LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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	2.146	6	10	18	rVB	802563	1031338	9.36%	1.430%
2	5.057	499	505	513	rVB	156300	189193	1.72%	0.262%
3	5.457	568	573	577	rBV	4420419	4439892	40.29%	6.155%
4	6.463	739	744	747	rBV	3079908	2671436	24.24%	3.704%
5	6.675	777	780	786	rVB2	103970	128431	1.17%	0.178%
6	6.851	806	810	814	rBV	2383508	1999638	18.15%	2.772%
7	7.010	832	837	840	rBV	8100064	7839503	71.14%	10.868%
8	7.416	900	906	909	rBV	6249151	6955034	63.11%	9.642%
9	8.139	1024	1029	1032	rBV	2945653	2591219	23.51%	3.592%
10	9.222	1207	1213	1216	rVB	10978180	11020216	100.00%	15.278%
11	9.304	1223	1227	1231	rBV2	71415	111179	1.01%	0.154%
12	9.610	1275	1279	1282	rBV	1168003	927308	8.41%	1.286%
13	9.898	1322	1328	1331	rVB	3363747	2839501	25.77%	3.937%
14	10.233	1381	1385	1390	rVB	235718	218913	1.99%	0.303%
15	10.686	1456	1462	1465	rBV	6727359	7020877	63.71%	9.733%
16	10.810	1480	1483	1488	rBV4	81256	123094	1.12%	0.171%
17	11.098	1529	1532	1535	rBV	692074	514670	4.67%	0.714%
18	11.386	1577	1581	1584	rVB	3273892	2720933	24.69%	3.772%
19	11.916	1666	1671	1683	rBV	1466654	1413416	12.83%	1.960%
20	12.604	1784	1788	1790	rBV2	122525	163375	1.48%	0.226%
21	12.704	1801	1805	1811	rBV	764858	738386	6.70%	1.024%
22	12.980	1846	1852	1855	rBV	9381134	9671039	87.76%	13.408%
23	13.874	2000	2004	2014	rVB	1206286	1231150	11.17%	1.707%
24	14.027	2025	2030	2033	rBV	2183277	2138959	19.41%	2.965%
25	14.198	2056	2059	2063	rVB	164543	158796	1.44%	0.220%
26	14.510	2108	2112	2124	rVB	260629	312121	2.83%	0.433%
27	14.816	2161	2164	2170	rVB	244670	249526	2.26%	0.346%
28	15.163	2219	2223	2229	rVB	240174	304280	2.76%	0.422%
29	15.492	2274	2279	2284	rBV	1378410	1660545	15.07%	2.302%
30	15.551	2284	2289	2294	rVB	182758	251252	2.28%	0.348%
31	15.992	2360	2364	2368	rBV2	124520	186181	1.69%	0.258%
32	16.033	2368	2371	2379	rVB3	107102	186479	1.69%	0.259%
33	17.568	2629	2632	2643	rVB9	53270	123379	1.12%	0.171%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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: 72131259

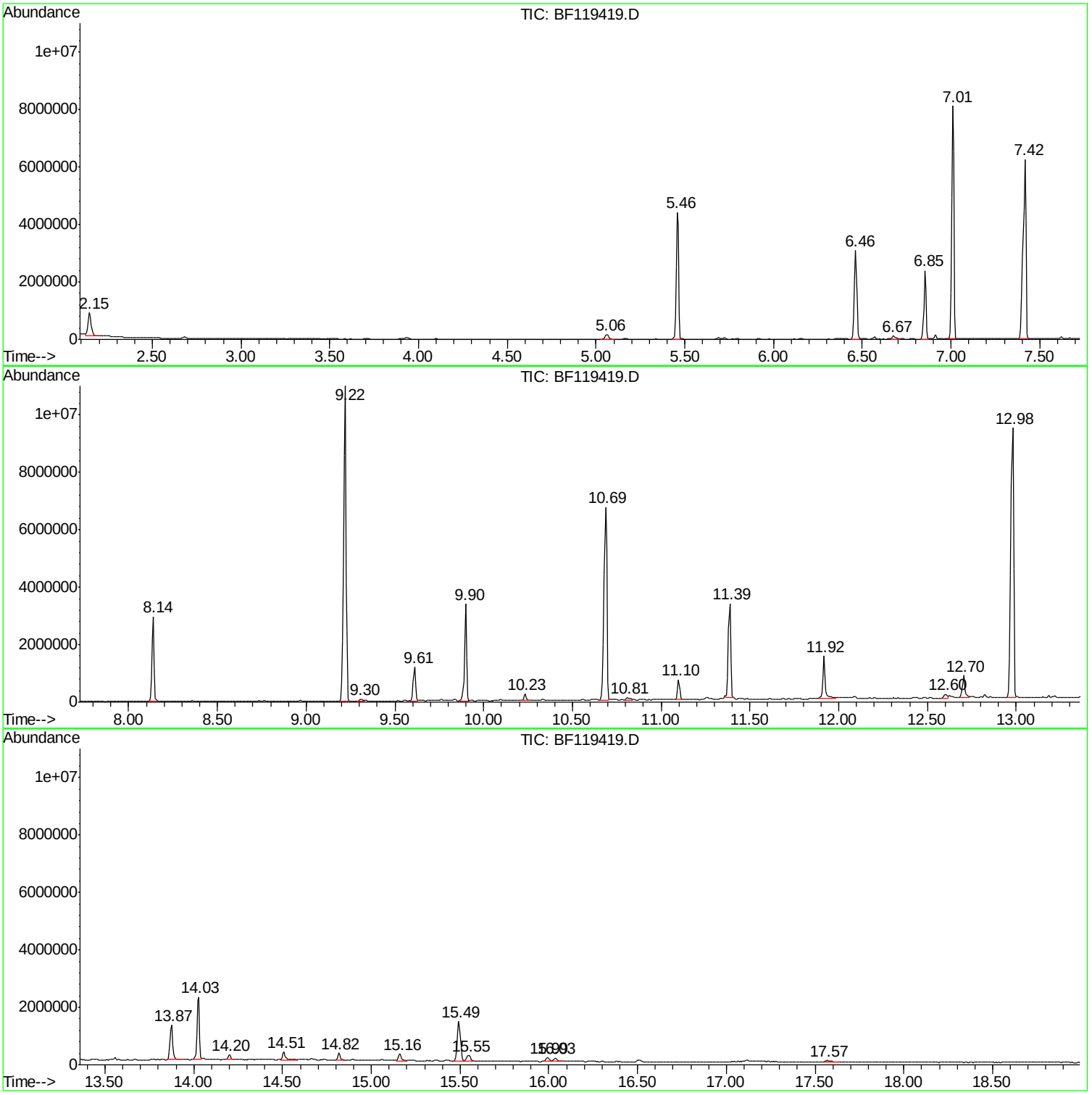
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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 : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

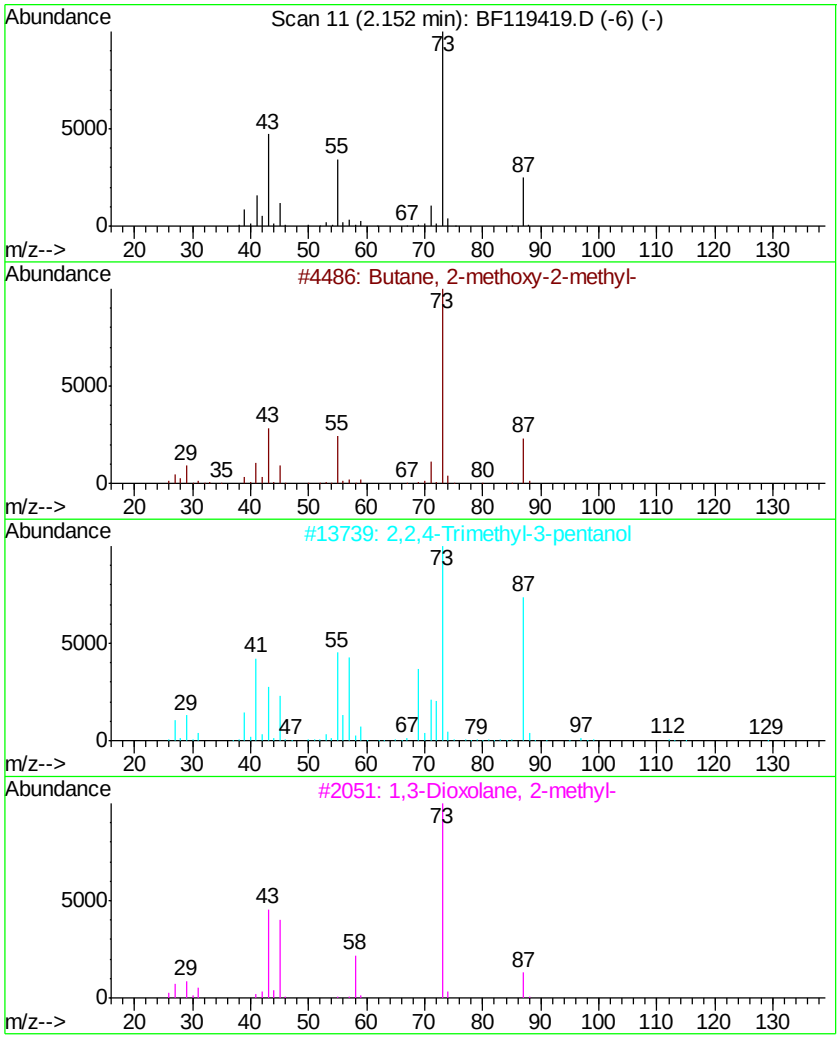
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

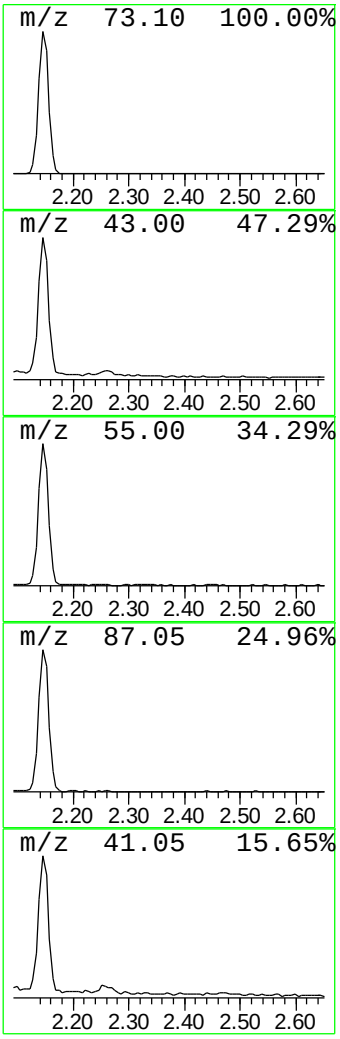
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	10.32 ng	1031340	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

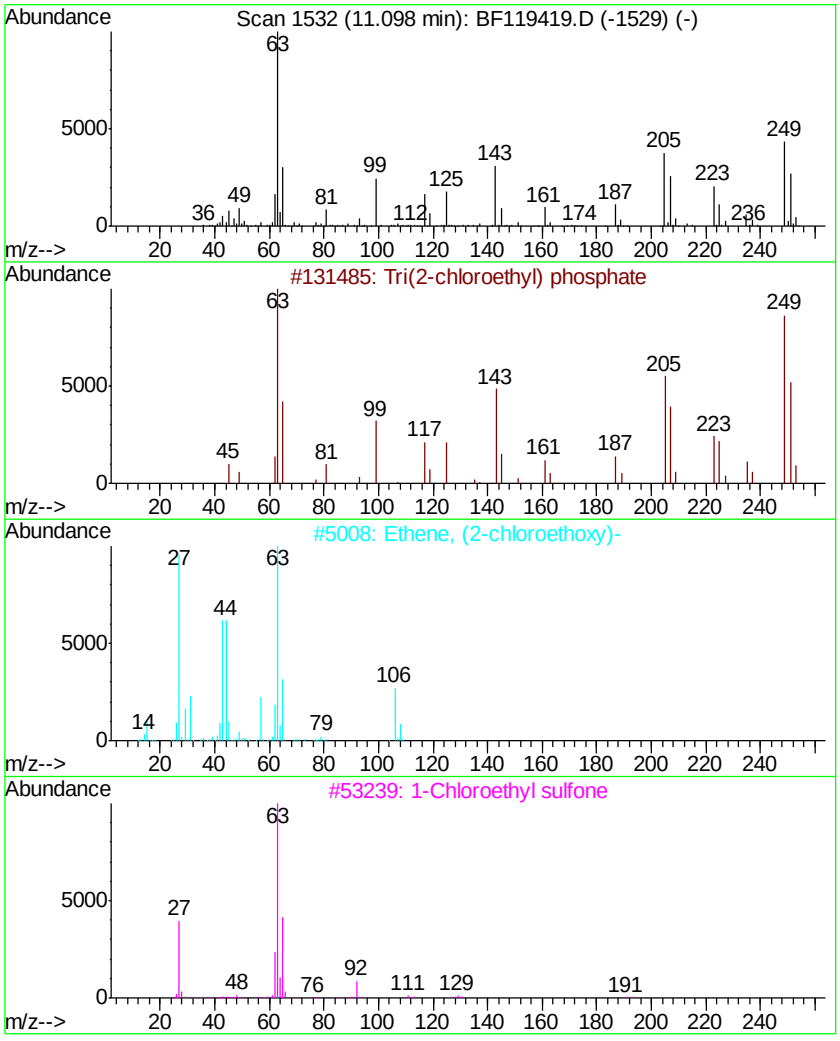
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

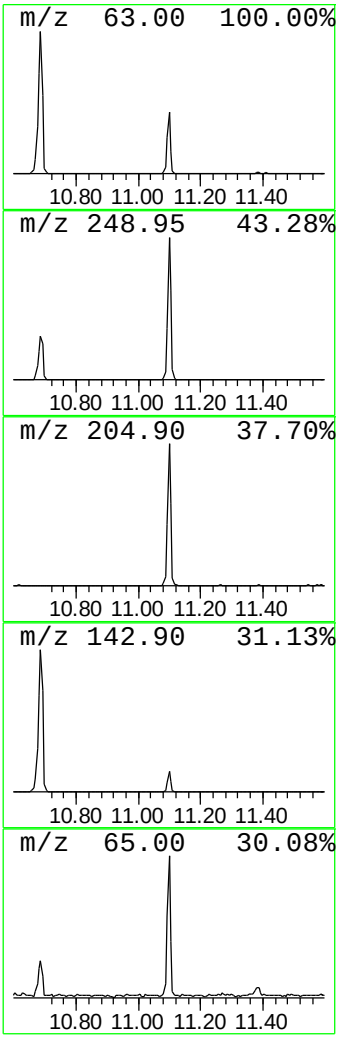
****

Peak Number 3 Tri(2-chloroethyl) phosphate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	3.78 ng	514670	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
2	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	50
3	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	50
4	Carbonochloridic acid, 2-chloroe...	142	C3H4Cl2O2	000627-11-2	47
5	Oxalyl chloride	126	C2Cl2O2	000079-37-8	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

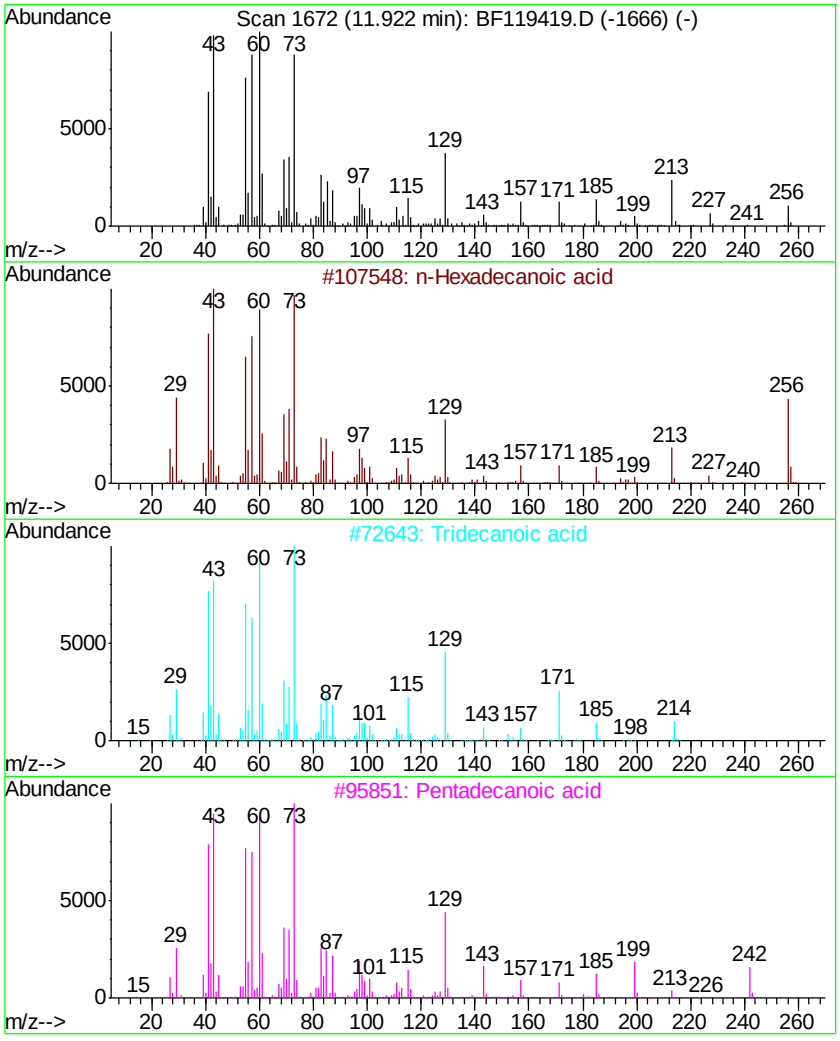
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

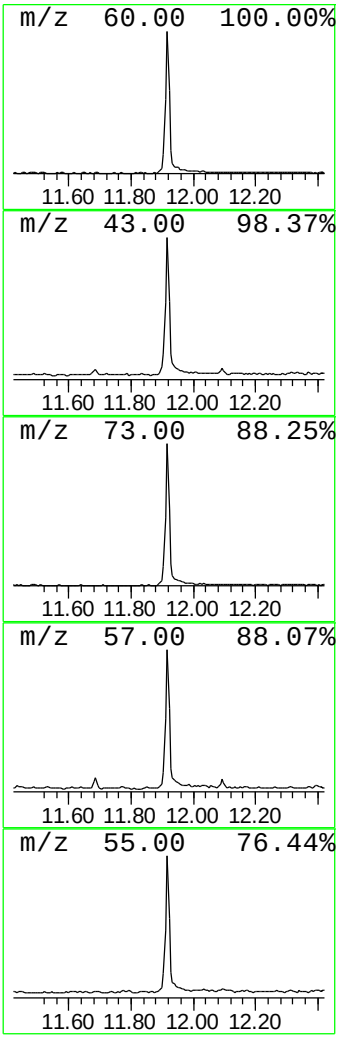
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	10.39 ng	1413420	Phenanthrene-d10	11.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

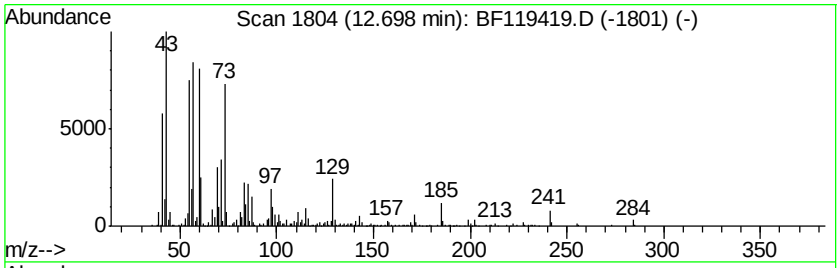
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

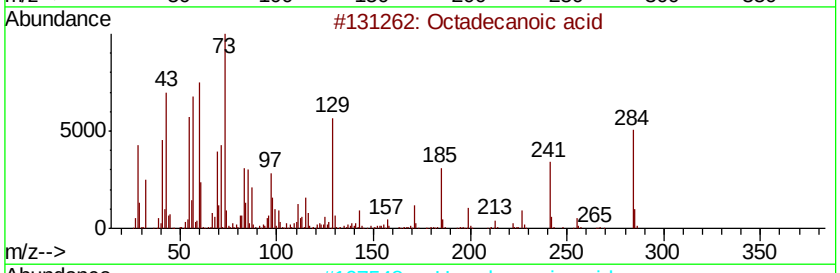
****

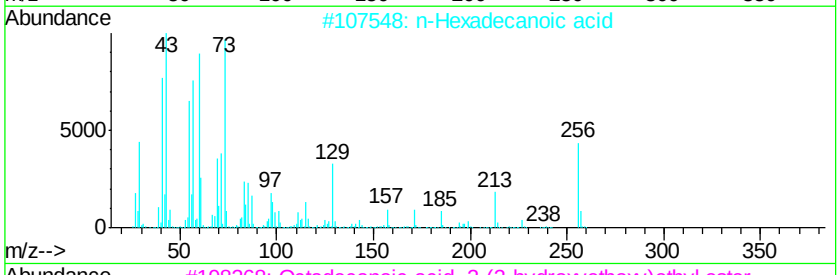
Peak Number 5 Octadecanoic acid Concentration Rank 5

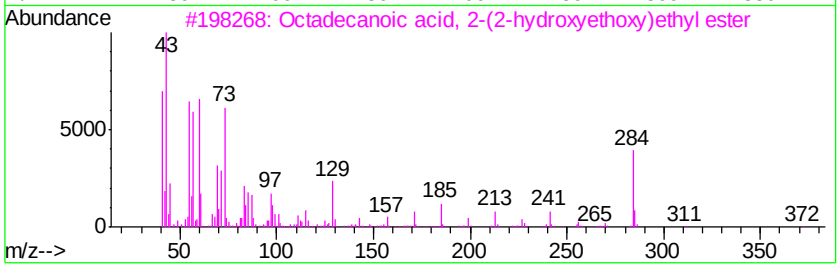
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	5.43 ng	738386	Phenanthrene-d10	11.39

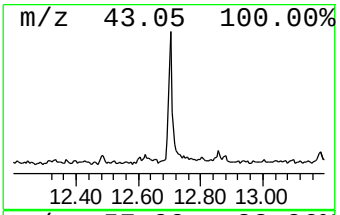
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64

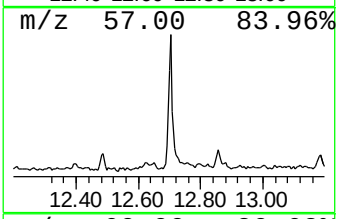


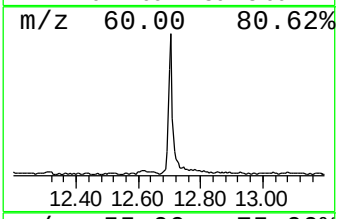


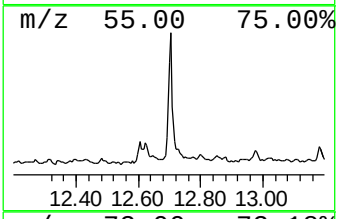


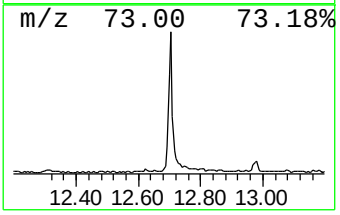












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

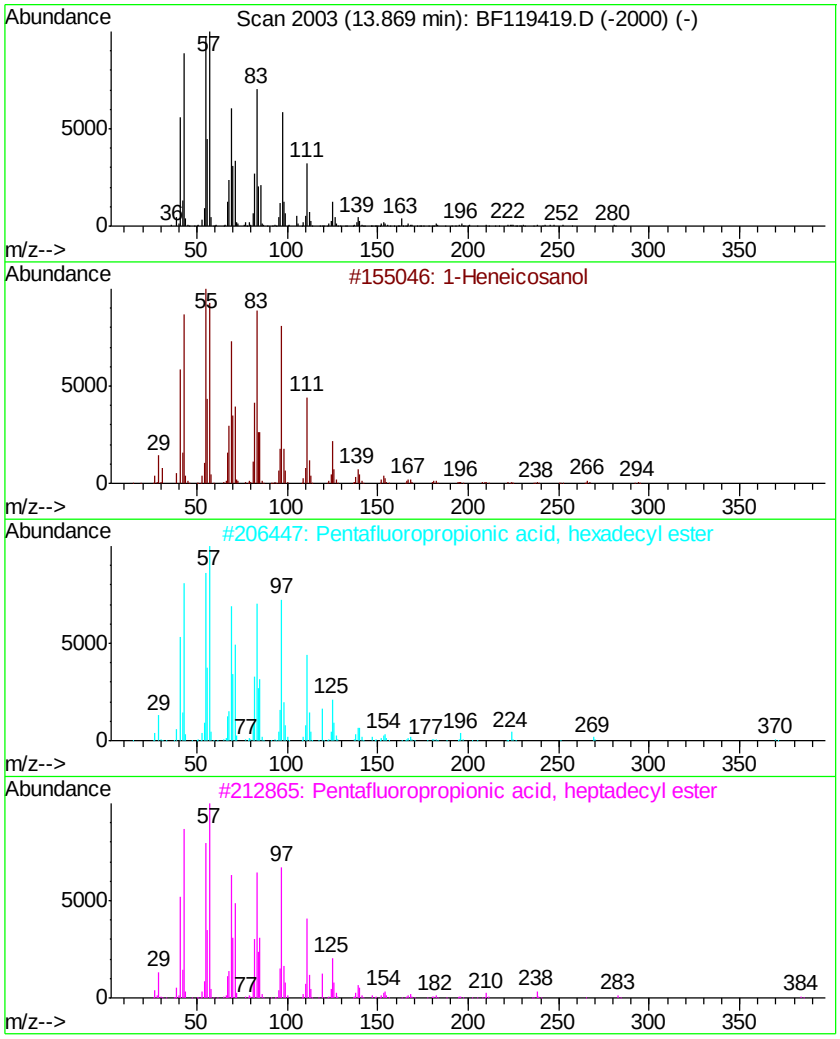
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

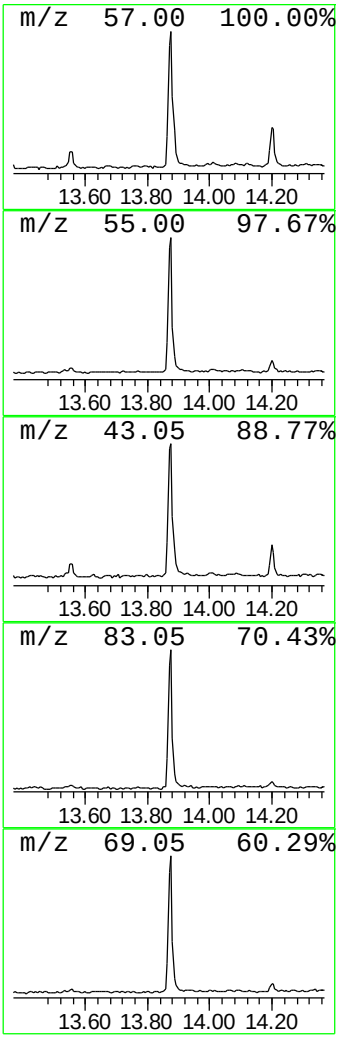
****

Peak Number 6 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	11.51 ng	1231150	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
3	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94
4	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

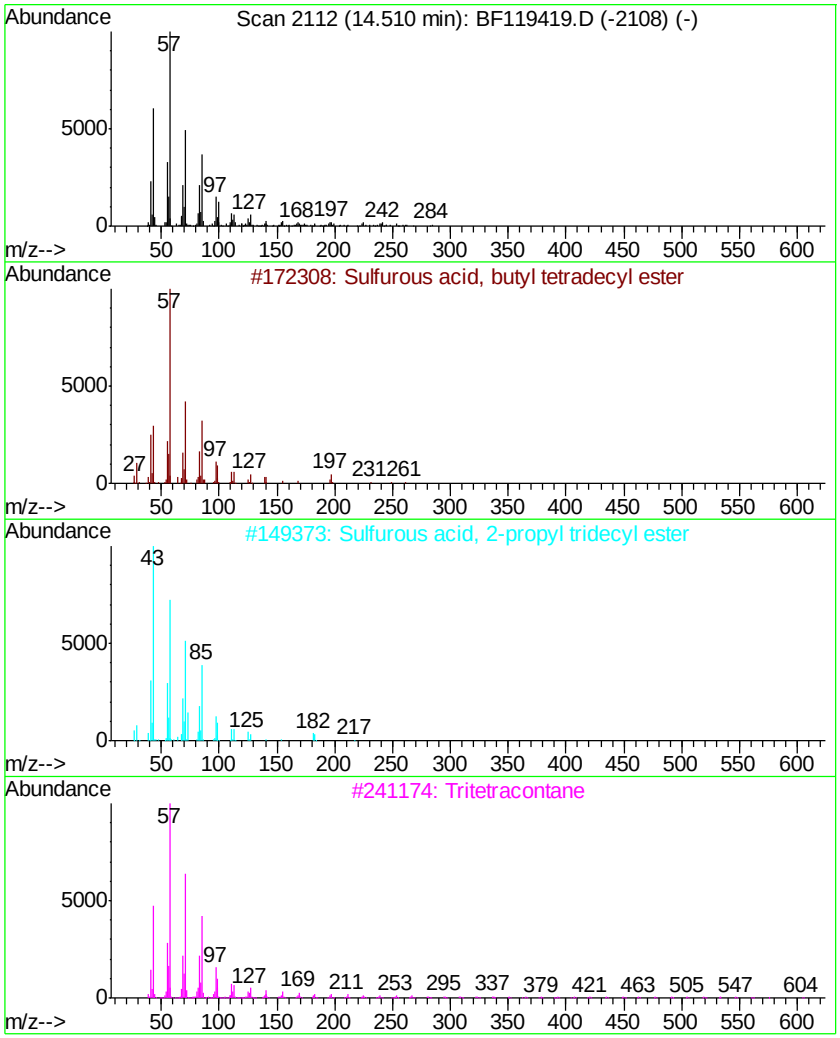
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

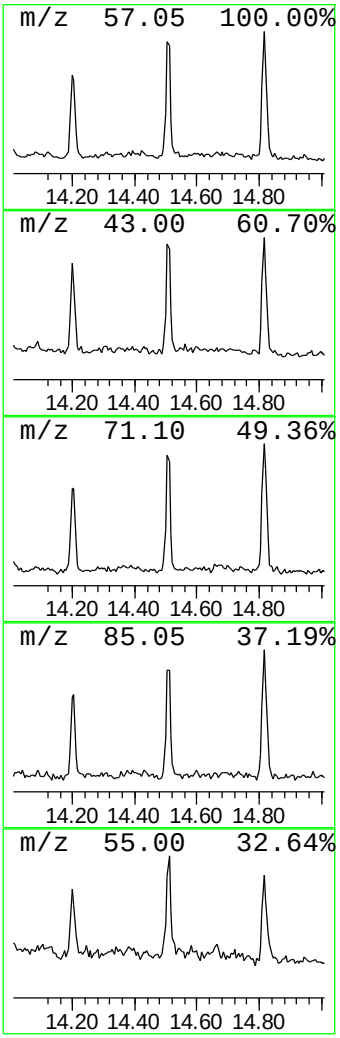
****

Peak Number 7 Sulfurous acid, butyl tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.92 ng	312121	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

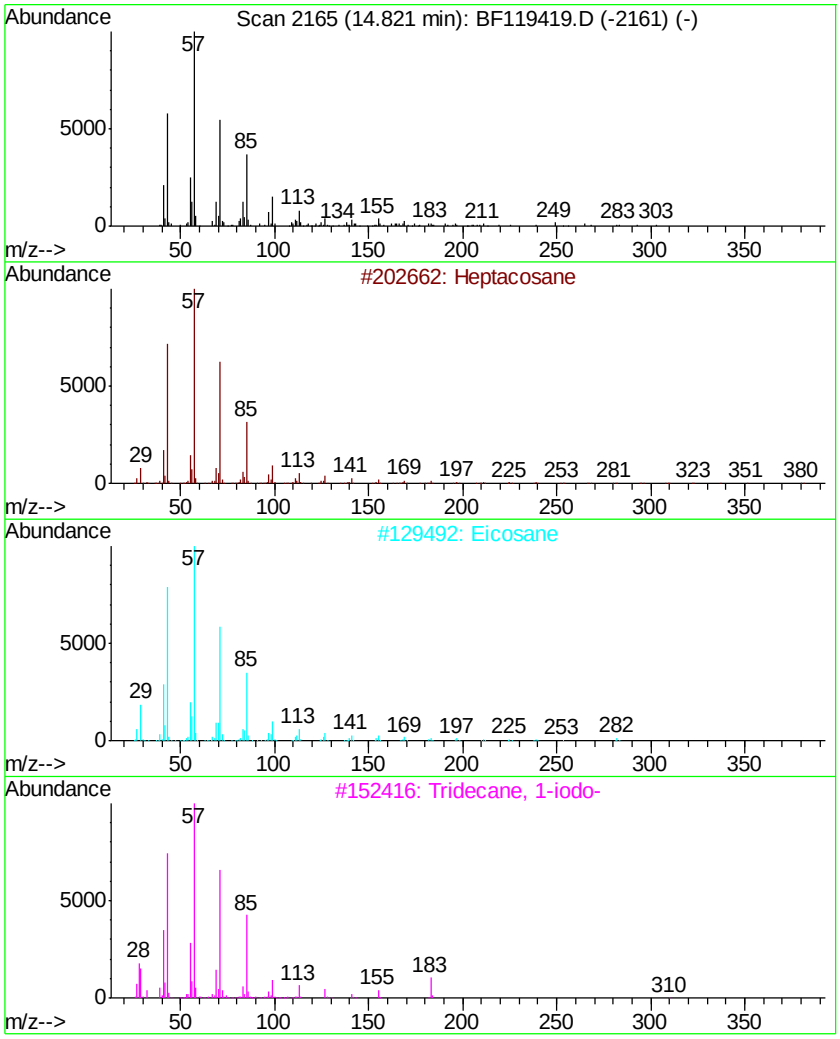
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

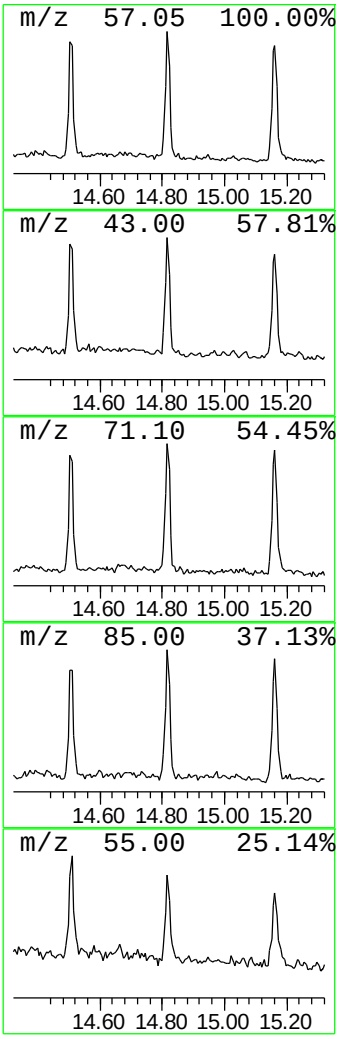
****

Peak Number 8 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.01 ng	249526	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
4	Octadecane, 3-methyl-	268	C19H40	006561-44-0	86
5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

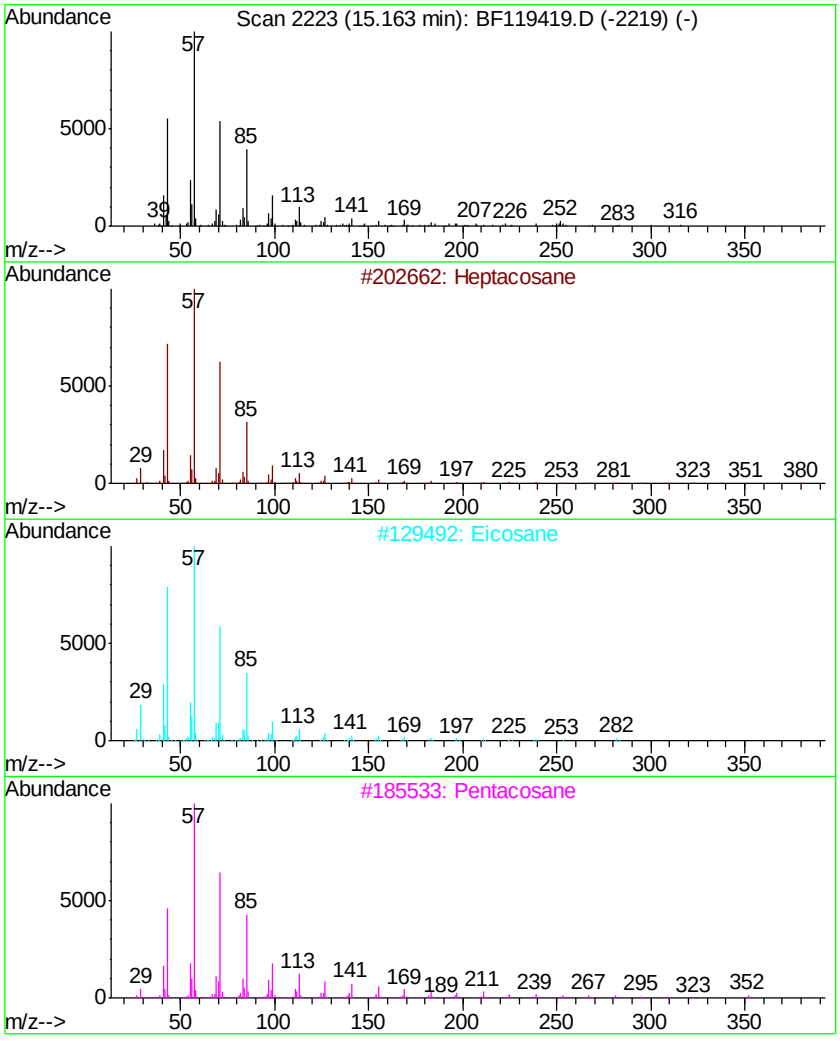
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

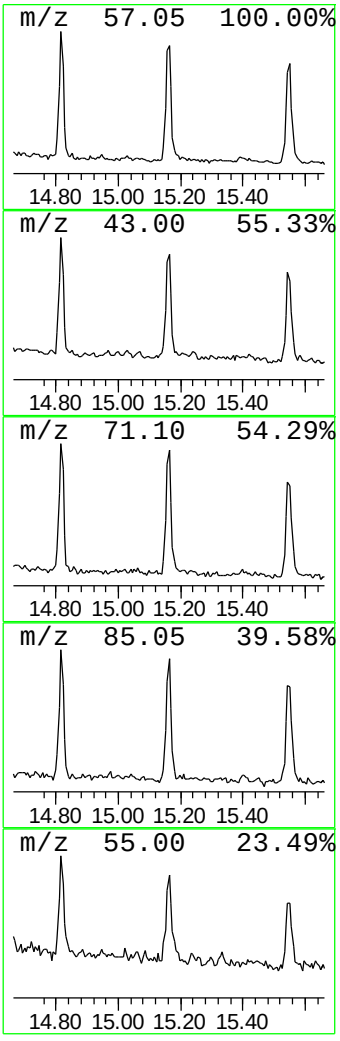
****

Peak Number 9 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	3.66 ng	304280	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Pentacosane	352	C25H52	000629-99-2	86
4	Nonadecane	268	C19H40	000629-92-5	86
5	Octadecane	254	C18H38	000593-45-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

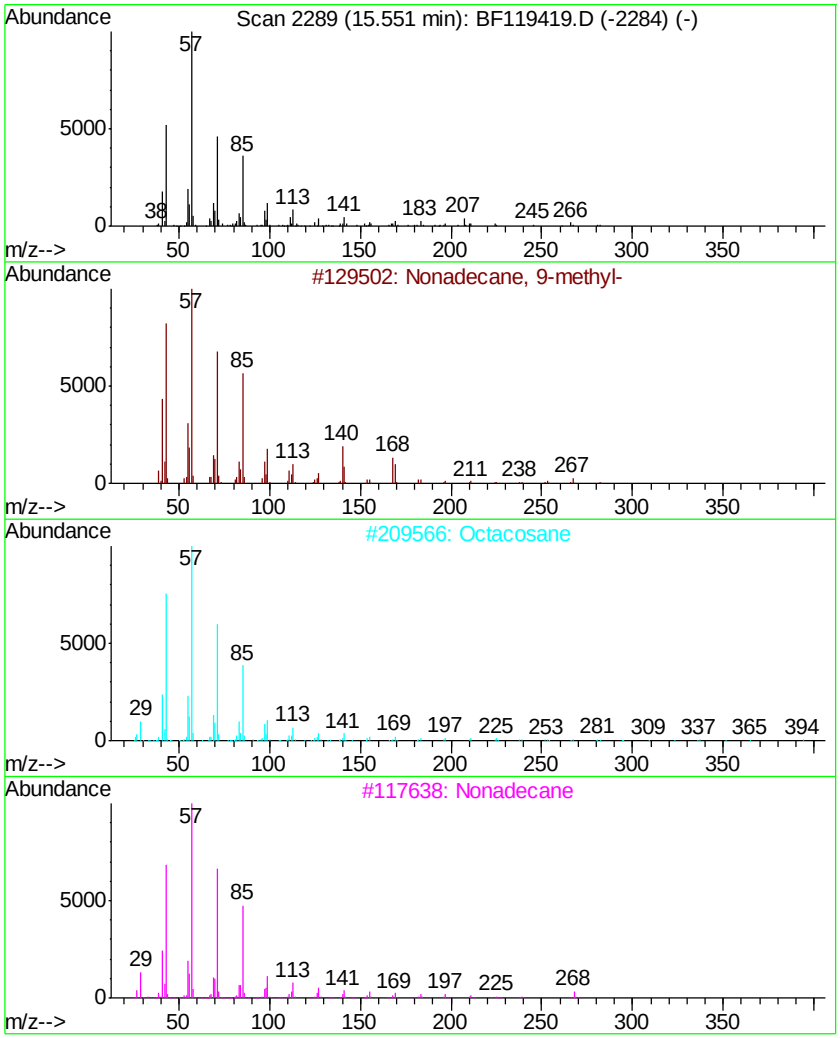
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

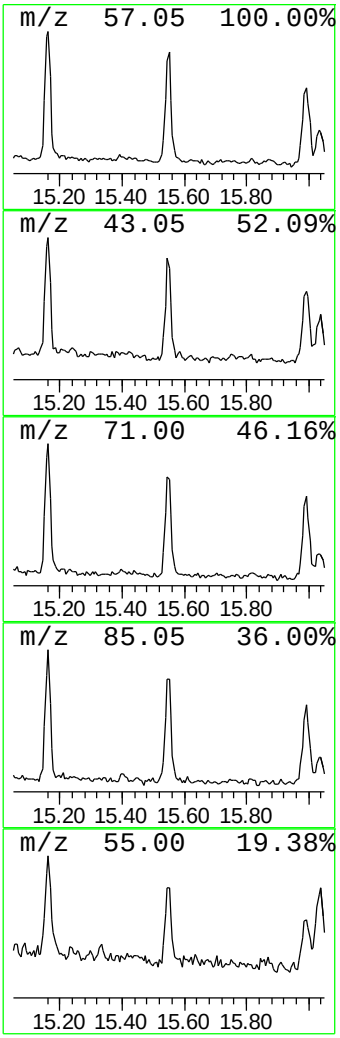
****

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	3.03 ng	251252	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Octacosane	394	C28H58	000630-02-4	87
3	Nonadecane	268	C19H40	000629-92-5	83
4	Hexacosane	366	C26H54	000630-01-3	83
5	Tetratetracontane	619	C44H90	007098-22-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

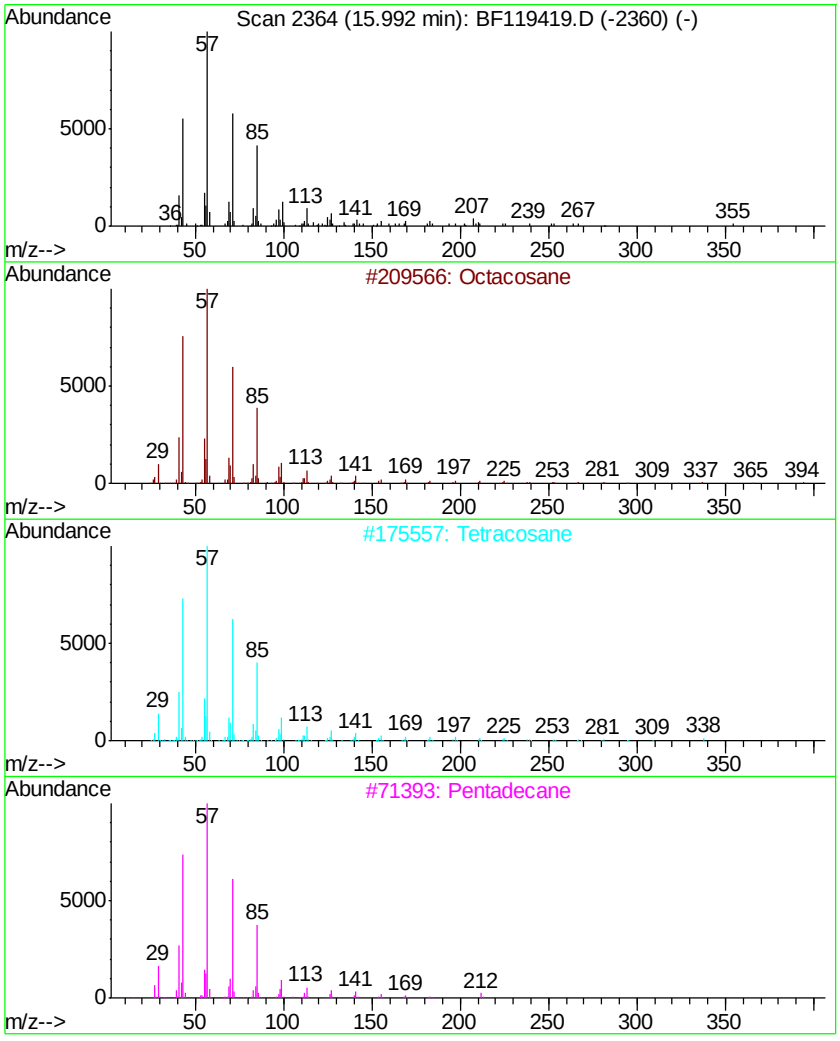
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

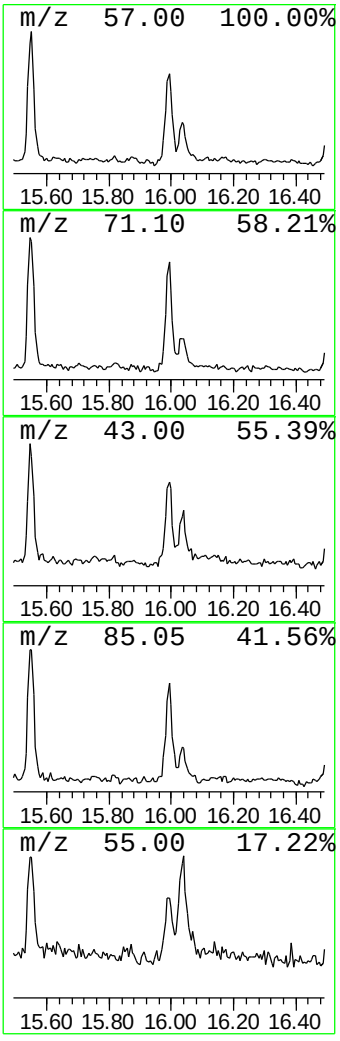
****

Peak Number 11 Octacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.24 ng	186181	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Pentadecane	212	C15H32	000629-62-9	83
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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

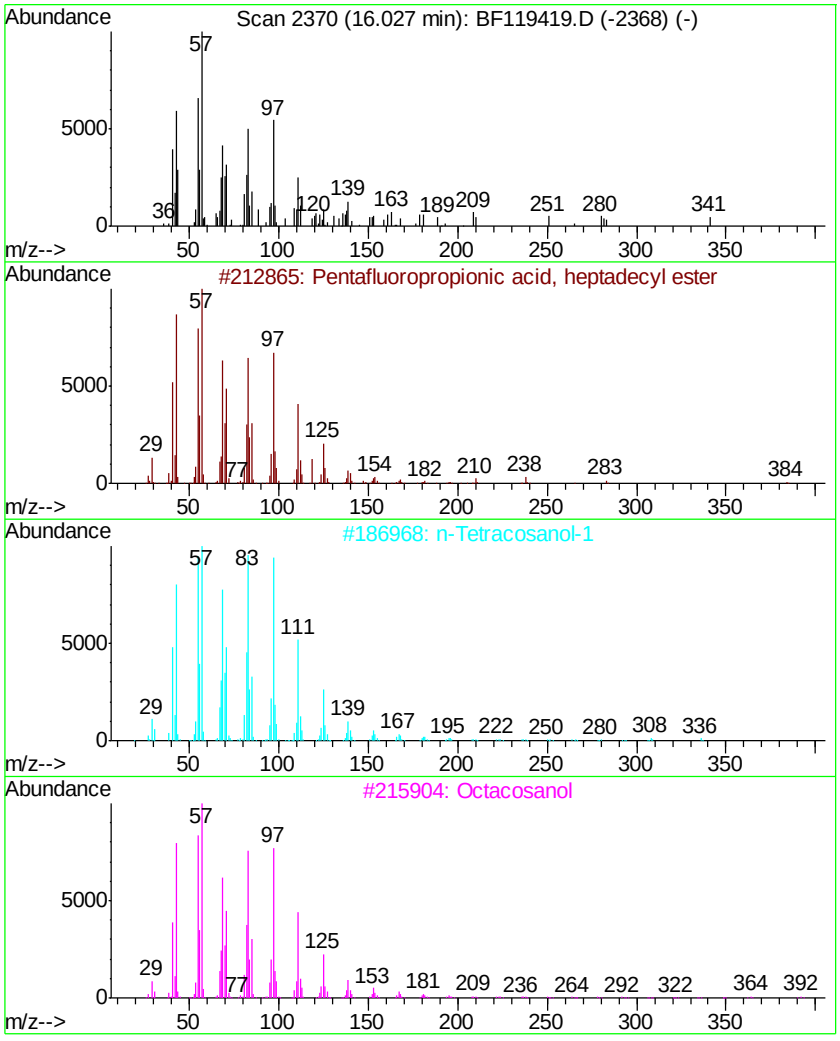
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

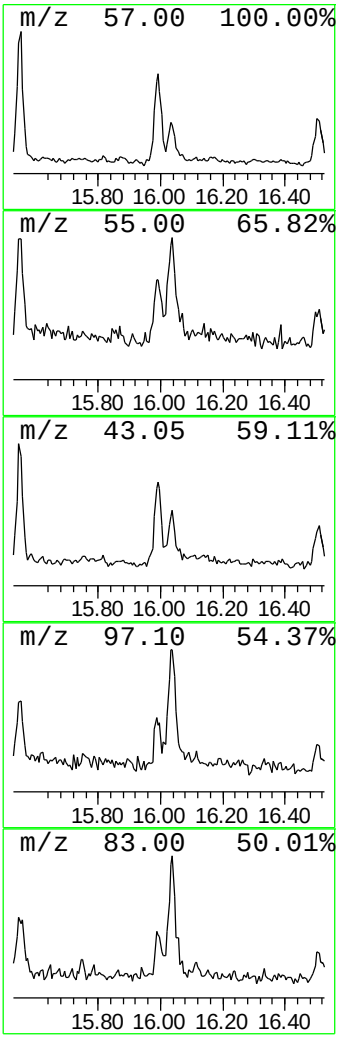
****

Peak Number 12 Pentafluoropropionic acid, ... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	2.25 ng	186479	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	80
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	72
3	Octacosanol	410	C28H58O	000557-61-9	72
4	1,2-Octadecanediol	286	C18H38O2	020294-76-2	72
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031820\
Data File : BF119419.D
Acq On : 18 Mar 2020 17:04
Operator : CG/JU
Sample : L1917-10
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-J

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...	2.15	10.3	ng	1031340	1	6.85	1999640	20.0
Tri(2-chloroethyl...	11.10	3.8	ng	514670	4	11.39	2720930	20.0
n-Hexadecanoic acid	11.92	10.4	ng	1413420	4	11.39	2720930	20.0
Octadecanoic acid	12.70	5.4	ng	738386	4	11.39	2720930	20.0
1-Heneicosanol	13.87	11.5	ng	1231150	5	14.03	2138960	20.0
Sulfurous acid, b...	14.51	2.9	ng	312121	5	14.03	2138960	20.0
Heptacosane	14.82	3.0	ng	249526	6	15.49	1660550	20.0
Eicosane	15.16	3.7	ng	304280	6	15.49	1660550	20.0
Nonadecane, 9-met...	15.55	3.0	ng	251252	6	15.49	1660550	20.0
Octacosane	15.99	2.2	ng	186181	6	15.49	1660550	20.0
Pentafluoropropio...	16.03	2.3	ng	186479	6	15.49	1660550	20.0