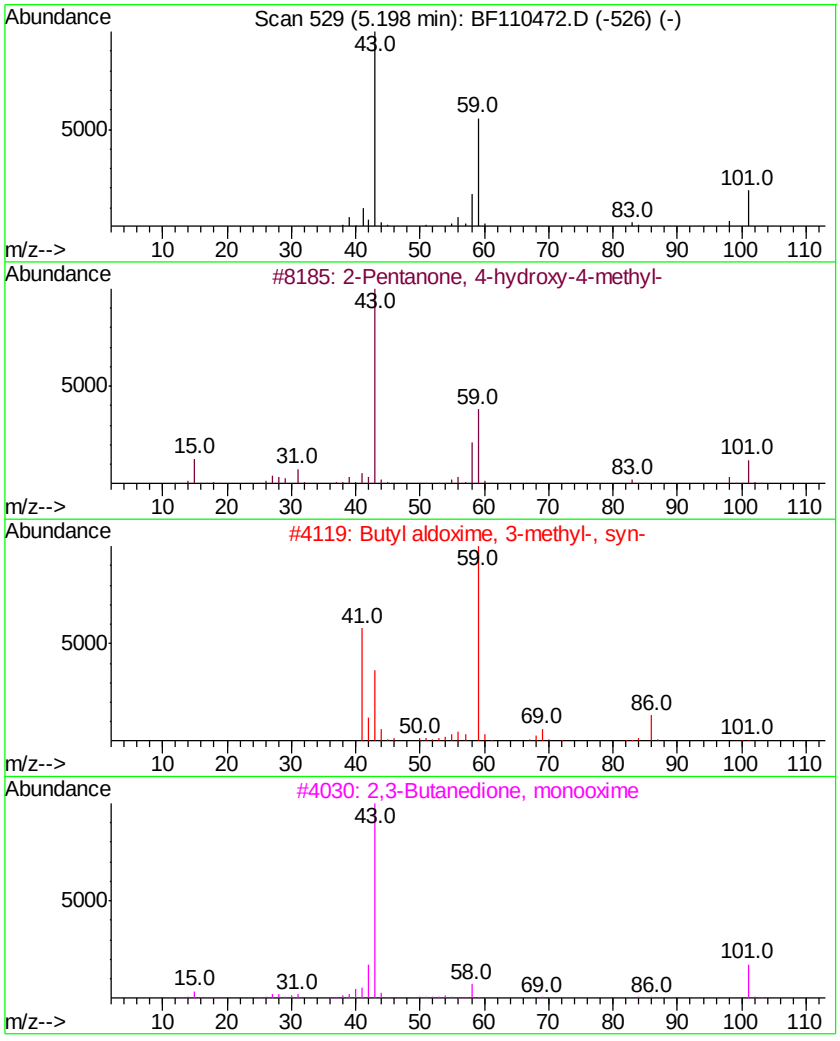
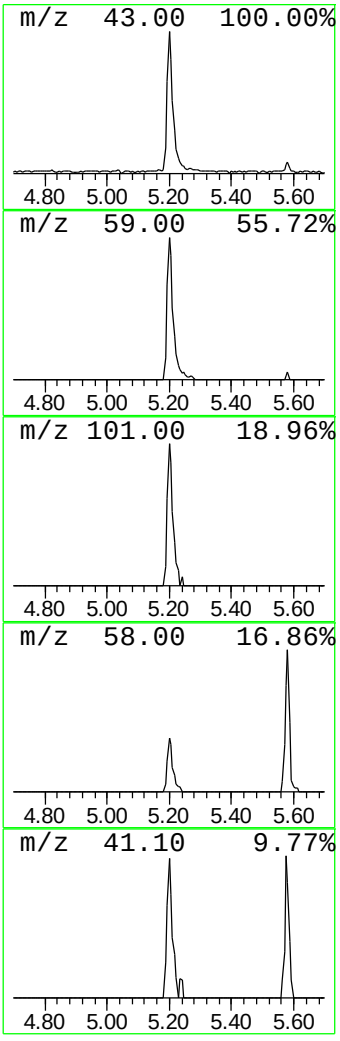
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	3.46 ng	90720	1,4-Dichlorobenzene-d4	6.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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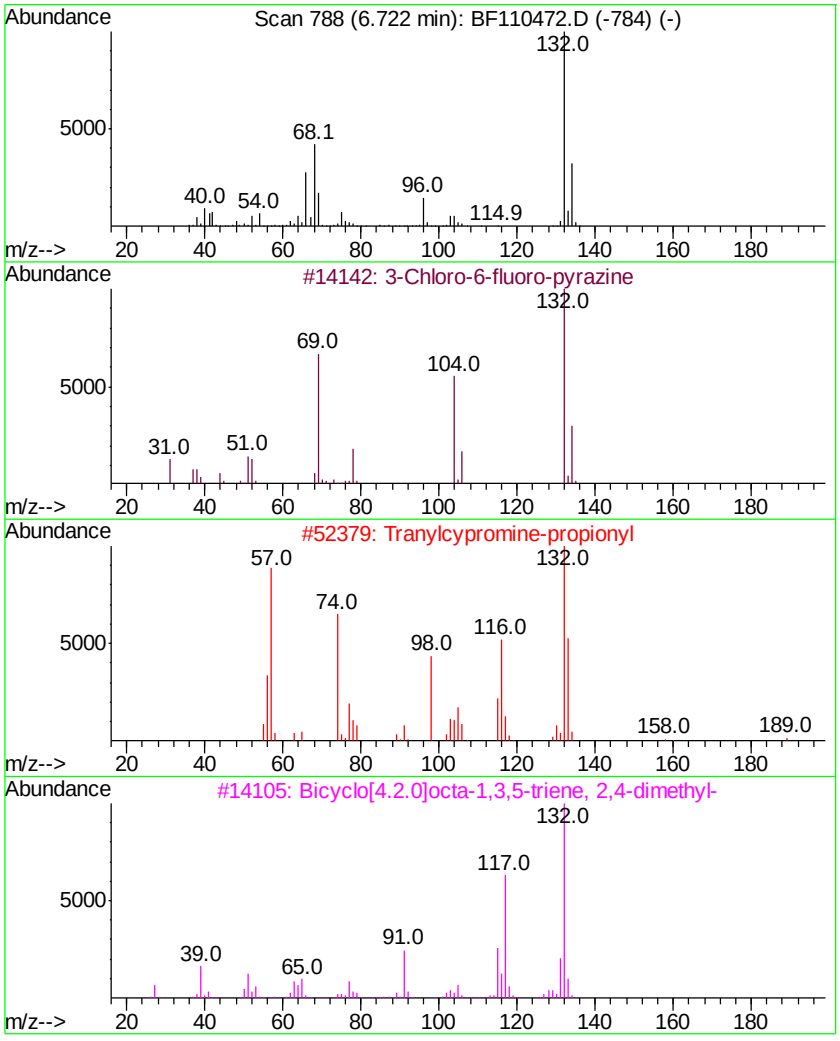
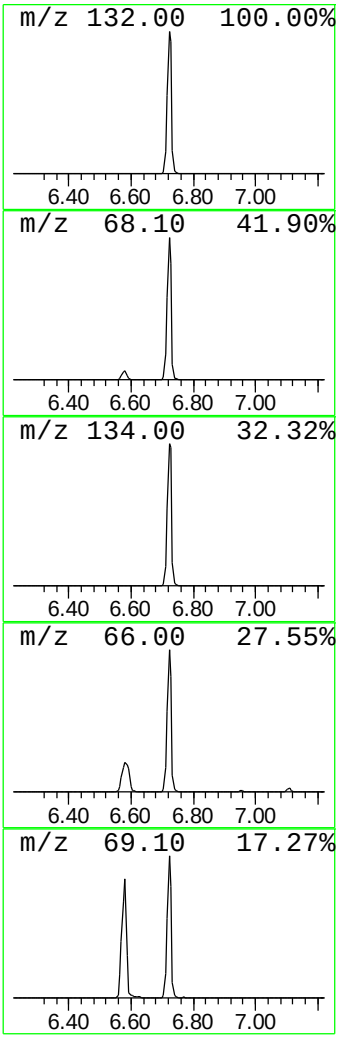
Peak Number 3 unknown6.72 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	83.63 ng	2192920	1,4-Dichlorobenzene-d4	6.95

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

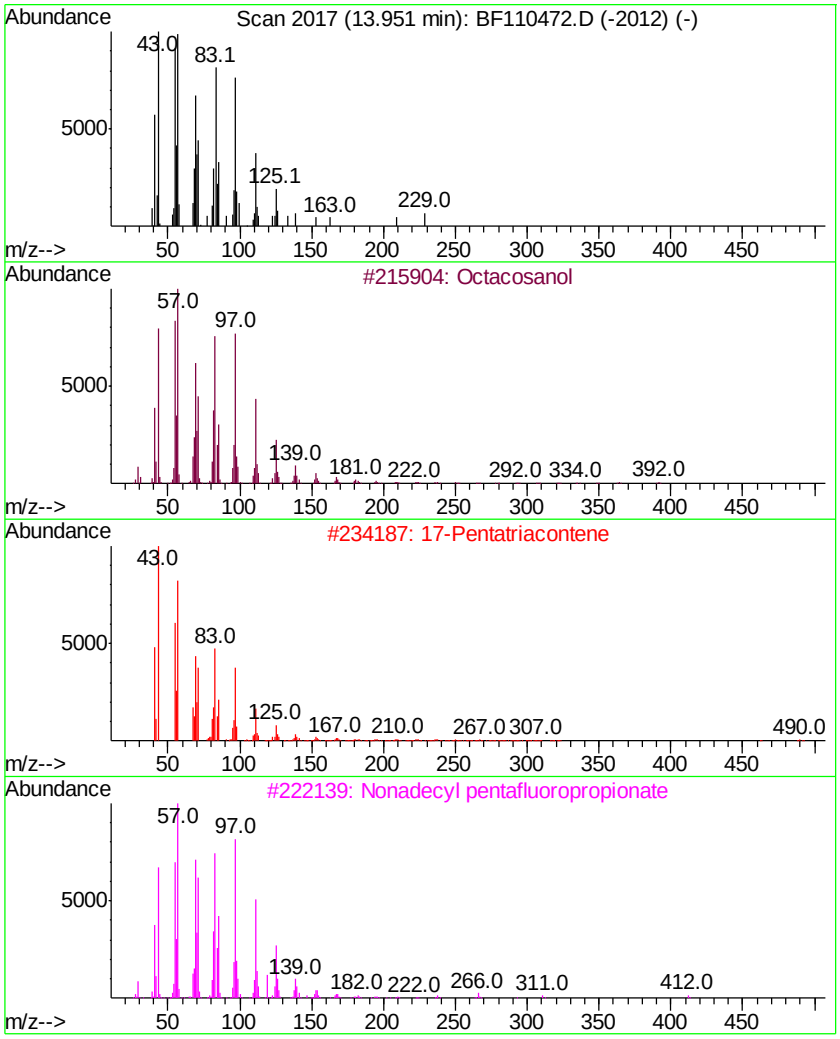
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

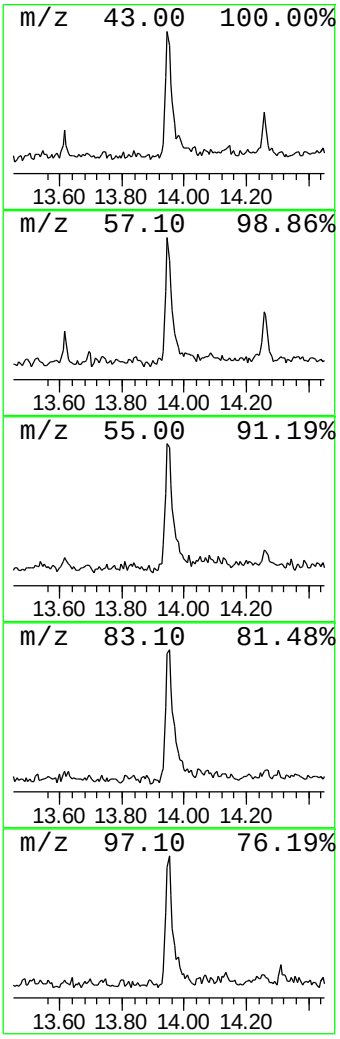
****

Peak Number 5 Octacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	5.01 ng	127846	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
5	1-Heptacosanol	396	C27H56O	002004-39-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

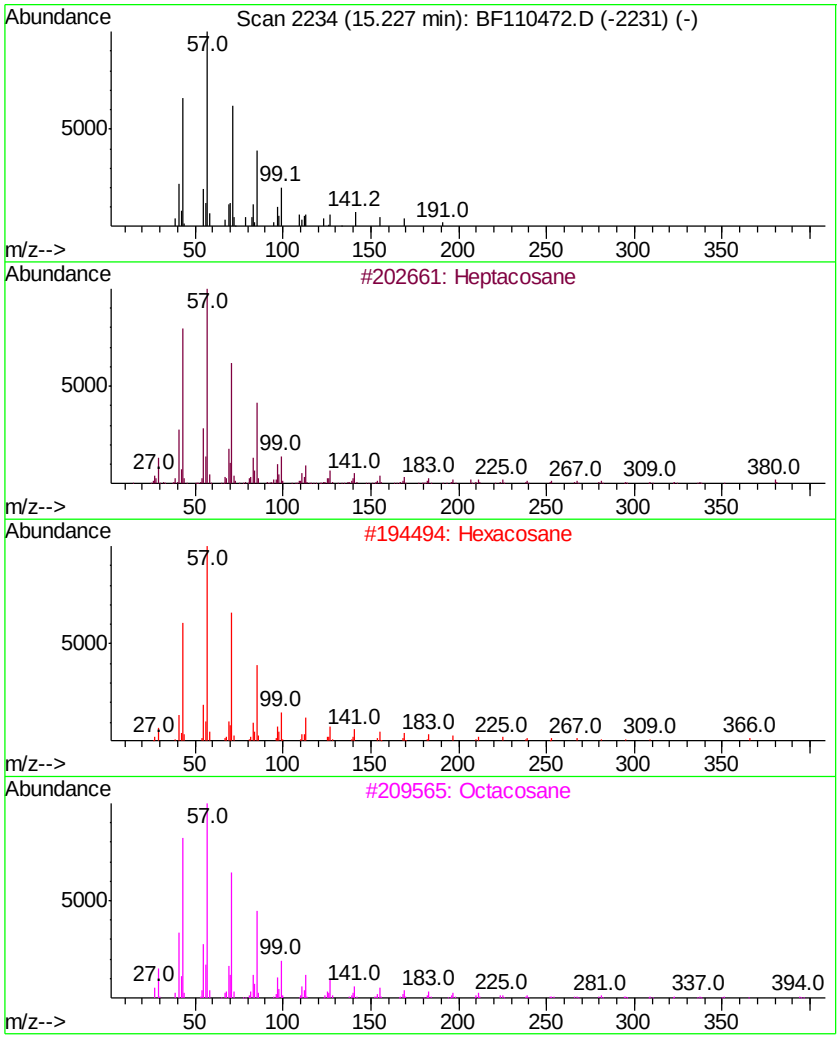
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

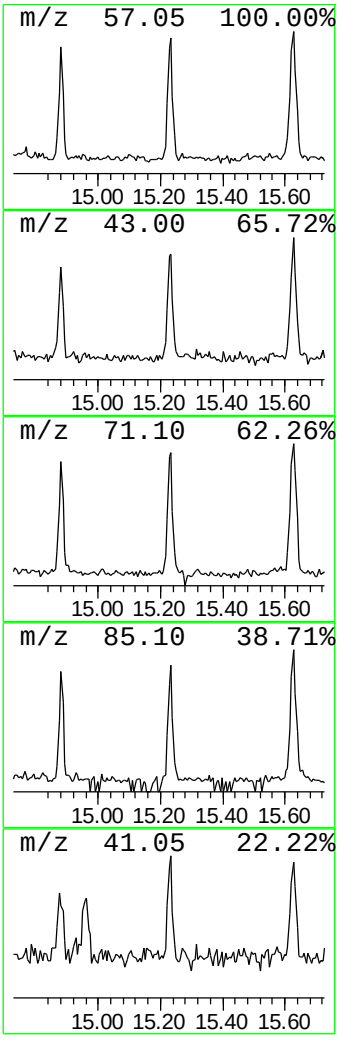
****

Peak Number 6 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.71 ng	56213	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
5	Heptadecane	240	C17H36	000629-78-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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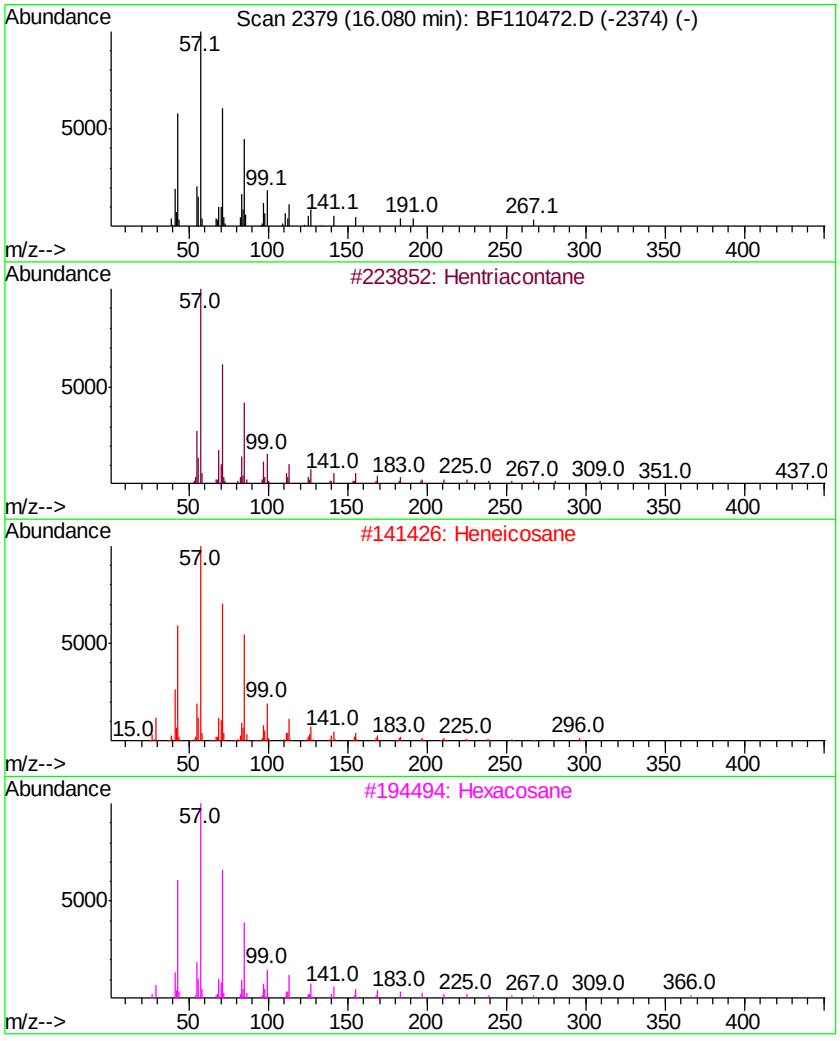
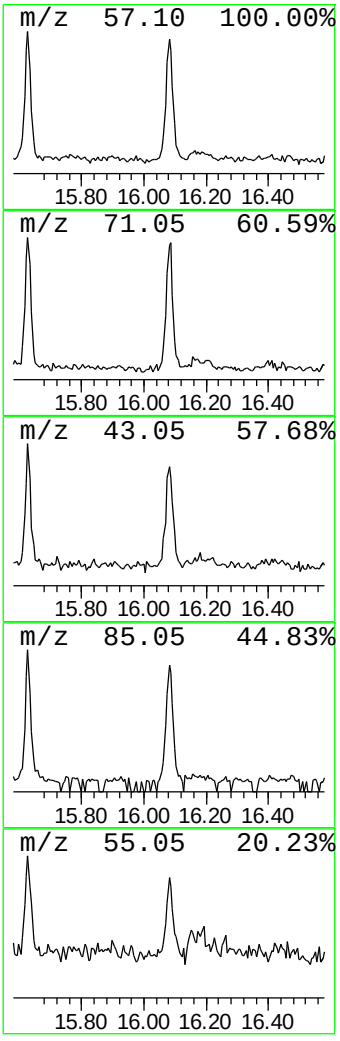
Peak Number 7 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.08	2.94 ng	60895	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Pentacosane	352	C25H52	000629-99-2	87





Library Search Compound Report

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Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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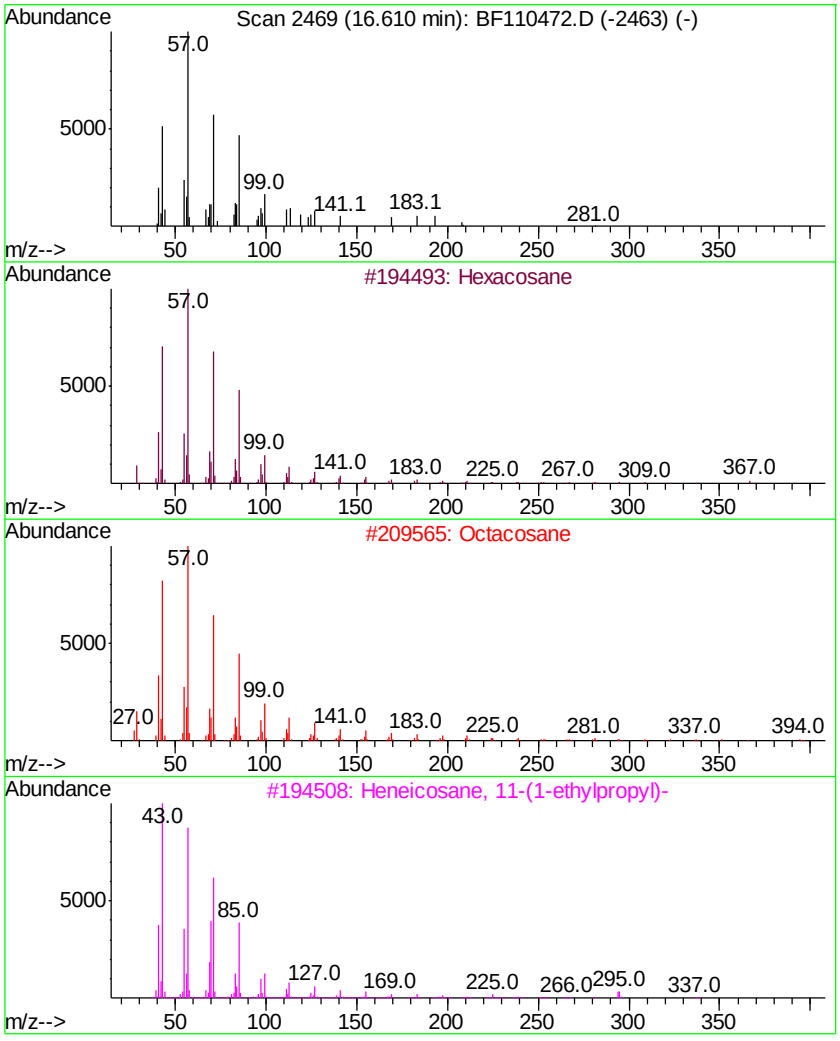
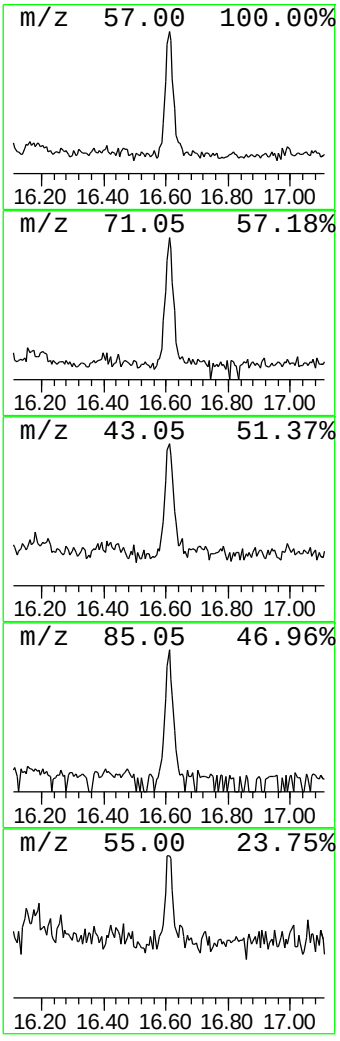
Peak Number 8 Hexacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	3.02 ng	62592	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
4	Hentriacontane	437	C31H64	000630-04-6	86
5	2-methyloctacosane	408	C29H60	1000376-72-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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Sample : J5815-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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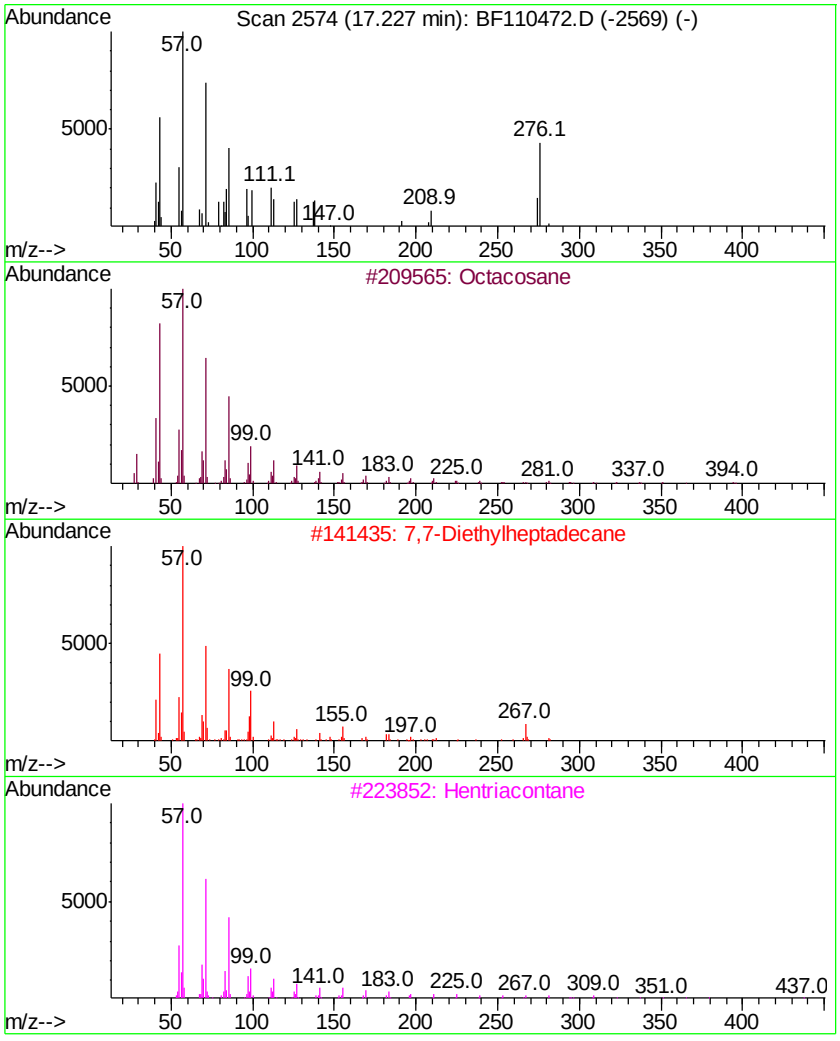
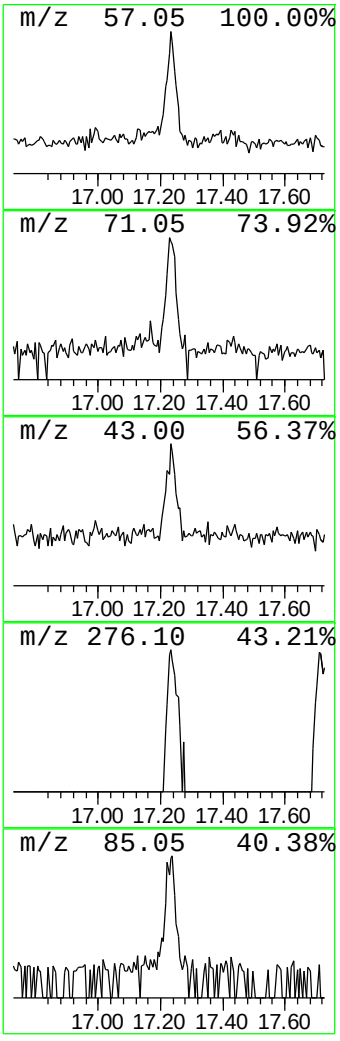
Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.23	2.07 ng	42938	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	53
2	7,7-Diethylheptadecane	296	C21H44	1000360-41-5	50
3	Hentriacontane	437	C31H64	000630-04-6	50
4	Pentatriacontane	493	C35H72	000630-07-9	47
5	Hexadecane	226	C16H34	000544-76-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF110518\
Data File : BF110472.D
Acq On : 5 Nov 2018 18:30
Operator : JU/SJ
Sample : J5815-01
Misc :
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Instrument : BNA_F
ClientSampleId : HL-R37719-RT

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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...	2.31	18.0	ng	472167	1	6.95	524407	20.0
2-Pentanone, 4-hy...	5.20	3.5	ng	90720	1	6.95	524407	20.0
unknown6.72	6.72	83.6	ng	2192920	1	6.95	524407	20.0
Octacosanol	13.95	5.0	ng	127846	5	14.13	510417	20.0
Heptacosane	15.23	2.7	ng	56213	6	15.66	414513	20.0
Hentriacontane	16.08	2.9	ng	60895	6	15.66	414513	20.0
Hexacosane	16.61	3.0	ng	62592	6	15.66	414513	20.0
Octacosane	17.23	2.1	ng	42938	6	15.66	414513	20.0