LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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-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	2.210	17	21	28	rVB2	104676	170984	2.32%	0.327%
2	5.045	499	503	510	rVB	112834	135511	1.84%	0.259%
3	5.445	562	571	574	rBV	6461883	6267201	84.97%	11.991%
4	5.675	607	610	619	rVB	73831	82316	1.12%	0.157%
5	6.457	738	743	755	rBV2	5828959	7376106	100.00%	14.113%
6	6.833	803	807	810	rBV	2071249	1697176	23.01%	3.247%
7	6.992	829	834	837	rBV	5873204	5425665	73.56%	10.381%
8	7.392	894	902	905	rBV	3666580	3298809	44.72%	6.312%
9	8.116	1021	1025	1029	rBV	2443128	2083814	28.25%	3.987%
10	9.198	1204	1209	1212	rBV	7778770	6990913	94.78%	13.376%
11	9.592	1272	1276	1280	rVB	737972	560120	7.59%	1.072%
12	9.880	1319	1325	1328	rBV	2490056	2086765	28.29%	3.993%
13	10.669	1454	1459	1462	rBV	2861651	2560890	34.72%	4.900%
14	11.368	1574	1578	1580	rBV	2093601	1720087	23.32%	3.291%
15	11.392	1580	1582	1585	rVV	345473	271417	3.68%	0.519%
16	11.439	1588	1590	1593	rVB	91653	82720	1.12%	0.158%
17	11.898	1665	1668	1674	rBV	394480	379969	5.15%	0.727%
18	12.580	1781	1784	1787	rBV	516995	433496	5.88%	0.829%
19	12.686	1799	1802	1809	rBV3	139998	199862	2.71%	0.382%
20	12.810	1818	1823	1826	rBV	437732	435293	5.90%	0.833%
21	12.957	1844	1848	1852	rBV	5027740	4936423	66.92%	9.445%
22	13.210	1886	1891	1893	rBV3	59795	106648	1.45%	0.204%
23	13.892	2004	2007	2017	rVB2	388199	636796	8.63%	1.218%
24	14.009	2023	2027	2030	rBV2	1571933	1636269	22.18%	3.131%
25	14.033	2030	2031	2038	rVB	180571	166766	2.26%	0.319%
26	14.121	2043	2046	2049	rVV2	100206	95230	1.29%	0.182%
27	14.186	2054	2057	2062	rVV2	103393	119488	1.62%	0.229%
28	14.492	2106	2109	2112	rBV	195683	171205	2.32%	0.328%
29	14.798	2159	2161	2166	rVB	181492	161498	2.19%	0.309%
30	15.051	2201	2204	2208	rBV	147081	246087	3.34%	0.471%
31	15.139	2216	2219	2228	rVB2	259821	351446	4.76%	0.672%
32	15.480	2273	2277	2281	rBV	990923	1109134	15.04%	2.122%
33	15.962	2356	2359	2364	rVB	189890	269003	3.65%	0.515%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

Sum of corrected areas: 52265107

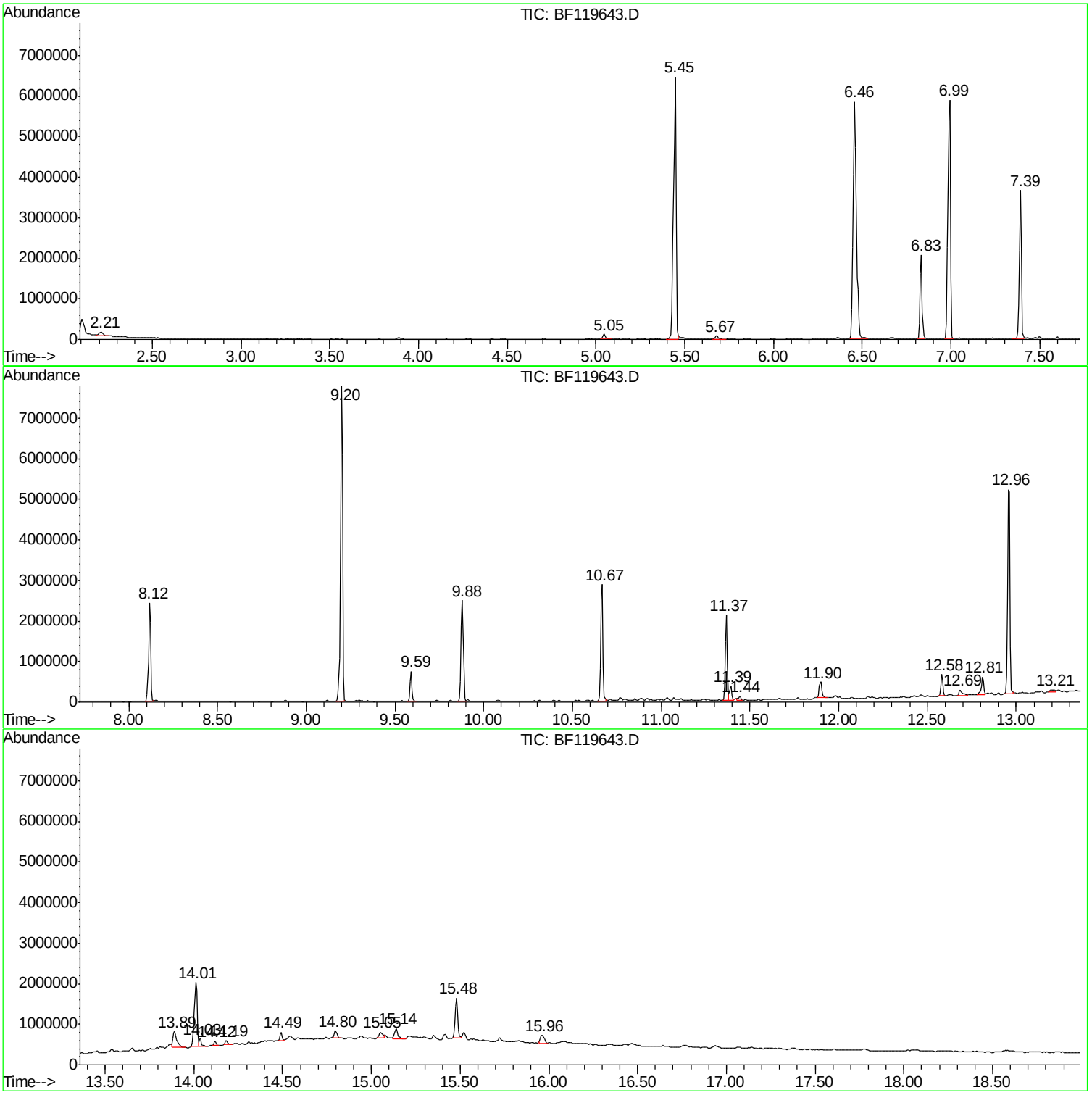
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-1.0-1.5

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\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

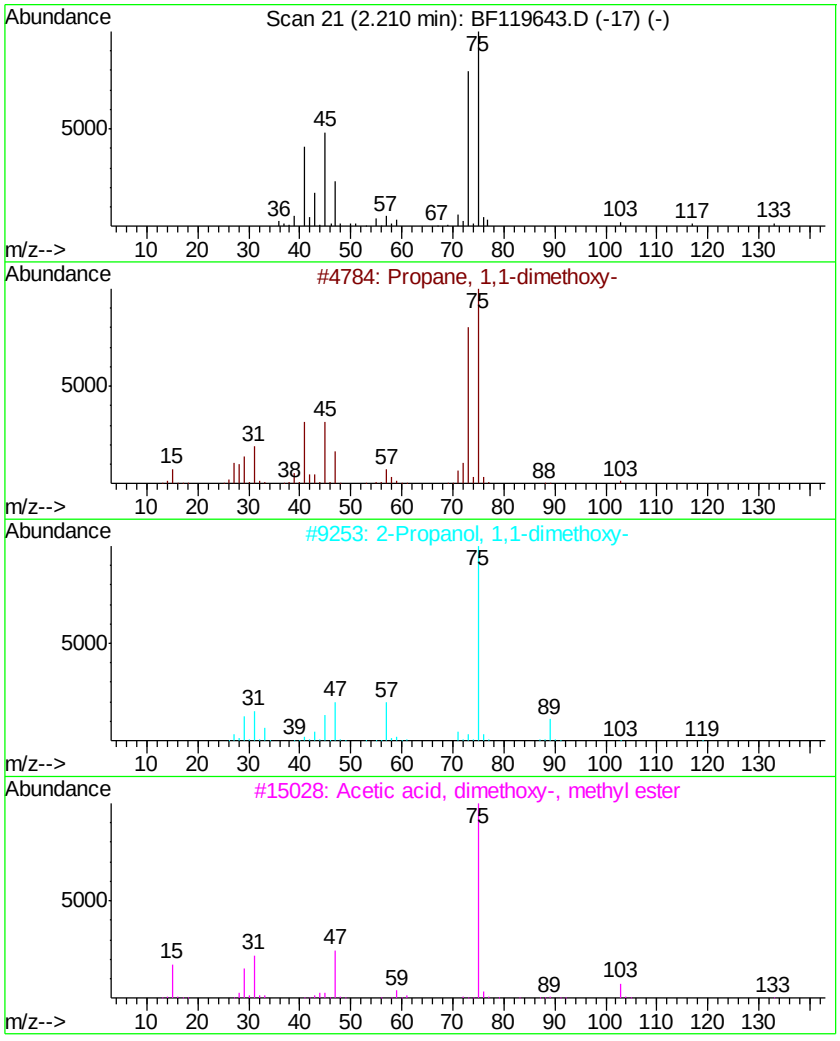
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

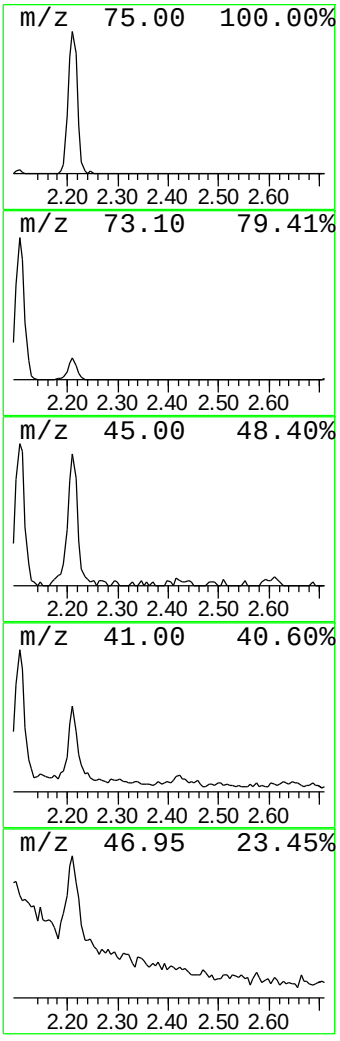
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.21	2.01 ng	170984	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	40
3	Acetic acid, dimethoxy-, methyl ...	134	C5H10O4	000089-91-8	28
4	Formamide, N-methylthio	75	C2H5NS	018952-41-5	28
5	1,3-Dioxolane, 2-(2-propenyl)-	114	C6H10O2	038653-49-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

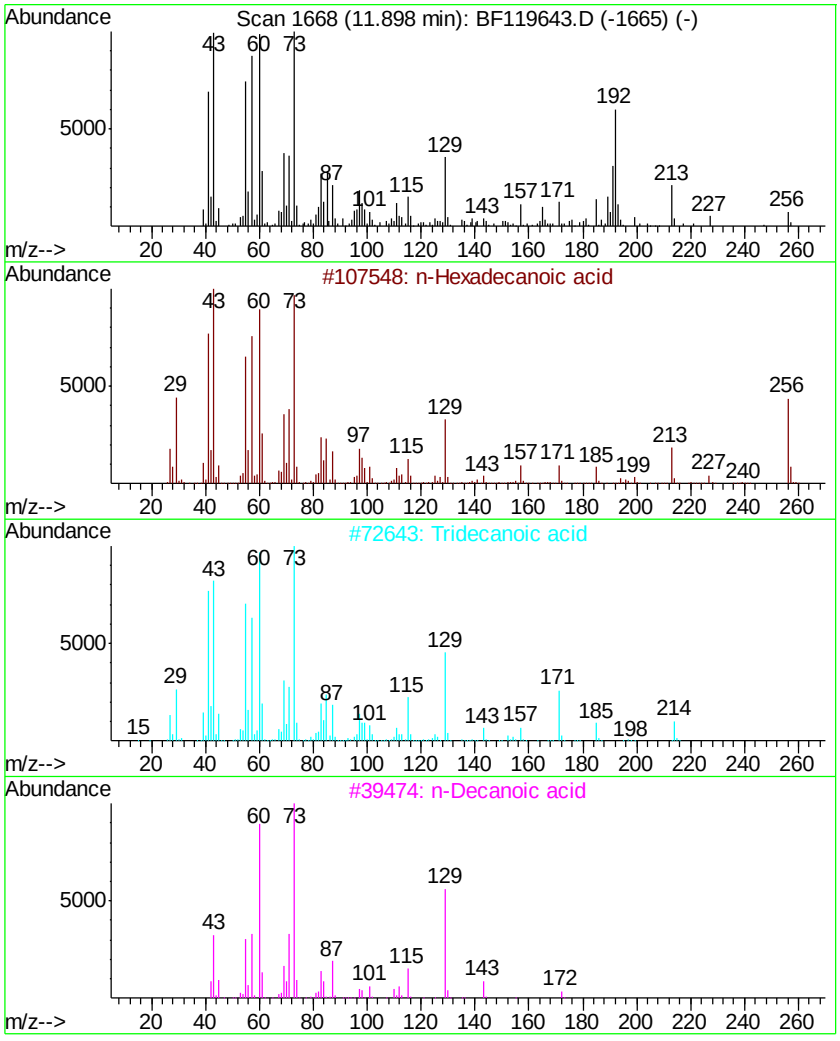
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

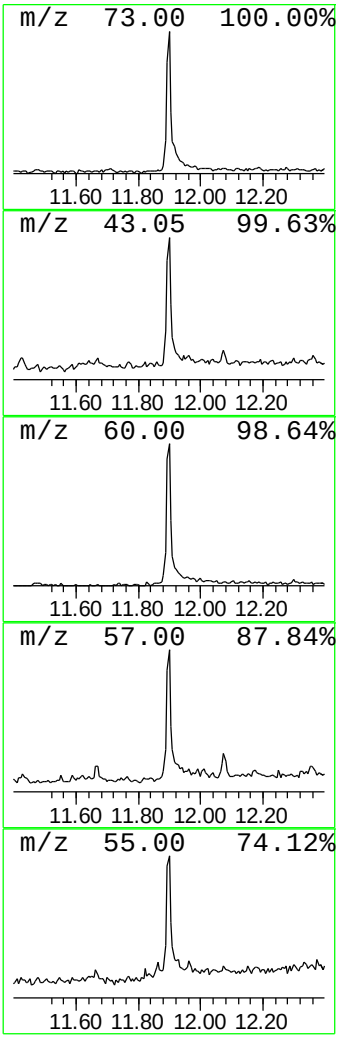
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	4.42 ng	379969	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	51





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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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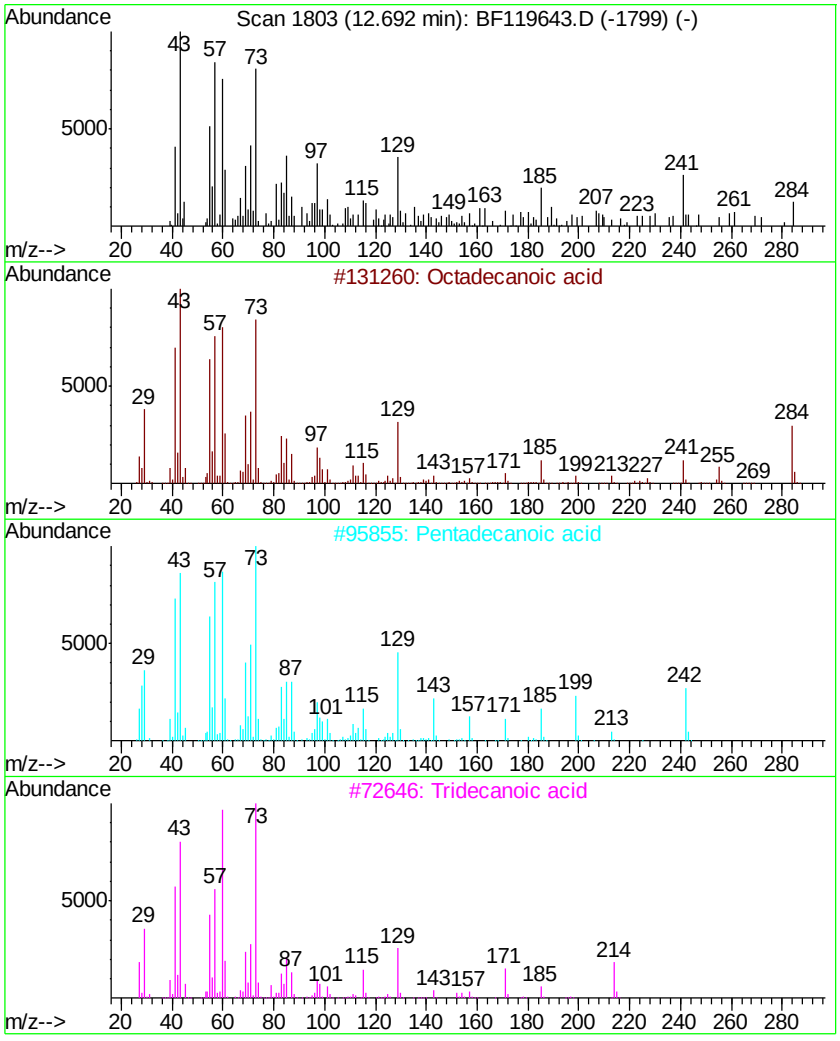
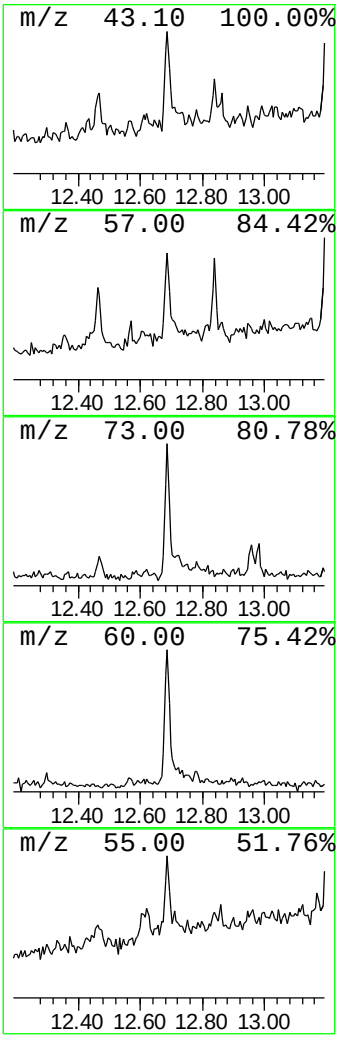
Peak Number 4 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	2.32 ng	199862	Phenanthrene-d10	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

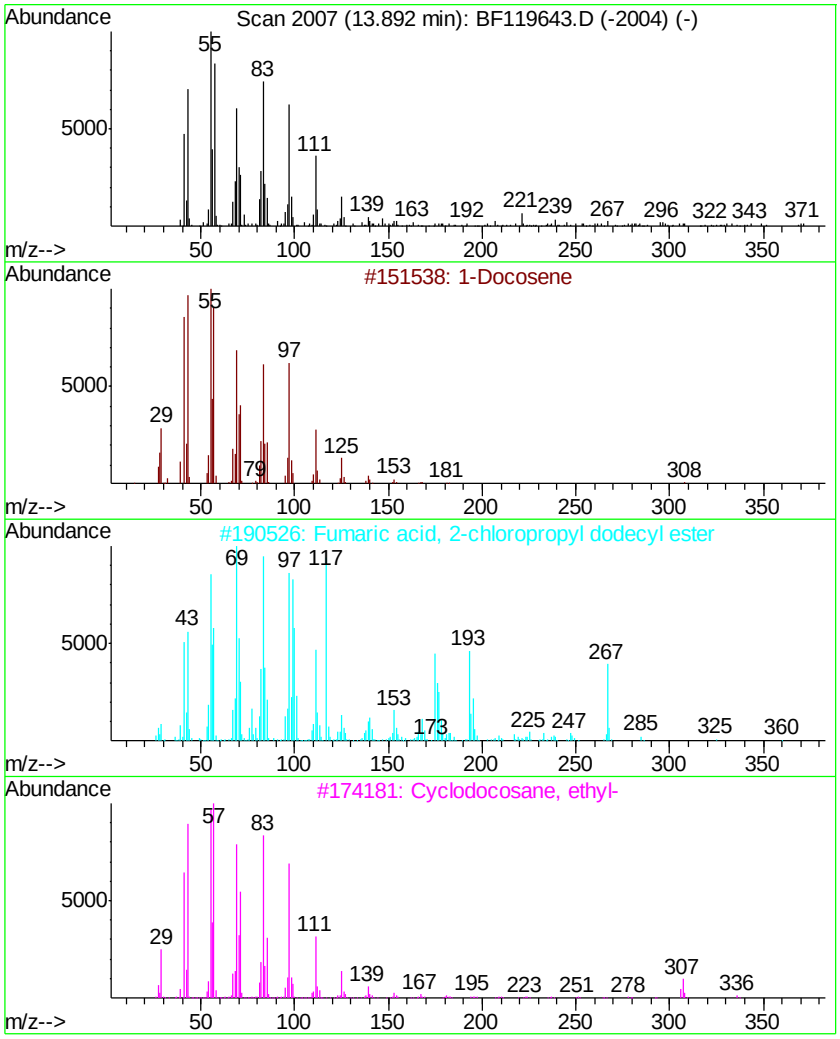
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

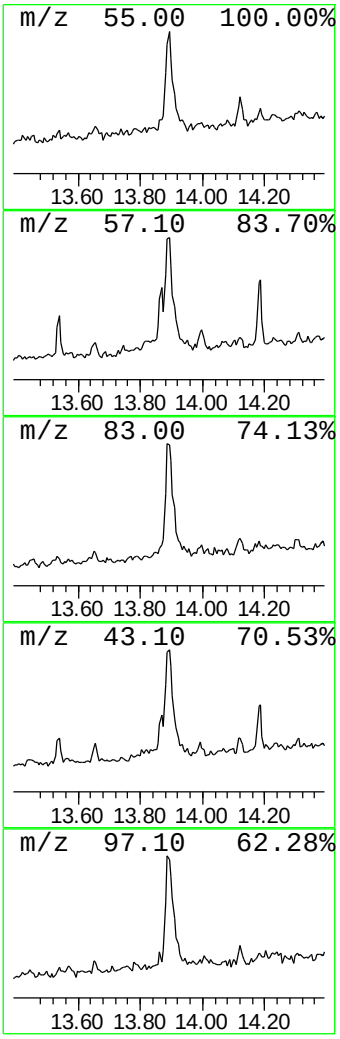
****

Peak Number 5 1-Docosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	7.78 ng	636796	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Fumaric acid, 2-chloropropyl dod...	360	C19H33ClO4	1000348-57-0	96
3	Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	93
4	1-Octadecanol	270	C18H38O	000112-92-5	91
5	Cyclohexadecane	224	C16H32	000295-65-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

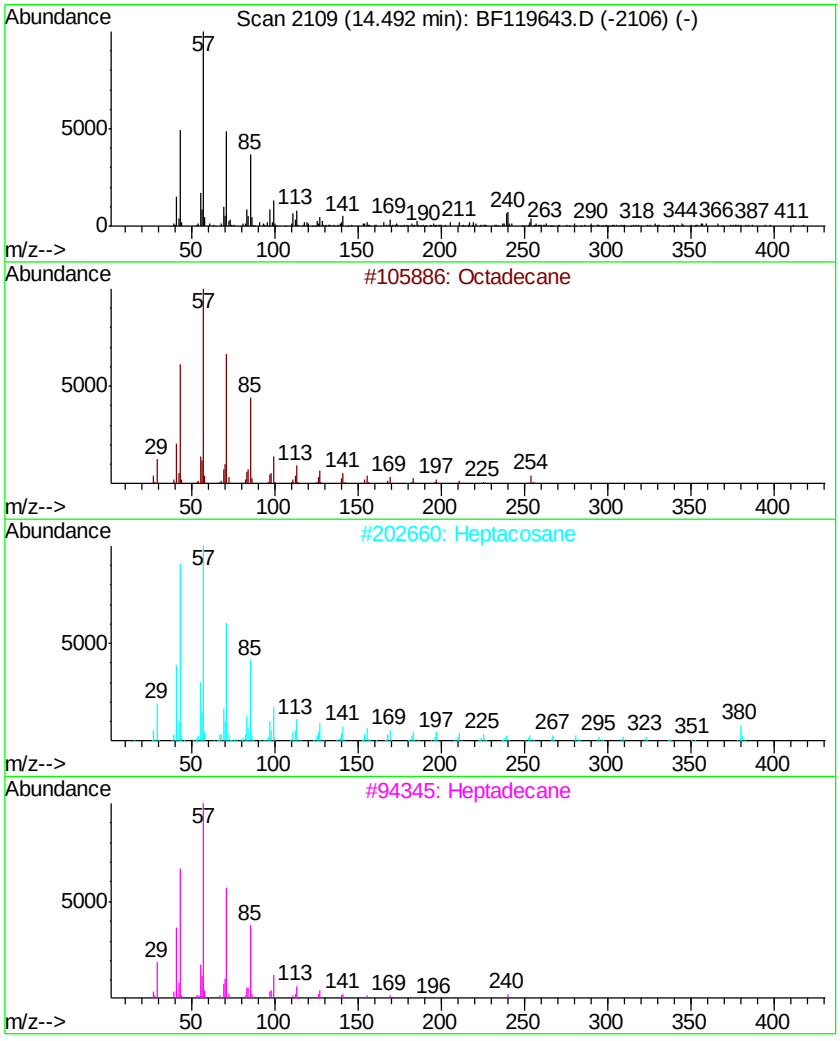
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

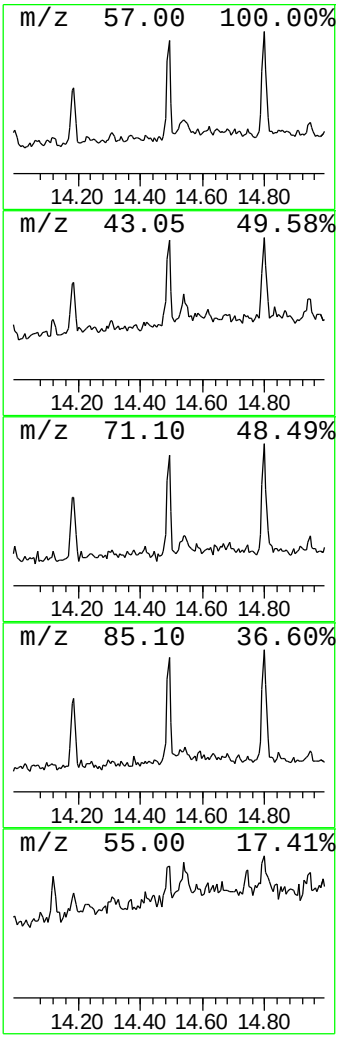
****

Peak Number 6 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.09 ng	171205	Chrysene-d12	14.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	89
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heptadecane	240	C17H36	000629-78-7	83
4	Hexacosane	366	C26H54	000630-01-3	81
5	Docosane	310	C22H46	000629-97-0	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

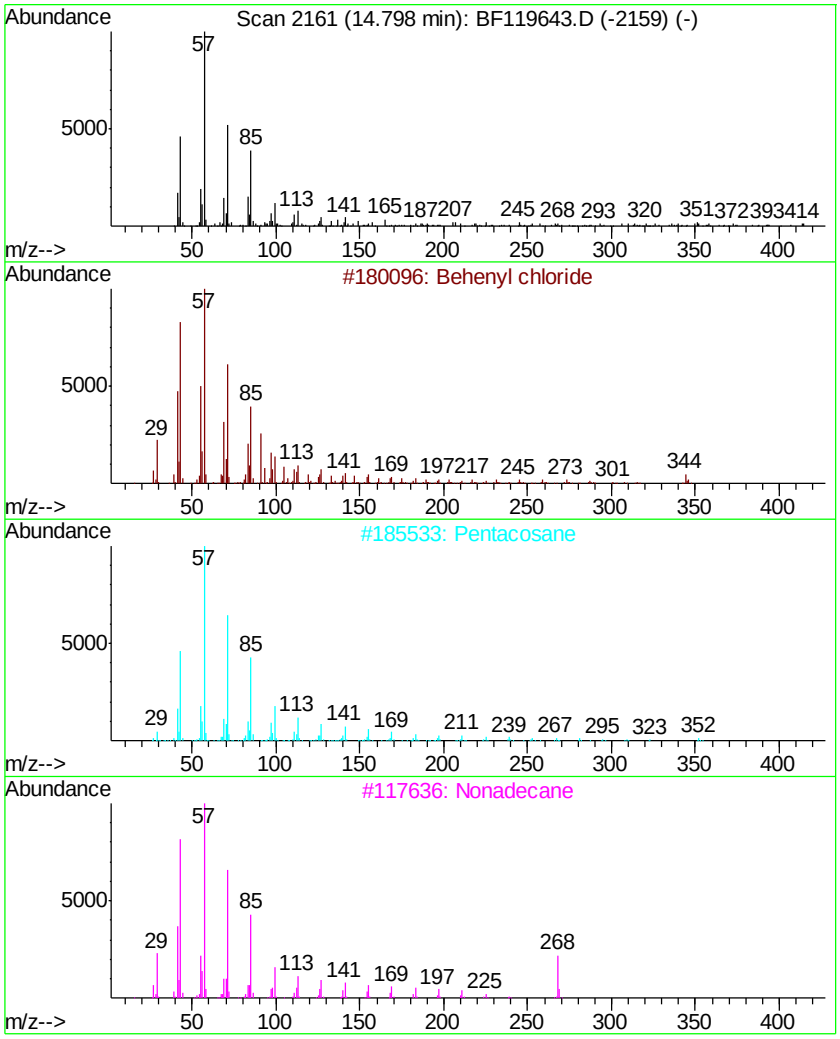
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

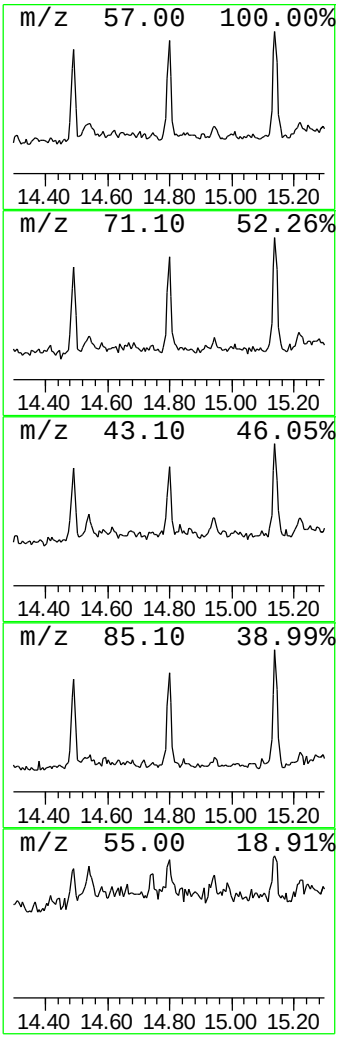
****

Peak Number 7 Behenyl chloride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.91 ng	161498	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenyl chloride	344	C22H45Cl	042217-03-8	91
2	Pentacosane	352	C25H52	000629-99-2	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Docosane	310	C22H46	000629-97-0	87
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

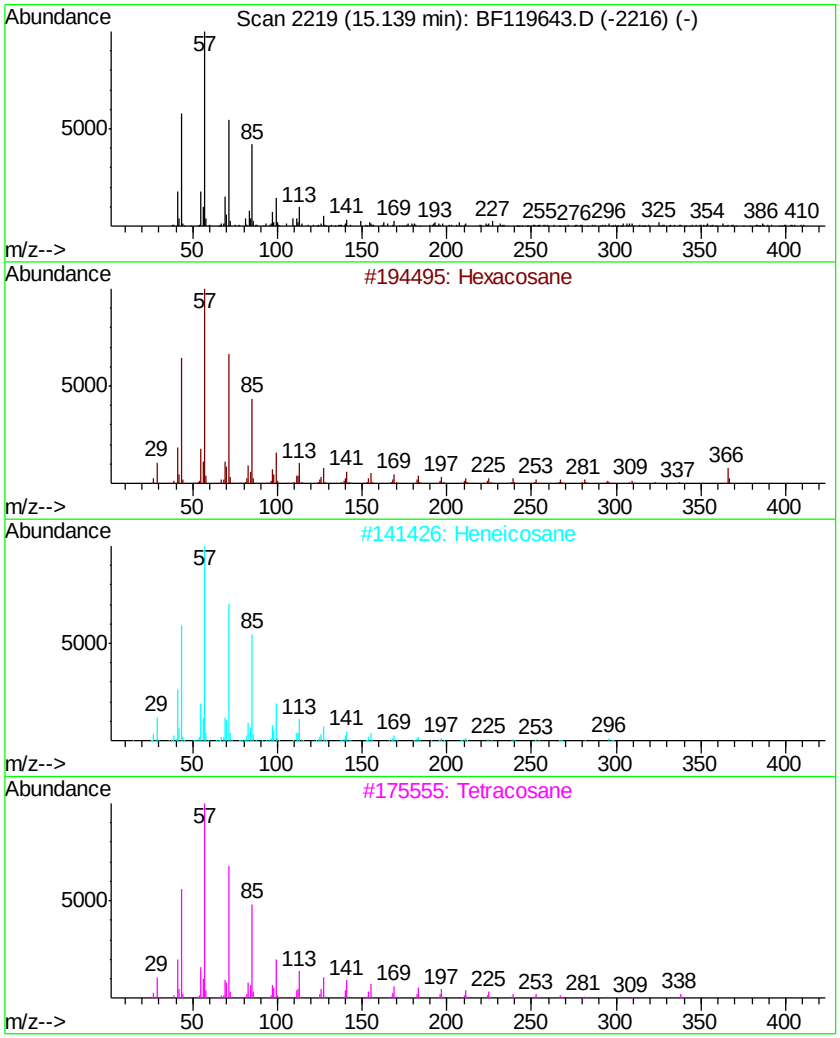
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

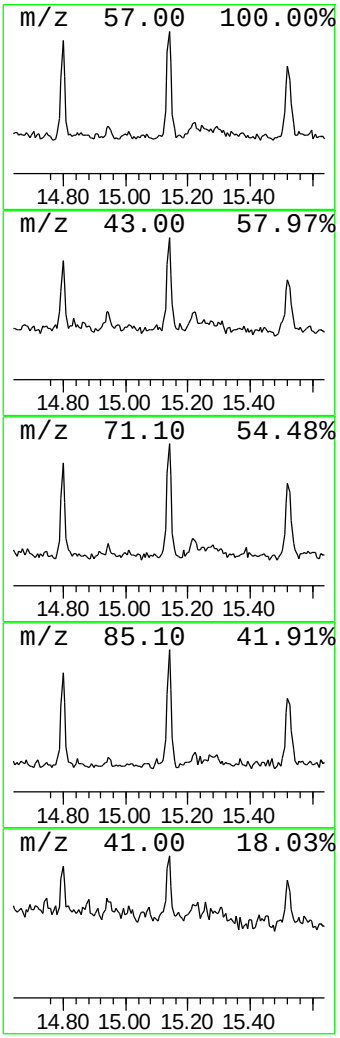
****

Peak Number 8 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	6.34 ng	351446	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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

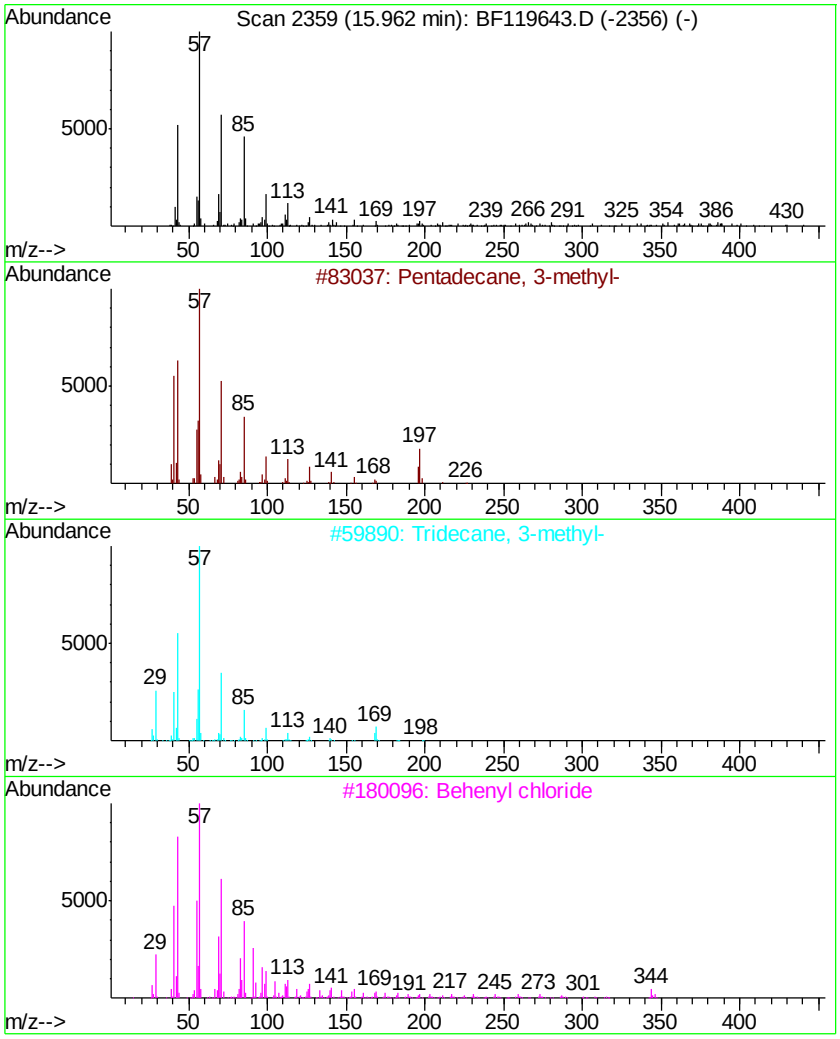
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

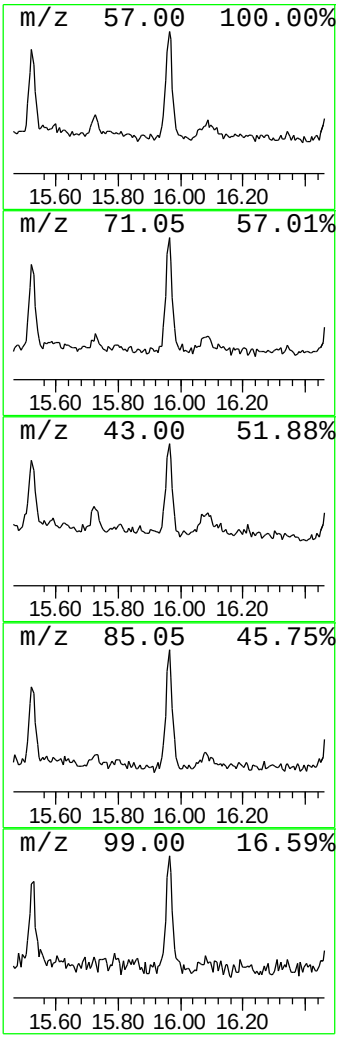
****

Peak Number 9 Pentadecane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	4.85 ng	269003	Perylene-d12	15.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	86
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	78
3	Behenyl chloride	344	C22H45Cl	042217-03-8	78
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	78
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF033020\
Data File : BF119643.D
Acq On : 30 Mar 2020 19:53
Operator : MA/SJ
Sample : L2042-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-02-1.0-1.5

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
Propane, 1,1-dime...	2.21	2.0	ng	170984	1	6.83	1697180	20.0
n-Hexadecanoic acid	11.90	4.4	ng	379969	4	11.37	1720090	20.0
Octadecanoic acid	12.69	2.3	ng	199862	4	11.37	1720090	20.0
1-Docosene	13.89	7.8	ng	636796	5	14.01	1636270	20.0
Octadecane	14.49	2.1	ng	171205	5	14.01	1636270	20.0
Behenyl chloride	14.80	2.9	ng	161498	6	15.48	1109130	20.0
Hexacosane	15.14	6.3	ng	351446	6	15.48	1109130	20.0
Pentadecane, 3-me...	15.96	4.8	ng	269003	6	15.48	1109130	20.0