LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

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-BF031820.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	2.169	10	14	21	rVB	292233	376103	4.30%	0.541%
2	5.087	506	510	517	rVB	95278	122513	1.40%	0.176%
3	5.469	569	575	578	rBV	8197217	8500520	97.28%	12.236%
4	6.475	740	746	749	rBV	7647915	8307349	95.07%	11.958%
5	6.851	807	810	814	rVB	2578740	2190154	25.06%	3.152%
6	7.010	833	837	841	rVB	7137763	6597622	75.50%	9.497%
7	7.416	900	906	909	rBV	5512169	5429250	62.13%	7.815%
8	8.139	1024	1029	1032	rBV	3403230	2804661	32.10%	4.037%
9	9.222	1207	1213	1216	rBV	9417484	8738230	100.00%	12.578%
10	9.610	1275	1279	1282	rBV	753187	567980	6.50%	0.818%
11	9.898	1320	1328	1331	rBV	3528908	2893343	33.11%	4.165%
12	10.686	1456	1462	1465	rBV	5434021	4911558	56.21%	7.070%
13	11.386	1577	1581	1583	rBV	3299153	2661100	30.45%	3.830%
14	11.410	1583	1585	1588	rVB	226256	173504	1.99%	0.250%
15	11.916	1667	1671	1675	rBV	475722	449346	5.14%	0.647%
16	12.598	1783	1787	1790	rBV	360083	328667	3.76%	0.473%
17	12.698	1801	1804	1810	rBV2	191468	210614	2.41%	0.303%
18	12.827	1823	1826	1828	rVB	301178	274173	3.14%	0.395%
19	12.974	1847	1851	1854	rBV	6658975	6338450	72.54%	9.124%
20	13.874	2000	2004	2010	rBV	850687	907104	10.38%	1.306%
21	14.021	2024	2029	2032	rBV	1854834	1998524	22.87%	2.877%
22	14.051	2032	2034	2039	rVB	171329	156419	1.79%	0.225%
23	14.204	2056	2060	2064	rVB2	134220	139497	1.60%	0.201%
24	14.504	2108	2111	2115	rBV	272081	276704	3.17%	0.398%
25	14.815	2160	2164	2169	rVB	244071	257689	2.95%	0.371%
26	15.062	2202	2206	2209	rBV	158660	243469	2.79%	0.350%
27	15.162	2218	2223	2229	rBV2	276183	384040	4.39%	0.553%
28	15.368	2254	2258	2263	rVV	105842	125869	1.44%	0.181%
29	15.427	2265	2268	2273	rVB	131101	161213	1.84%	0.232%
30	15.498	2274	2280	2284	rBV	1433247	1834289	20.99%	2.640%
31	15.545	2284	2288	2295	rVB	232549	338354	3.87%	0.487%
32	15.992	2359	2364	2367	rBV	170011	249493	2.86%	0.359%
33	16.033	2368	2371	2381	rVB3	125317	221747	2.54%	0.319%
34	16.503	2446	2451	2455	rBV2	81449	152810	1.75%	0.220%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

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-BF031820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	16.951	2523	2527	2538	rVB4	67181	151437	1.73%	0.218%

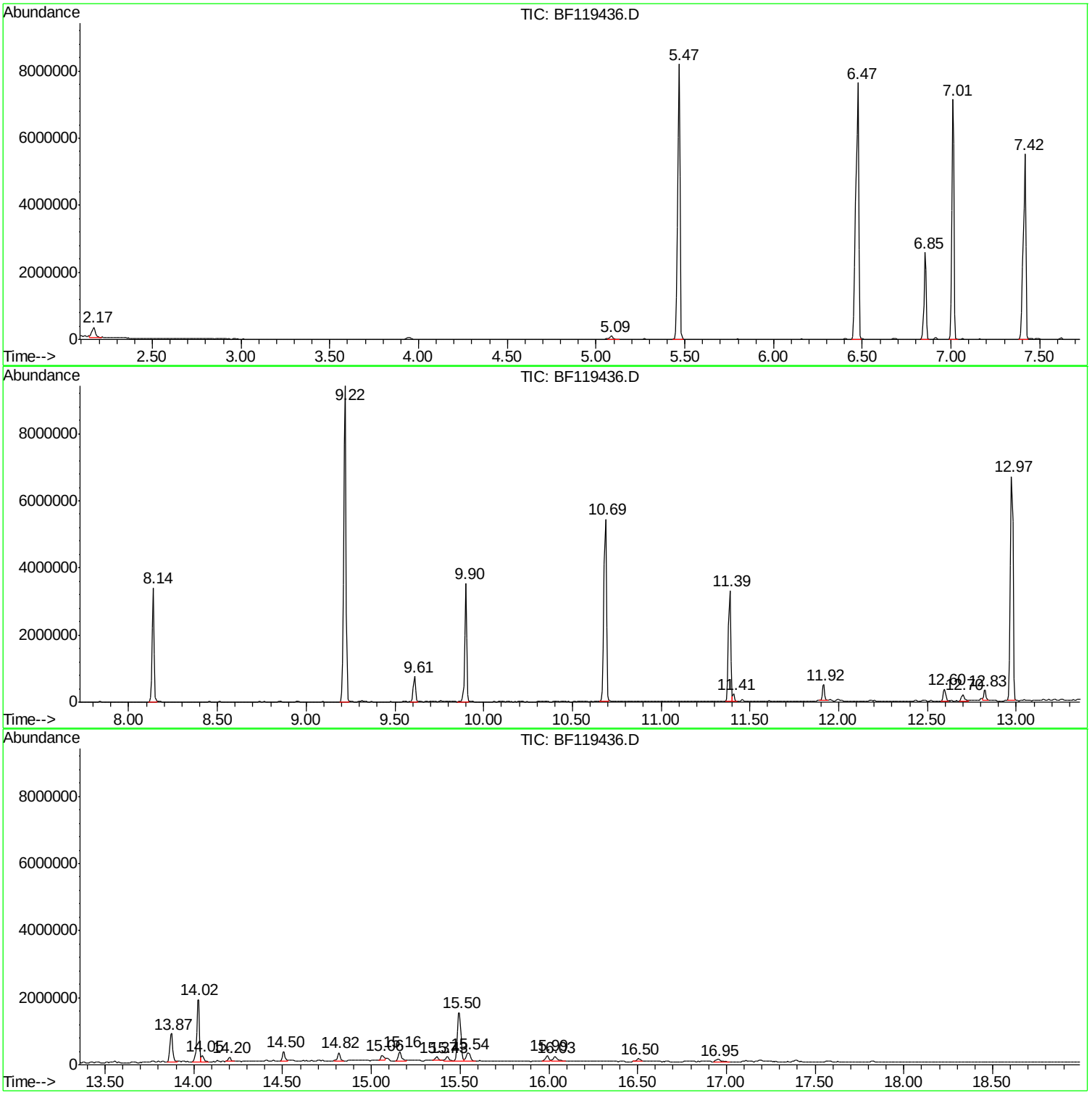
Sum of corrected areas: 69473795

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

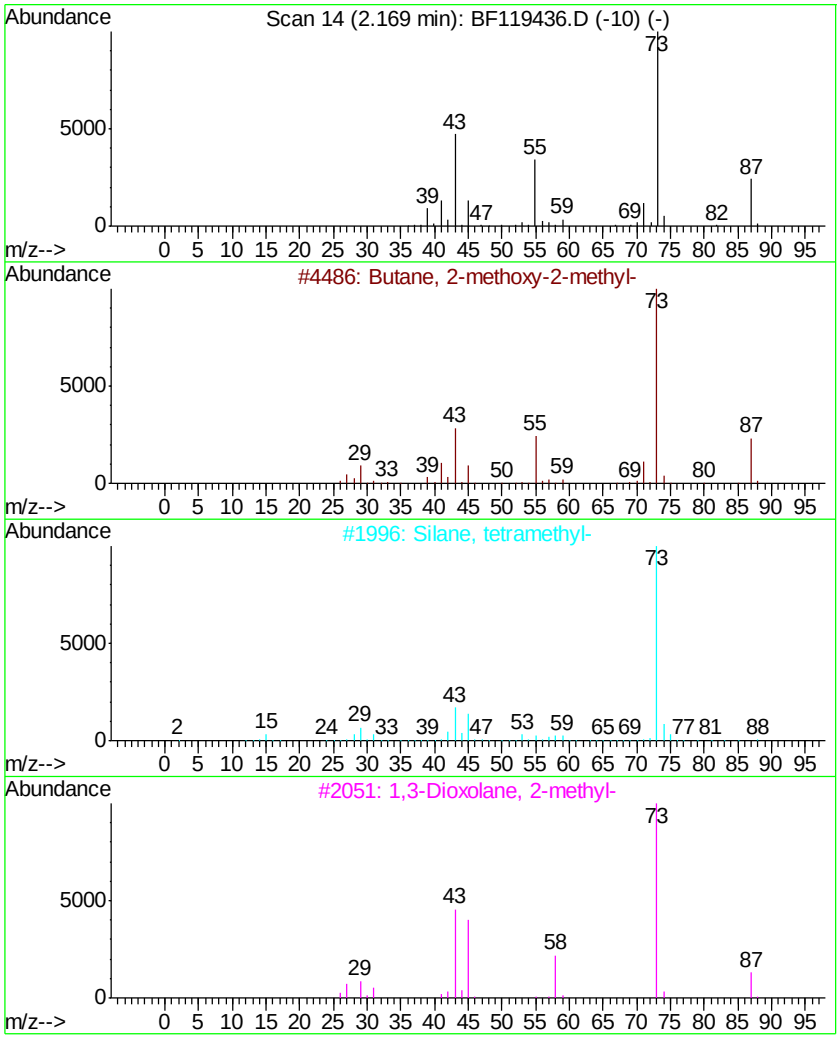
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

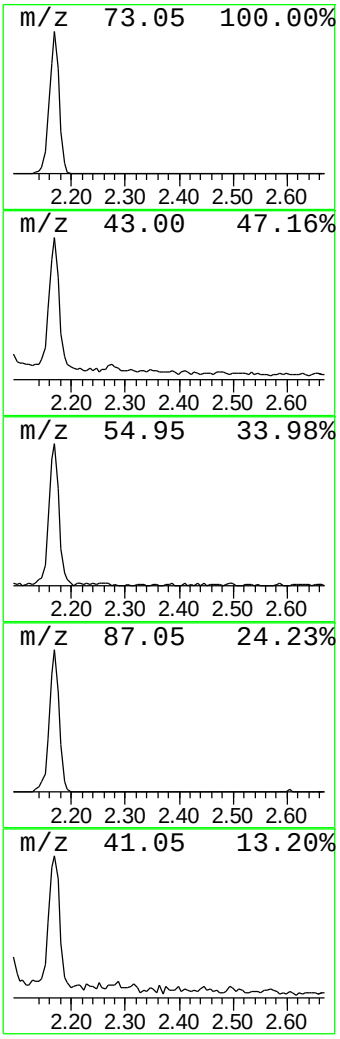
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	3.43 ng	376103	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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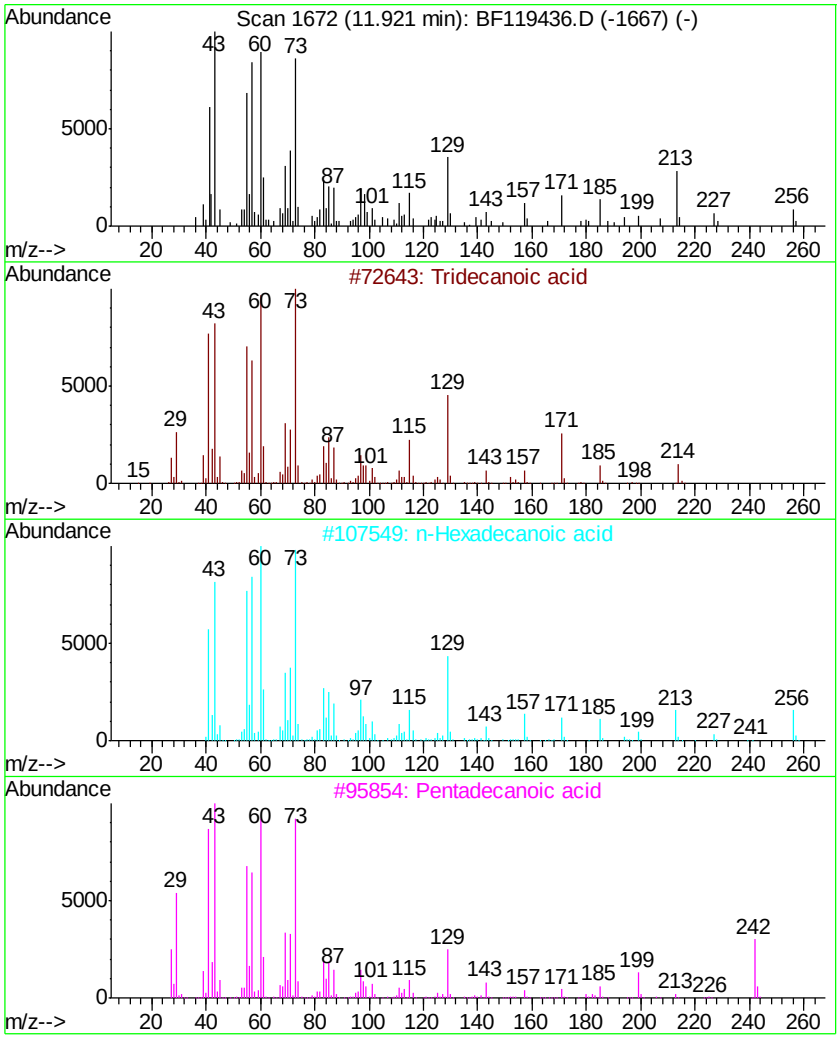
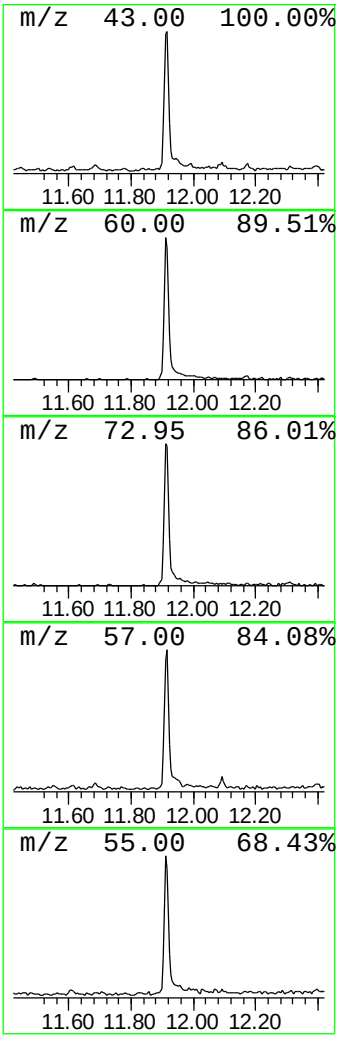
Peak Number 3 Tridecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.38 ng	449346	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

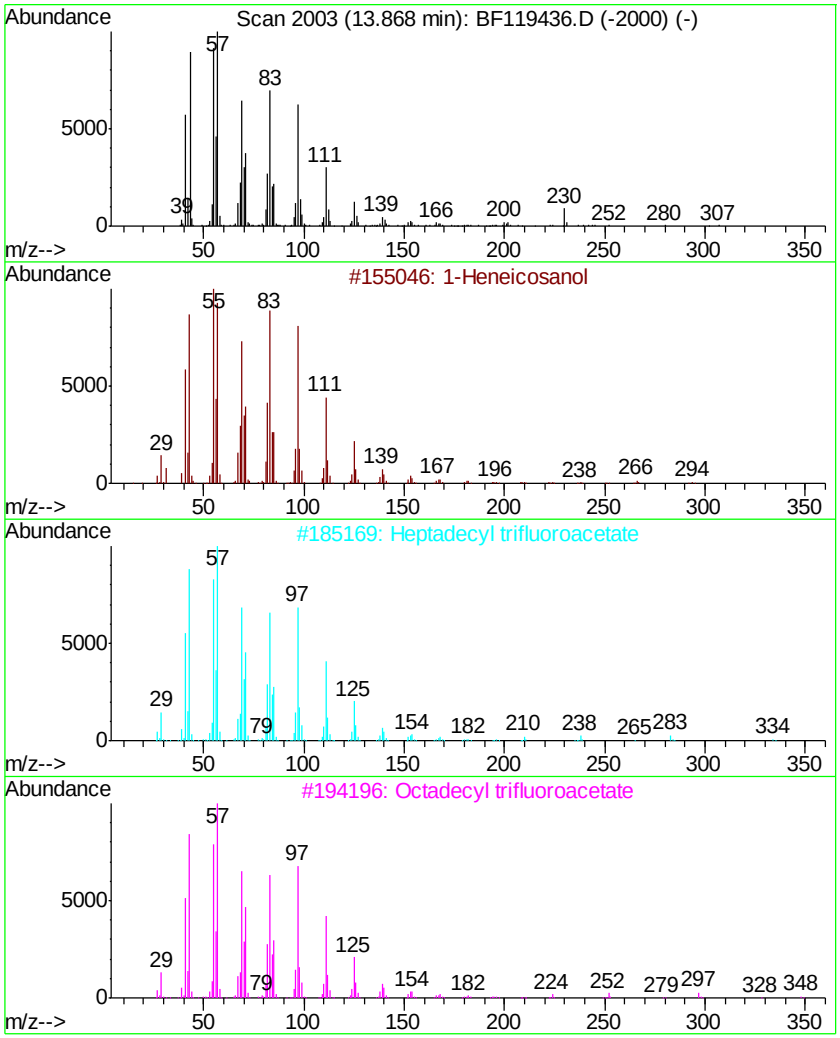
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

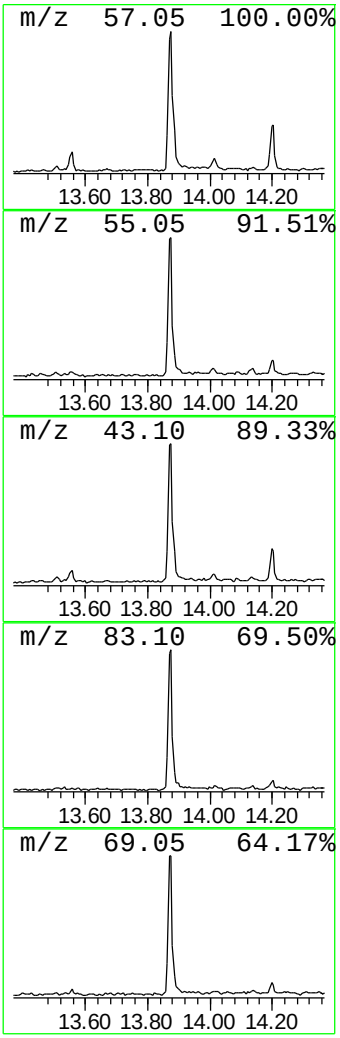
****

Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	9.08 ng	907104	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

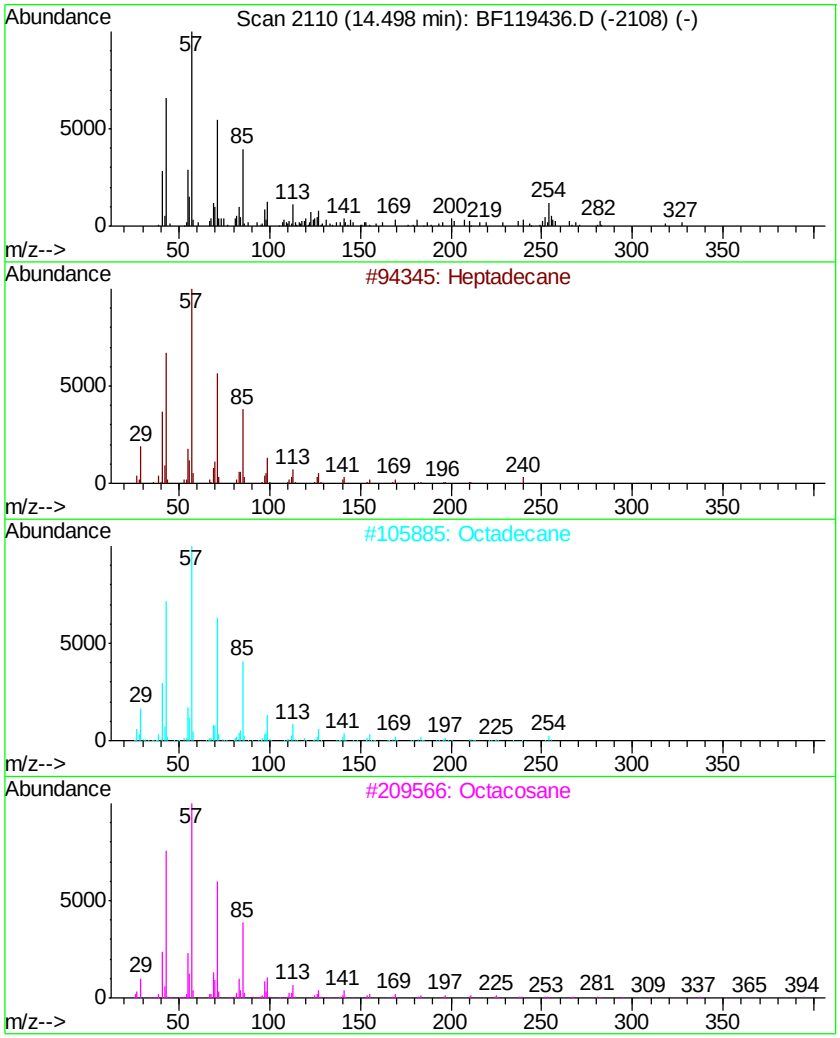
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

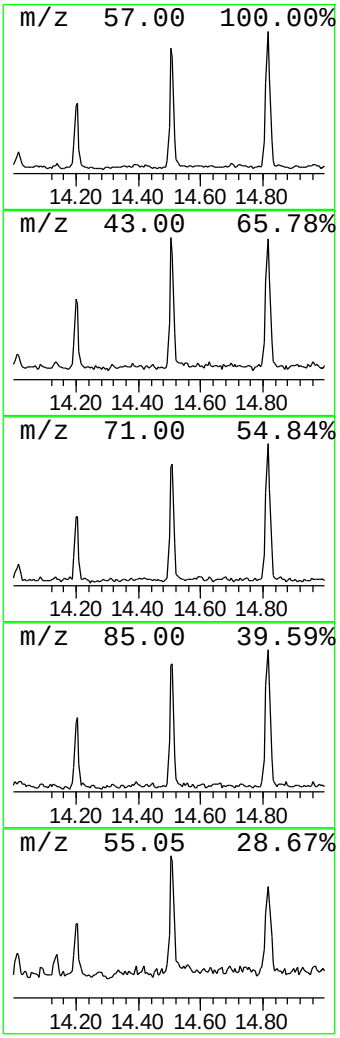
****

Peak Number 5 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	2.77 ng	276704	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	Octadecane	254	C18H38	000593-45-3	97
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	83
5	Hentriacontane	437	C31H64	000630-04-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
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Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

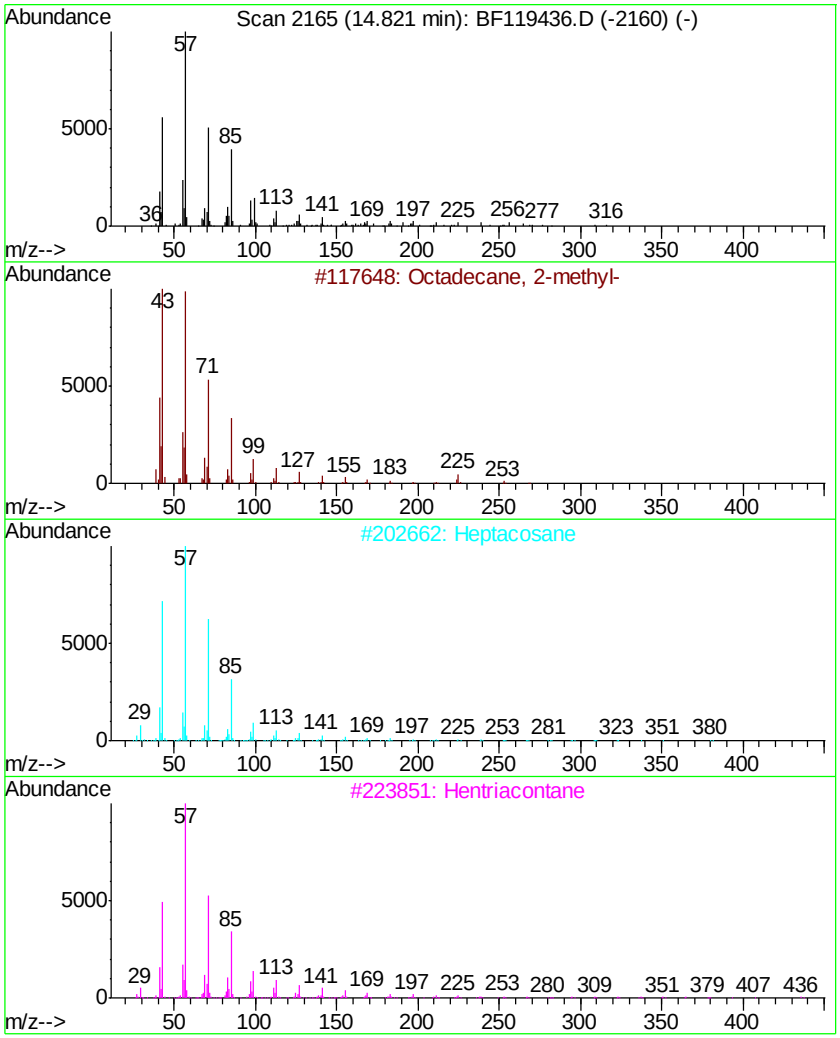
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

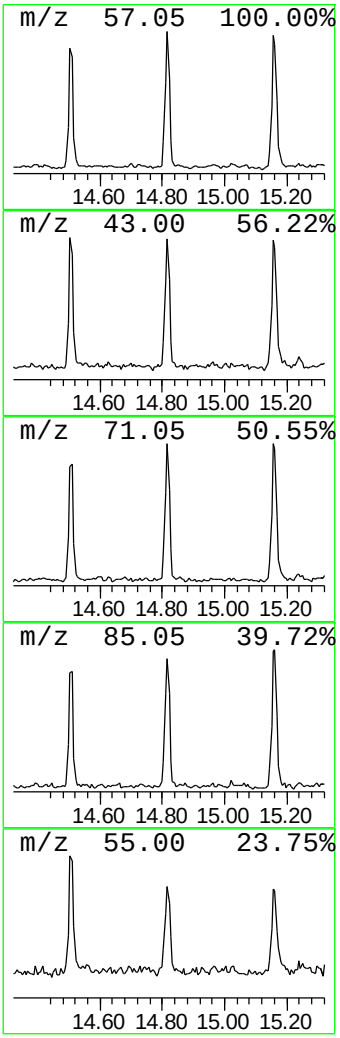
****

Peak Number 6 Octadecane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	2.81 ng	257689	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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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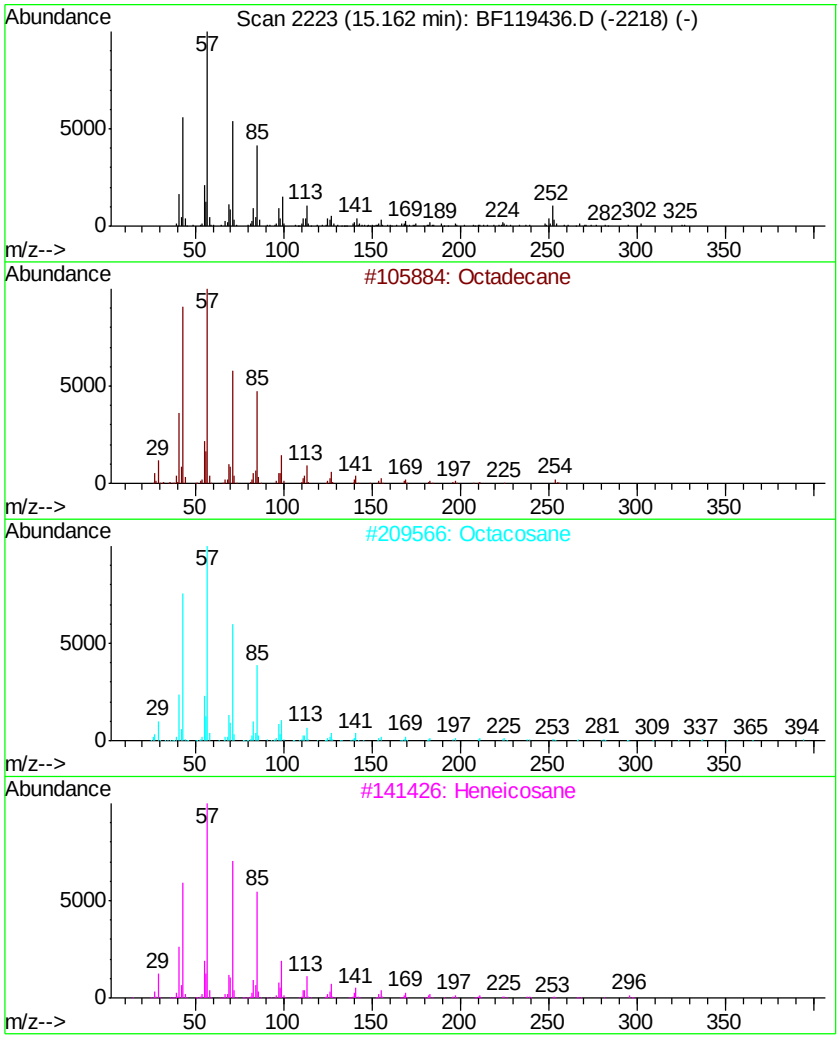
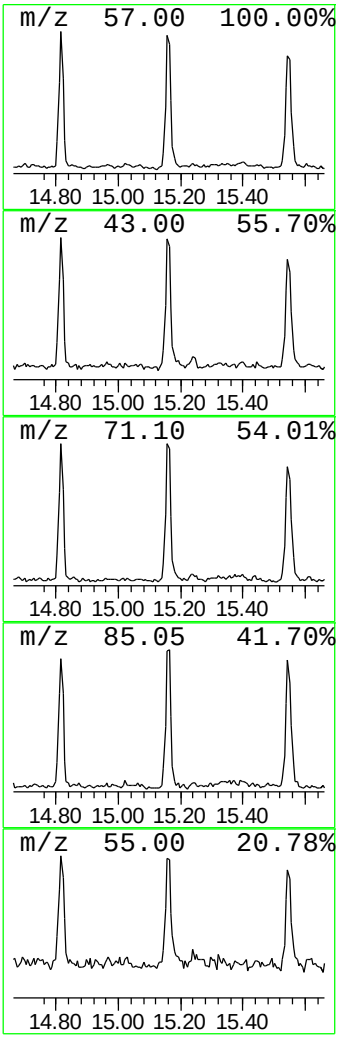
Peak Number 7 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.19 ng	384040	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Octacosane	394	C28H58	000630-02-4	83
3	Heneicosane	296	C21H44	000629-94-7	81
4	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	74
5	Eicosane	282	C20H42	000112-95-8	74





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Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

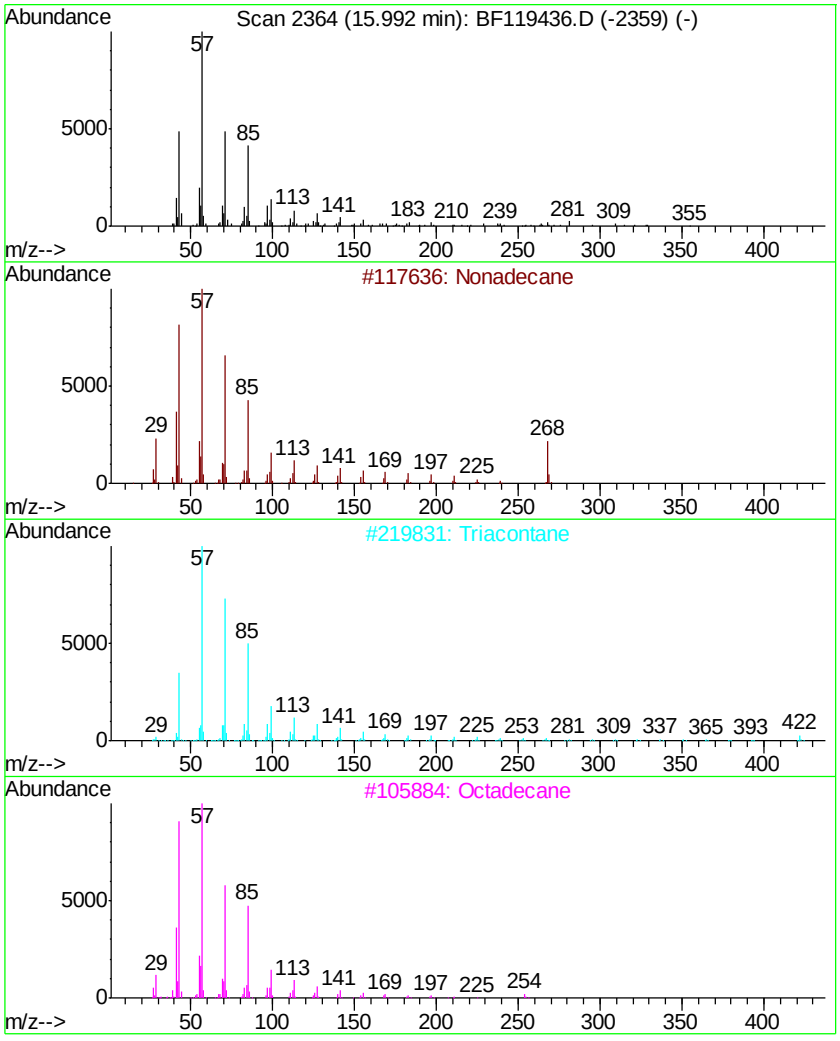
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

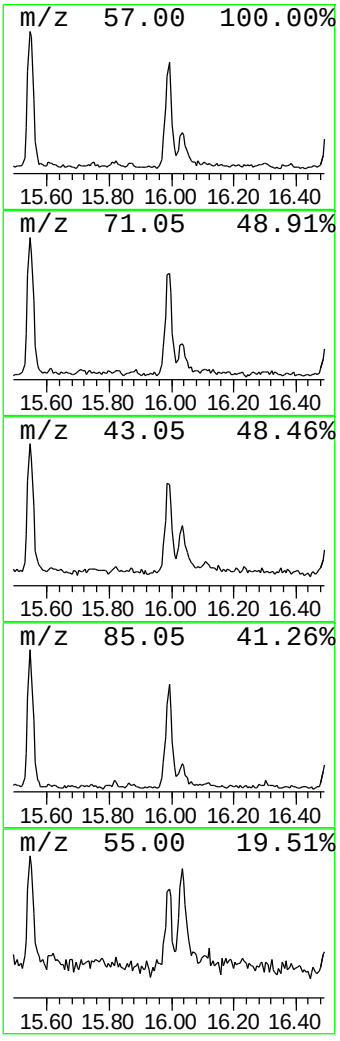
****

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.72 ng	249493	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Triacontane	422	C30H62	000638-68-6	87
3	Octadecane	254	C18H38	000593-45-3	81
4	Docosane	310	C22H46	000629-97-0	80
5	2-methyloctacosane	408	C29H60	1000376-72-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

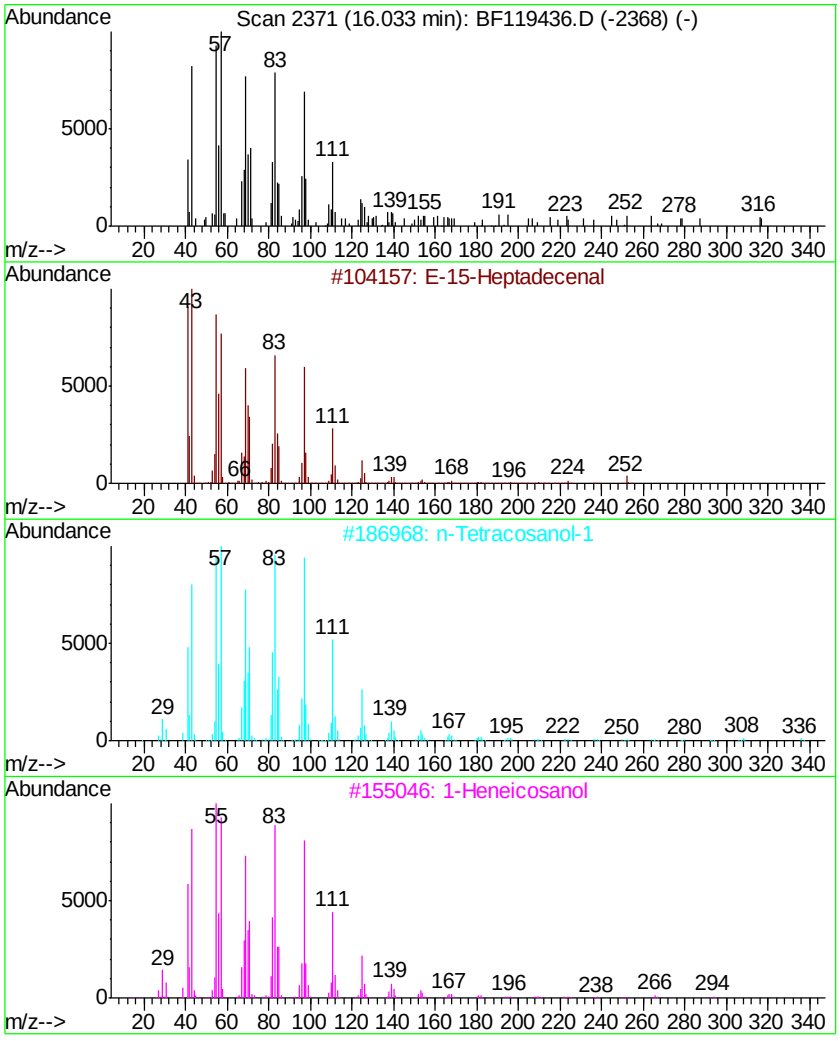
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

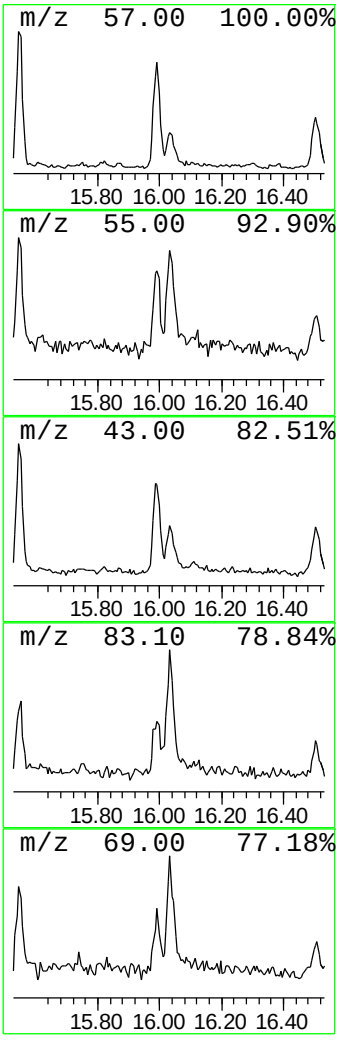
****

Peak Number 9 E-15-Heptadecenal Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.42 ng	221747	Perylene-d12	15.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Cyclohexadecane	224	C16H32	000295-65-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119436.D
Acq On : 19 Mar 2020 1:18
Operator : CG/JU
Sample : L1943-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : J+B-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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...	2.17	3.4	ng	376103	1	6.85	2190150	20.0
Tridecanoic acid	11.92	3.4	ng	449346	4	11.39	2661100	20.0
1-Heneicosanol	13.87	9.1	ng	907104	5	14.03	1998520	20.0
Heptadecane	14.50	2.8	ng	276704	5	14.03	1998520	20.0
Octadecane, 2-met...	14.82	2.8	ng	257689	6	15.50	1834290	20.0
Octadecane	15.16	4.2	ng	384040	6	15.50	1834290	20.0
Nonadecane	15.99	2.7	ng	249493	6	15.50	1834290	20.0
E-15-Heptadecenal	16.03	2.4	ng	221747	6	15.50	1834290	20.0