LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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	2.193	15	18	33	rVB	100643	167274	2.64%	0.353%
2	5.034	496	501	509	rVB	218798	296992	4.69%	0.626%
3	5.434	563	569	572	rBV	5800369	6071559	95.85%	12.799%
4	6.445	735	741	744	rBV	5291709	5971037	94.27%	12.587%
5	6.816	800	804	807	rBV	1741084	1450061	22.89%	3.057%
6	6.975	826	831	834	rBV	5015130	4741312	74.85%	9.995%
7	7.381	894	900	903	rBV	3903078	3873897	61.16%	8.166%
8	8.098	1018	1022	1025	rBV	2368953	1814047	28.64%	3.824%
9	9.181	1200	1206	1209	rBV	6552679	6334255	100.00%	13.352%
10	9.569	1268	1272	1275	rBV	905532	657470	10.38%	1.386%
11	9.857	1317	1321	1324	rVB	2222429	1835474	28.98%	3.869%
12	10.645	1450	1455	1458	rBV	3936576	3368786	53.18%	7.101%
13	11.339	1569	1573	1577	rBV	1788434	1587830	25.07%	3.347%
14	11.869	1660	1663	1672	rBV	496180	490827	7.75%	1.035%
15	12.657	1794	1797	1803	rBV	150102	173196	2.73%	0.365%
16	12.751	1810	1813	1816	rBV	98699	90806	1.43%	0.191%
17	12.933	1839	1844	1847	rBV	4694947	4446970	70.21%	9.374%
18	13.463	1931	1934	1937	rBV	61003	68220	1.08%	0.144%
19	13.833	1993	1997	2009	rBV	496725	765727	12.09%	1.614%
20	13.980	2018	2022	2027	rBV	1307816	1122301	17.72%	2.366%
21	14.151	2049	2051	2057	rVB	110556	112028	1.77%	0.236%
22	14.457	2100	2103	2107	rBV	179763	196640	3.10%	0.415%
23	14.763	2152	2155	2159	rVB	151940	146954	2.32%	0.310%
24	15.098	2209	2212	2216	rBV	163491	183443	2.90%	0.387%
25	15.439	2265	2270	2274	rBV	884463	1076774	17.00%	2.270%
26	15.480	2274	2277	2281	rVB	152356	204851	3.23%	0.432%
27	15.910	2347	2350	2356	rVB3	127582	190437	3.01%	0.401%

Sum of corrected areas: 47439168

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
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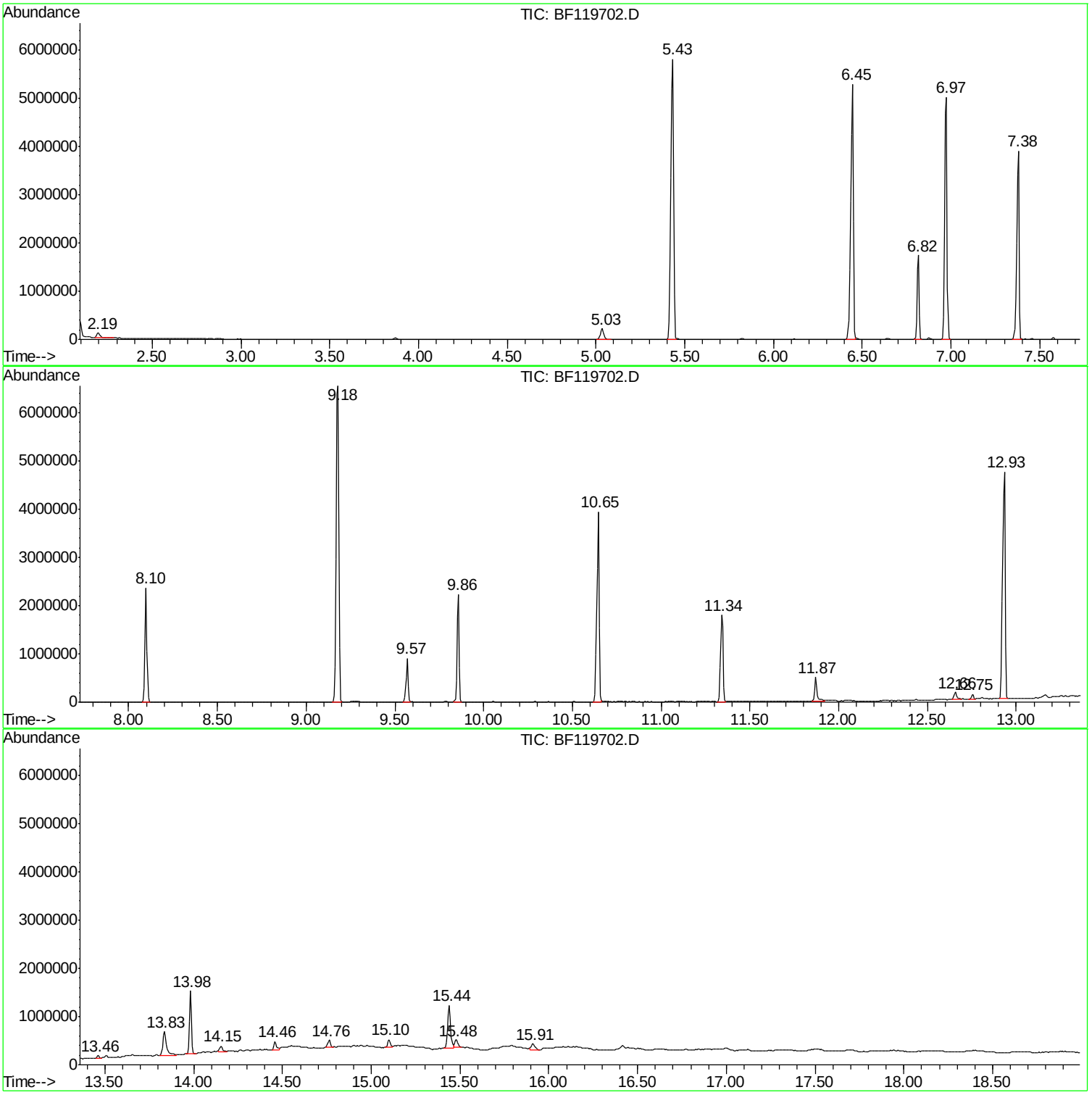
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RO-1-2-TP

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
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Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

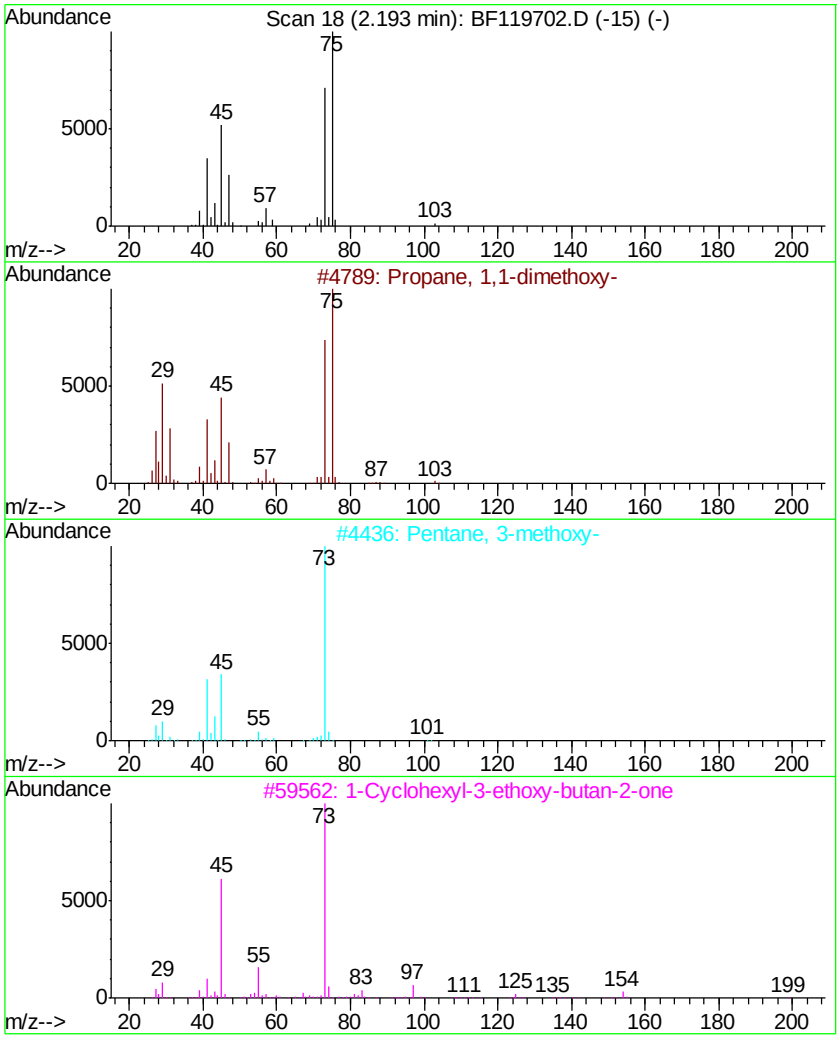
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

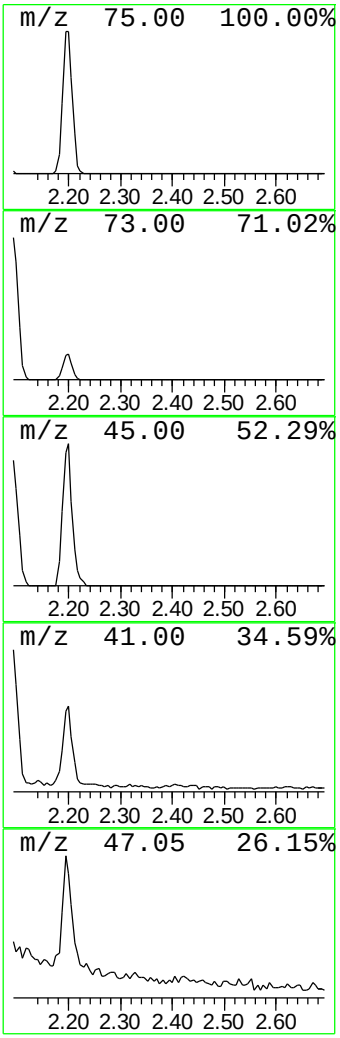
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.31 ng	167274	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	1-Cyclohexyl-3-ethoxy-butan-2-one	198	C12H22O2	074897-69-1	12
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	10
5	2-Propanol, 1,3-dimethoxy-	120	C5H12O3	000623-69-8	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

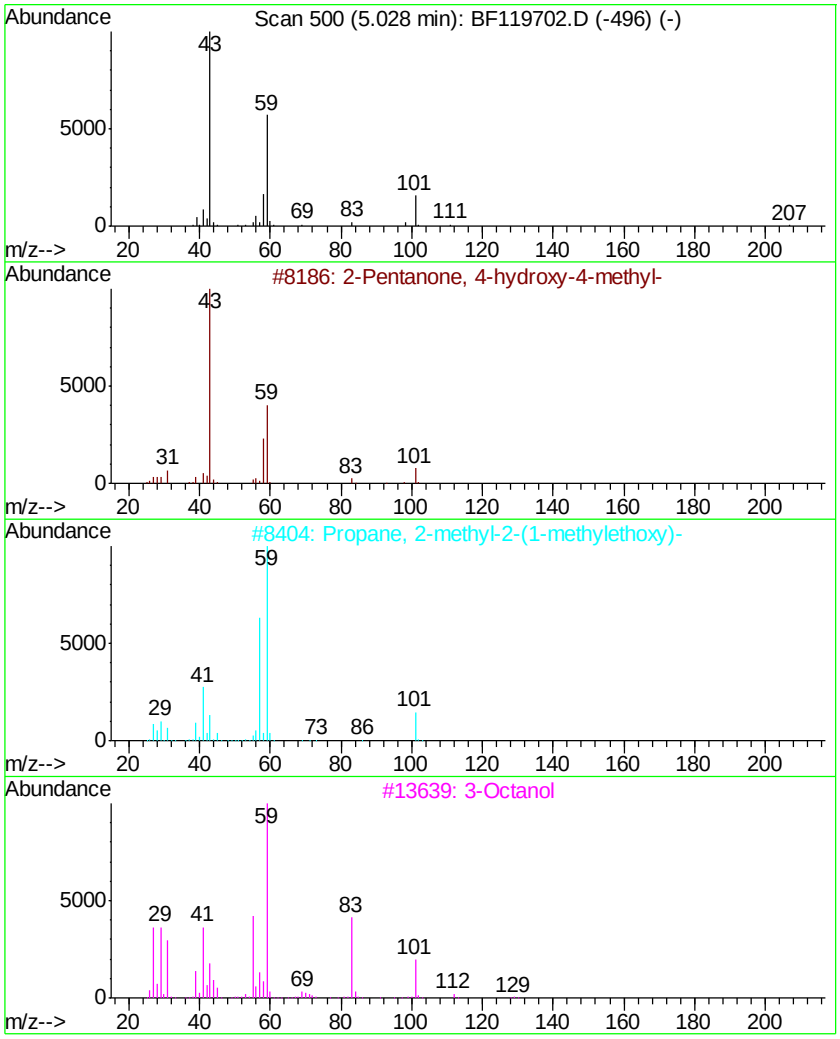
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

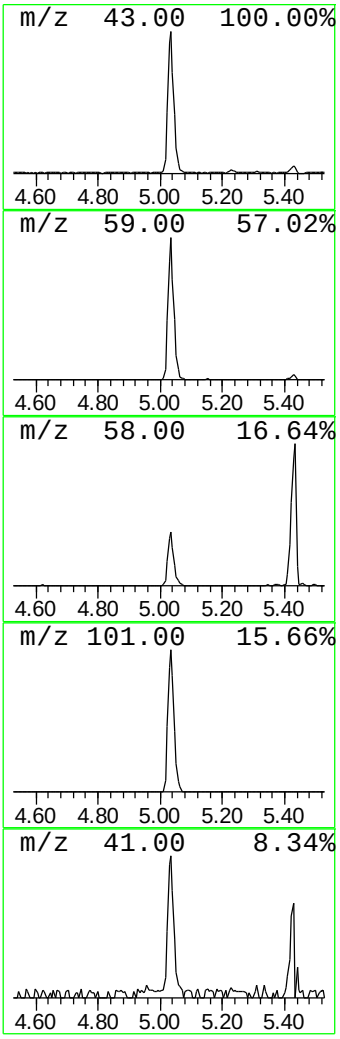
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	4.10 ng	296992	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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
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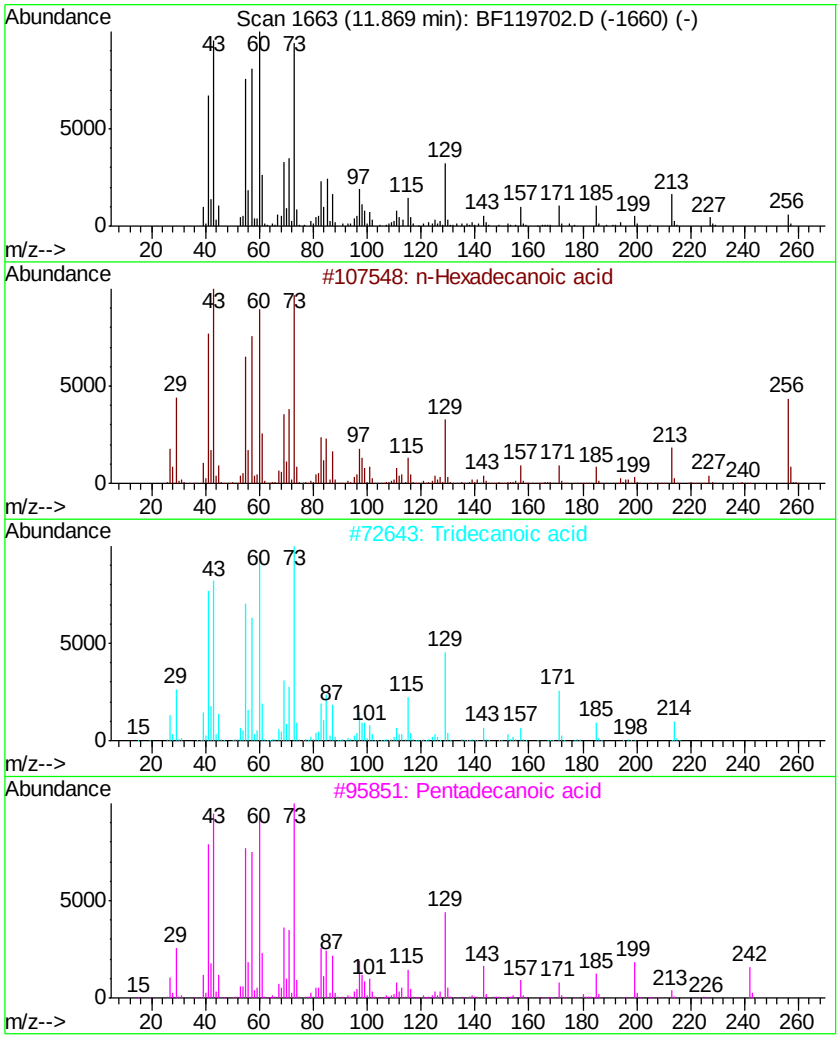
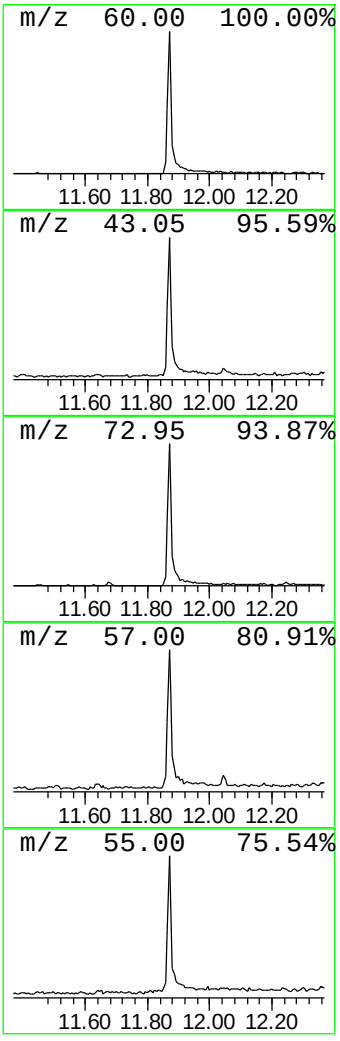
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	6.18 ng	490827	Phenanthrene-d10	11.34

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	n-Decanoic acid	172	C10H20O2	000334-48-5	78
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	78





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

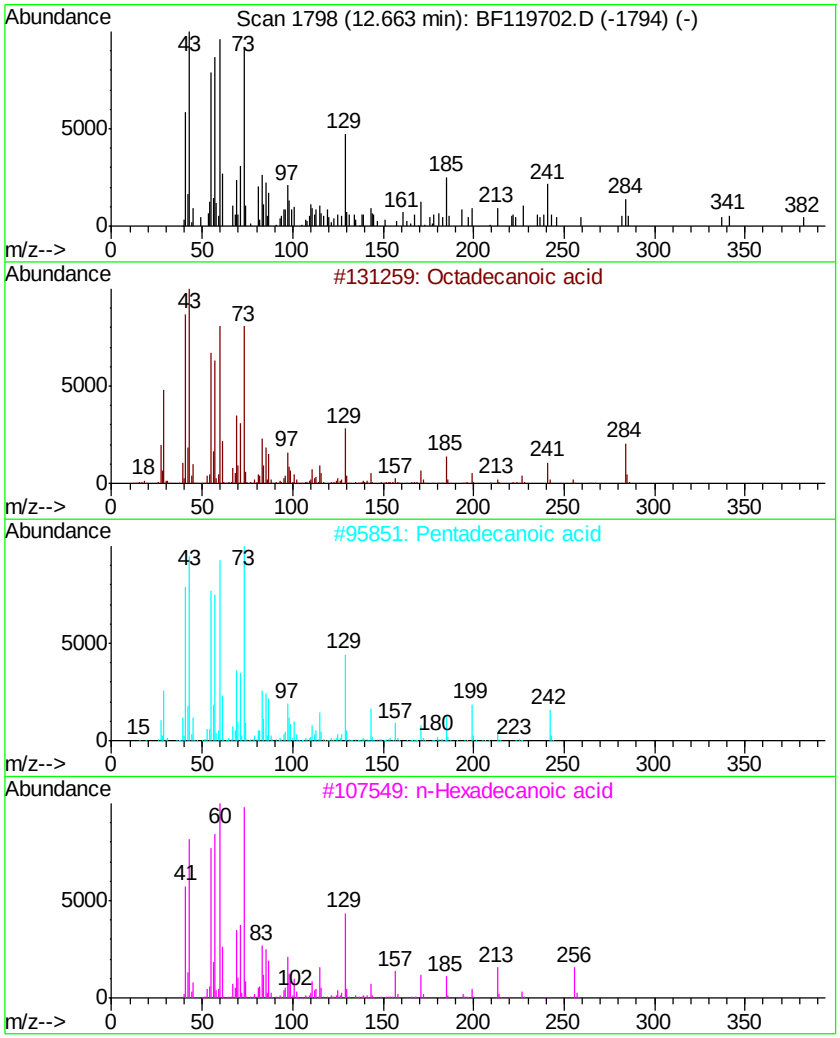
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

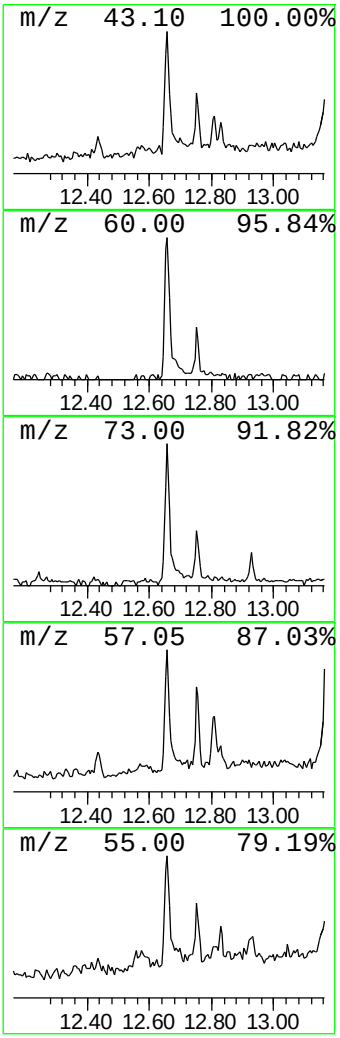
****

Peak Number 5 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	2.18 ng	173196	Phenanthrene-d10	11.34

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	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

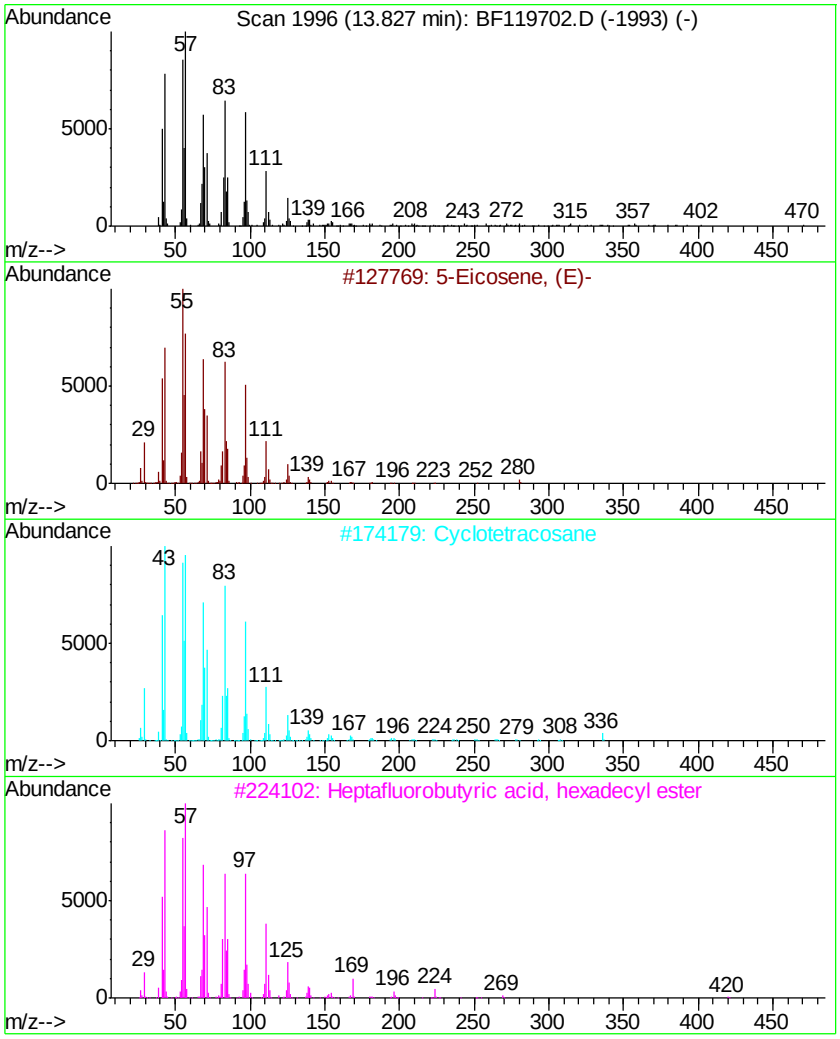
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

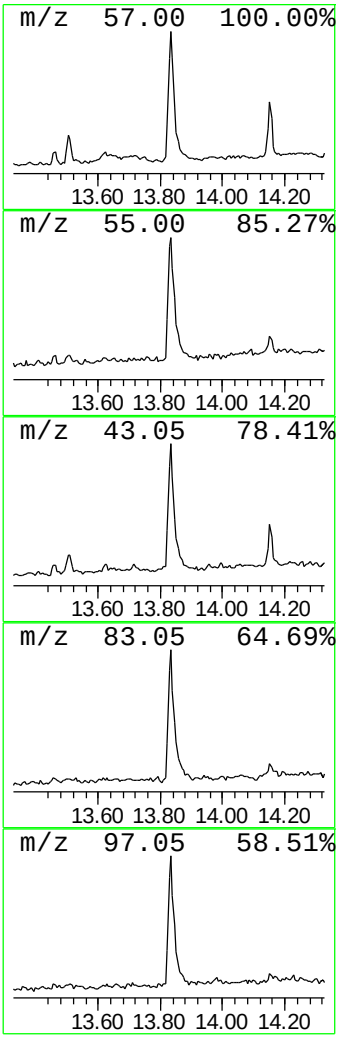
****

Peak Number 6 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	13.65 ng	765727	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	1-Hexacosene	364	C26H52	018835-33-1	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

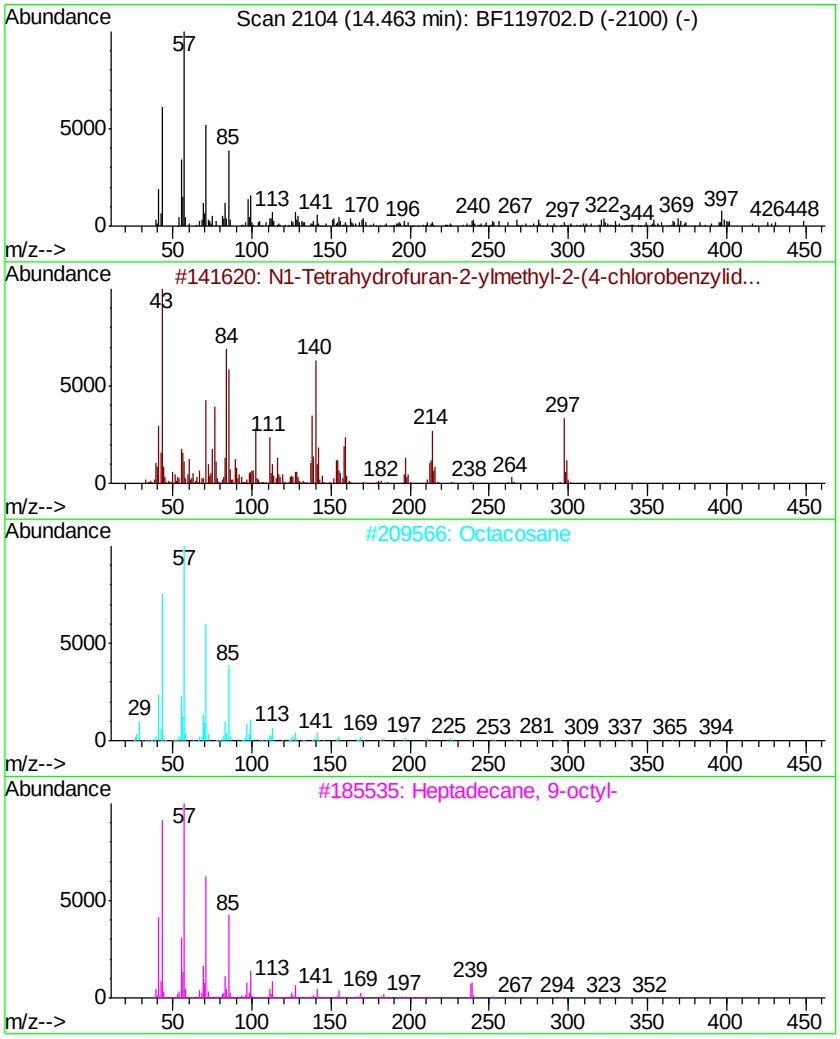
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

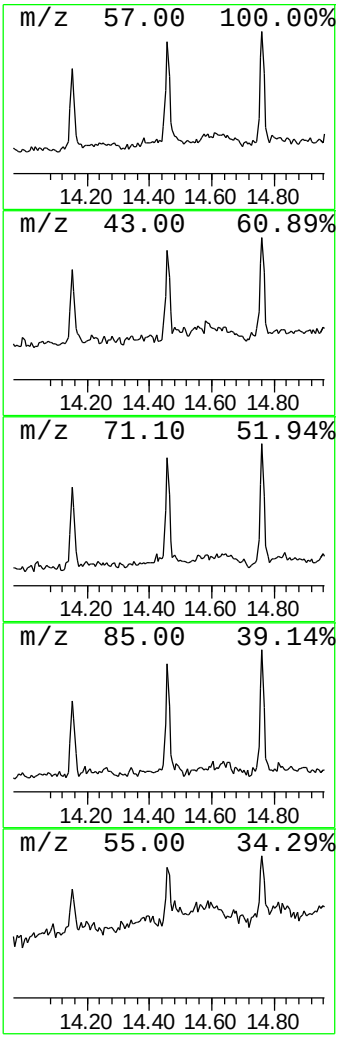
****

Peak Number 7 N1-Tetrahydrofuran-2-ylmeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	3.50 ng	196640	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N1-Tetrahydrofuran-2-ylmethyl-2-...	297	C13H16ClN3OS	283155-62-4	91
2	Octacosane	394	C28H58	000630-02-4	89
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	70
4	Eicosane	282	C20H42	000112-95-8	70
5	Tetracosane	338	C24H50	000646-31-1	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

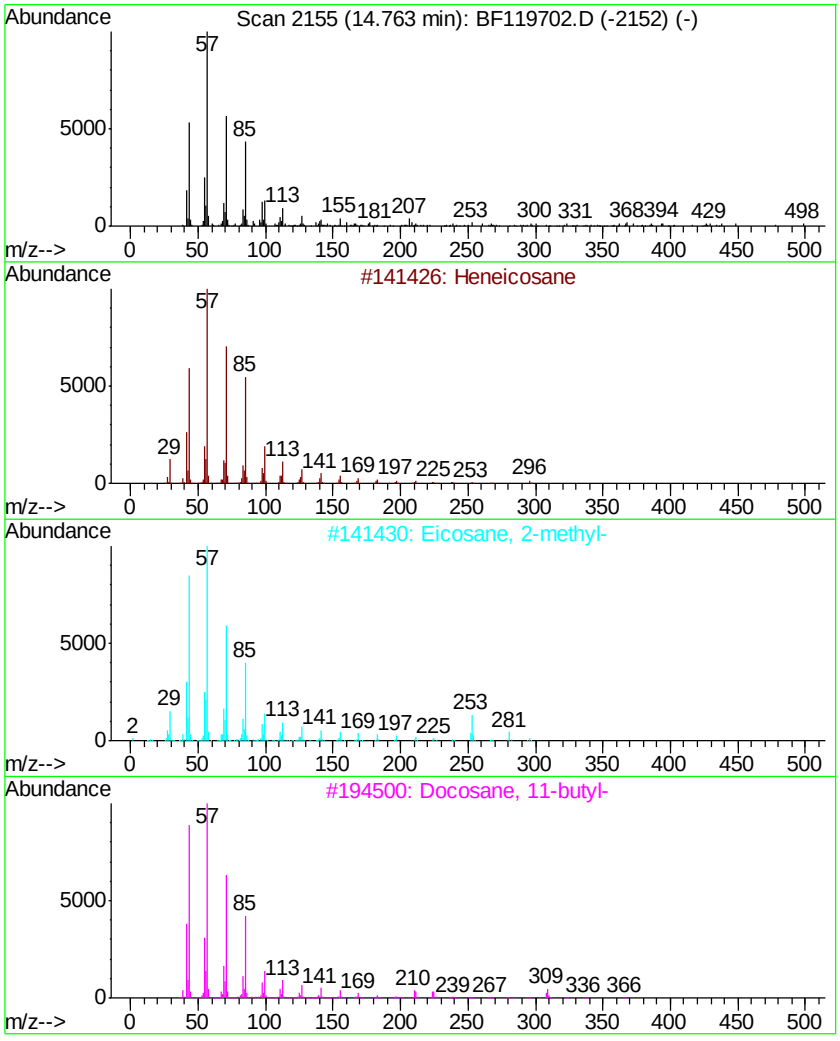
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

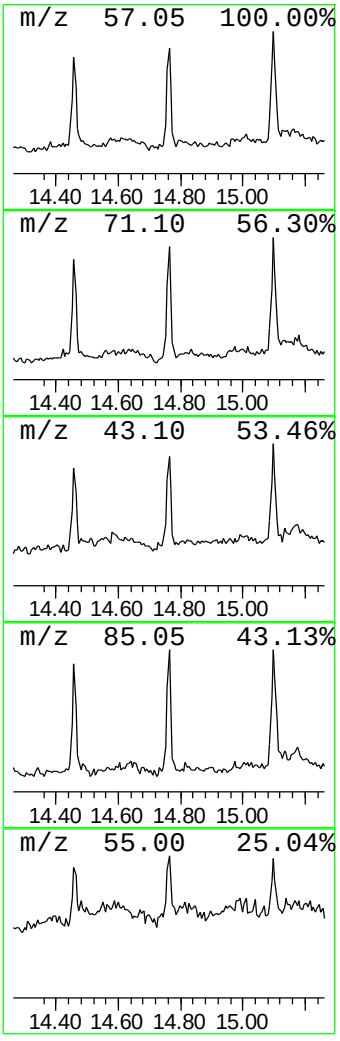
****

Peak Number 8 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	2.73 ng	146954	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4	Tetratriacontane	479	C34H70	014167-59-0	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
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Operator : MA/SJ
Sample : L2096-01
Misc :
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Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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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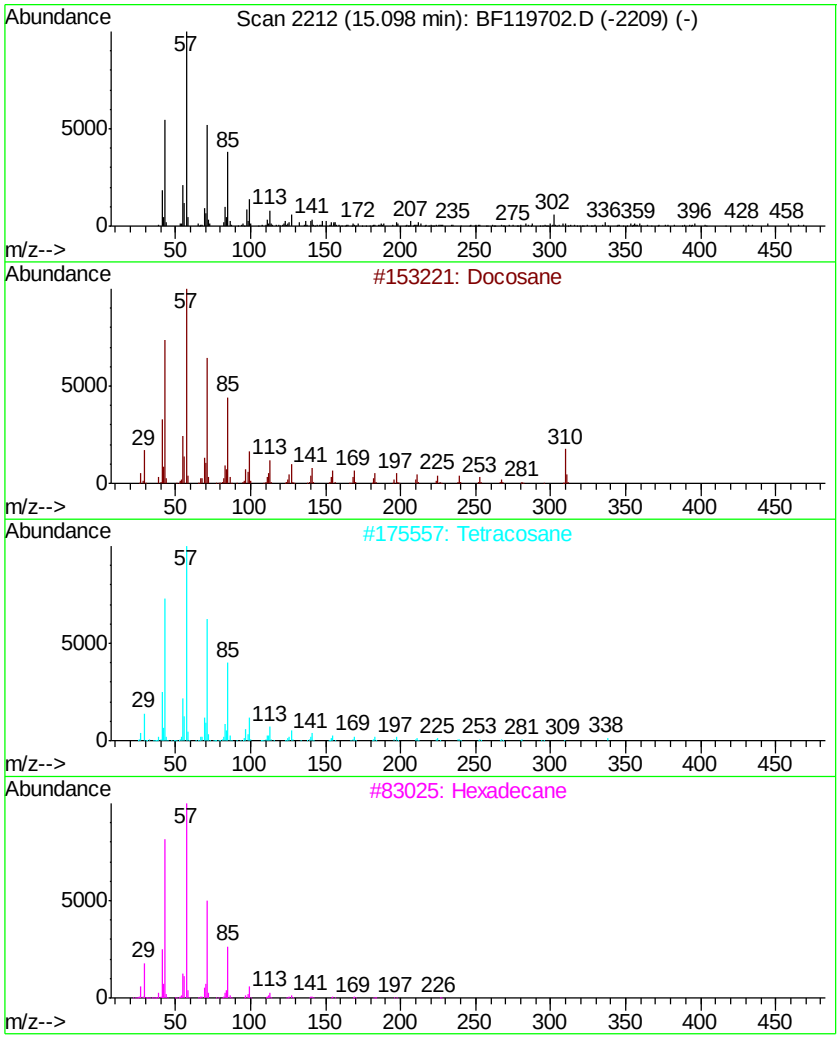
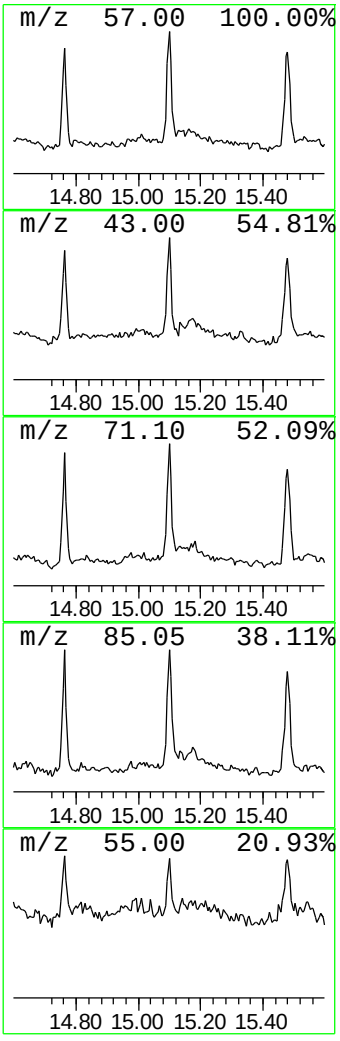
Peak Number 9 Docosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.41 ng	183443	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Hexadecane	226	C16H34	000544-76-3	81
4	Heptacosane	380	C27H56	000593-49-7	80
5	Octadecane	254	C18H38	000593-45-3	80





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Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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

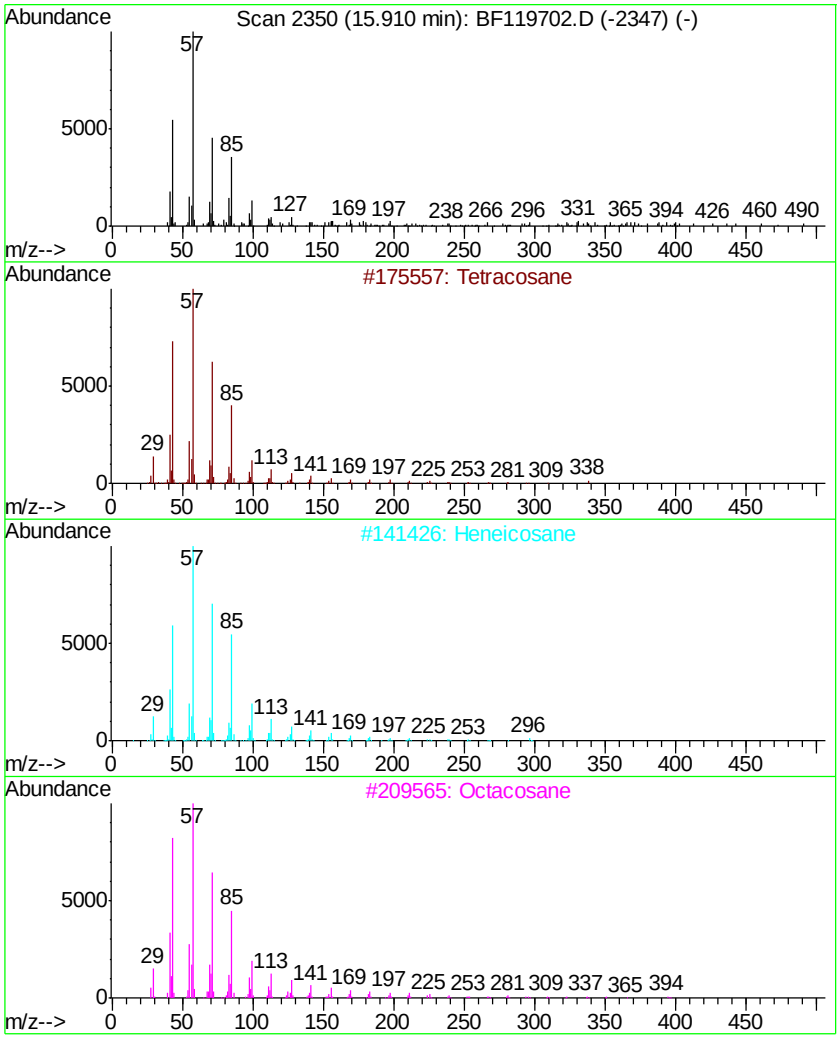
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

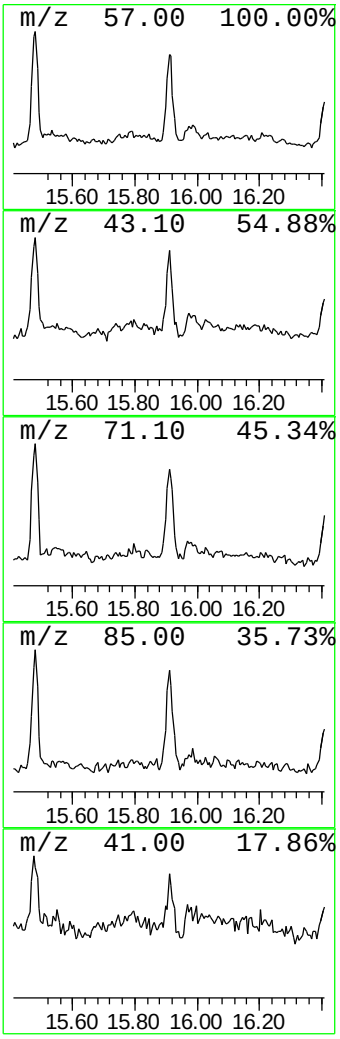
****

Peak Number 10 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	3.54 ng	190437	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	94
2	Heneicosane	296	C21H44	000629-94-7	89
3	Octacosane	394	C28H58	000630-02-4	76
4	Tridecane	184	C13H28	000629-50-5	76
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040120\
Data File : BF119702.D
Acq On : 2 Apr 2020 7:34
Operator : MA/SJ
Sample : L2096-01
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RO-1-2-TP

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...	2.19	2.3	ng	167274	1	6.82	1450060	20.0
2-Pentanone, 4-hy...	5.03	4.1	ng	296992	1	6.82	1450060	20.0
n-Hexadecanoic acid	11.87	6.2	ng	490827	4	11.34	1587830	20.0
Octadecanoic acid	12.66	2.2	ng	173196	4	11.34	1587830	20.0
5-Eicosene, (E)-	13.83	13.7	ng	765727	5	13.98	1122300	20.0
N1-Tetrahydrofura...	14.46	3.5	ng	196640	5	13.98	1122300	20.0
Heneicosane	14.76	2.7	ng	146954	6	15.44	1076770	20.0
Docosane	15.10	3.4	ng	183443	6	15.44	1076770	20.0
Tetracosane	15.91	3.5	ng	190437	6	15.44	1076770	20.0