LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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	5.451	568	572	576	rBV	2948392	2696830	26.23%	4.056%
2	6.457	739	743	749	rBV2	1850522	1883511	18.32%	2.833%
3	6.839	804	808	811	rBV	1780881	1431254	13.92%	2.153%
4	6.998	831	835	838	rVB	6019309	5288357	51.44%	7.954%
5	7.398	897	903	906	rBV	4154145	4112780	40.01%	6.186%
6	8.122	1022	1026	1030	rBV	2297374	1888613	18.37%	2.840%
7	9.198	1204	1209	1213	rBV	8573054	8457694	82.27%	12.720%
8	9.586	1272	1275	1278	rBV	723790	577745	5.62%	0.869%
9	9.875	1320	1324	1328	rVB	2748676	2393985	23.29%	3.601%
10	10.663	1453	1458	1462	rBV	5908203	6121490	59.55%	9.207%
11	10.780	1475	1478	1488	rVB3	294507	322904	3.14%	0.486%
12	11.363	1573	1577	1580	rBV	2849075	2556215	24.87%	3.845%
13	11.569	1610	1612	1618	rVB	126467	121463	1.18%	0.183%
14	11.898	1662	1668	1686	rBV	1674612	2083380	20.27%	3.133%
15	12.680	1797	1801	1813	rBV	1141303	1227700	11.94%	1.846%
16	12.951	1842	1847	1850	rBV	9770331	10279908	100.00%	15.461%
17	13.139	1876	1879	1885	rBV	135435	165039	1.61%	0.248%
18	13.527	1942	1945	1952	rVB2	116936	140538	1.37%	0.211%
19	13.845	1995	1999	2011	rBV	1458396	1578358	15.35%	2.374%
20	13.998	2021	2025	2029	rBV	2824821	2501672	24.34%	3.763%
21	14.168	2051	2054	2058	rBV	446769	392363	3.82%	0.590%
22	14.474	2102	2106	2117	rBV	790635	775979	7.55%	1.167%
23	14.780	2154	2158	2167	rBV	1035423	1067415	10.38%	1.605%
24	15.115	2211	2215	2224	rBV	992282	1220354	11.87%	1.835%
25	15.457	2268	2273	2277	rBV	1842967	2365350	23.01%	3.558%
26	15.498	2277	2280	2290	rVB	993225	1270851	12.36%	1.911%
27	15.933	2347	2354	2358	rBV	724596	1163871	11.32%	1.750%
28	15.980	2358	2362	2371	rVB2	141210	287817	2.80%	0.433%
29	16.433	2432	2439	2454	rBV2	482180	972093	9.46%	1.462%
30	17.021	2533	2539	2548	rVB	221633	468087	4.55%	0.704%
31	17.721	2645	2658	2668	rBV2	149047	454664	4.42%	0.684%
32	18.550	2791	2799	2809	rVB3	72429	220747	2.15%	0.332%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

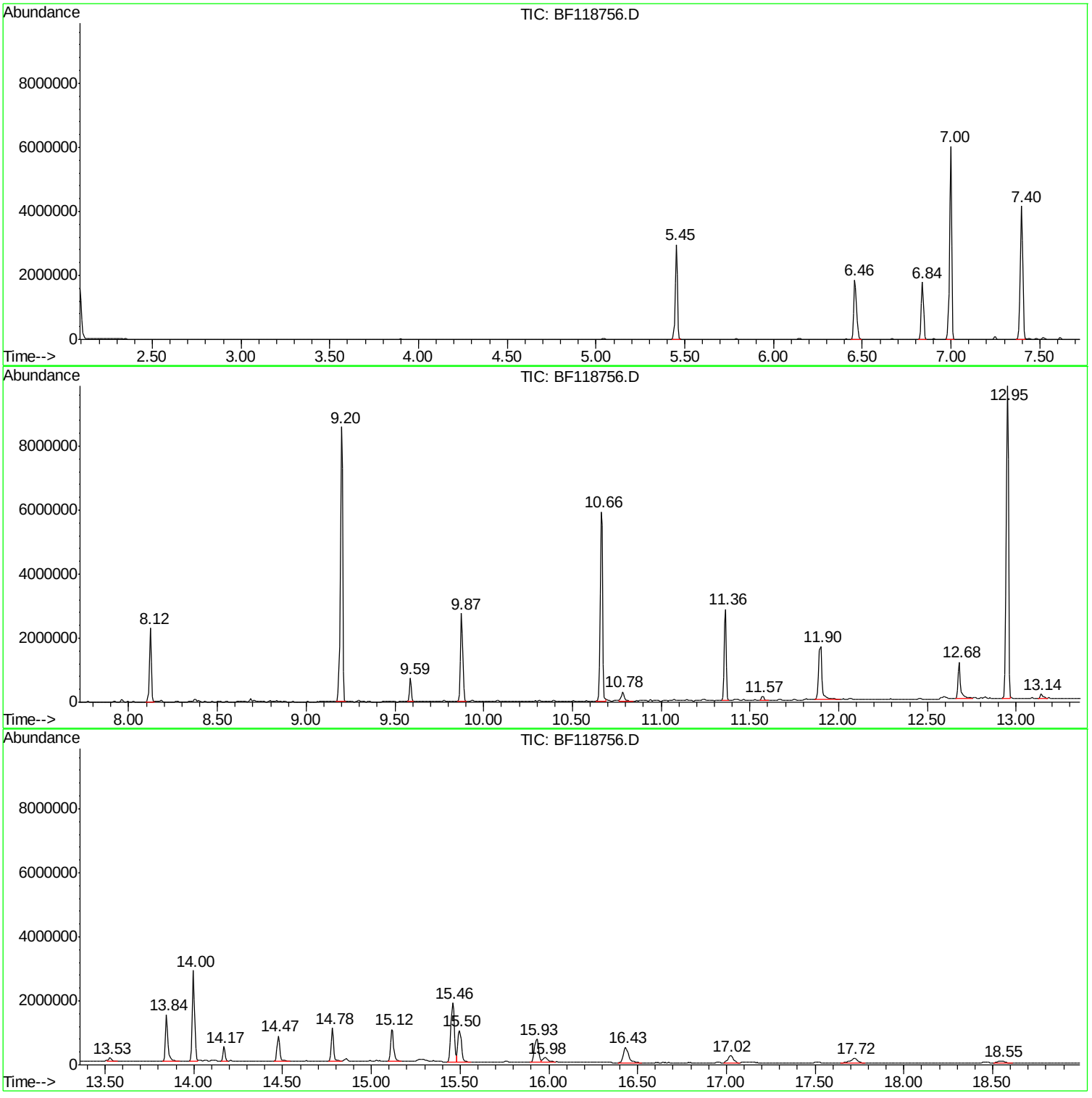
Sum of corrected areas: 66489027

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-725-(SETTLED)

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\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

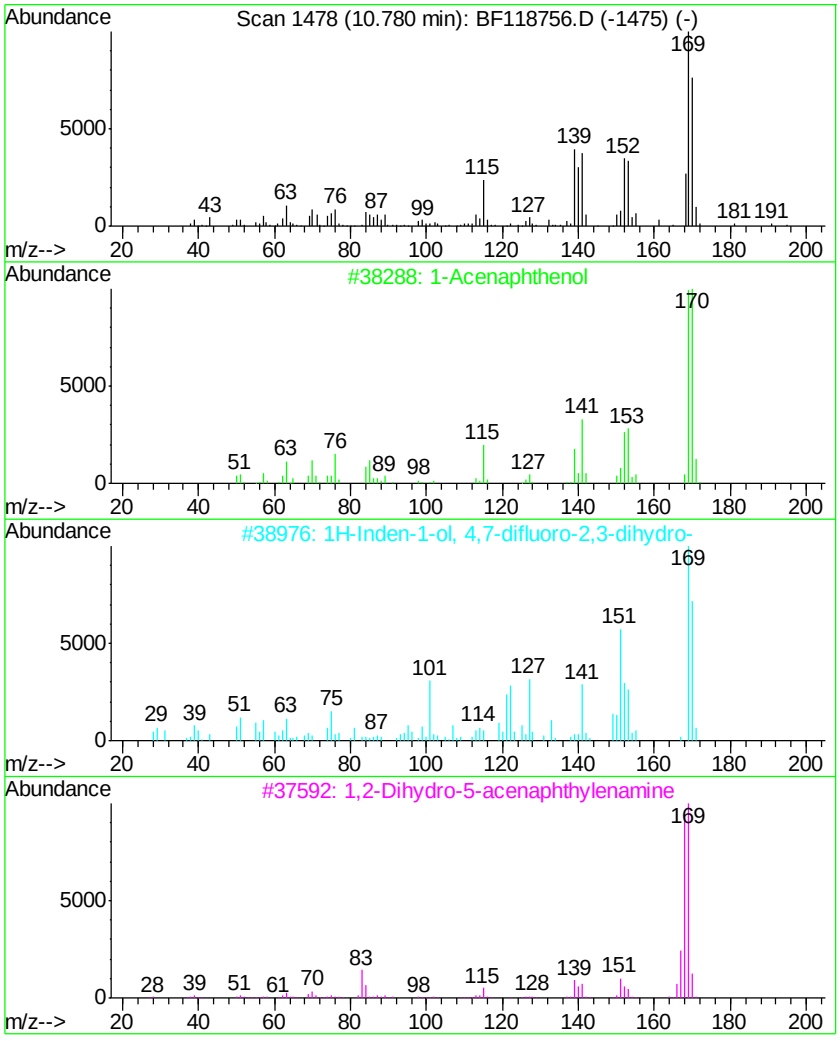
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

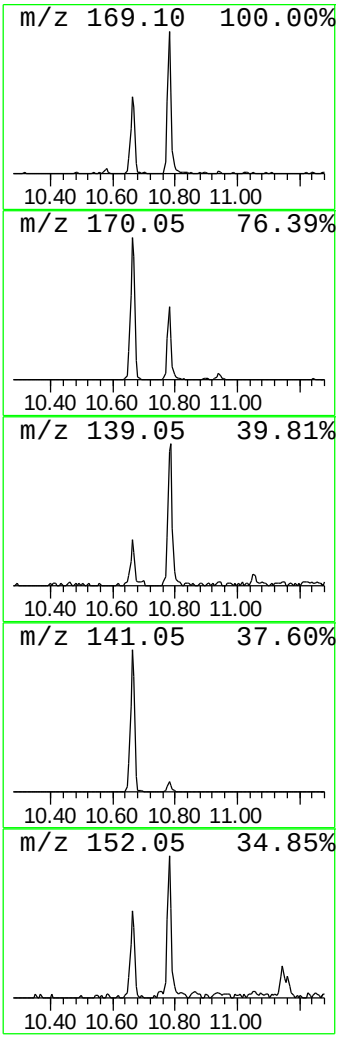
****

Peak Number 2 1-Acenaphthenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	2.53 ng	322904	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Acenaphthenol	170	C12H10O	006306-07-6	94
2	1H-Inden-1-ol, 4,7-difluoro-2,3-...	170	C9H8F2O	130408-17-2	62
3	1,2-Dihydro-5-acenaphthylenamine	169	C12H11N	004657-93-6	53
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	46
5	N-(2-Naphthyl)-N'-(4-quinolinyl)...	313	C20H15N3O	1000258-84-6	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

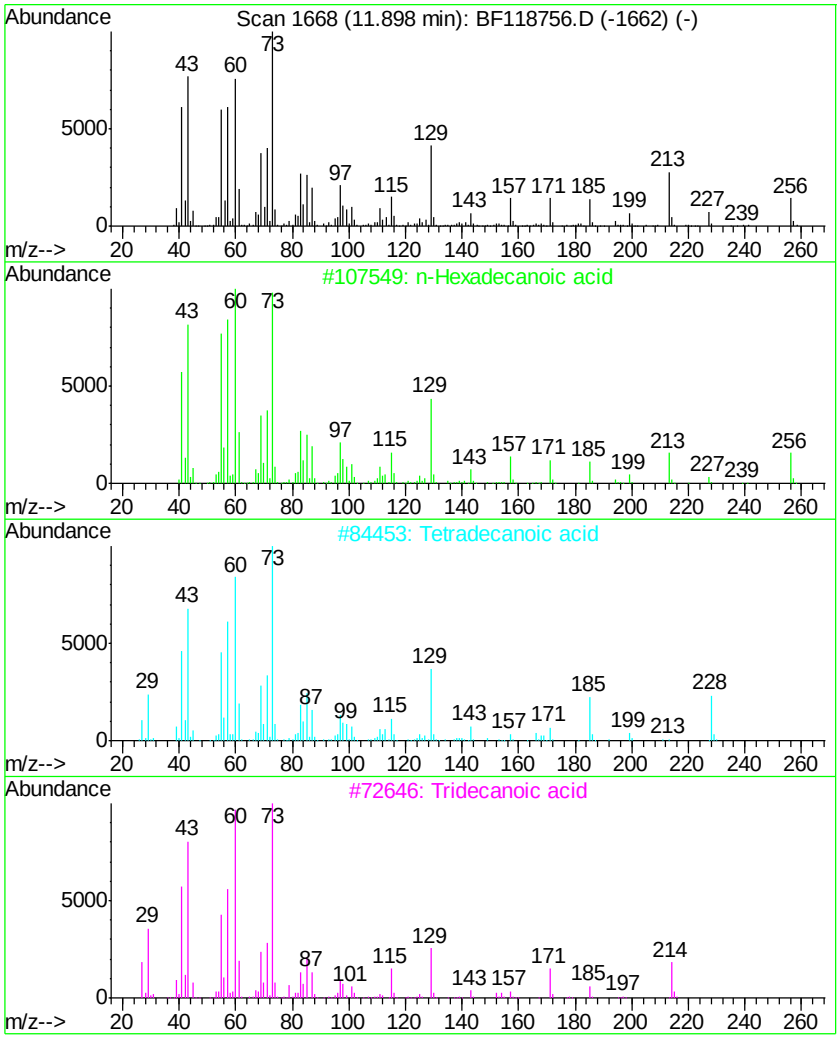
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

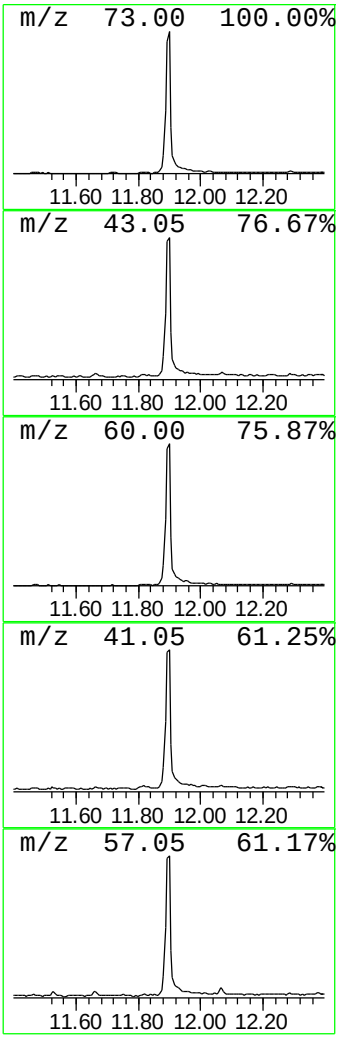
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	16.30 ng	2083380	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Undecanoic acid	186	C11H22O2	000112-37-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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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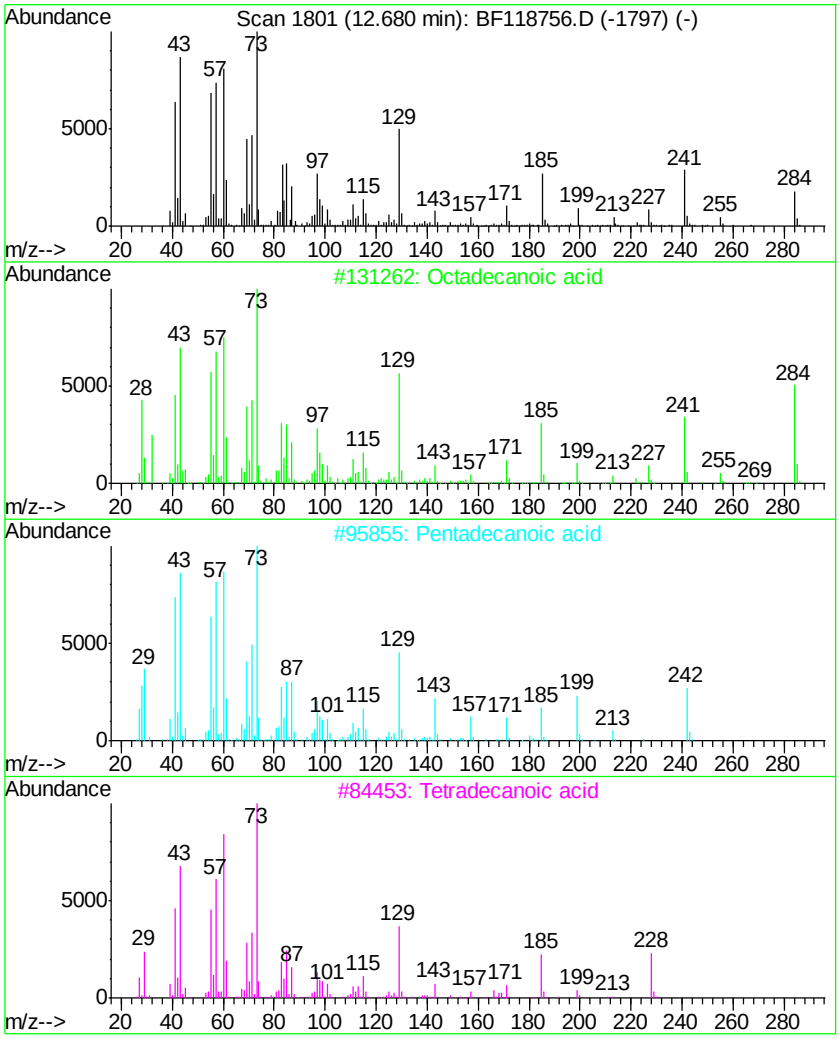
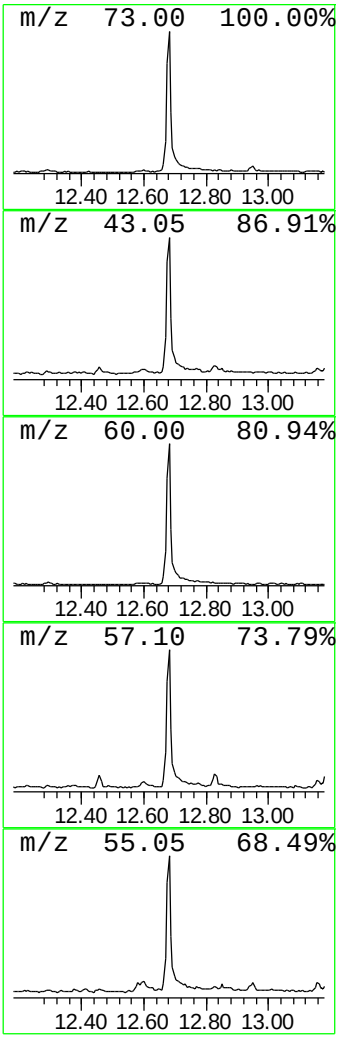
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.68	9.82 ng	1227700	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

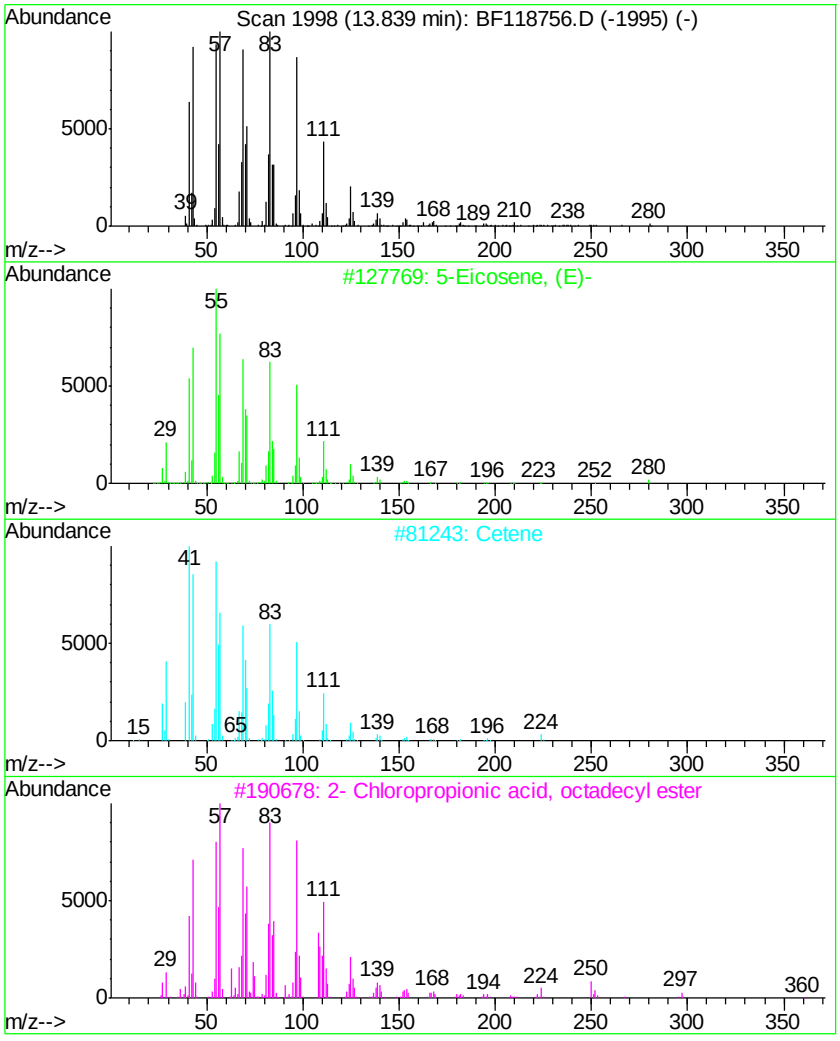
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

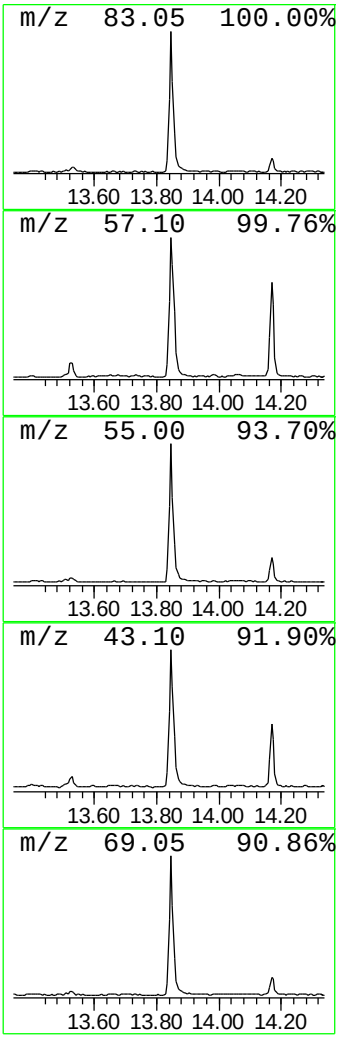
****

Peak Number 5 5-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	12.62 ng	1578360	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Cetene	224	C16H32	000629-73-2	95
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

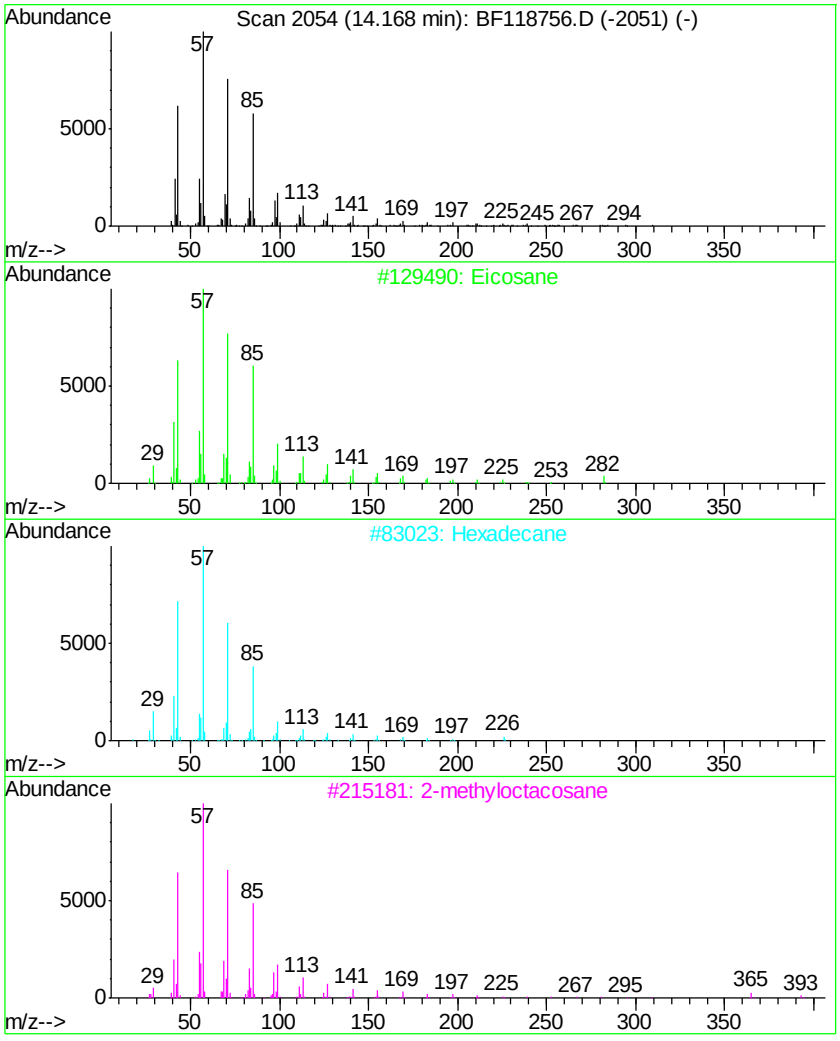
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

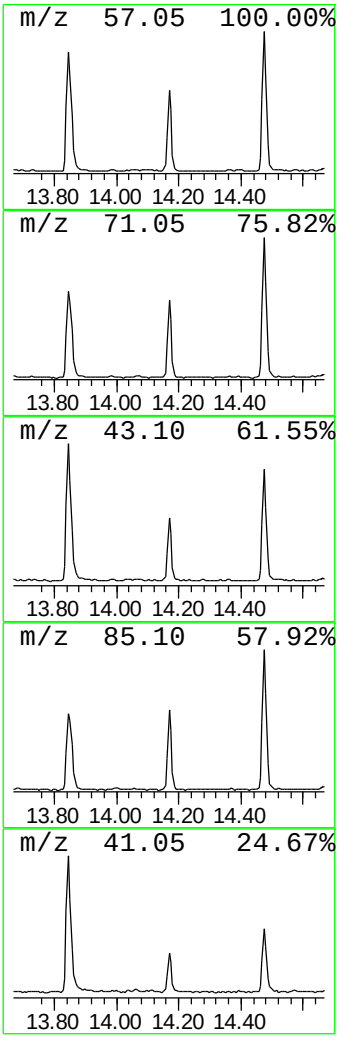
****

Peak Number 6 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.14 ng	392363	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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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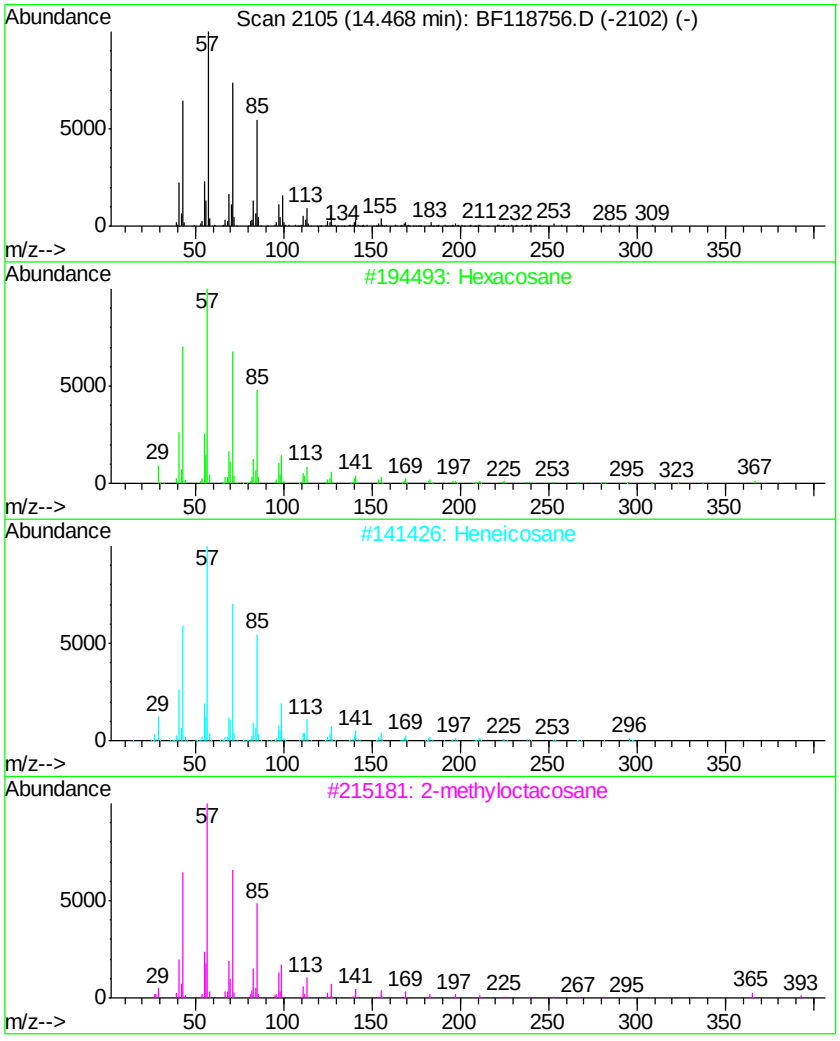
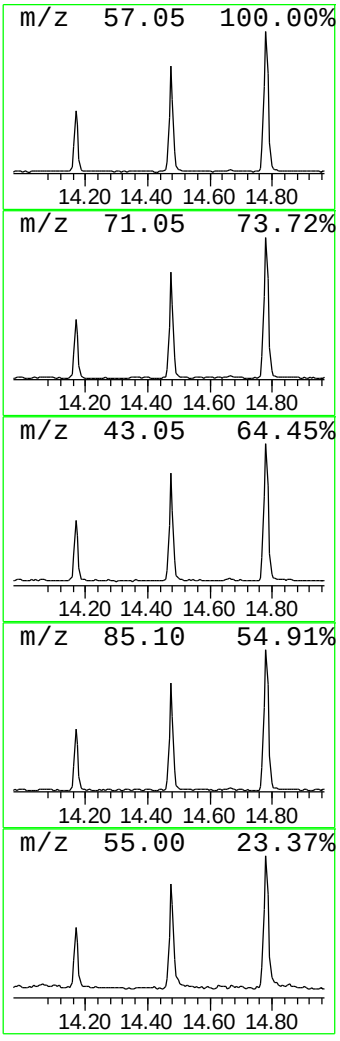
Peak Number 7 Hexacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	6.20 ng	775979	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

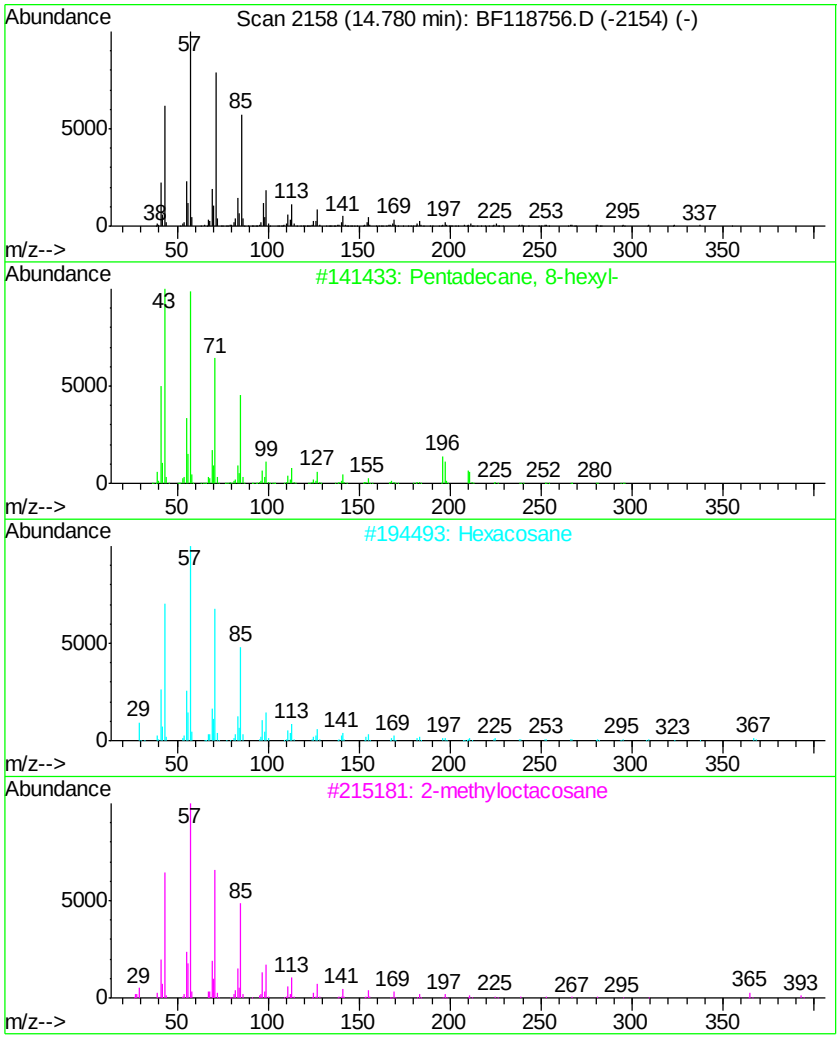
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

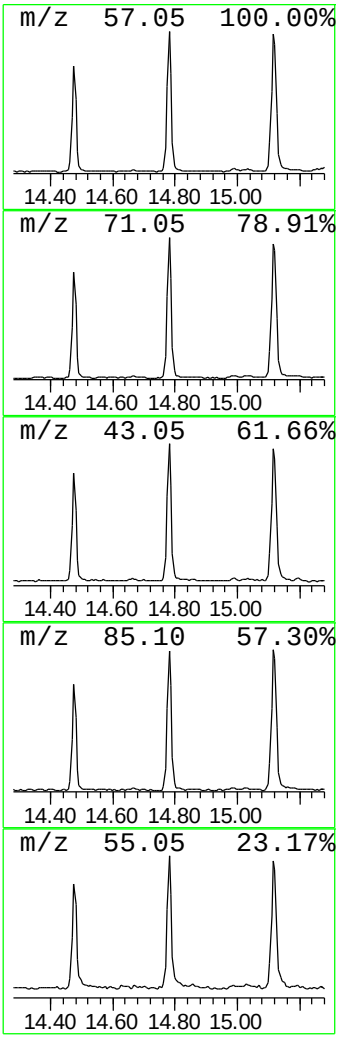
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	9.03 ng	1067420	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

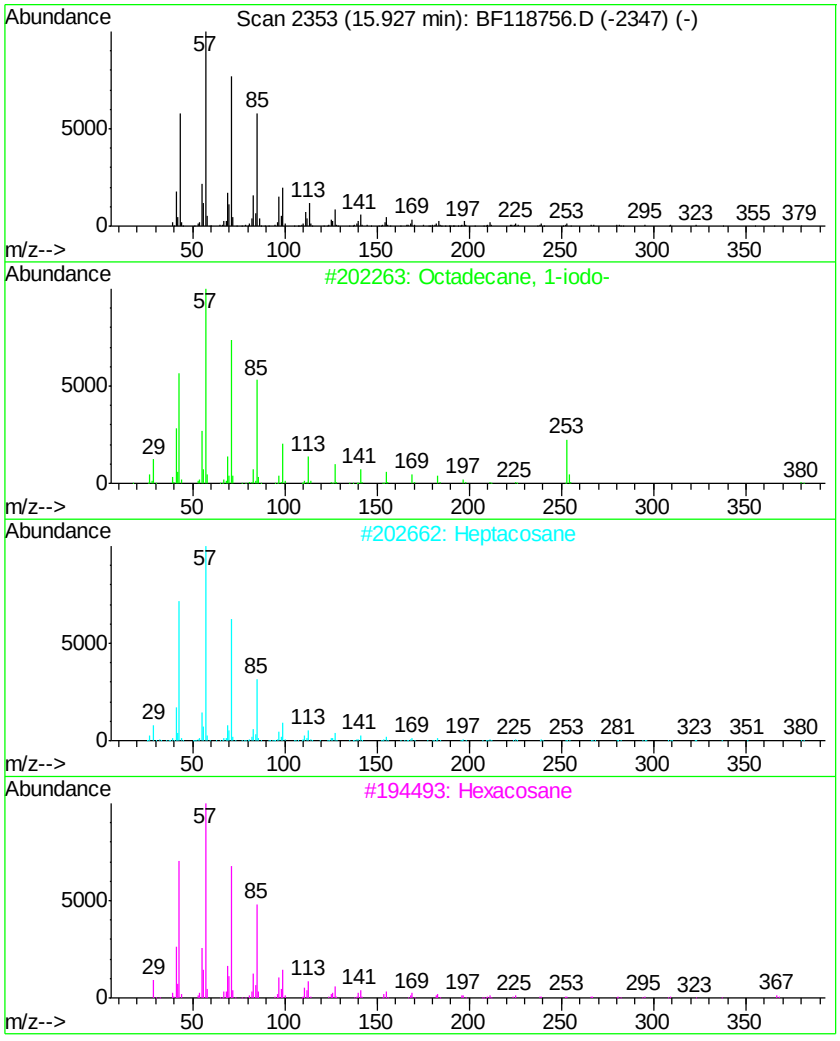
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

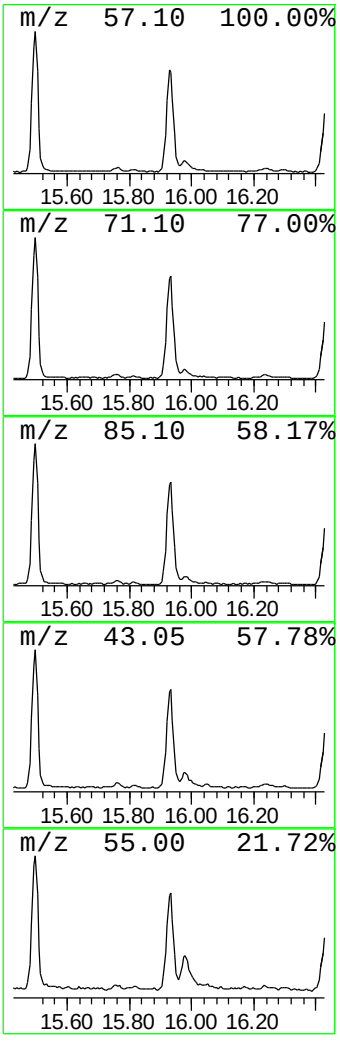
****

Peak Number 10 Octadecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	9.84 ng	1163870	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	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\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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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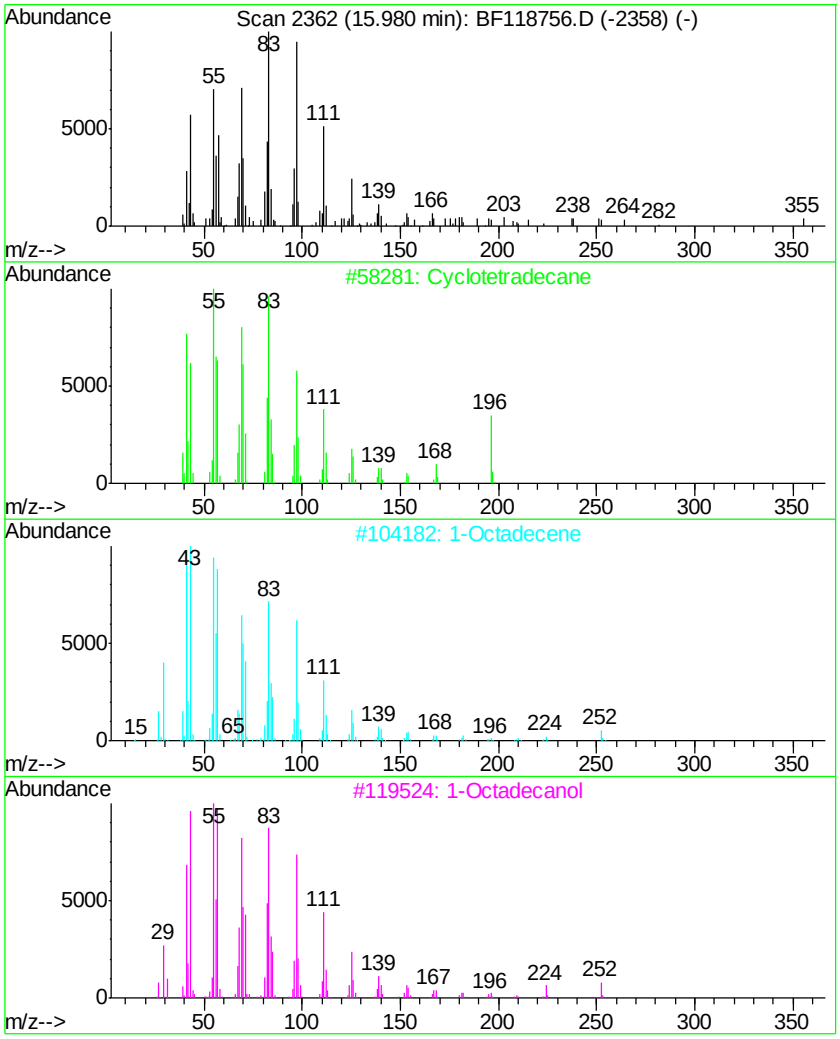
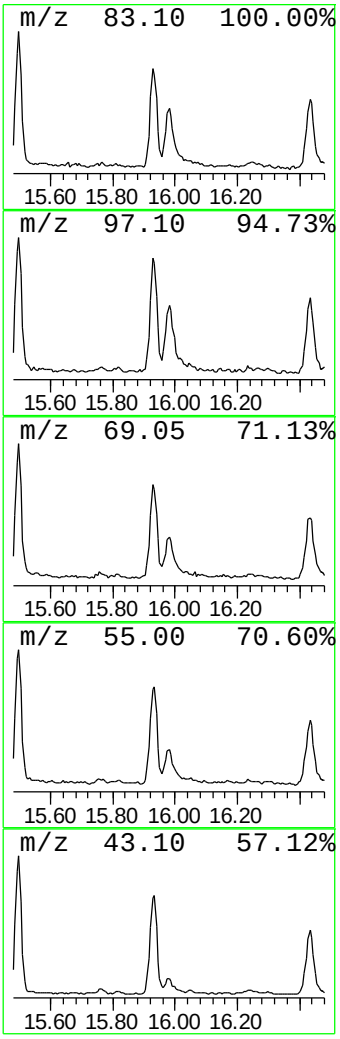
Peak Number 11 Cyclotetradecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	2.43 ng	287817	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	64
2	1-Octadecene	252	C18H36	000112-88-9	52
3	1-Octadecanol	270	C18H38O	000112-92-5	46
4	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46
5	4-Tetradecene, 2,3,4-trimethyl-	238	C17H34	055103-81-6	45





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Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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

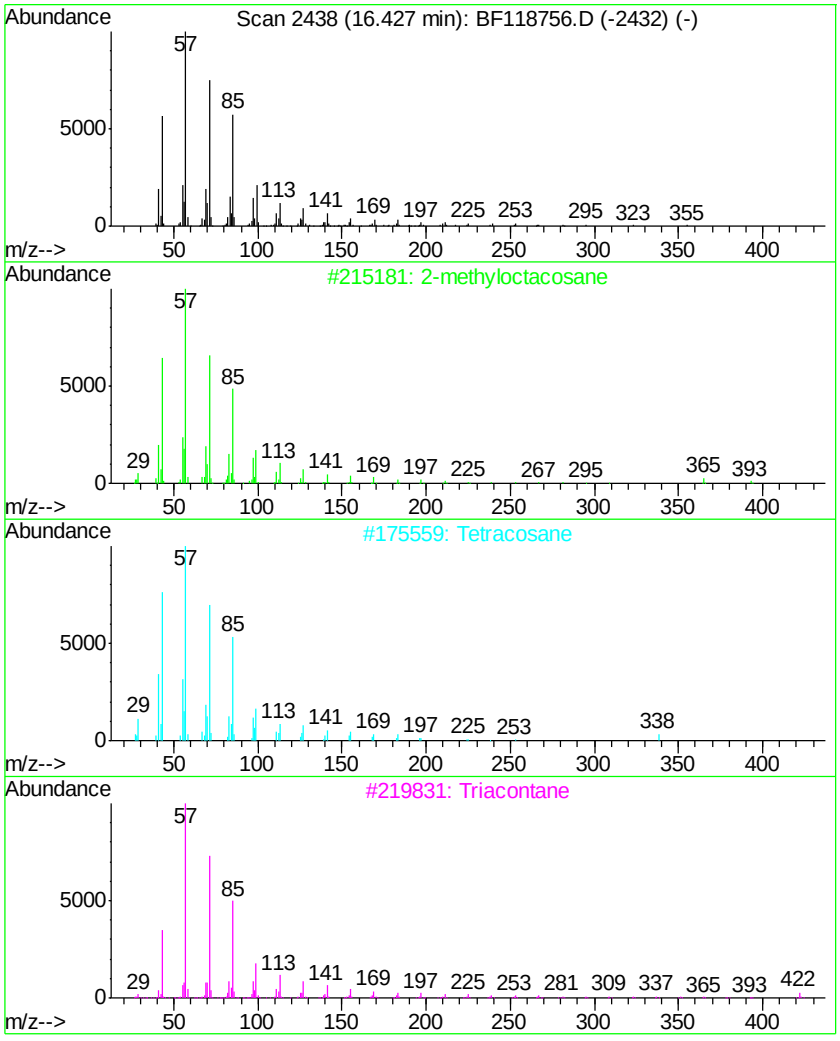
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

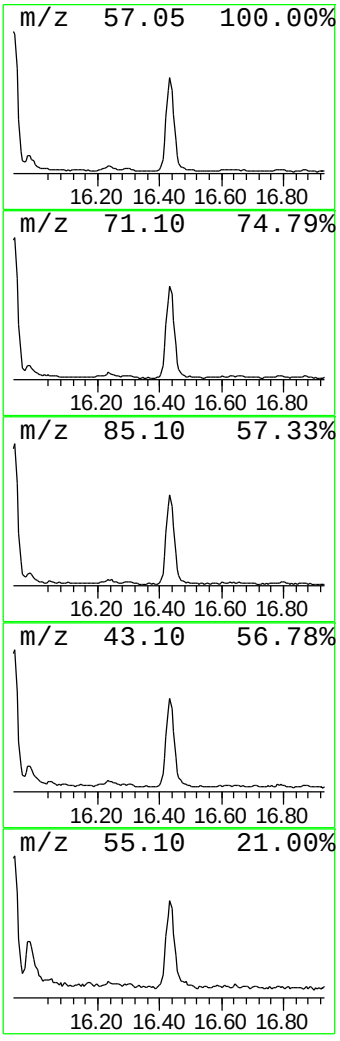
****

Peak Number 12 2-methyloctacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	8.22 ng	972093	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Docosane	310	C22H46	000629-97-0	91





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Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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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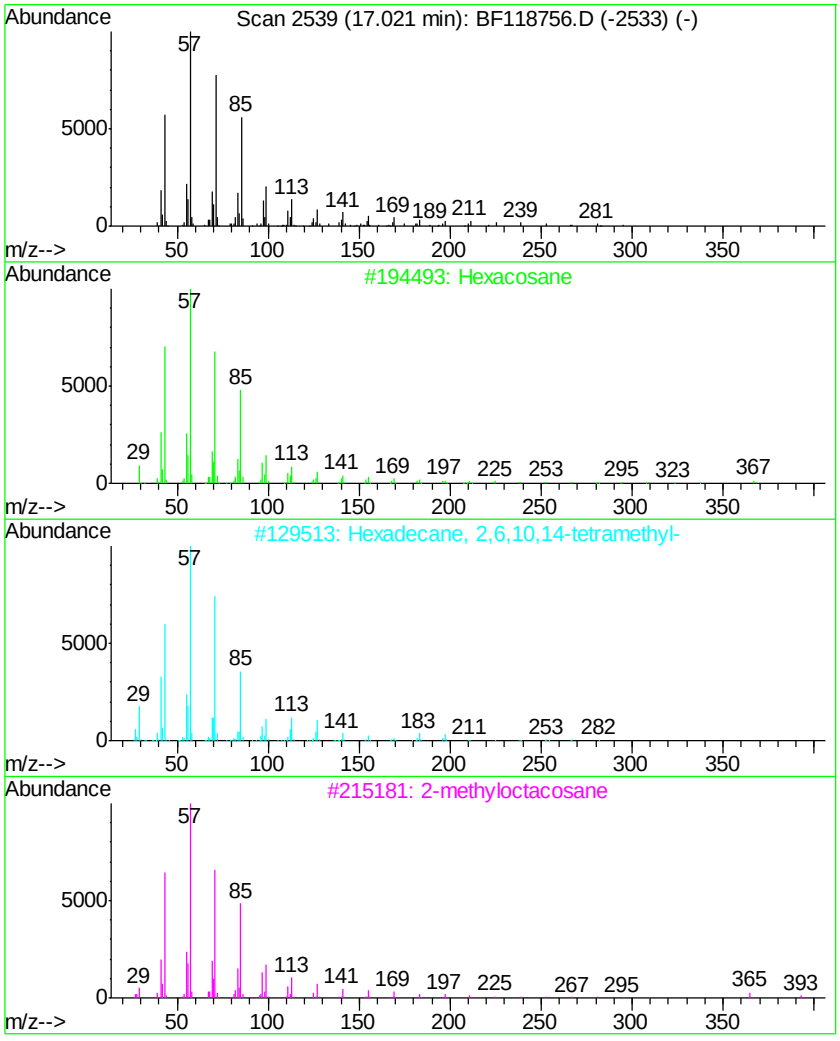
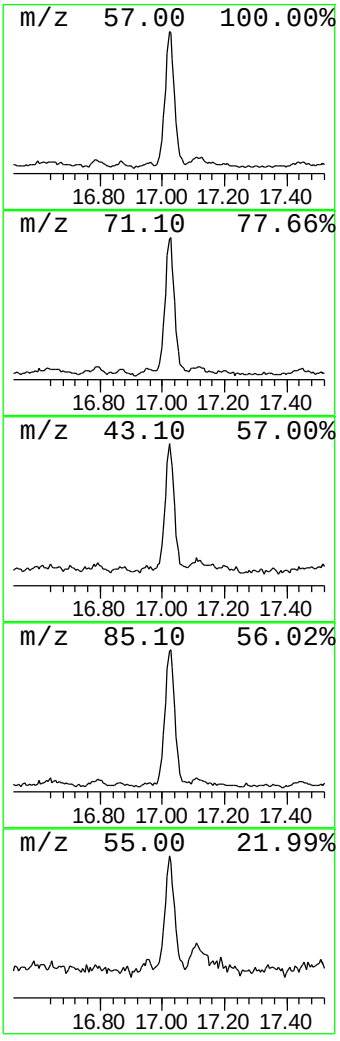
Peak Number 13 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	3.96 ng	468087	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Triacontane	422	C30H62	000638-68-6	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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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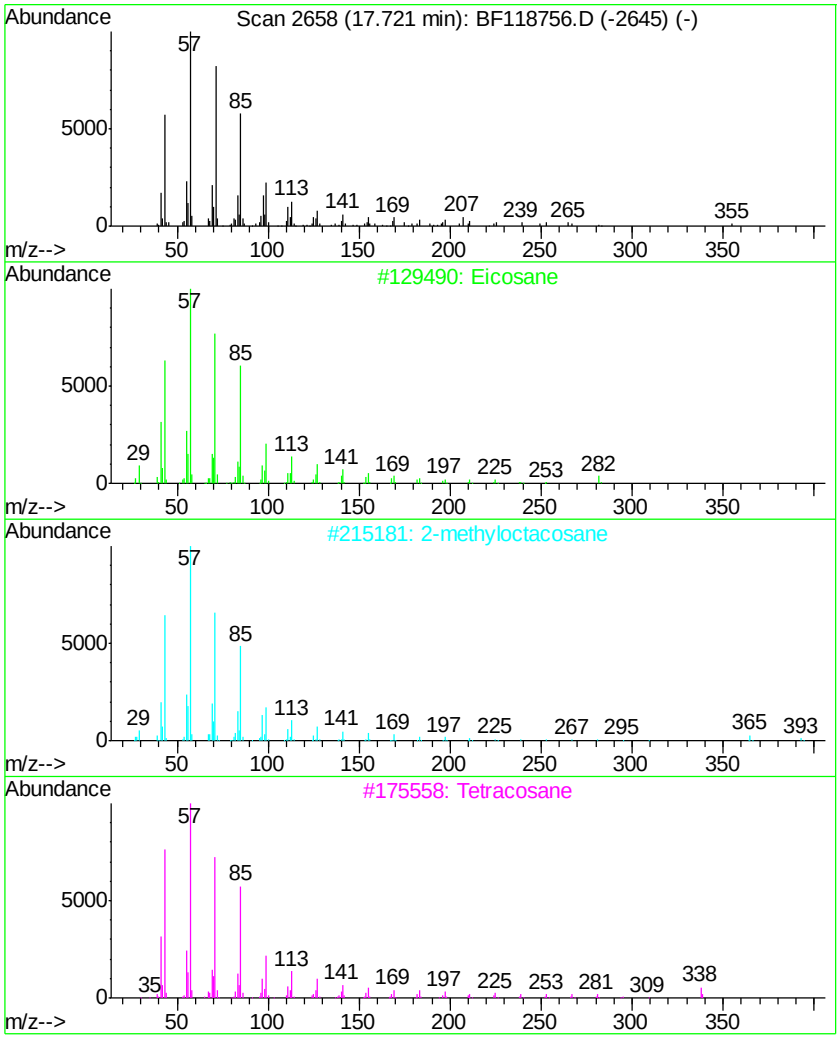
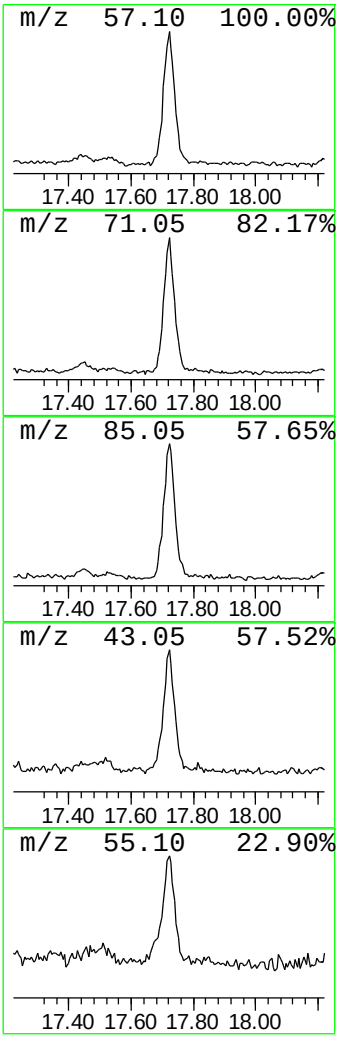
Peak Number 14 Tetracosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	3.84 ng	454664	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013020\
Data File : BF118756.D
Acq On : 30 Jan 2020 17:30
Operator : CG/JU
Sample : L1291-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-725-(SETTLED)

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
1-Acenaphthenol	10.78	2.5	ng	322904	4	11.36	2556220	20.0
n-Hexadecanoic acid	11.90	16.3	ng	2083380	4	11.36	2556220	20.0
Octadecanoic acid	12.68	9.8	ng	1227700	5	14.00	2501670	20.0
5-Eicosene, (E)-	13.84	12.6	ng	1578360	5	14.00	2501670	20.0
Eicosane	14.17	3.1	ng	392363	5	14.00	2501670	20.0
Hexacosane	14.47	6.2	ng	775979	5	14.00	2501670	20.0
Pentadecane, 8-he...	14.78	9.0	ng	1067420	6	15.46	2365350	20.0
Octadecane, 1-iodo-	15.93	9.8	ng	1163870	6	15.46	2365350	20.0
Cyclotetradecane	15.98	2.4	ng	287817	6	15.46	2365350	20.0
2-methyloctacosane	16.43	8.2	ng	972093	6	15.46	2365350	20.0
Hexadecane, 2,6,1...	17.02	4.0	ng	468087	6	15.46	2365350	20.0
Tetracosane	17.72	3.8	ng	454664	6	15.46	2365350	20.0