LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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	2.122	3	6	13	rVB	578938	738283	12.84%	1.360%
2	2.228	17	24	32	rVB	72635	99191	1.73%	0.183%
3	5.046	496	503	511	rVB	109182	151763	2.64%	0.279%
4	5.451	567	572	575	rBV	5180200	5116952	89.00%	9.423%
5	6.457	737	743	754	rVB	4970360	5455565	94.89%	10.047%
6	6.828	802	806	809	rBV	1783945	1611236	28.03%	2.967%
7	6.981	828	832	836	rBV	4533106	4279700	74.44%	7.881%
8	7.387	895	901	904	rBV	3560435	3513779	61.12%	6.471%
9	8.110	1019	1024	1027	rBV	2328477	2164762	37.65%	3.987%
10	9.186	1201	1207	1210	rBV	6461076	5749094	100.00%	10.588%
11	9.575	1269	1273	1276	rBV	1057817	811757	14.12%	1.495%
12	9.863	1316	1322	1326	rBV	3029318	2643526	45.98%	4.868%
13	10.651	1451	1456	1459	rBV	4785580	4351162	75.68%	8.013%
14	10.786	1475	1479	1484	rVB4	46033	81565	1.42%	0.150%
15	11.345	1570	1574	1577	rBV	2794034	2478496	43.11%	4.564%
16	11.369	1577	1578	1581	rVV	216435	125965	2.19%	0.232%
17	11.416	1584	1586	1590	rVB2	71332	62937	1.09%	0.116%
18	11.880	1661	1665	1671	rBV	804289	842999	14.66%	1.552%
19	11.957	1675	1678	1681	rVV	100356	93242	1.62%	0.172%
20	12.557	1776	1780	1783	rBV	682920	580655	10.10%	1.069%
21	12.657	1794	1797	1805	rBV3	156238	210334	3.66%	0.387%
22	12.786	1813	1819	1821	rBV	432876	445372	7.75%	0.820%
23	12.933	1839	1844	1847	rVB	5344651	5048351	87.81%	9.297%
24	13.110	1872	1874	1877	rVB	69016	69877	1.22%	0.129%
25	13.827	1993	1996	2007	rBV	791343	960535	16.71%	1.769%
26	13.980	2016	2022	2025	rBV	1867956	1829791	31.83%	3.370%
27	14.004	2025	2026	2032	rVB	121241	97454	1.70%	0.179%
28	14.151	2048	2051	2055	rVB	116448	124474	2.17%	0.229%
29	14.457	2100	2103	2108	rBV2	212258	230627	4.01%	0.425%
30	14.763	2151	2155	2158	rBV	247208	234080	4.07%	0.431%
31	14.839	2164	2168	2171	rBV	104192	111797	1.94%	0.206%
32	14.904	2175	2179	2185	rVB	114643	134305	2.34%	0.247%
33	15.010	2193	2197	2201	rBV	101344	166159	2.89%	0.306%
34	15.098	2207	2212	2214	rBV	285775	362017	6.30%	0.667%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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	15.121	2214	2216	2223	rVB	190641	246546	4.29%	0.454%
36	15.310	2245	2248	2253	rVB	68106	86362	1.50%	0.159%
37	15.368	2255	2258	2263	rVB	79490	103682	1.80%	0.191%
38	15.433	2264	2269	2273	rBV	1396081	1754996	30.53%	3.232%
39	15.468	2273	2275	2282	rVB2	234469	294893	5.13%	0.543%
40	15.904	2344	2349	2354	rVB	205070	312833	5.44%	0.576%
41	15.957	2354	2358	2367	rBV4	90522	184956	3.22%	0.341%
42	16.398	2429	2433	2439	rBV	89796	147366	2.56%	0.271%
43	16.986	2529	2533	2539	rVB2	68888	121676	2.12%	0.224%
44	17.304	2583	2587	2592	rVB	41562	69606	1.21%	0.128%

Sum of corrected areas: 54300718

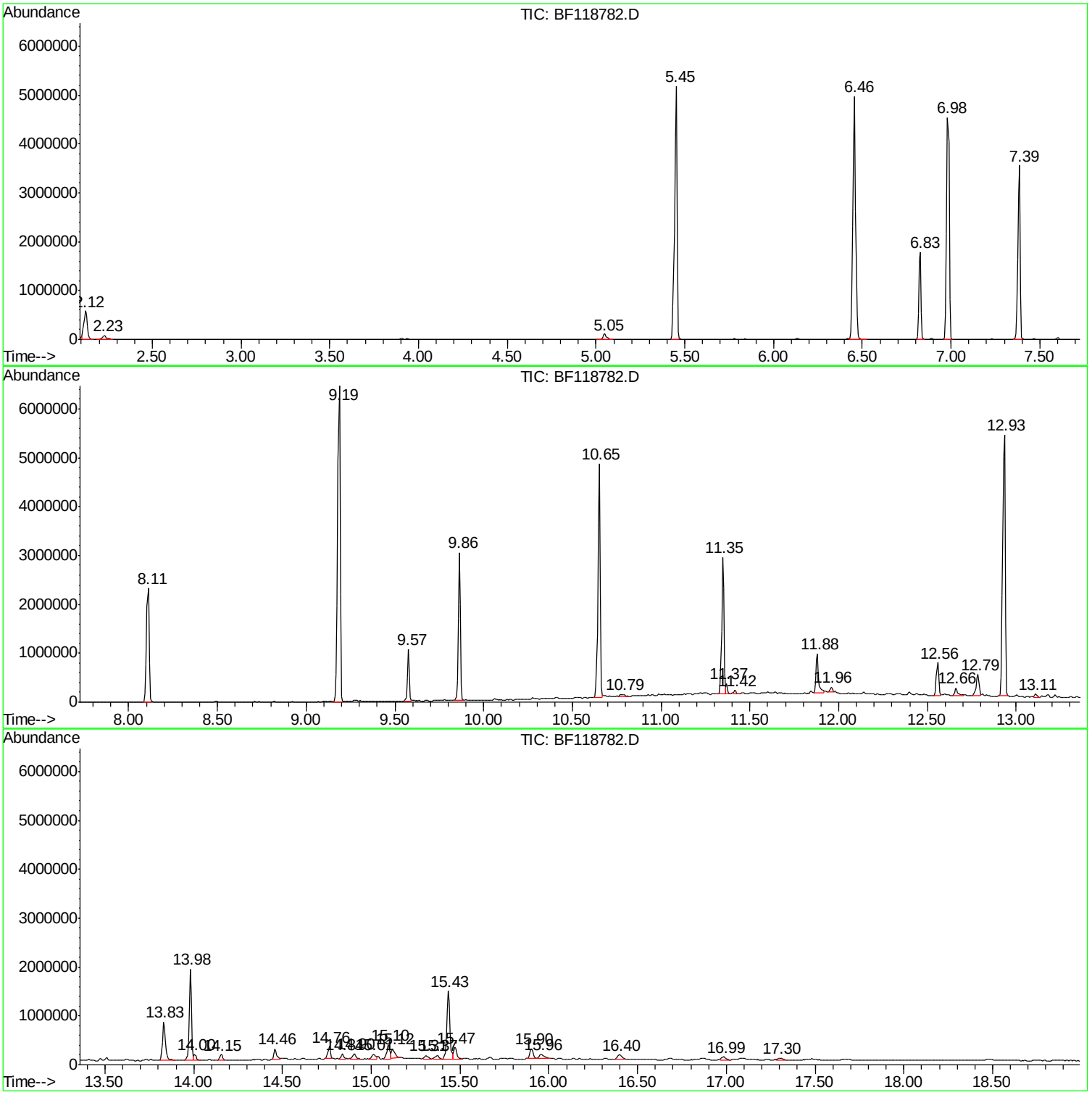
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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

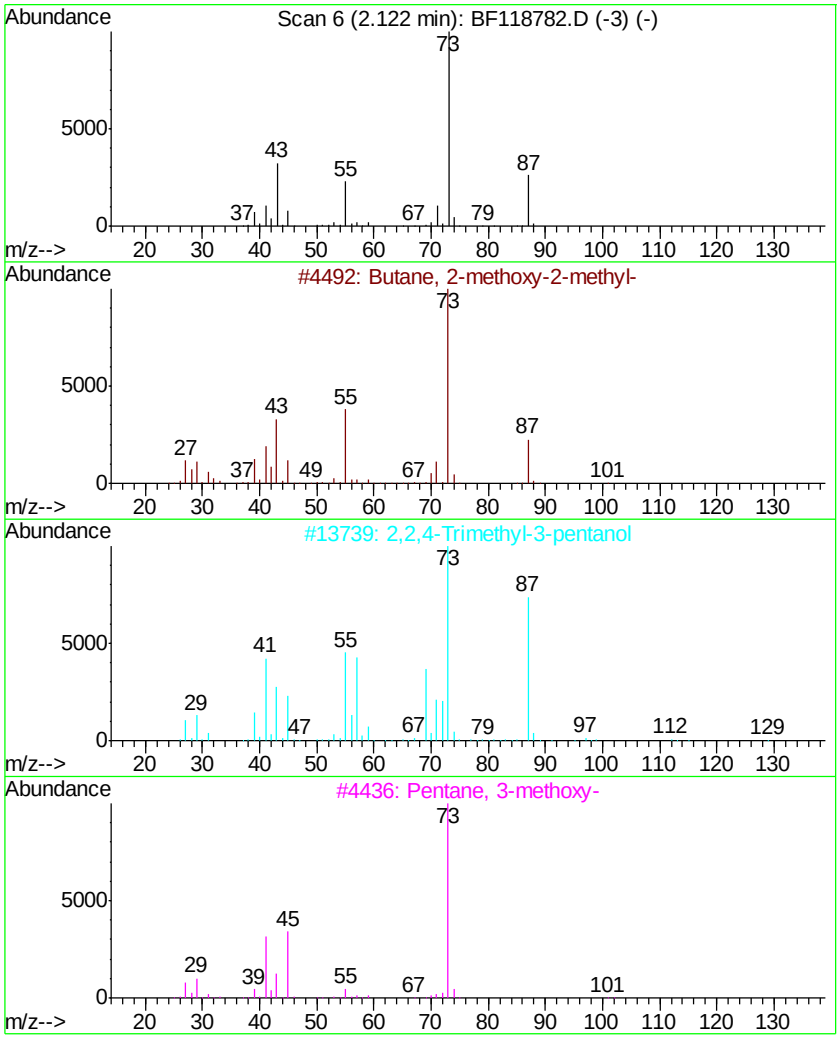
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

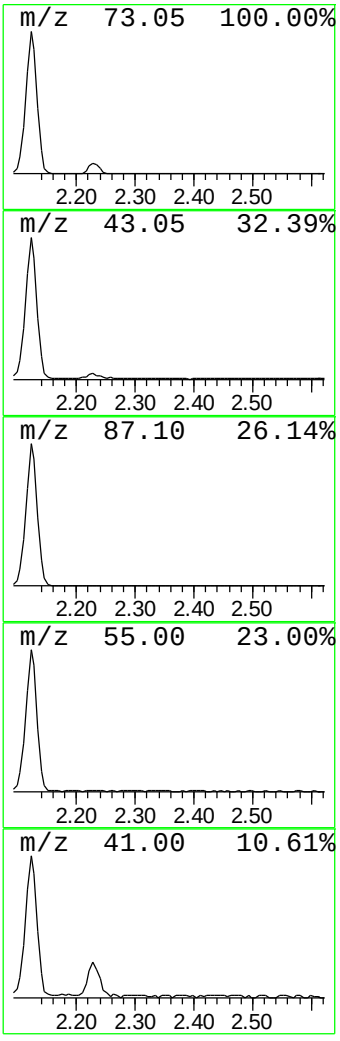
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	9.16 ng	738283	1,4-Dichlorobenzene-d4	6.83

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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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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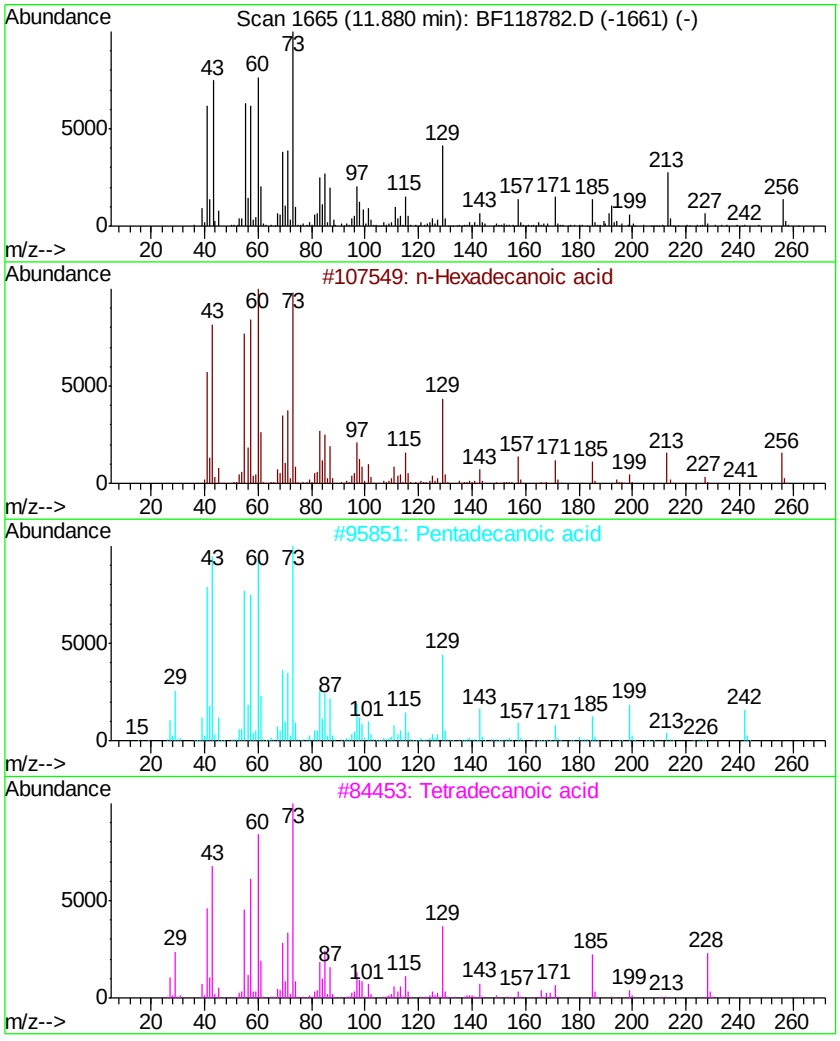
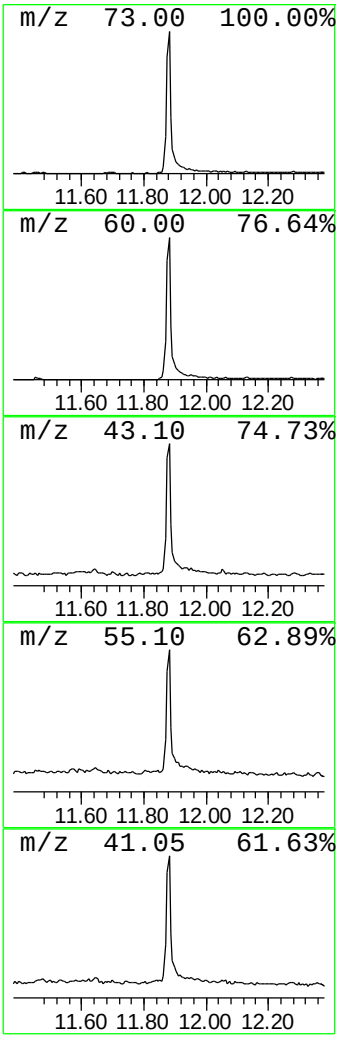
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	6.80 ng	842999	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Undecanoic acid	186	C11H22O2	000112-37-8	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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

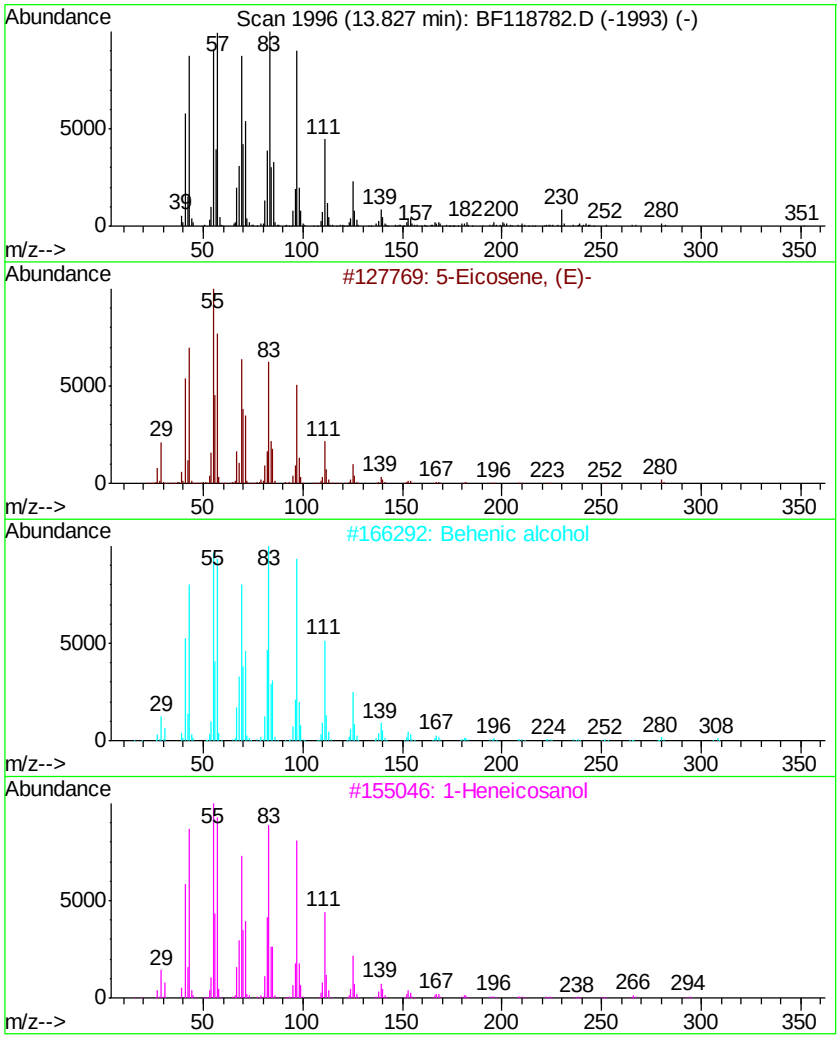
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

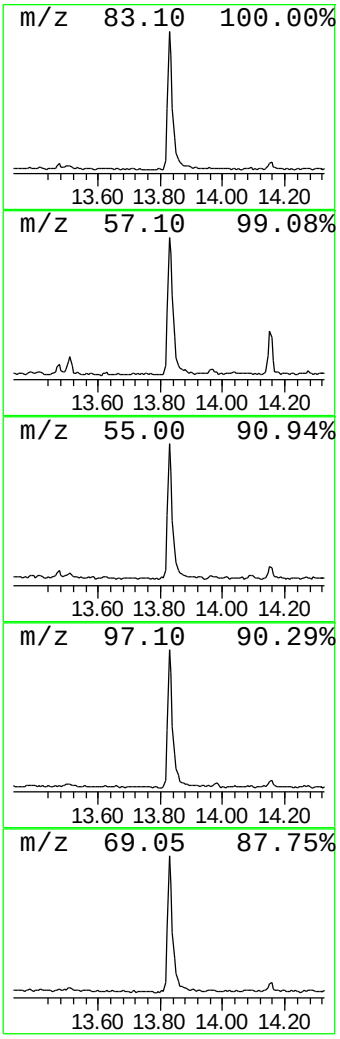
****

Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	10.50 ng	960535	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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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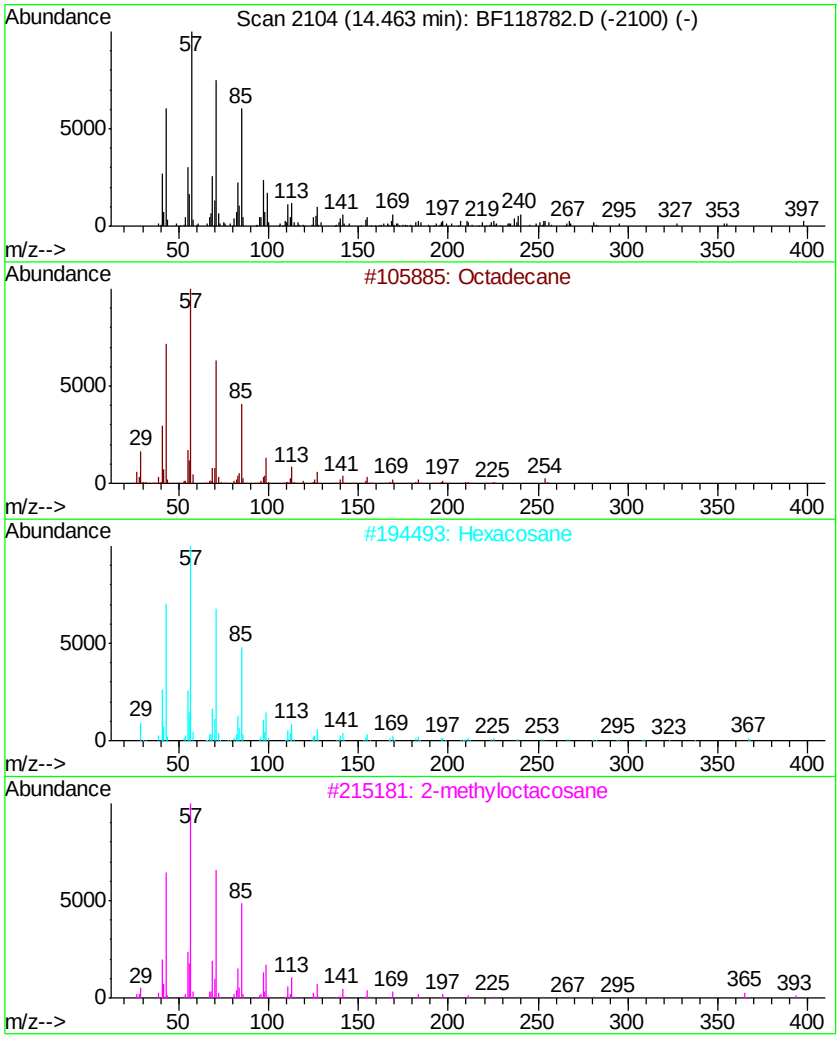
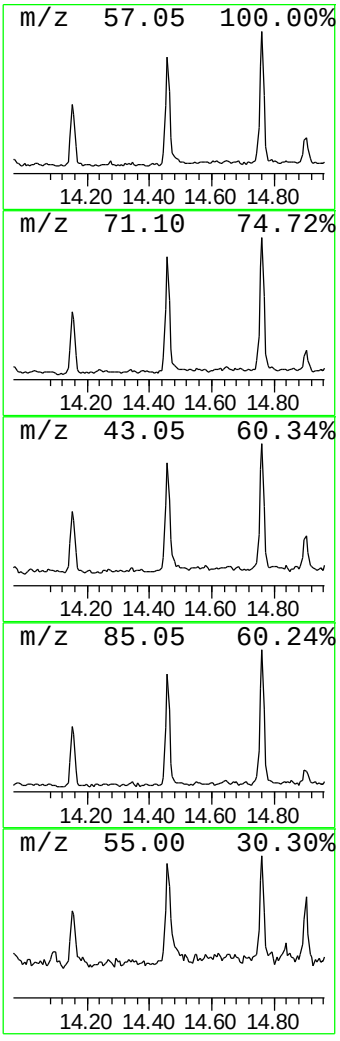
Peak Number 5 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.52 ng	230627	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Triacontane	422	C30H62	000638-68-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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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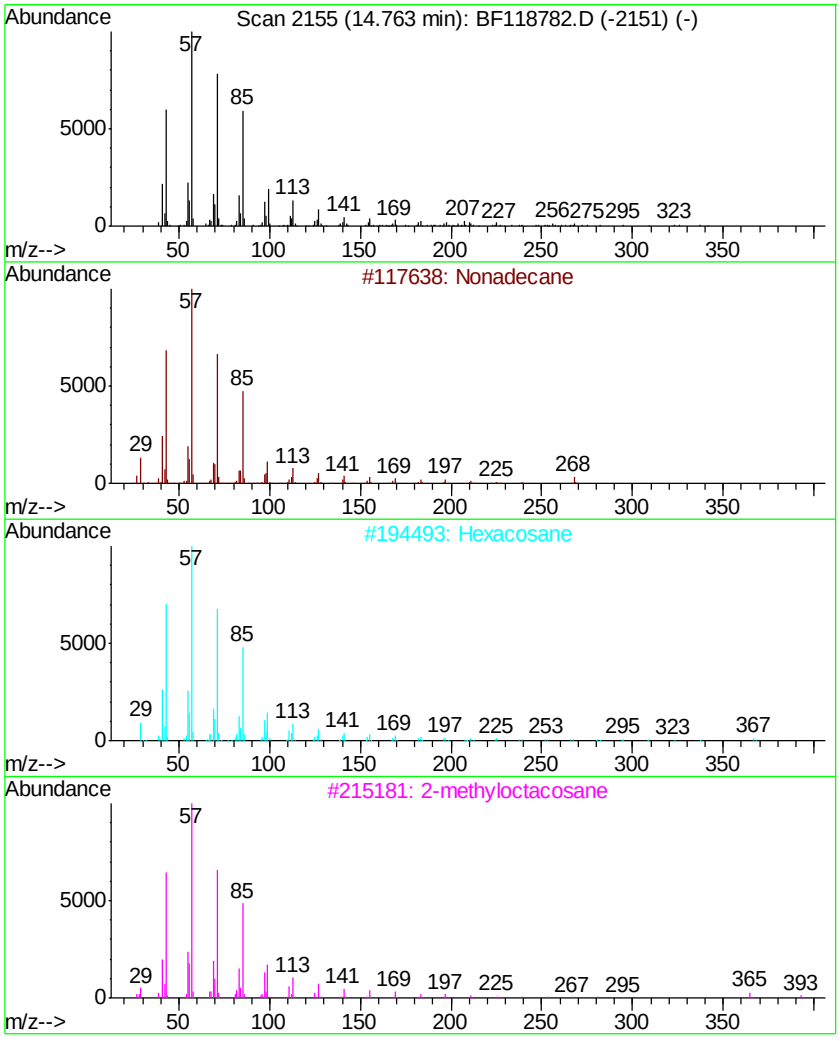
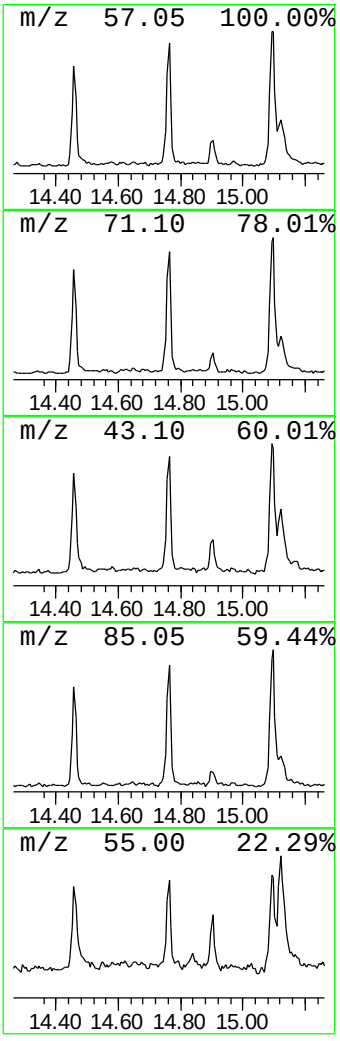
Peak Number 6 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.67 ng	234080	Perylene-d12	15.43

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	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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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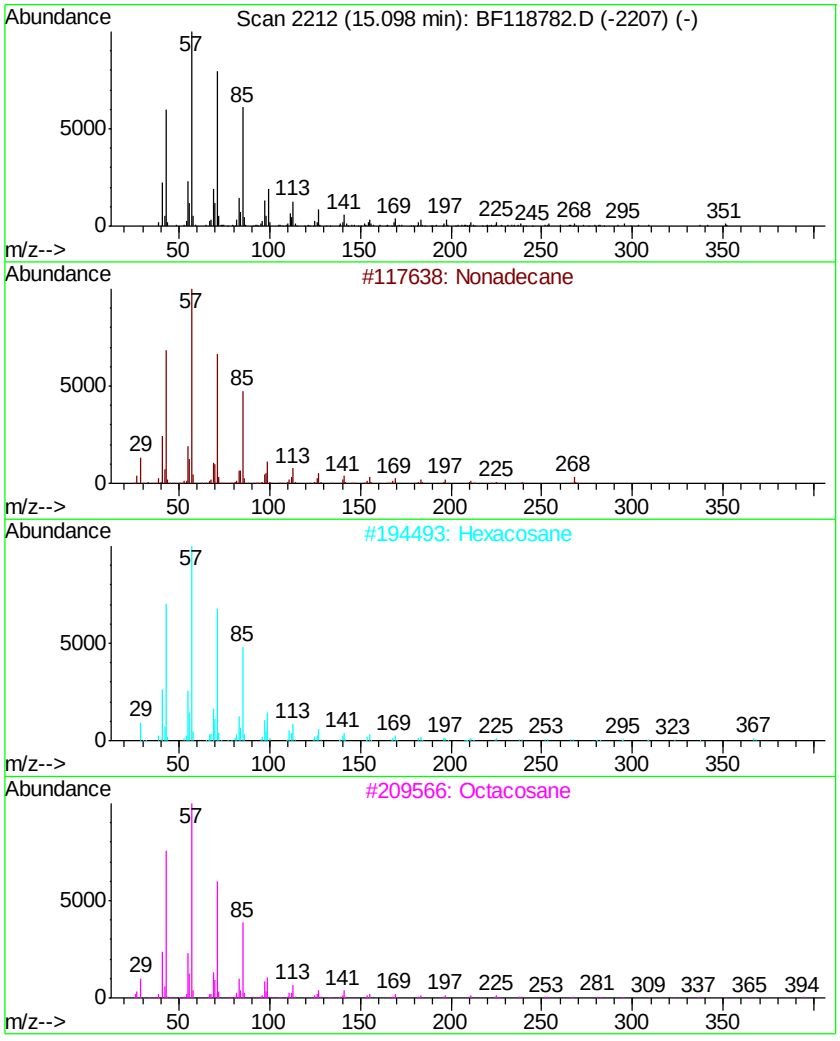
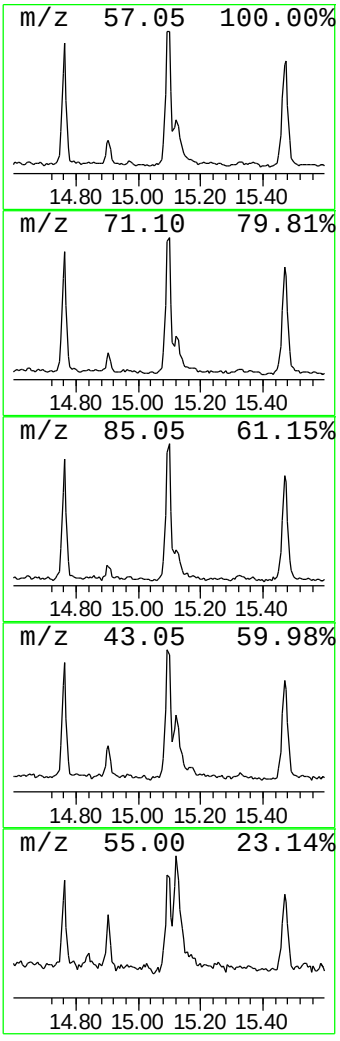
Peak Number 7 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	4.13 ng	362017	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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

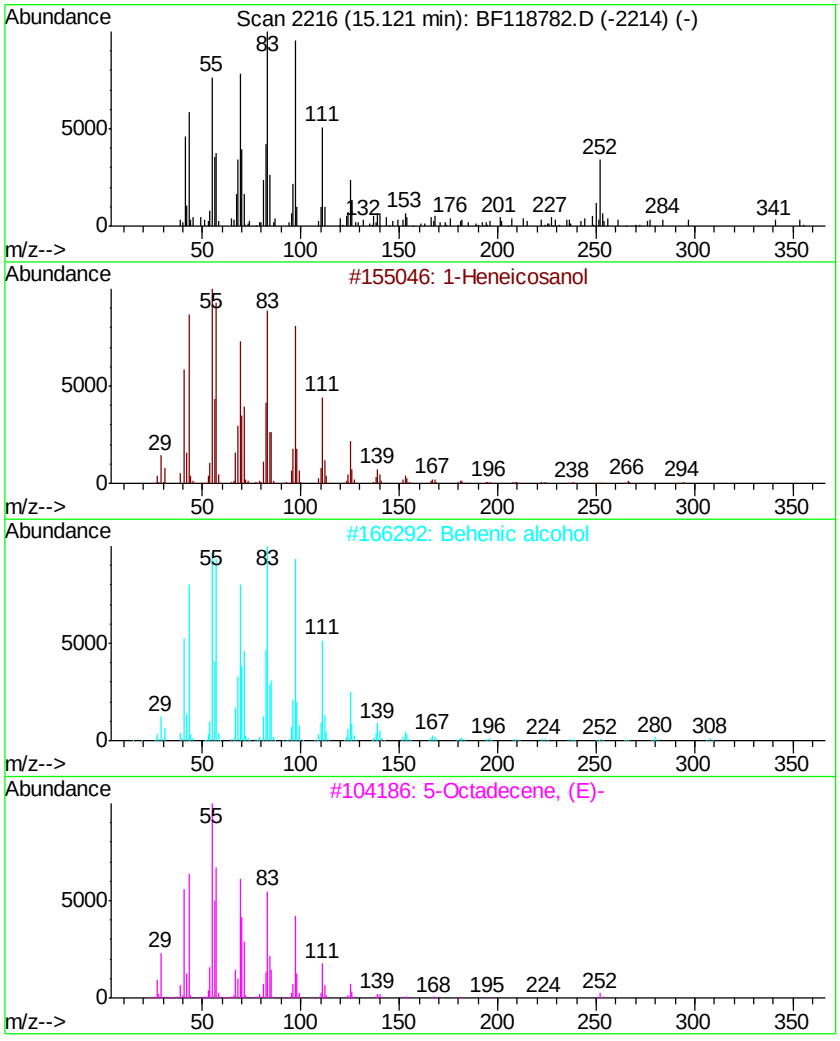
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

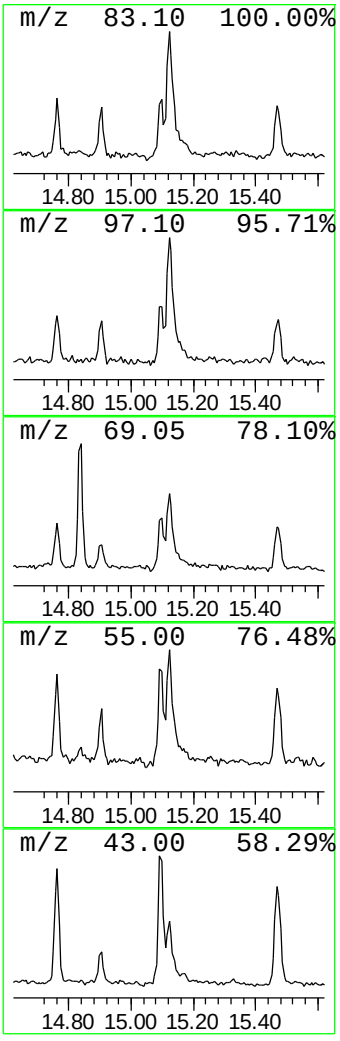
****

Peak Number 8 1-Heneicosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	2.81 ng	246546	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	86
2	Behenic alcohol	326	C22H46O	000661-19-8	86
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	80
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	72
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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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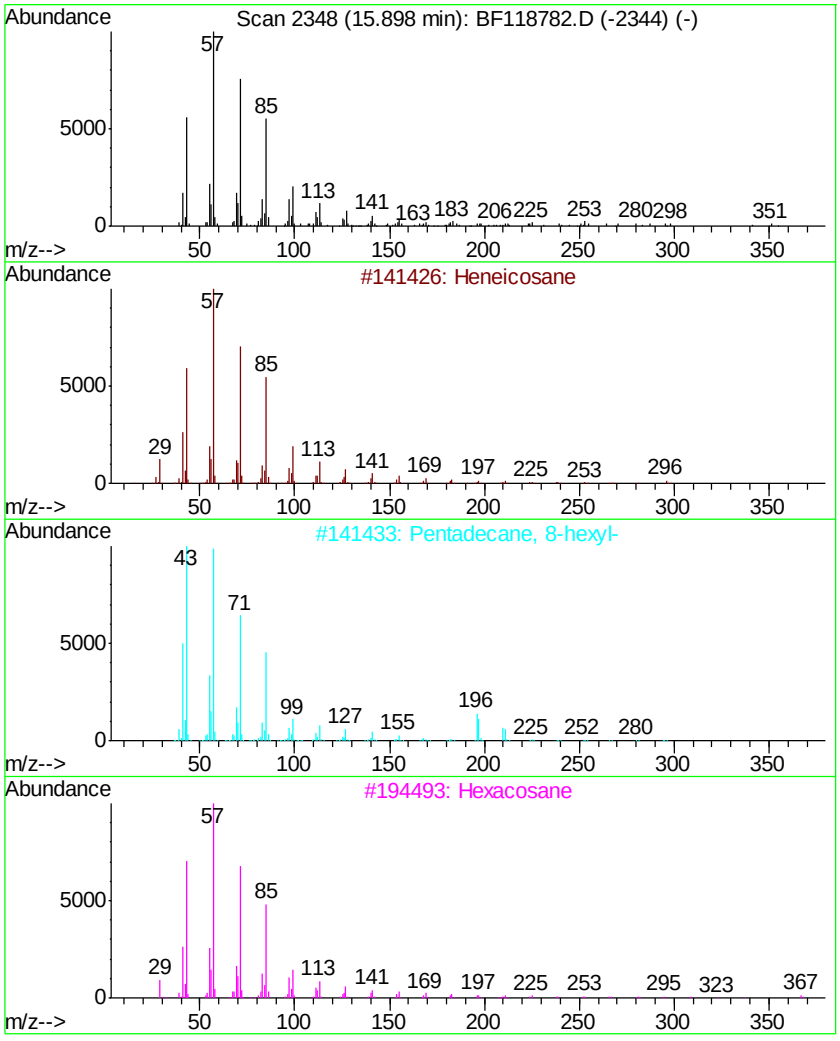
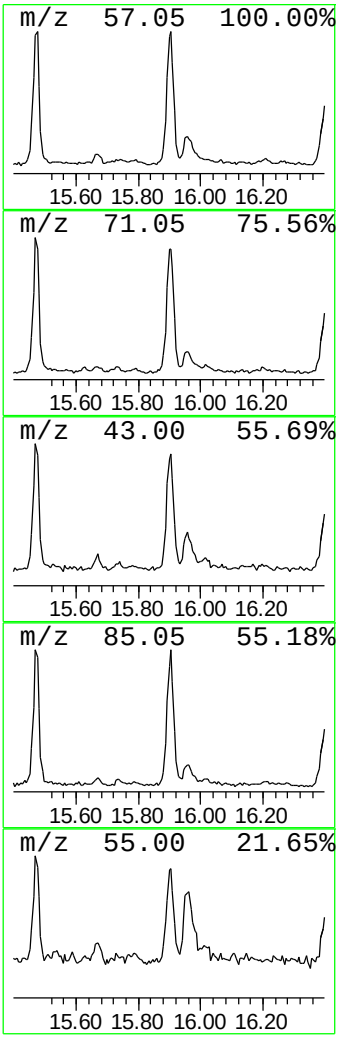
Peak Number 9 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	3.57 ng	312833	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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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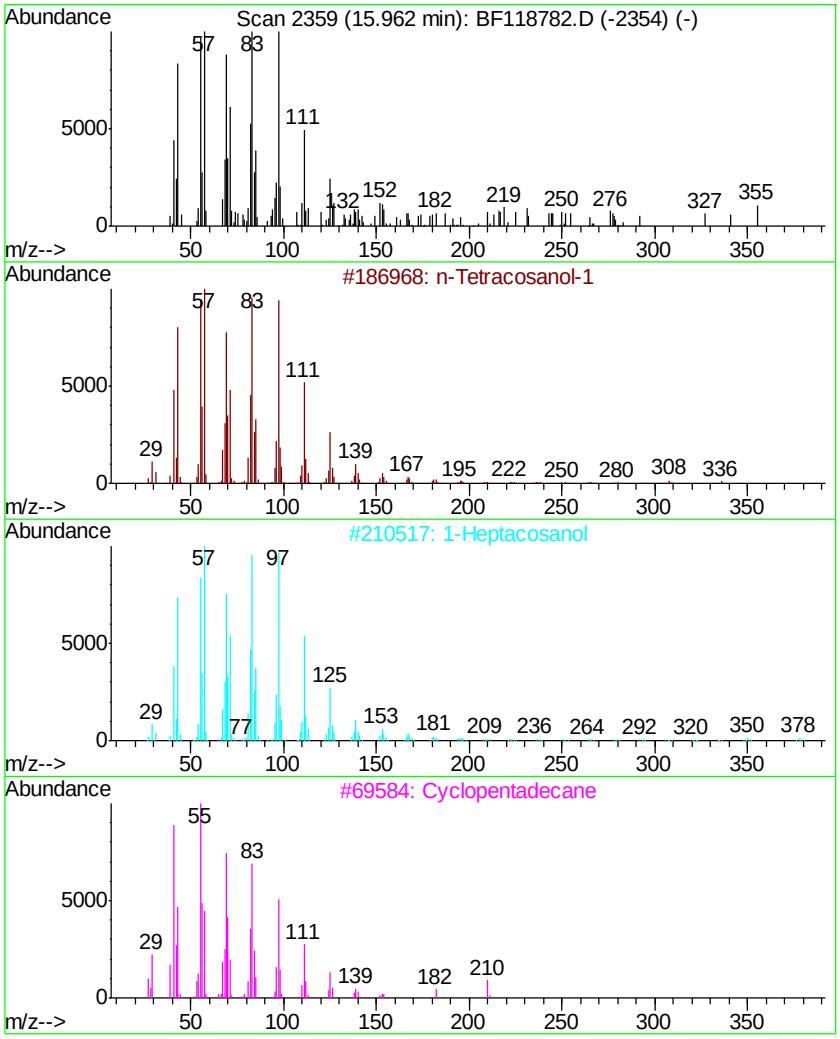
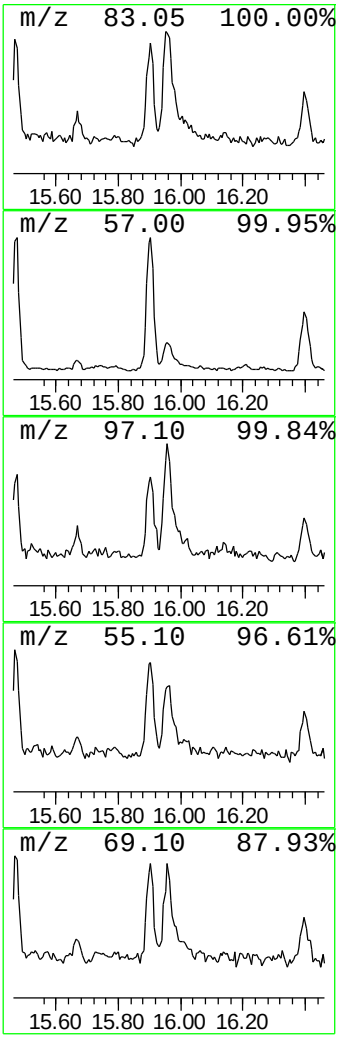
Peak Number 10 n-Tetracosanol-1 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	2.11 ng	184956	Perylene-d12	15.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013120\
Data File : BF118782.D
Acq On : 31 Jan 2020 15:22
Operator : CG/JU
Sample : L1325-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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...	2.12	9.2	ng	738283	1	6.83	1611240	20.0
n-Hexadecanoic acid	11.88	6.8	ng	842999	4	11.35	2478500	20.0
5-Eicosene, (E)-	13.83	10.5	ng	960535	5	13.98	1829790	20.0
Octadecane	14.46	2.5	ng	230627	5	13.98	1829790	20.0
Nonadecane	14.76	2.7	ng	234080	6	15.43	1755000	20.0
Hexacosane	15.10	4.1	ng	362017	6	15.43	1755000	20.0
1-Heneicosanol	15.12	2.8	ng	246546	6	15.43	1755000	20.0
Heneicosane	15.90	3.6	ng	312833	6	15.43	1755000	20.0
n-Tetracosanol-1	15.96	2.1	ng	184956	6	15.43	1755000	20.0