LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

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-BF091020.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	4.981	488	492	500	rBV	129521	161955	4.59%	0.535%
2	5.387	557	561	575	rBV	2964729	2870902	81.33%	9.476%
3	6.404	729	734	748	rBV	2898122	3030597	85.85%	10.003%
4	6.598	763	767	774	rBV	39189	46386	1.31%	0.153%
5	6.763	791	795	798	rBV	1026866	919810	26.06%	3.036%
6	7.328	885	891	894	rBV	2155512	2083353	59.02%	6.877%
7	8.045	1006	1013	1016	rBV	1388820	1258659	35.65%	4.155%
8	8.639	1109	1114	1117	rBV	52577	49128	1.39%	0.162%
9	9.122	1190	1196	1199	rBV	3758534	3530112	100.00%	11.652%
10	9.198	1205	1209	1212	rBV2	70095	71044	2.01%	0.234%
11	9.516	1259	1263	1266	rBV	293289	272412	7.72%	0.899%
12	9.727	1297	1299	1304	rVB	68829	60853	1.72%	0.201%
13	9.798	1305	1311	1314	rBV	1631755	1376412	38.99%	4.543%
14	10.227	1381	1384	1387	rVB	64546	55436	1.57%	0.183%
15	10.586	1439	1445	1449	rBV	2193798	2132762	60.42%	7.040%
16	10.704	1462	1465	1474	rVB	62955	81869	2.32%	0.270%
17	11.151	1537	1541	1543	rBV	54728	45230	1.28%	0.149%
18	11.280	1559	1563	1566	rBV	1548048	1332443	37.75%	4.398%
19	11.674	1626	1630	1634	rBV	1332521	1119806	31.72%	3.696%
20	11.810	1650	1653	1655	rBV	41392	36296	1.03%	0.120%
21	11.980	1678	1682	1687	rBV	38691	38721	1.10%	0.128%
22	12.363	1743	1747	1749	rBV	1860380	1780876	50.45%	5.878%
23	12.380	1749	1750	1757	rVB	1691614	1402529	39.73%	4.629%
24	12.468	1761	1765	1768	rBV	407193	329980	9.35%	1.089%
25	12.868	1827	1833	1836	rBV	3442133	3100308	87.82%	10.233%
26	13.098	1867	1872	1880	rVB2	71867	118293	3.35%	0.390%
27	13.439	1927	1930	1933	rVB	64403	56469	1.60%	0.186%
28	13.768	1982	1986	1997	rBV	444808	588469	16.67%	1.942%
29	13.915	2006	2011	2015	rBV	1019815	929941	26.34%	3.070%
30	14.080	2036	2039	2043	rBV	71048	69864	1.98%	0.231%
31	14.386	2086	2091	2093	rBV	92453	111437	3.16%	0.368%
32	14.686	2139	2142	2145	rVB	71591	68563	1.94%	0.226%
33	15.009	2195	2197	2203	rVB	86032	91023	2.58%	0.300%
34	15.351	2251	2255	2263	rVB	666661	920424	26.07%	3.038%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

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-BF091020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.792	2327	2330	2335	rVB	52398	73485	2.08%	0.243%
36	16.274	2408	2412	2421	rVB2	43273	80288	2.27%	0.265%

Sum of corrected areas: 30296135

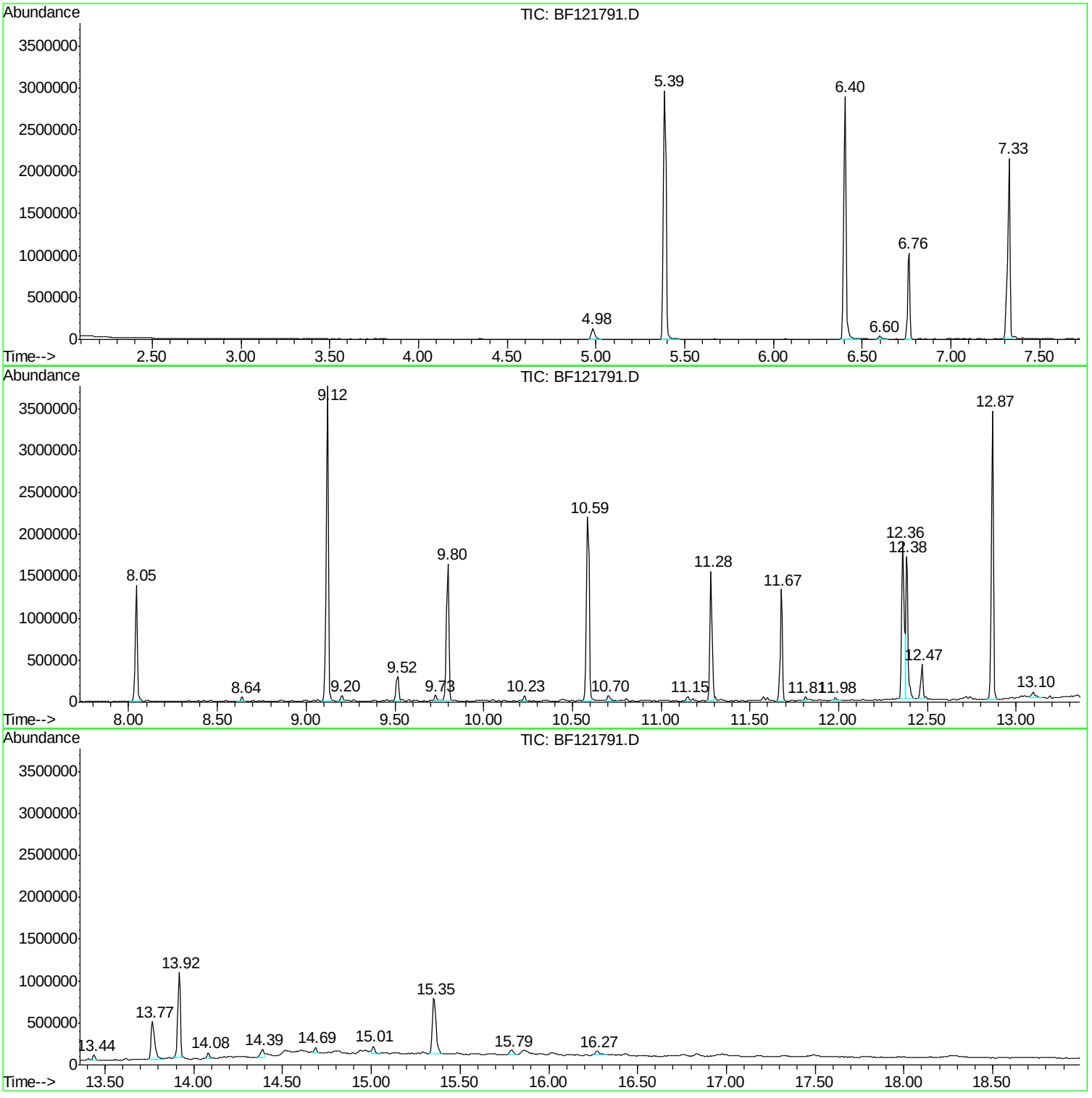
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

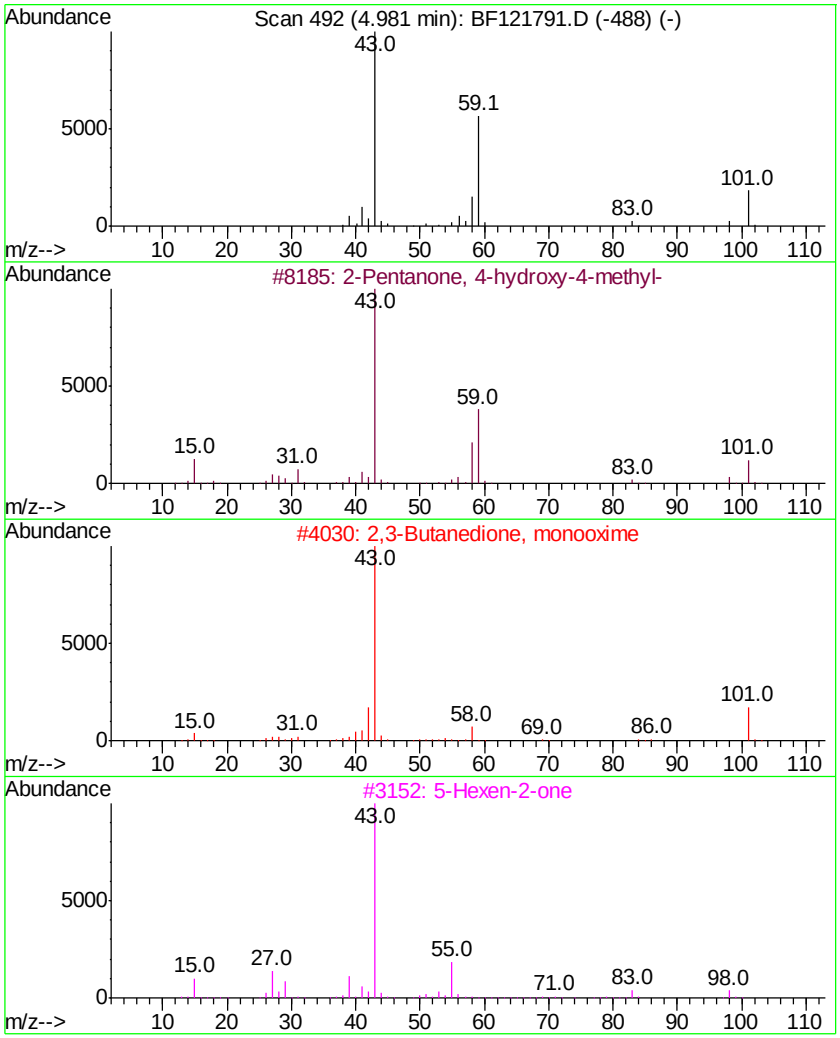
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

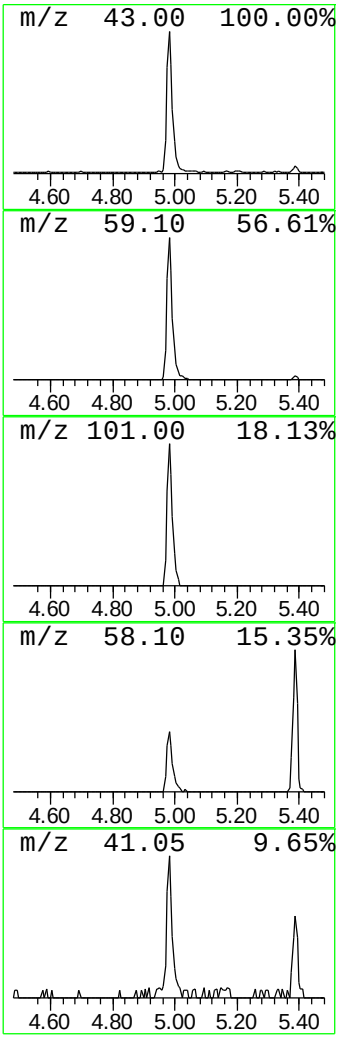
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	3.52 ng	161955	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

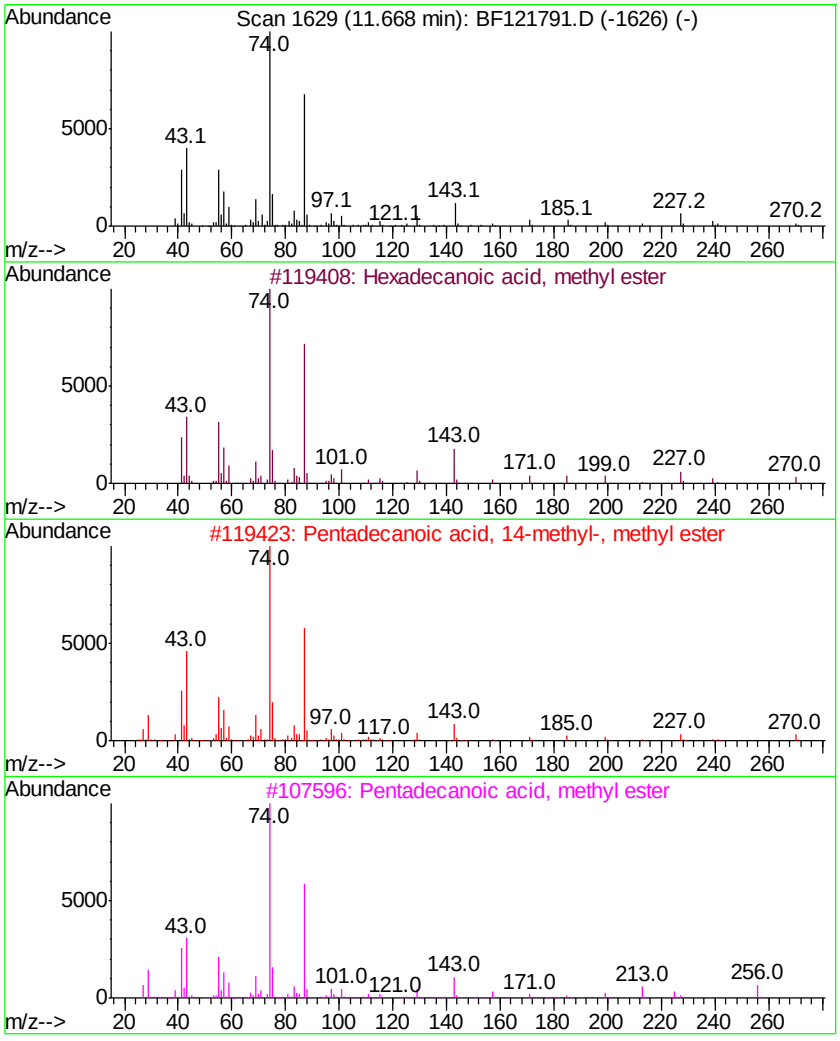
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

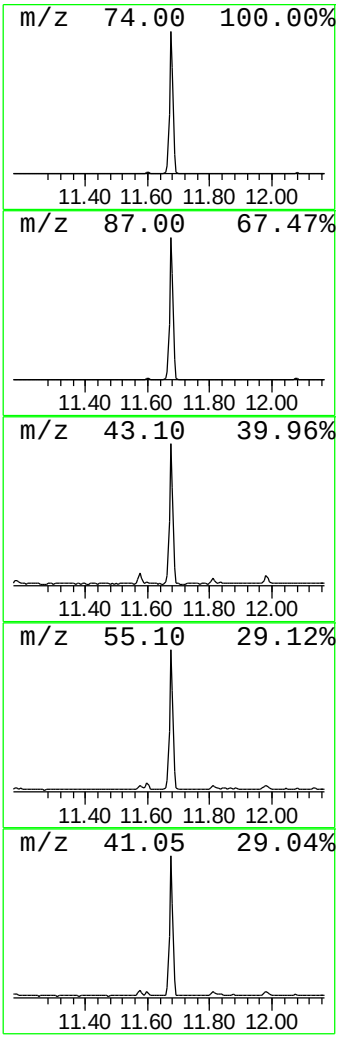
****

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	16.81 ng	1119810	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	99
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

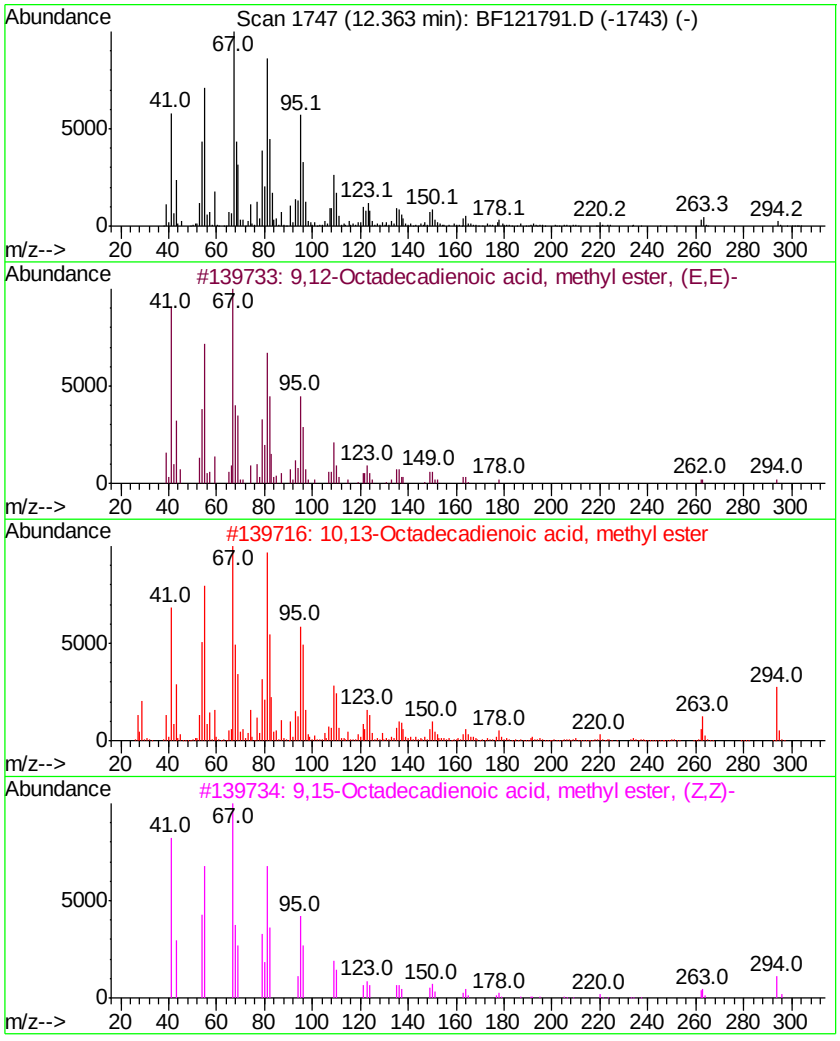
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

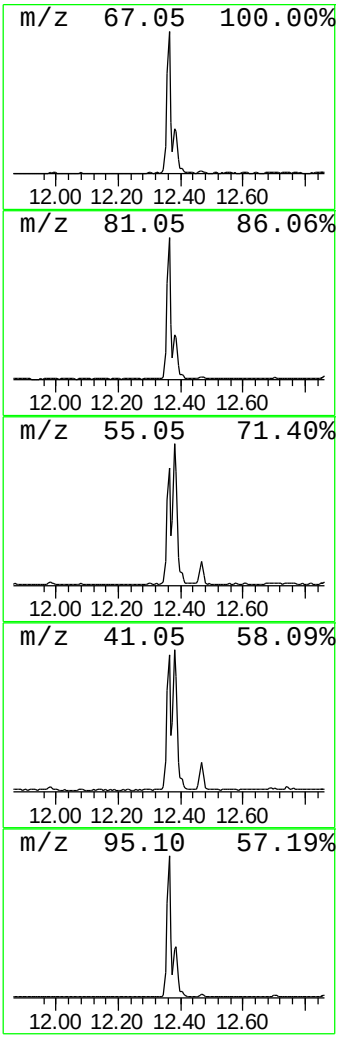
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	26.73 ng	1780880	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

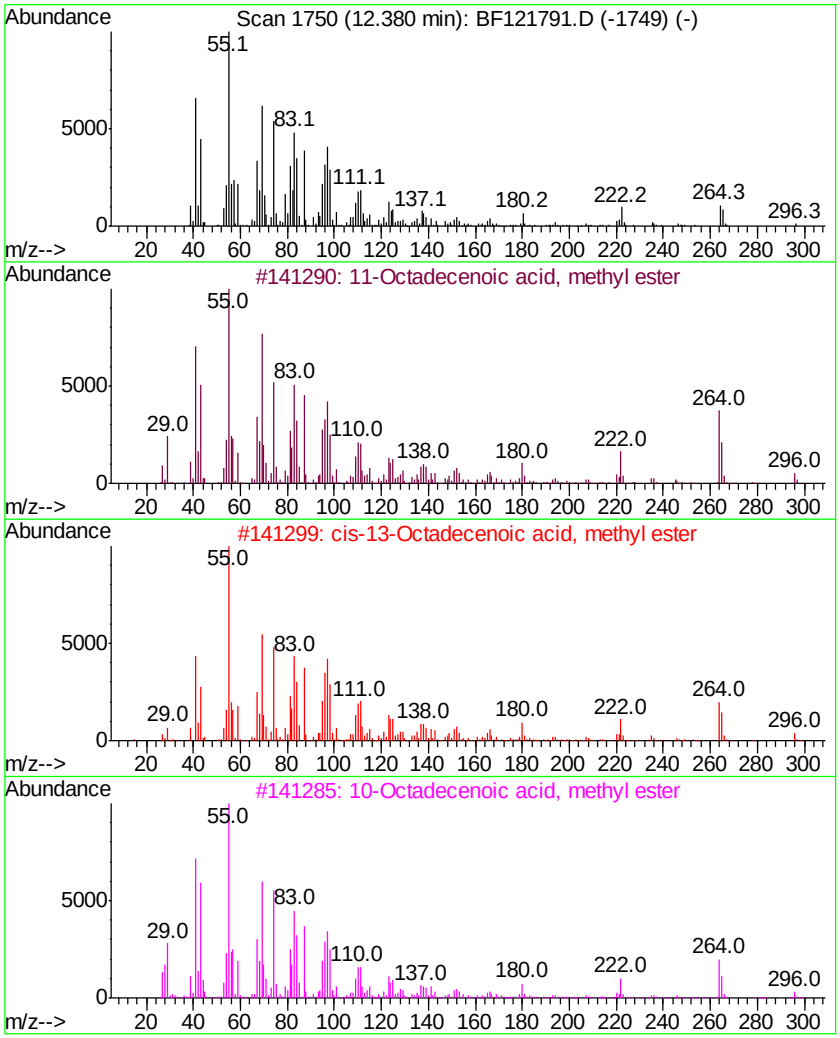
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

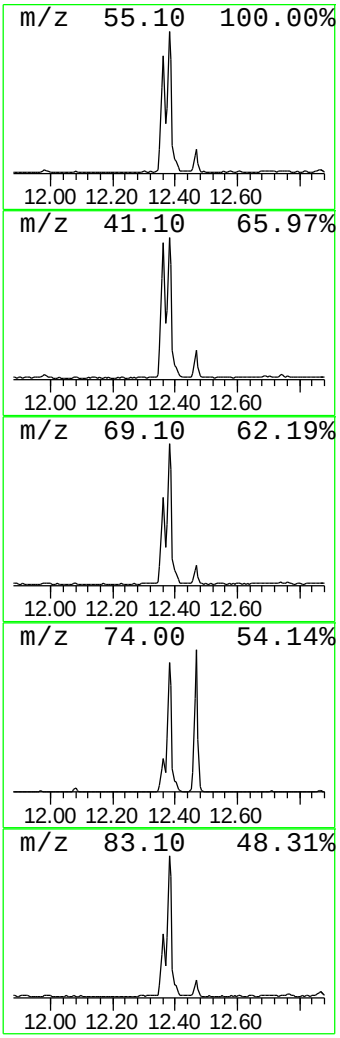
****

Peak Number 4 11-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.38	21.05 ng	1402530	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
2	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	99
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

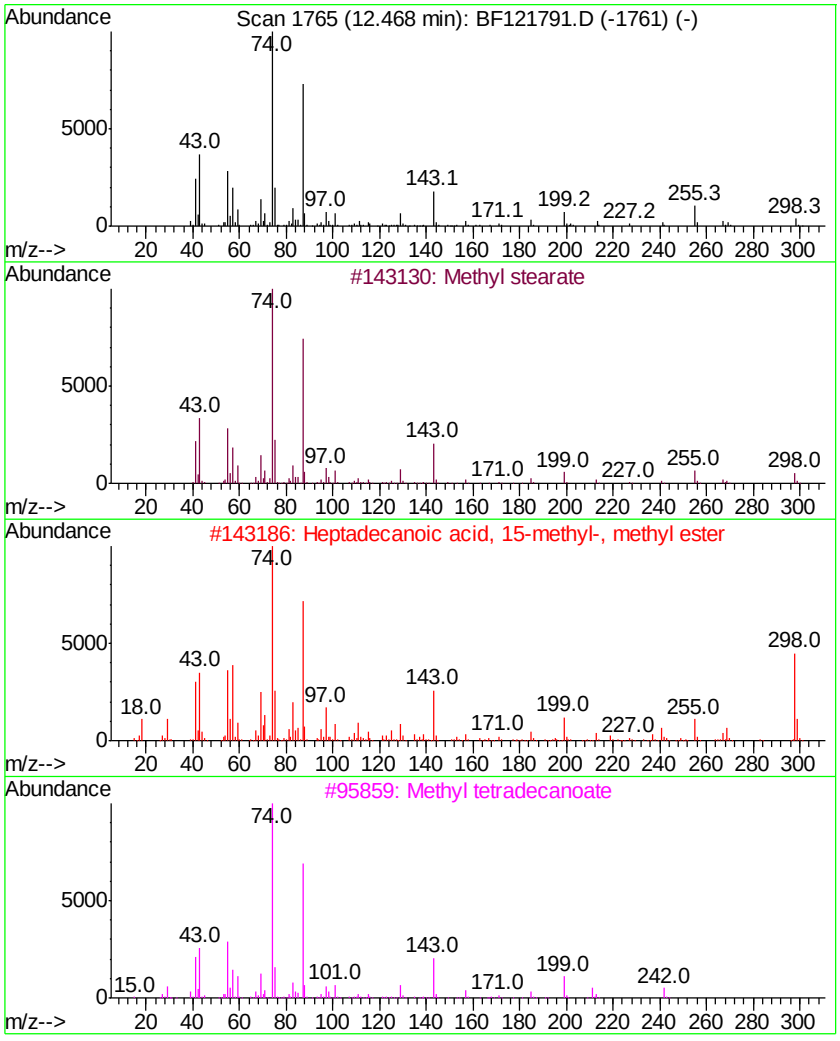
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

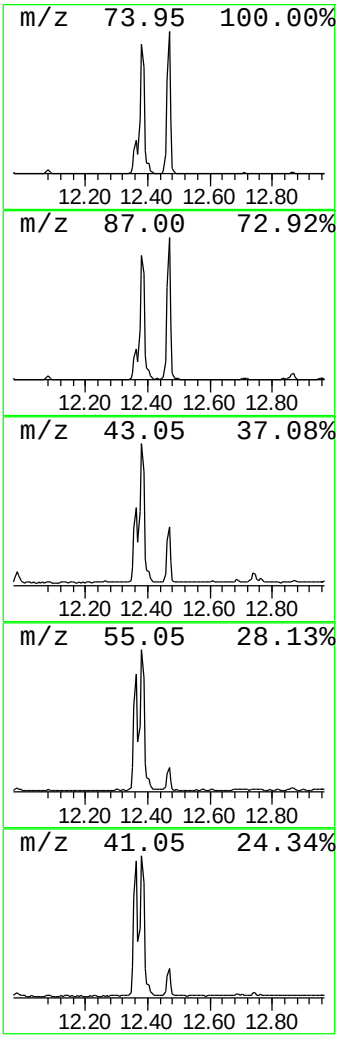
****

Peak Number 5 Methyl stearate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	4.95 ng	329980	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	91
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

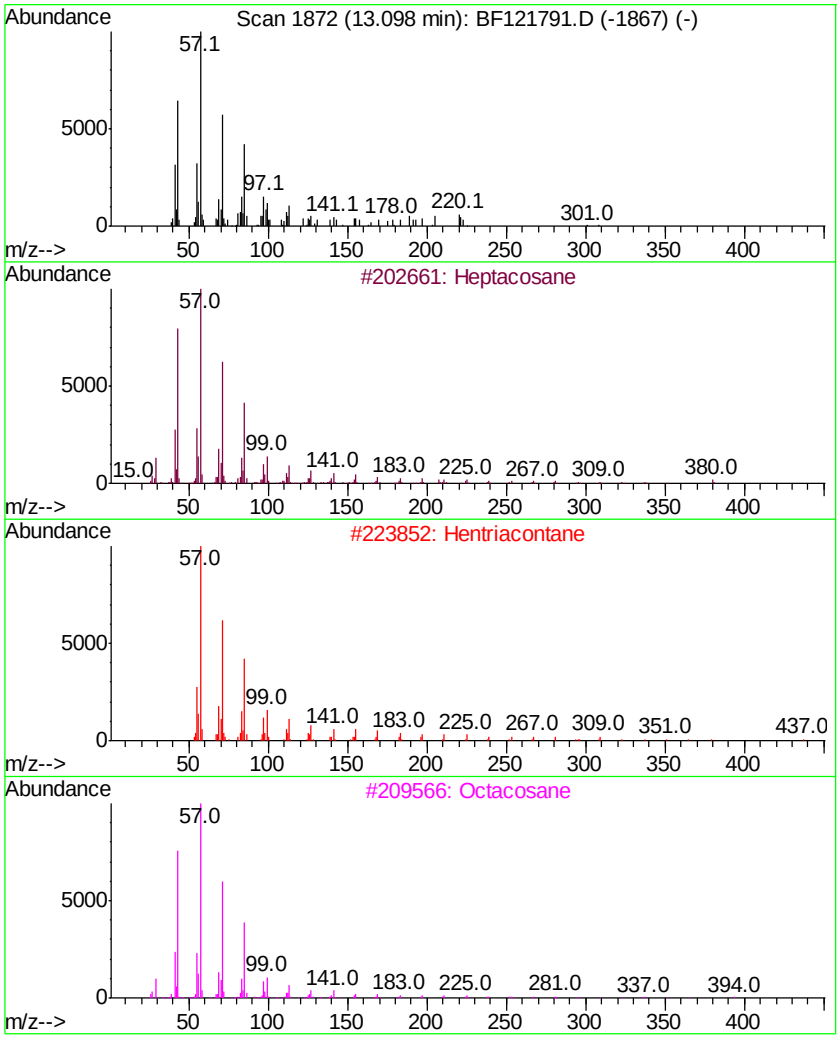
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

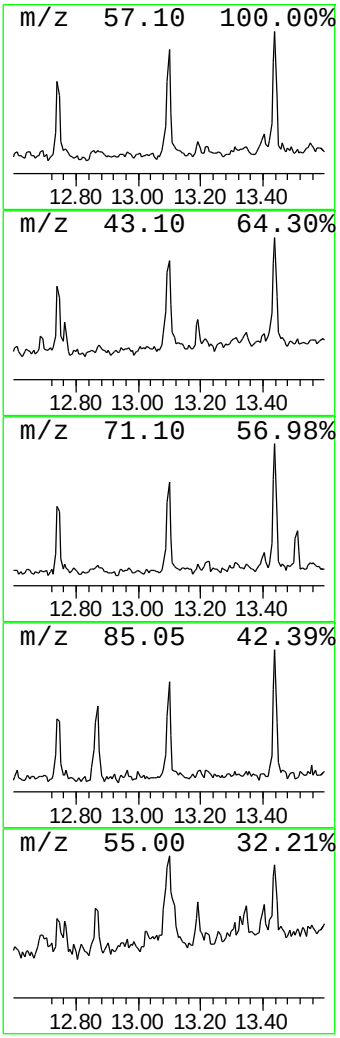
****

Peak Number 6 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.54 ng	118293	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

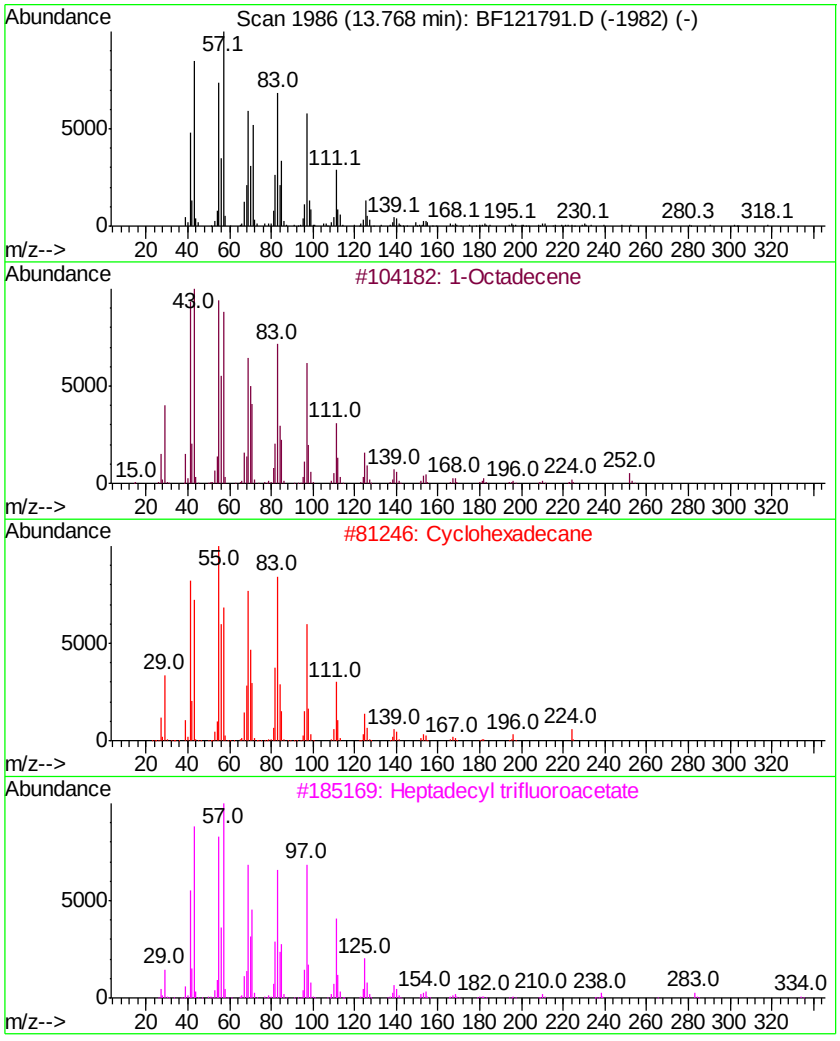
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

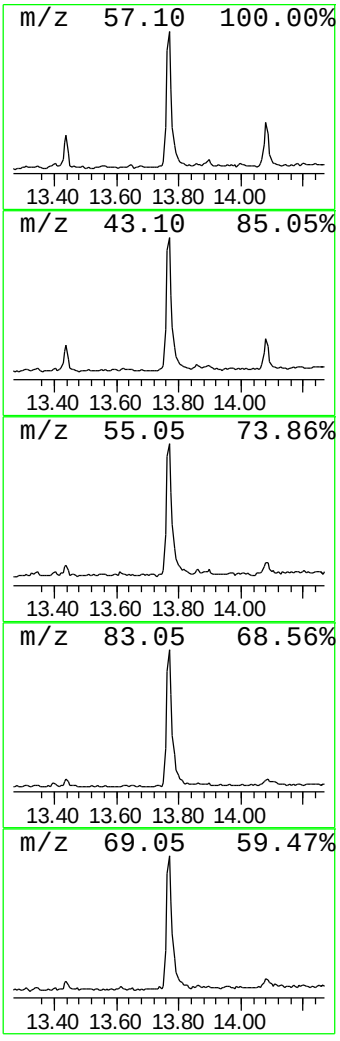
****

Peak Number 7 1-Octadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	12.66 ng	588469	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

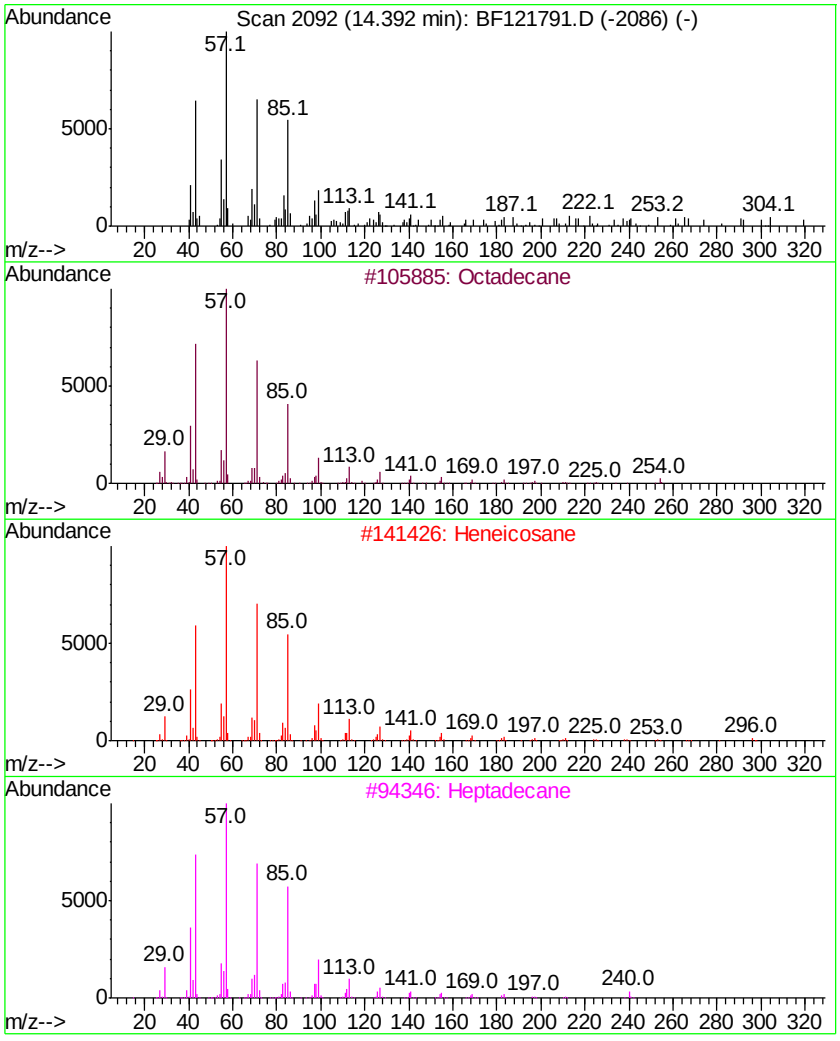
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

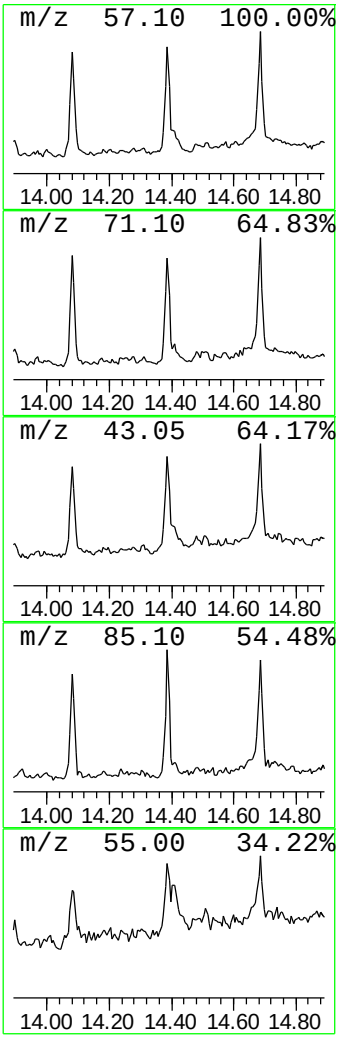
****

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	2.40 ng	111437	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	87
4	Pentacosane	352	C25H52	000629-99-2	80
5	Hexadecane	226	C16H34	000544-76-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100220\
Data File : BF121791.D
Acq On : 2 Oct 2020 13:36
Operator : JU/CG
Sample : L3863-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-093020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.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
2-Pentanone, 4-hy...	4.98	3.5	ng	161955	1	6.76	919810	20.0
Hexadecanoic acid...	11.67	16.8	ng	1119810	4	11.28	1332440	20.0
9,12-Octadecadien...	12.36	26.7	ng	1780880	4	11.28	1332440	20.0
11-Octadecenoic a...	12.38	21.1	ng	1402530	4	11.28	1332440	20.0
Methyl stearate	12.47	5.0	ng	329980	4	11.28	1332440	20.0
Heptacosane	13.10	2.5	ng	118293	5	13.92	929941	20.0
1-Octadecene	13.77	12.7	ng	588469	5	13.92	929941	20.0
Octadecane	14.39	2.4	ng	111437	5	13.92	929941	20.0