LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

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-BF012020.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	2.157	6	12	19	rVB	1020297	1407097	23.03%	2.659%
2	5.093	503	511	515	rBV2	42861	66587	1.09%	0.126%
3	5.492	574	579	583	rBV	4316505	4063411	66.50%	7.679%
4	6.498	745	750	760	rBV	4564640	4247609	69.51%	8.027%
5	6.875	811	814	818	rBV	2156580	1918903	31.40%	3.626%
6	7.034	837	841	845	rBV	4144612	3632995	59.45%	6.865%
7	7.434	904	909	912	rBV	3117534	2714015	44.41%	5.129%
8	8.157	1028	1032	1036	rBV	2708230	2546272	41.67%	4.812%
9	9.233	1210	1215	1219	rBV	6158379	5446769	89.13%	10.293%
10	9.622	1278	1281	1290	rBV	307715	274630	4.49%	0.519%
11	9.916	1326	1331	1335	rBV	3621752	3149504	51.54%	5.952%
12	10.698	1460	1464	1478	rBV	3797188	3664496	59.97%	6.925%
13	11.280	1559	1563	1570	rVB3	74081	82702	1.35%	0.156%
14	11.398	1579	1583	1586	rBV	3715097	3270987	53.53%	6.181%
15	11.422	1586	1587	1590	rVB	141915	81202	1.33%	0.153%
16	11.921	1669	1672	1684	rVB3	261394	281773	4.61%	0.532%
17	12.610	1785	1789	1792	rBV	263832	219780	3.60%	0.415%
18	12.839	1819	1828	1831	rBV	230680	250217	4.09%	0.473%
19	12.980	1848	1852	1856	rBV	6449143	6110819	100.00%	11.547%
20	13.874	2001	2004	2014	rBV	507795	619044	10.13%	1.170%
21	14.033	2023	2031	2034	rBV	3220703	3039103	49.73%	5.743%
22	14.204	2055	2060	2065	rBV	162543	167898	2.75%	0.317%
23	14.510	2107	2112	2116	rBV	358875	352196	5.76%	0.666%
24	14.815	2160	2164	2174	rBV	420415	461273	7.55%	0.872%
25	14.892	2174	2177	2181	rBV	59431	66735	1.09%	0.126%
26	15.074	2204	2208	2211	rBV	91362	141709	2.32%	0.268%
27	15.157	2218	2222	2232	rVB	429521	532987	8.72%	1.007%
28	15.380	2256	2260	2266	rBV	55231	81155	1.33%	0.153%
29	15.439	2266	2270	2275	rVB	78838	110248	1.80%	0.208%
30	15.504	2276	2281	2285	rBV	1965001	2559825	41.89%	4.837%
31	15.545	2285	2288	2297	rVB	400918	538398	8.81%	1.017%
32	15.986	2358	2363	2368	rBV	259161	392850	6.43%	0.742%
33	16.498	2445	2450	2459	rVB	145238	263429	4.31%	0.498%
34	16.968	2527	2530	2539	rVB2	34436	68724	1.12%	0.130%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.098	2547	2552	2560	rBV3	48822	93890	1.54%	0.177%

Sum of corrected areas: 52919232

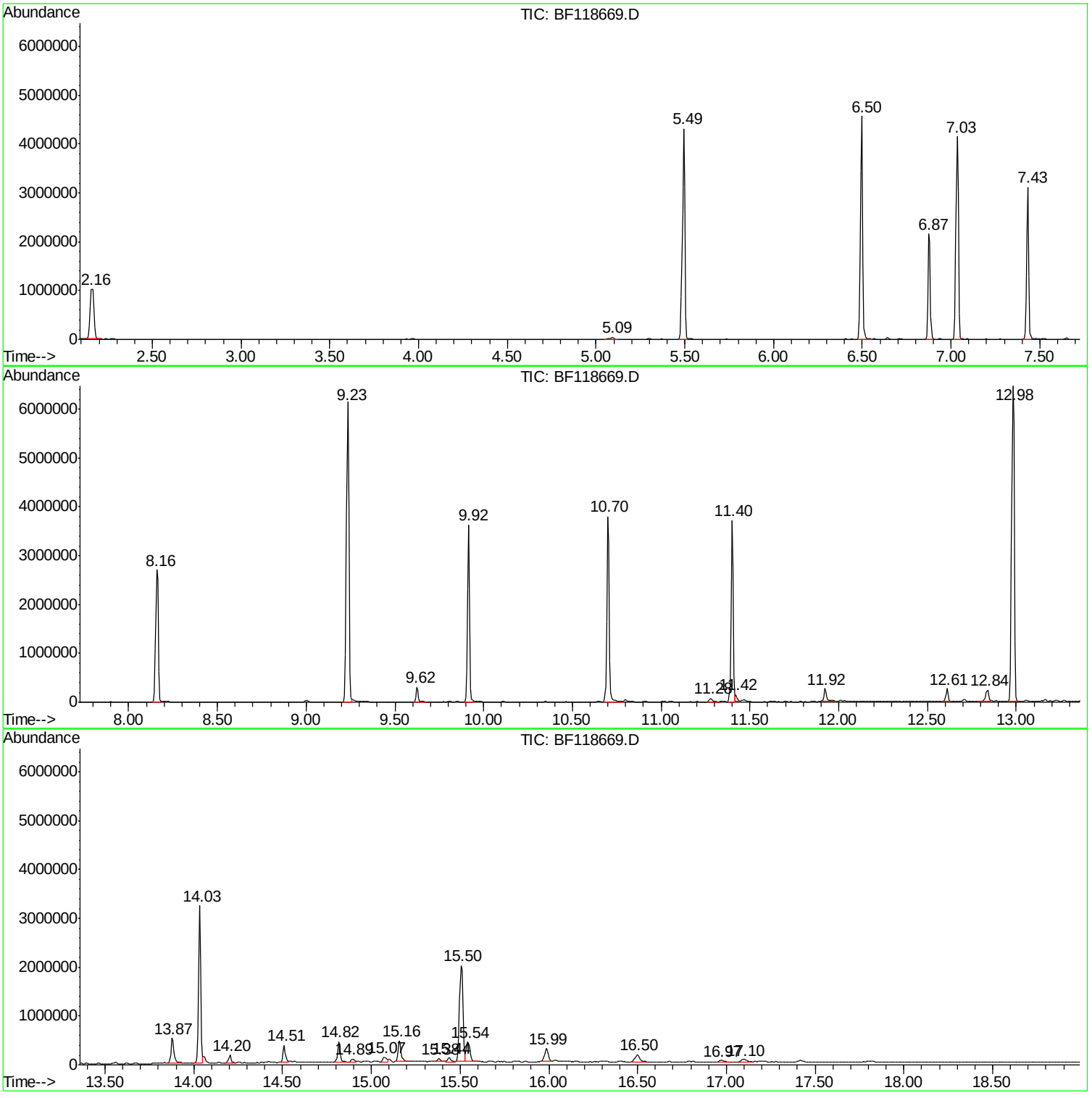
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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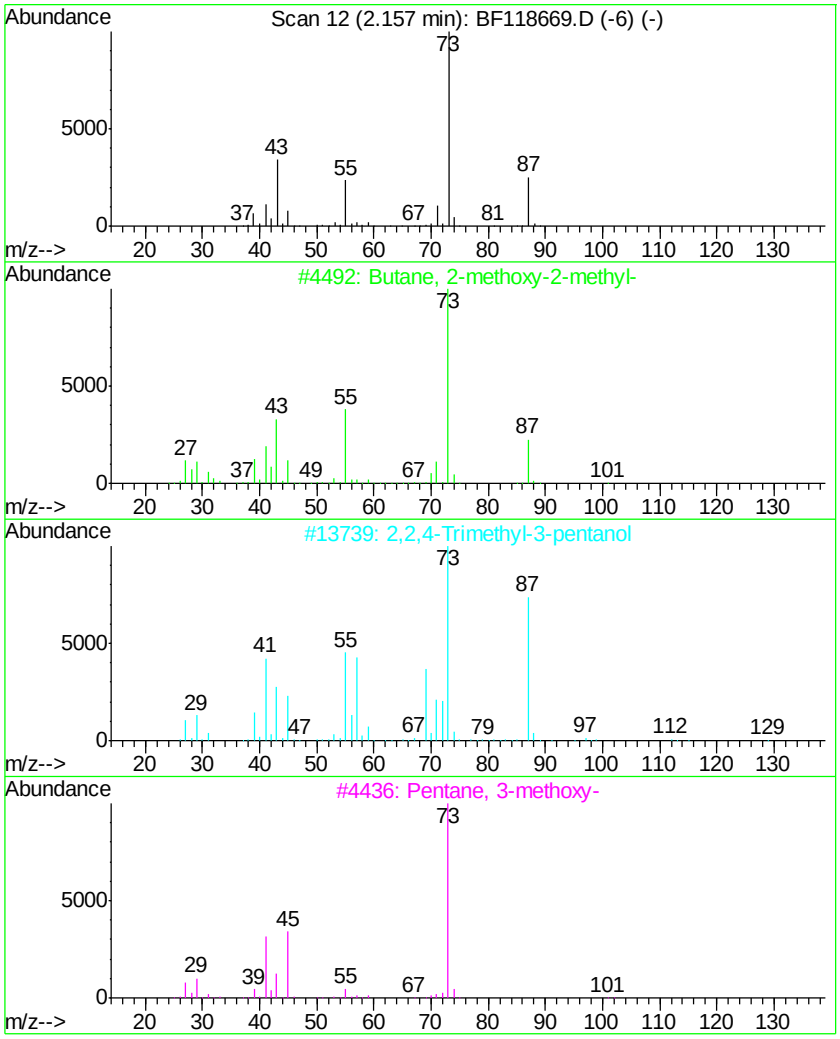
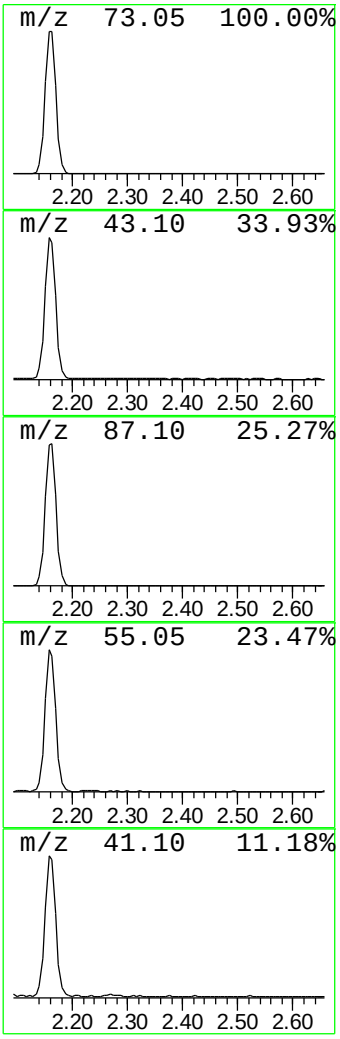
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	14.67 ng	1407100	1,4-Dichlorobenzene-d4	6.87

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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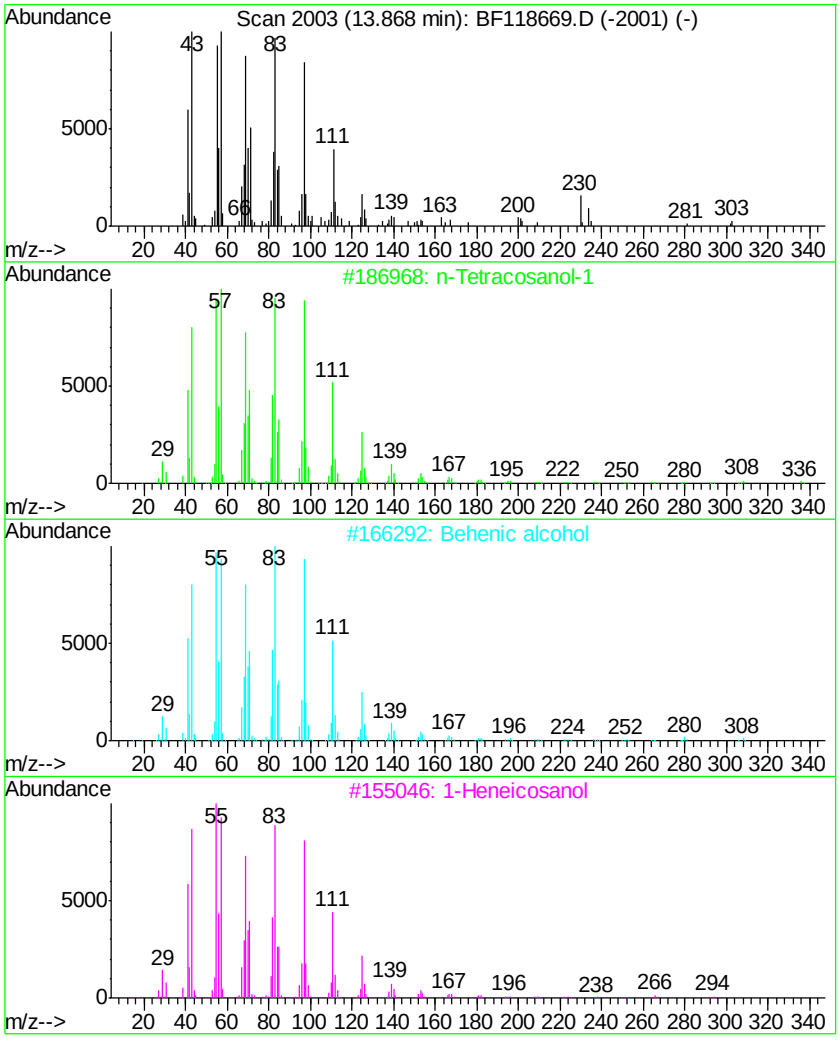
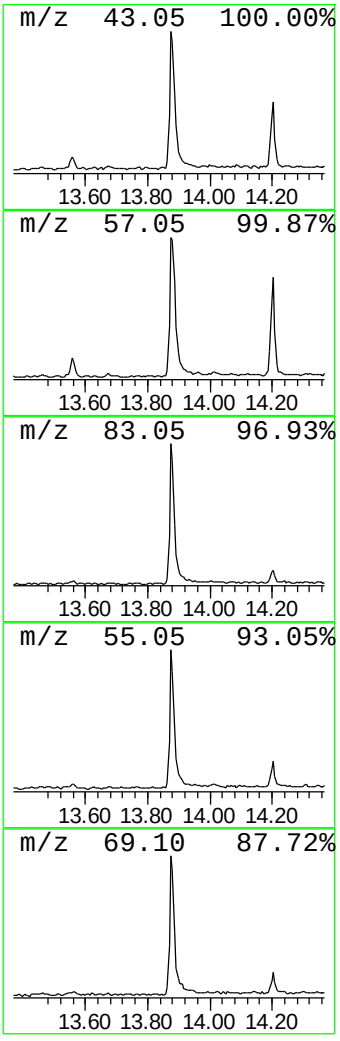
Peak Number 3 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	4.07 ng	619044	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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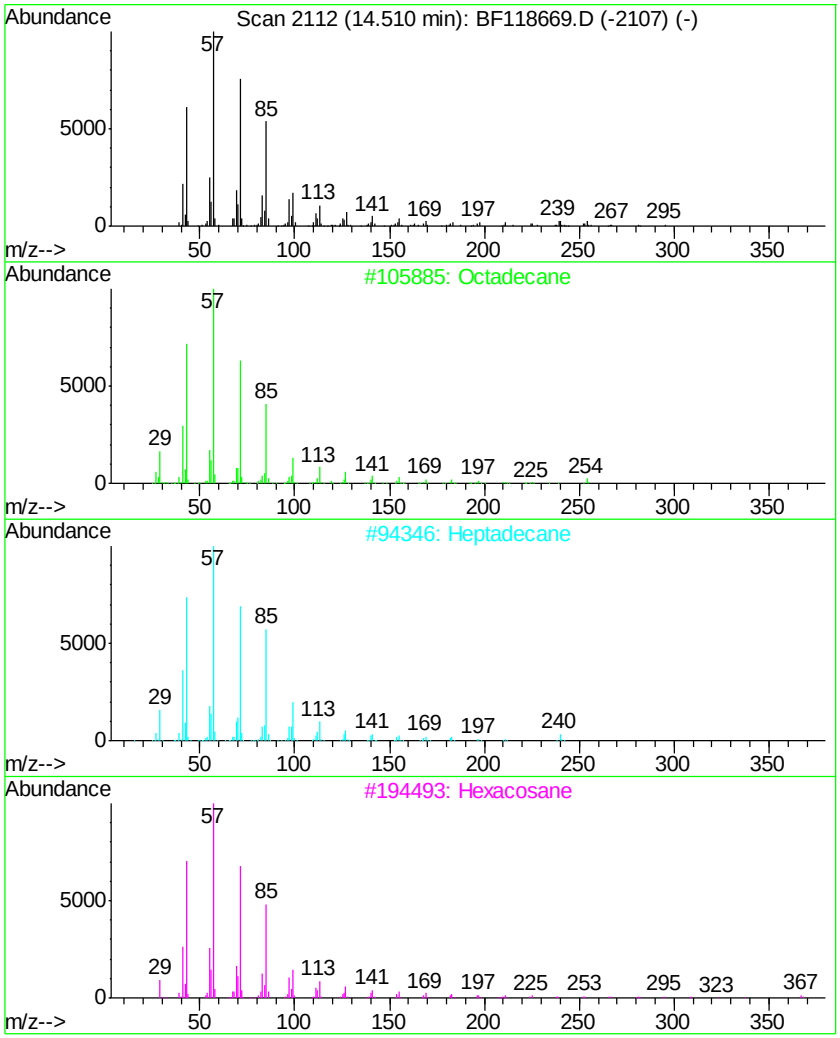
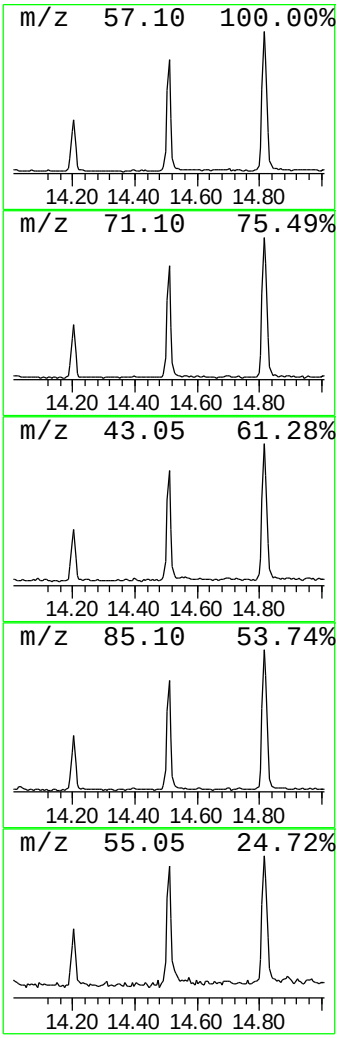
Peak Number 4 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.32 ng	352196	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Heptadecane	240	C17H36	000629-78-7	96
3	Hexacosane	366	C26H54	000630-01-3	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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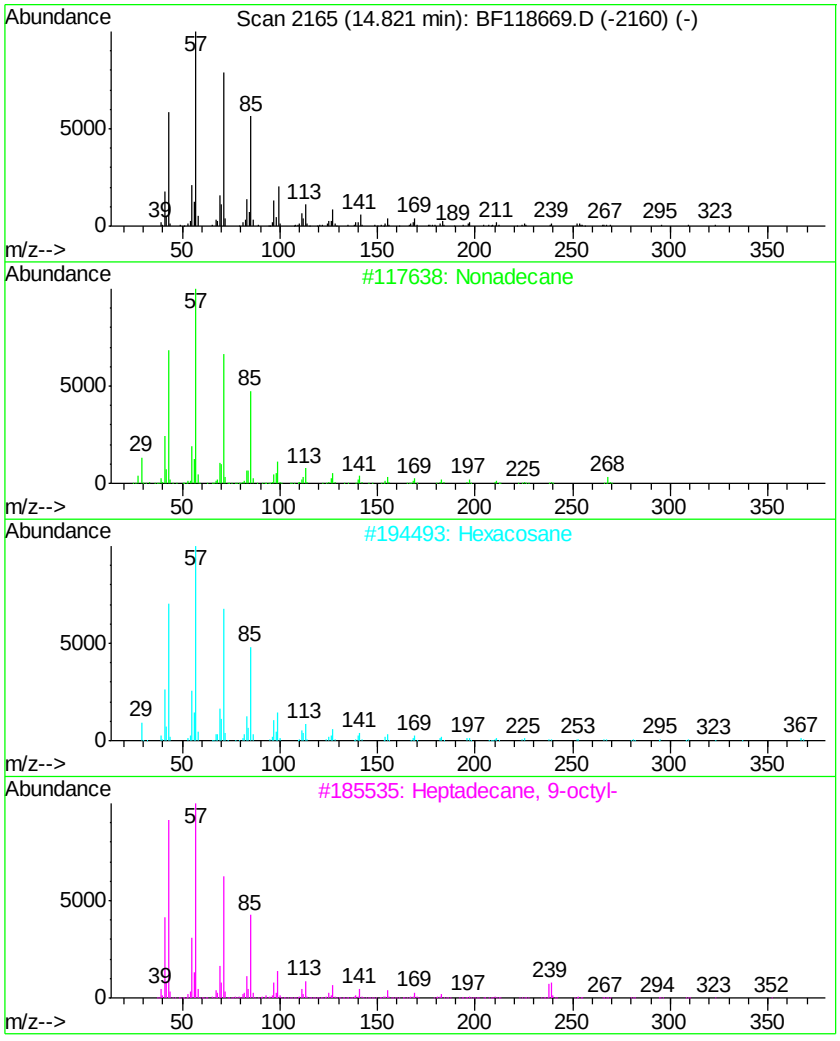
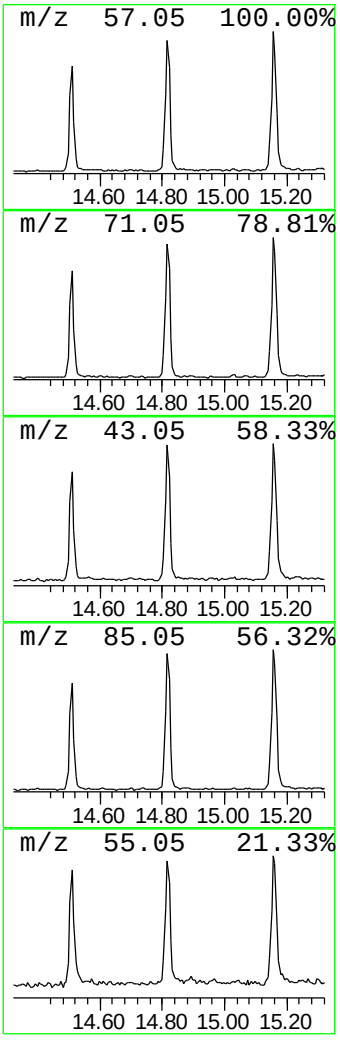
Peak Number 5 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.60 ng	461273	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexacosane	366	C26H54	000630-01-3	94
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Eicosane	282	C20H42	000112-95-8	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

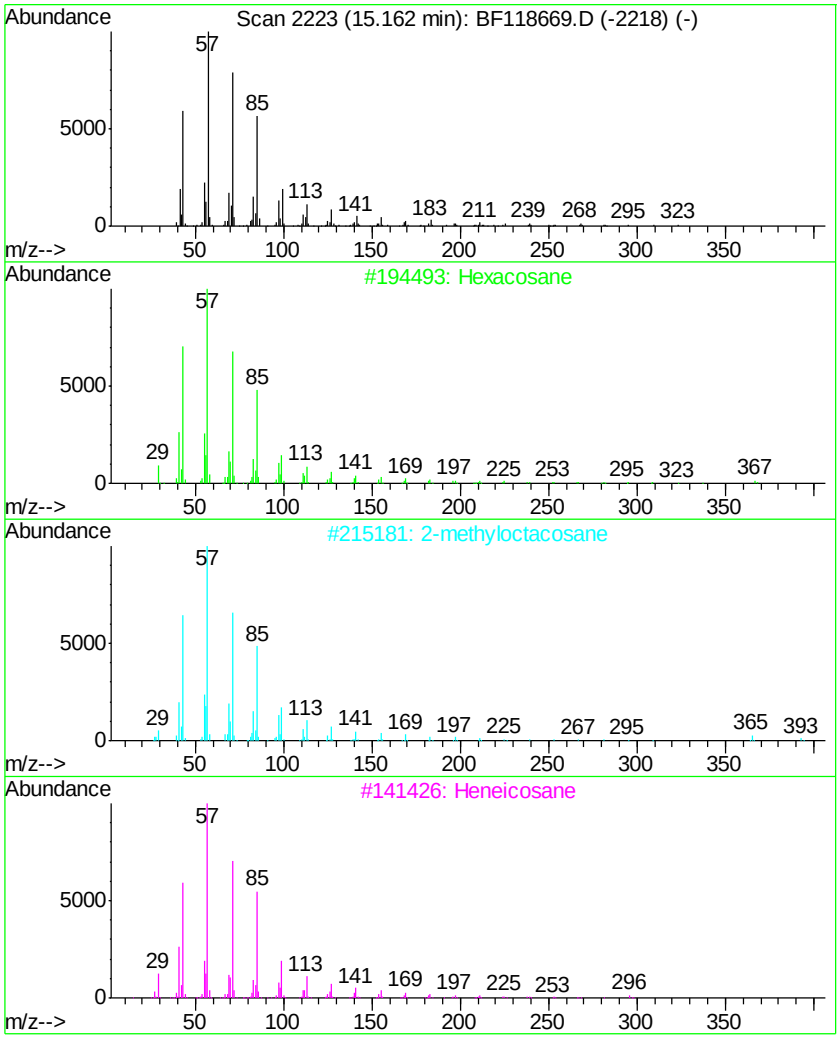
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

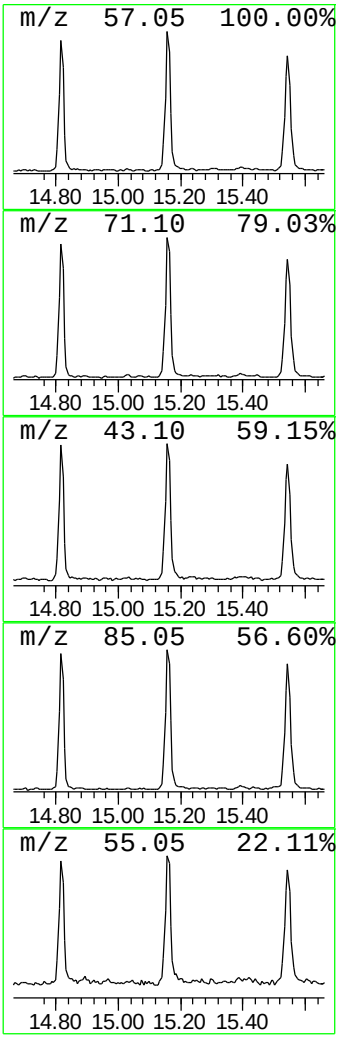
****

Peak Number 6 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.16 ng	532987	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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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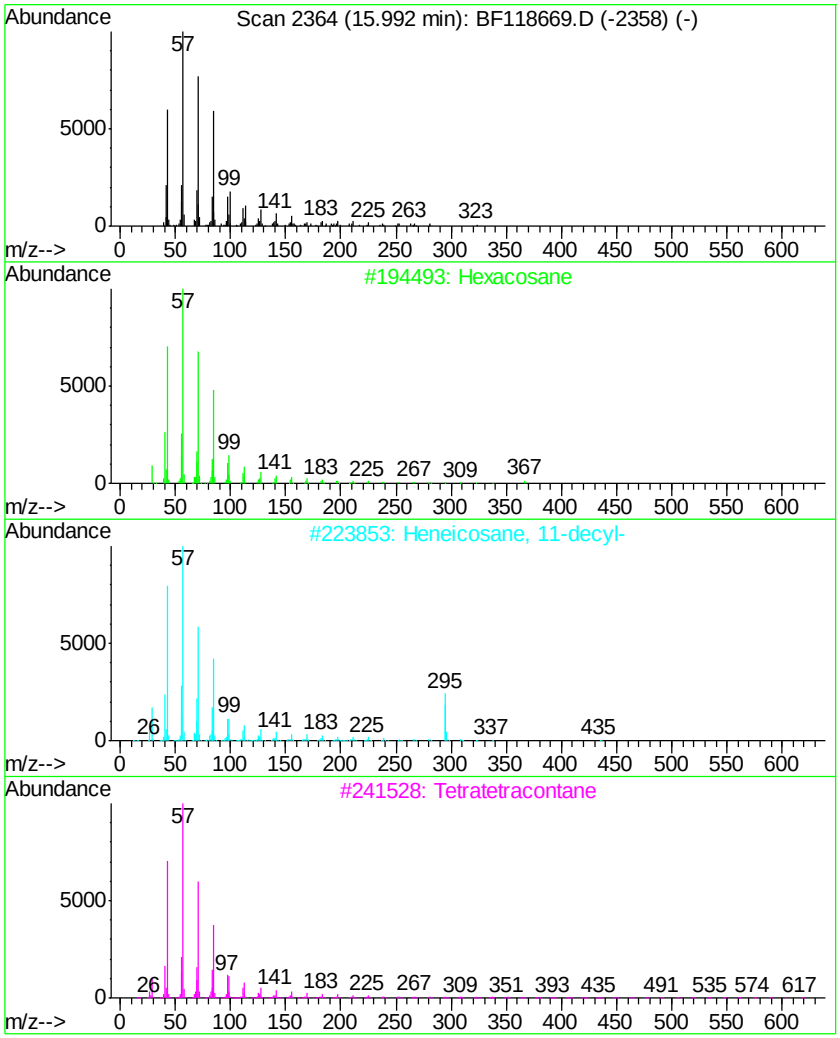
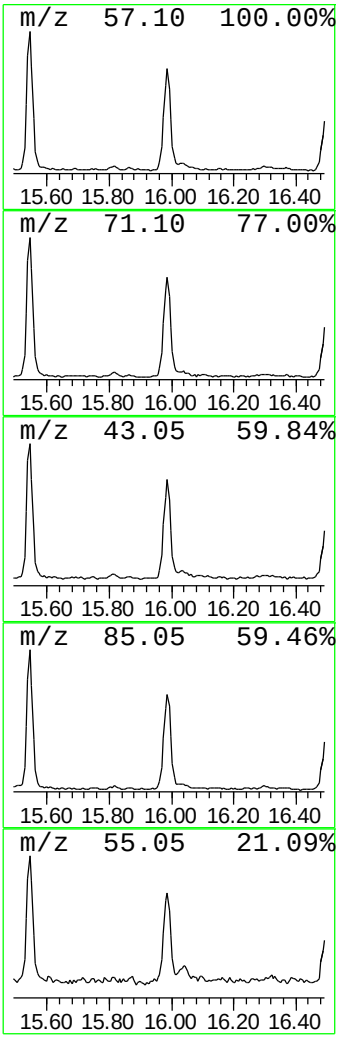
Peak Number 7 Heneicosane, 11-decyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.07 ng	392850	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

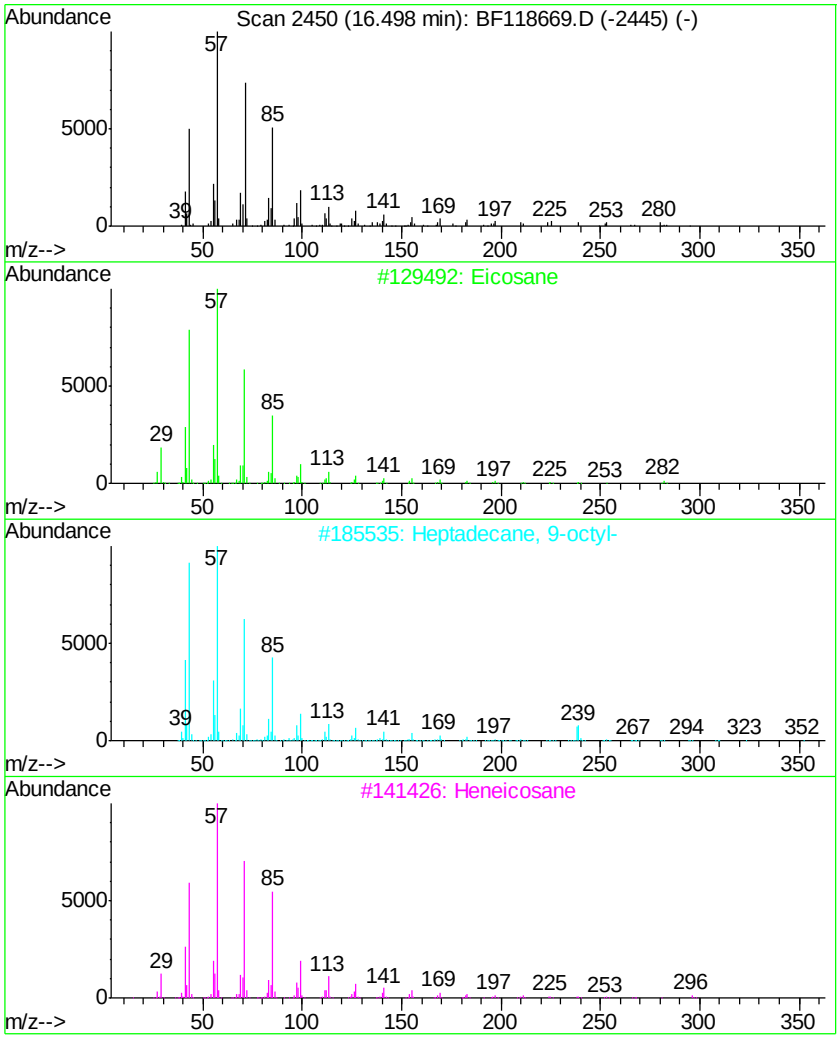
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

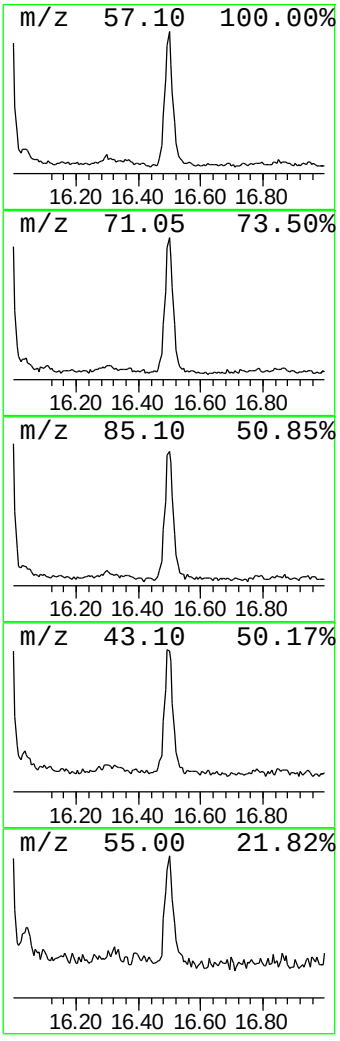
****

Peak Number 8 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.06 ng	263429	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012220\
Data File : BF118669.D
Acq On : 22 Jan 2020 18:10
Operator : CG/JU
Sample : L1214-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K500-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.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...	2.16	14.7	ng	1407100	1	6.87	1918900	20.0
n-Tetracosanol-1	13.87	4.1	ng	619044	5	14.03	3039100	20.0
Octadecane	14.51	2.3	ng	352196	5	14.03	3039100	20.0
Nonadecane	14.82	3.6	ng	461273	6	15.50	2559830	20.0
Hexacosane	15.16	4.2	ng	532987	6	15.50	2559830	20.0
Heneicosane, 11-d...	15.99	3.1	ng	392850	6	15.50	2559830	20.0
Eicosane	16.50	2.1	ng	263429	6	15.50	2559830	20.0