LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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	5.451	568	572	581	rBV	742678	706996	3.98%	1.313%
2	6.469	741	745	755	rBV	732649	761005	4.28%	1.414%
3	6.834	803	807	810	rBV	1591676	1266499	7.13%	2.353%
4	7.387	898	901	912	rVB	514586	515624	2.90%	0.958%
5	8.116	1019	1025	1028	rBV	2015906	1646588	9.27%	3.059%
6	9.187	1203	1207	1212	rBV	1153642	967245	5.45%	1.797%
7	9.581	1271	1274	1278	rBV	177140	185213	1.04%	0.344%
8	9.869	1319	1323	1327	rVB	2191727	1814126	10.21%	3.370%
9	10.657	1452	1457	1460	rBV	530975	489179	2.75%	0.909%
10	10.769	1474	1476	1482	rBV	174180	210815	1.19%	0.392%
11	11.357	1572	1576	1579	rBV	1853246	1676624	9.44%	3.115%
12	11.751	1638	1643	1646	rBV	6825839	6745082	37.97%	12.530%
13	11.886	1662	1666	1674	rBV	839324	996405	5.61%	1.851%
14	12.051	1691	1694	1701	rVB3	141542	237129	1.33%	0.441%
15	12.457	1750	1763	1764	rBV	8746157	17762559	100.00%	32.998%
16	12.545	1775	1778	1781	rVB	5283366	4407670	24.81%	8.188%
17	12.586	1781	1785	1787	rBV	2502587	3491650	19.66%	6.486%
18	12.604	1787	1788	1797	rVV2	2456215	2589749	14.58%	4.811%
19	12.669	1797	1799	1804	rVB	214886	213456	1.20%	0.397%
20	12.775	1813	1817	1820	rBV2	224988	248494	1.40%	0.462%
21	12.816	1822	1824	1831	rVB3	126010	179575	1.01%	0.334%
22	12.939	1841	1845	1849	rBV	1010582	889359	5.01%	1.652%
23	13.122	1871	1876	1877	rBV2	256183	290011	1.63%	0.539%
24	13.186	1882	1887	1893	rVB2	431910	639967	3.60%	1.189%
25	13.263	1897	1900	1903	rBV	601923	549572	3.09%	1.021%
26	13.292	1903	1905	1909	rVV3	245501	296684	1.67%	0.551%
27	13.333	1909	1912	1916	rVV	195857	252746	1.42%	0.470%
28	13.374	1916	1919	1922	rVV	231272	261988	1.47%	0.487%
29	13.427	1925	1928	1930	rVB	194941	207513	1.17%	0.385%
30	13.692	1969	1973	1976	rVB2	384695	473070	2.66%	0.879%
31	13.933	2011	2014	2017	rBV	490524	427123	2.40%	0.793%
32	13.992	2020	2024	2027	rVV	1377027	1214409	6.84%	2.256%
33	15.451	2267	2272	2275	rBV	989446	1215887	6.85%	2.259%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

Sum of corrected areas: 53830012

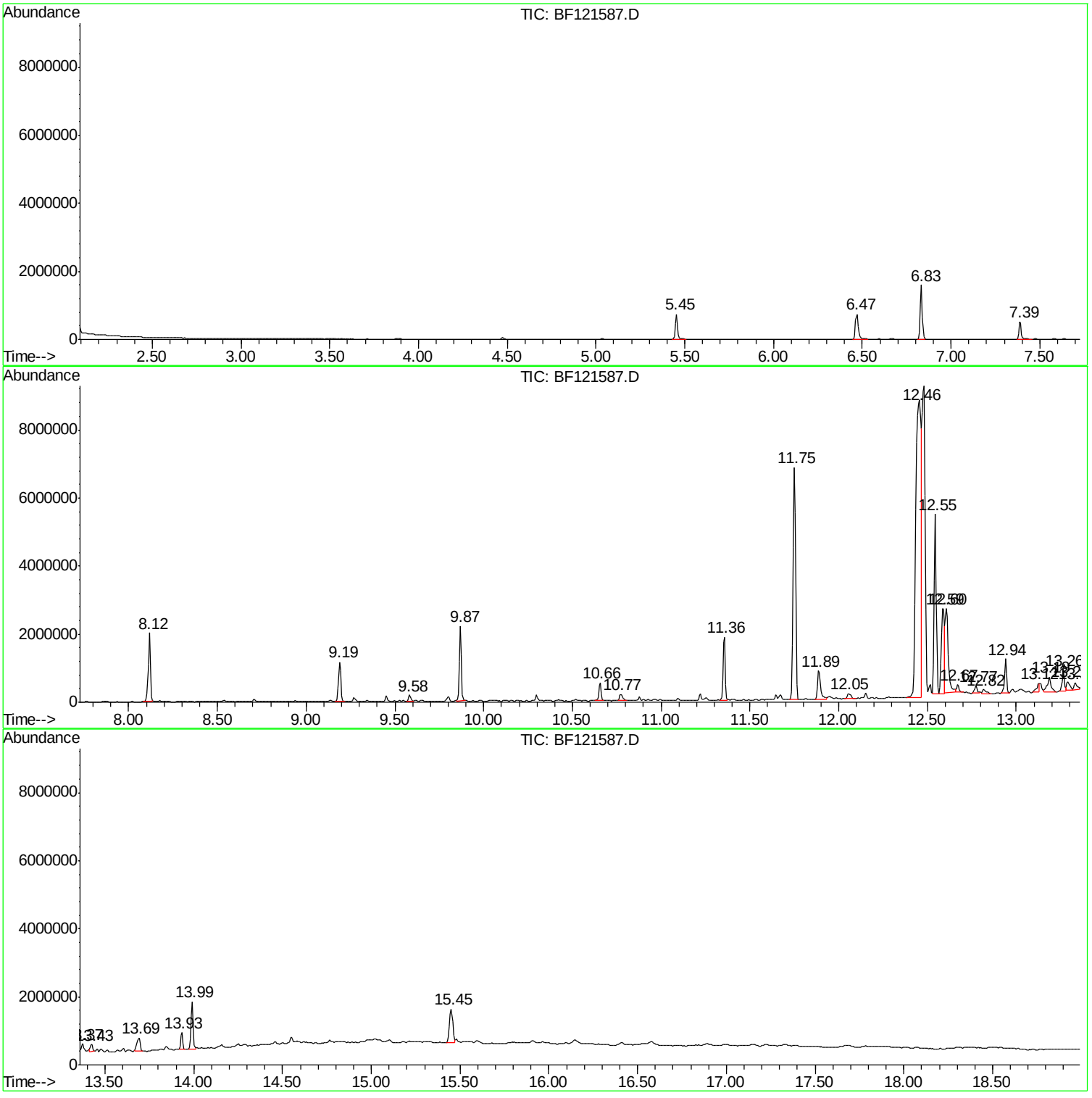
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

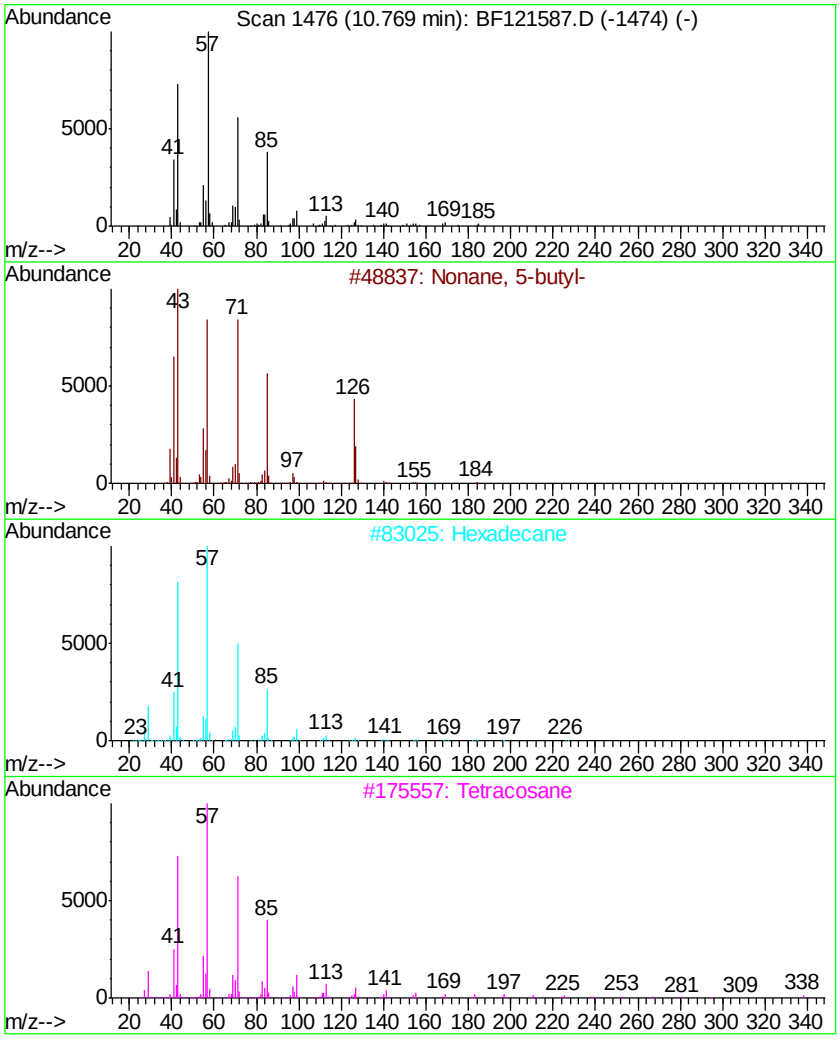
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

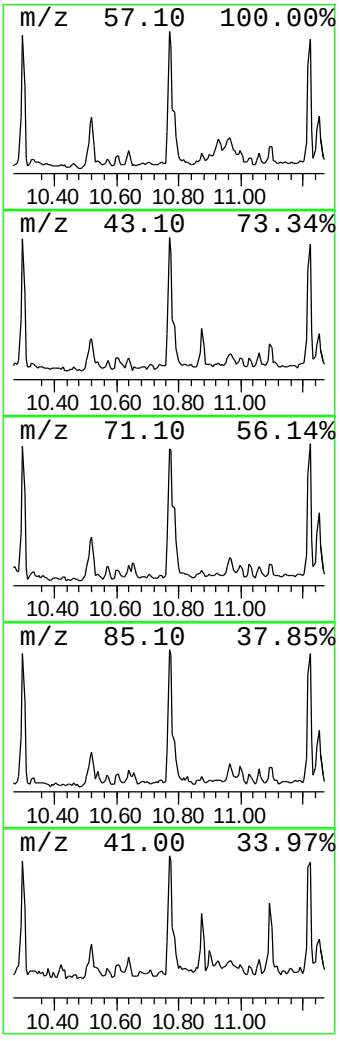
****

Peak Number 1 Nonane, 5-butyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	2.51 ng	210815	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-	184	C13H28	017312-63-9	94
2	Hexadecane	226	C16H34	000544-76-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

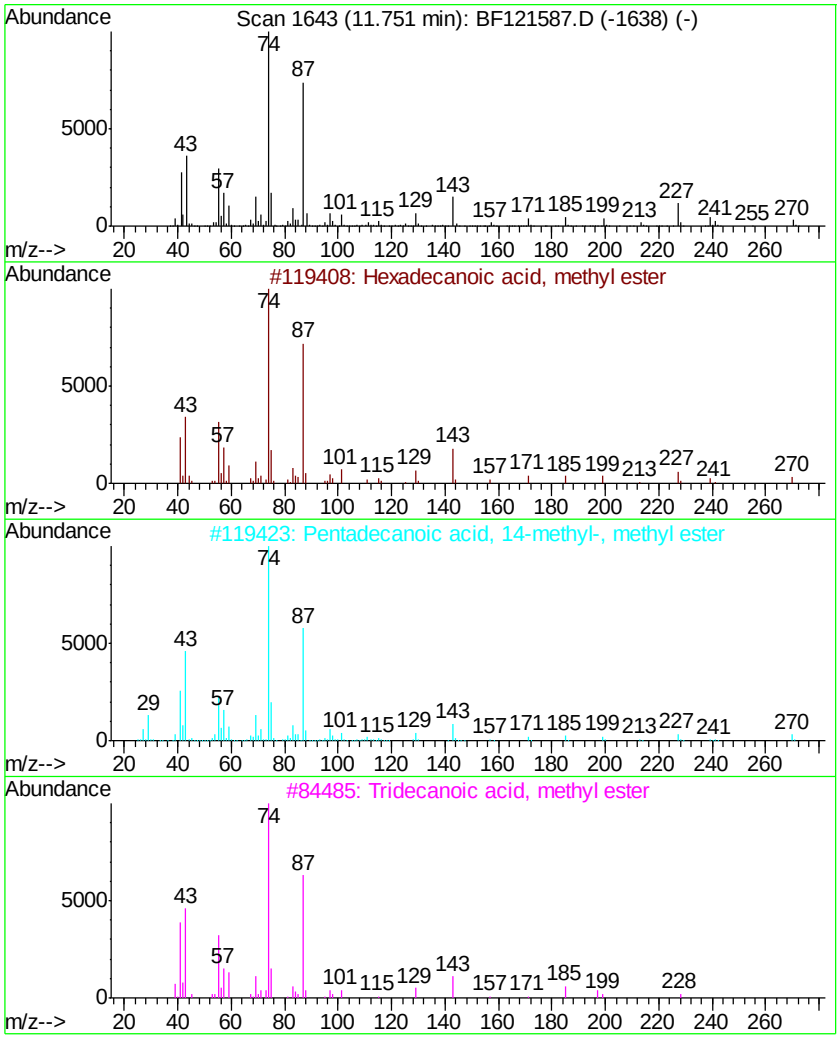
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

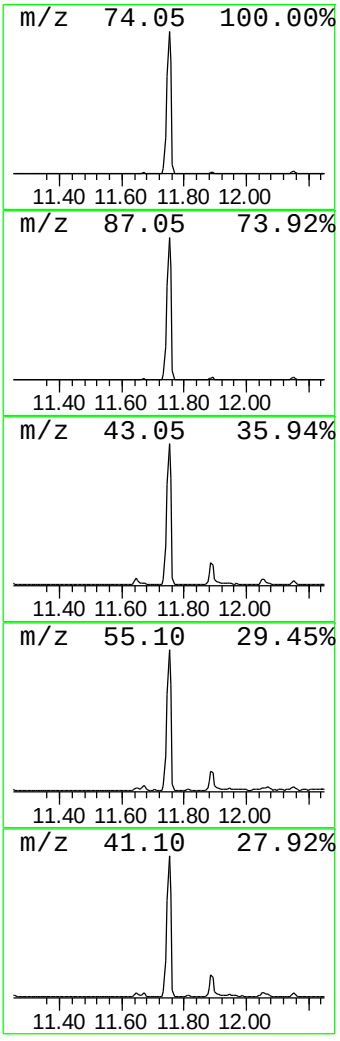
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	80.46 ng	6745080	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

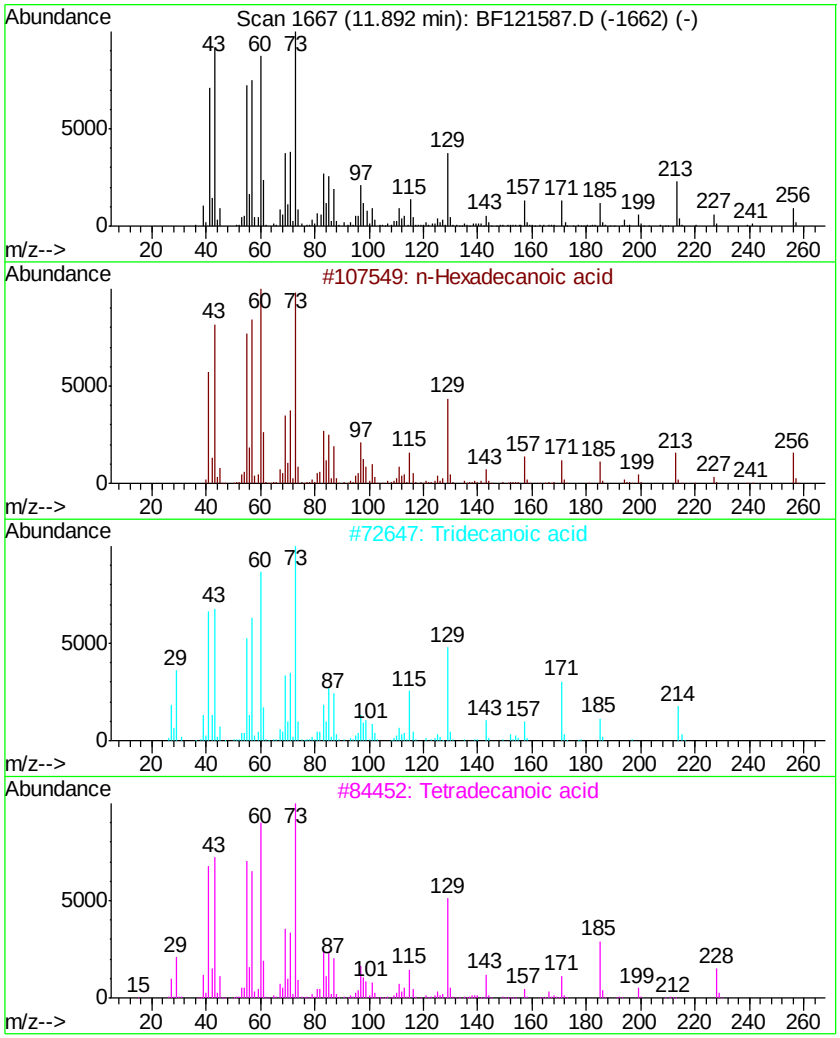
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

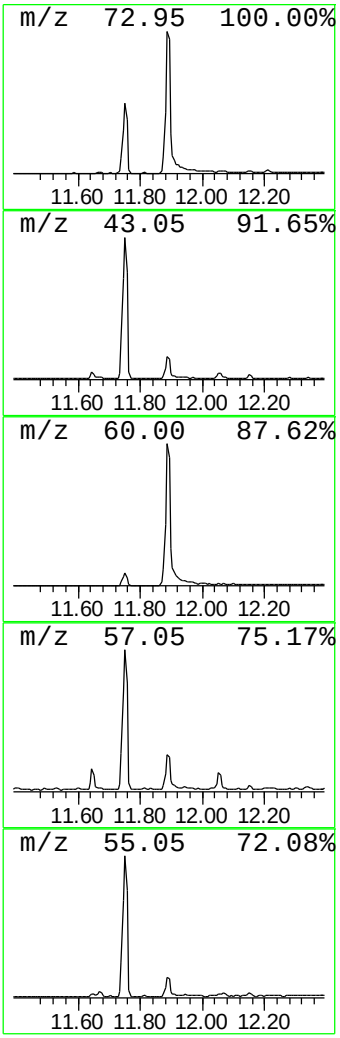
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.89 ng	996405	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Nonanoic acid	158	C9H18O2	000112-05-0	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

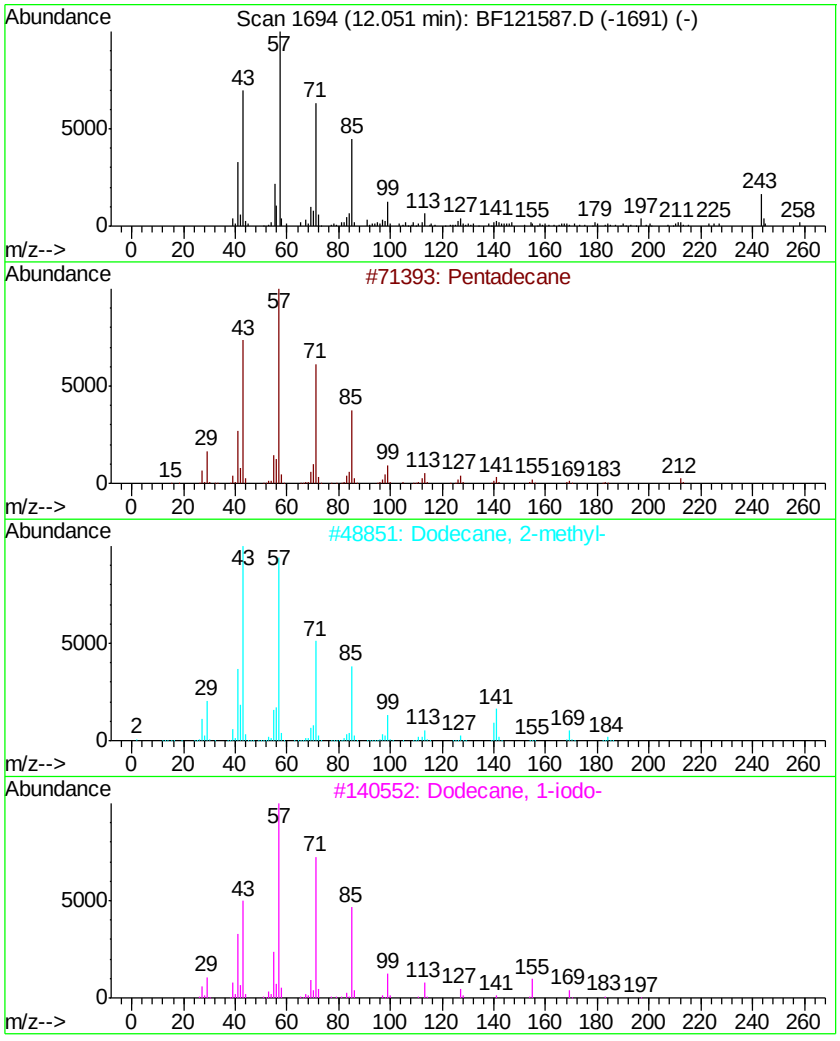
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

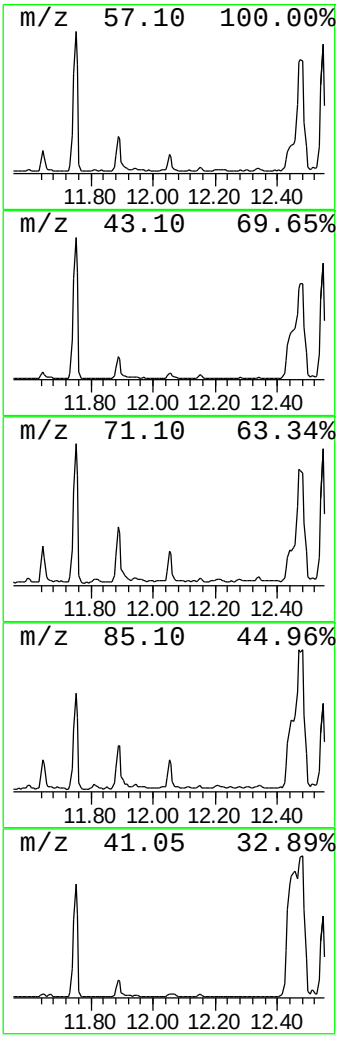
****

Peak Number 4 Pentadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	2.83 ng	237129	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	74
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Eicosane	282	C20H42	000112-95-8	52
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

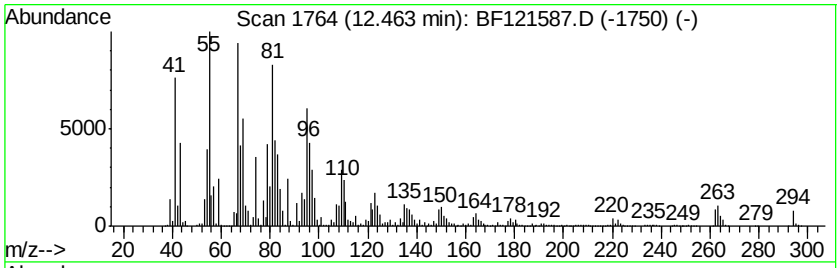
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

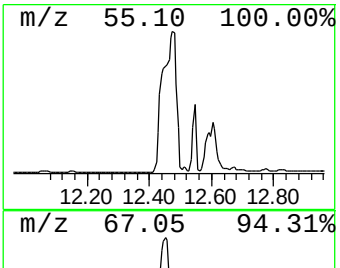
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	211.89 ng	17762600	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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

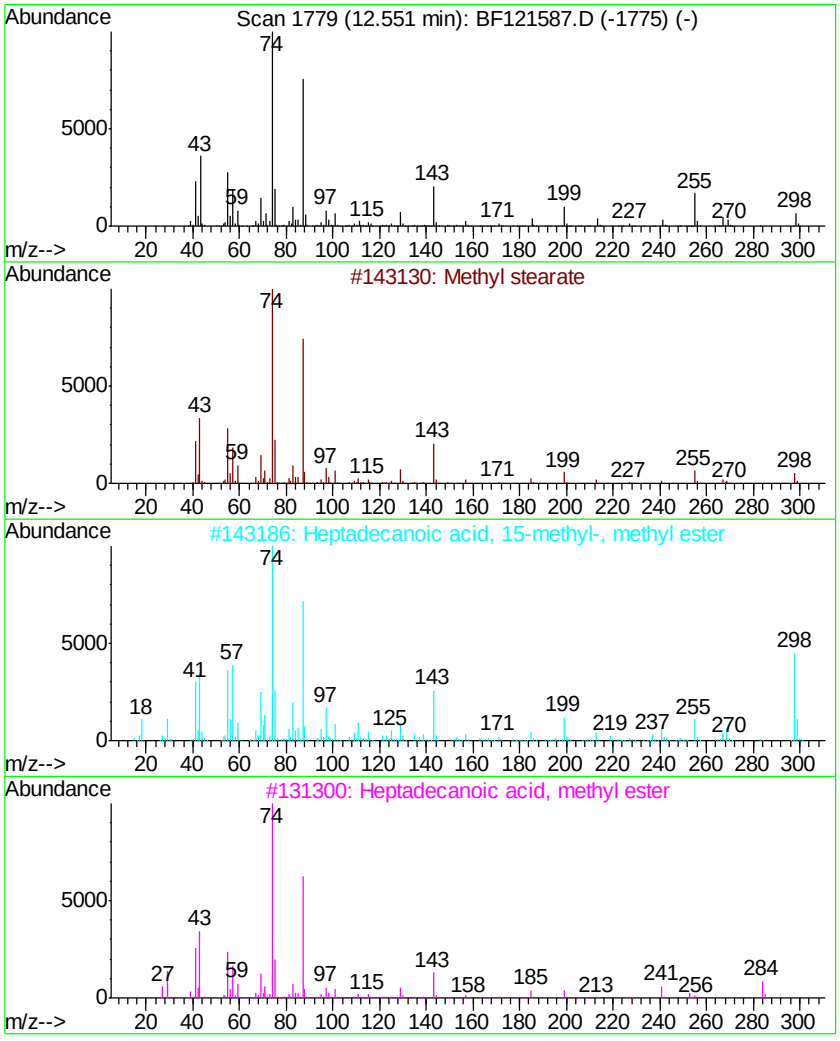
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

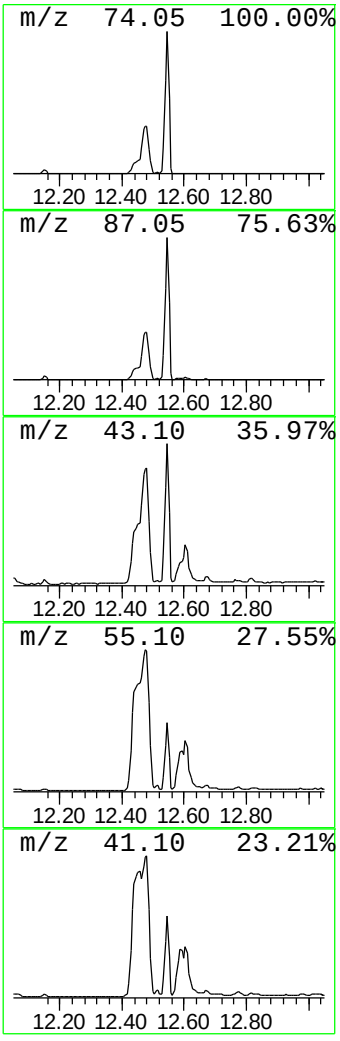
****

Peak Number 6 Methyl stearate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	52.58 ng	4407670	Phenanthrene-d10	11.36

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	93
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

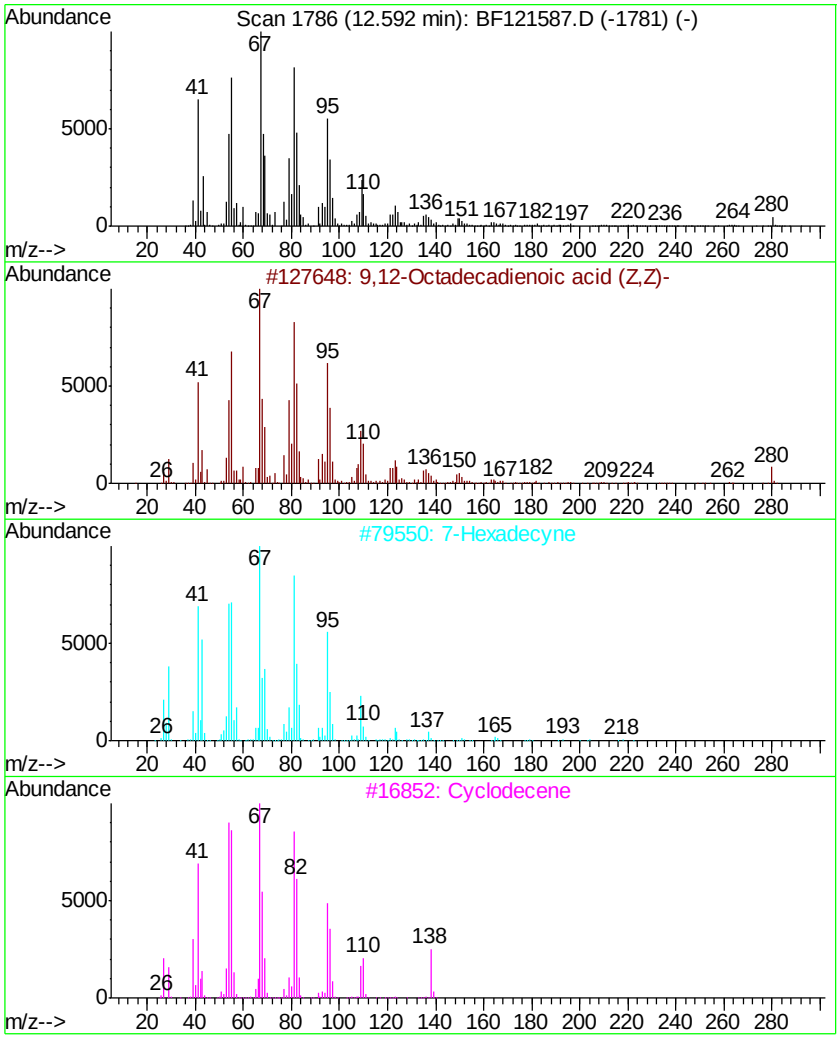
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

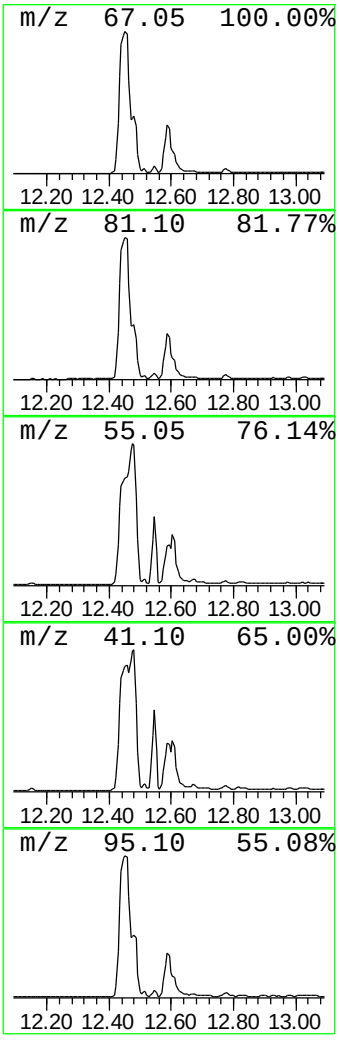
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 9,12-Octadecadienoic acid (... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	41.65 ng	3491650	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	7-Hexadecyne	222	C16H30	074685-28-2	90
3	Cyclodecene	138	C10H18	003618-12-0	87
4	3-Hexadecyne	222	C16H30	061886-62-2	78
5	11,14-Eicosadienoic acid, methyl...	322	C21H38O2	002463-02-7	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121587.D
Acq On : 15 Sep 2020 20:04
Operator : JU/CG
Sample : L3871-07 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TR-04-091420

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 9-Octadecenoic acid, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	30.89 ng	2589750	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	91
2	Cyclohexadecane	224	C16H32	000295-65-8	80
3	Cyclopentadecane	210	C15H30	000295-48-7	72
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	52
5	4-Trifluoroacetoxytridecane	296	C15H27F3O2	1000245-47-3	52