LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

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-BF081920.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	4.875	471	474	483	rVB	14797	19443	1.27%	0.096%
2	5.304	544	547	566	rBV	912703	1064580	69.76%	5.282%
3	6.339	720	723	741	rBV	1014617	1118074	73.27%	5.547%
4	6.692	780	783	789	rBV	1121019	944030	61.86%	4.684%
5	7.257	875	879	891	rBV	862732	771511	50.56%	3.828%
6	7.981	997	1002	1005	rBV	1261244	1202844	78.83%	5.968%
7	9.051	1180	1184	1194	rBV	1833448	1525957	100.00%	7.571%
8	9.322	1224	1230	1233	rBV5	20716	20055	1.31%	0.099%
9	9.445	1247	1251	1255	rBV	126704	129207	8.47%	0.641%
10	9.586	1273	1275	1278	rVB	25407	23332	1.53%	0.116%
11	9.727	1295	1299	1303	rBV	1636294	1348009	88.34%	6.688%
12	9.945	1331	1336	1339	rBV5	31418	38289	2.51%	0.190%
13	10.163	1370	1373	1375	rBV	35334	28600	1.87%	0.142%
14	10.274	1389	1392	1397	rBV2	22822	36506	2.39%	0.181%
15	10.380	1407	1410	1416	rVB	31425	36379	2.38%	0.180%
16	10.516	1430	1433	1441	rBV	557485	535943	35.12%	2.659%
17	10.633	1450	1453	1462	rVB2	85528	135459	8.88%	0.672%
18	11.080	1526	1529	1532	rBV	106659	99620	6.53%	0.494%
19	11.110	1532	1534	1540	rVB	91052	96402	6.32%	0.478%
20	11.216	1547	1552	1554	rBV	1365673	1361691	89.24%	6.756%
21	11.233	1554	1555	1558	rVV	214894	136910	8.97%	0.679%
22	11.286	1562	1564	1568	rVB	49961	45403	2.98%	0.225%
23	11.510	1599	1602	1604	rBV	140578	110715	7.26%	0.549%
24	11.533	1604	1606	1609	rVB3	33337	27088	1.78%	0.134%
25	11.610	1615	1619	1625	rVB	618927	493985	32.37%	2.451%
26	11.669	1627	1629	1632	rBV4	21207	20710	1.36%	0.103%
27	11.716	1634	1637	1639	rVV	22608	20433	1.34%	0.101%
28	11.751	1639	1643	1650	rVV3	102665	142914	9.37%	0.709%
29	11.821	1652	1655	1658	rVB	45409	46672	3.06%	0.232%
30	11.916	1668	1671	1675	rVB	131703	107953	7.07%	0.536%
31	12.010	1684	1687	1690	rBV3	37272	39443	2.58%	0.196%
32	12.068	1695	1697	1703	rBV6	18231	27396	1.80%	0.136%
33	12.192	1716	1718	1723	rVB4	24944	25553	1.67%	0.127%
34	12.263	1727	1730	1732	rBV	35241	38095	2.50%	0.189%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

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-BF081920.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.292	1732	1735	1737	rBV	1410508	1359391	89.08%	6.744%
36	12.316	1737	1739	1742	rVB	1638280	1247485	81.75%	6.189%
37	12.398	1750	1753	1755	rBV	334289	297176	19.47%	1.474%
38	12.421	1755	1757	1761	rVB	285602	220676	14.46%	1.095%
39	12.651	1790	1796	1798	rBV	263883	293574	19.24%	1.456%
40	12.674	1798	1800	1803	rVB	109443	87318	5.72%	0.433%
41	12.798	1817	1821	1824	rBV	1411340	1340776	87.86%	6.652%
42	12.904	1837	1839	1842	rVB4	29124	26082	1.71%	0.129%
43	12.957	1846	1848	1850	rBV2	43103	49114	3.22%	0.244%
44	13.033	1858	1861	1866	rBV2	84589	120445	7.89%	0.598%
45	13.127	1874	1877	1879	rBV	35847	27605	1.81%	0.137%
46	13.233	1892	1895	1899	rVB3	81197	70440	4.62%	0.349%
47	13.374	1916	1919	1922	rBV	58877	52745	3.46%	0.262%
48	13.715	1972	1977	1985	rBV2	126501	267770	17.55%	1.328%
49	13.792	1988	1990	1993	rBV2	29874	23792	1.56%	0.118%
50	13.851	1995	2000	2003	rVV	1136972	1187705	77.83%	5.892%
51	13.874	2003	2004	2007	rVB	104671	57935	3.80%	0.287%
52	14.015	2026	2028	2031	rVB	55147	55546	3.64%	0.276%
53	14.321	2078	2080	2083	rBV2	66367	56469	3.70%	0.280%
54	14.615	2128	2130	2133	rBV	55912	45442	2.98%	0.225%
55	14.862	2169	2172	2178	rVB	112960	174958	11.47%	0.868%
56	15.204	2227	2230	2234	rVB	108090	115032	7.54%	0.571%
57	15.262	2236	2240	2253	rVB2	870597	1159775	76.00%	5.754%

Sum of corrected areas: 20156452

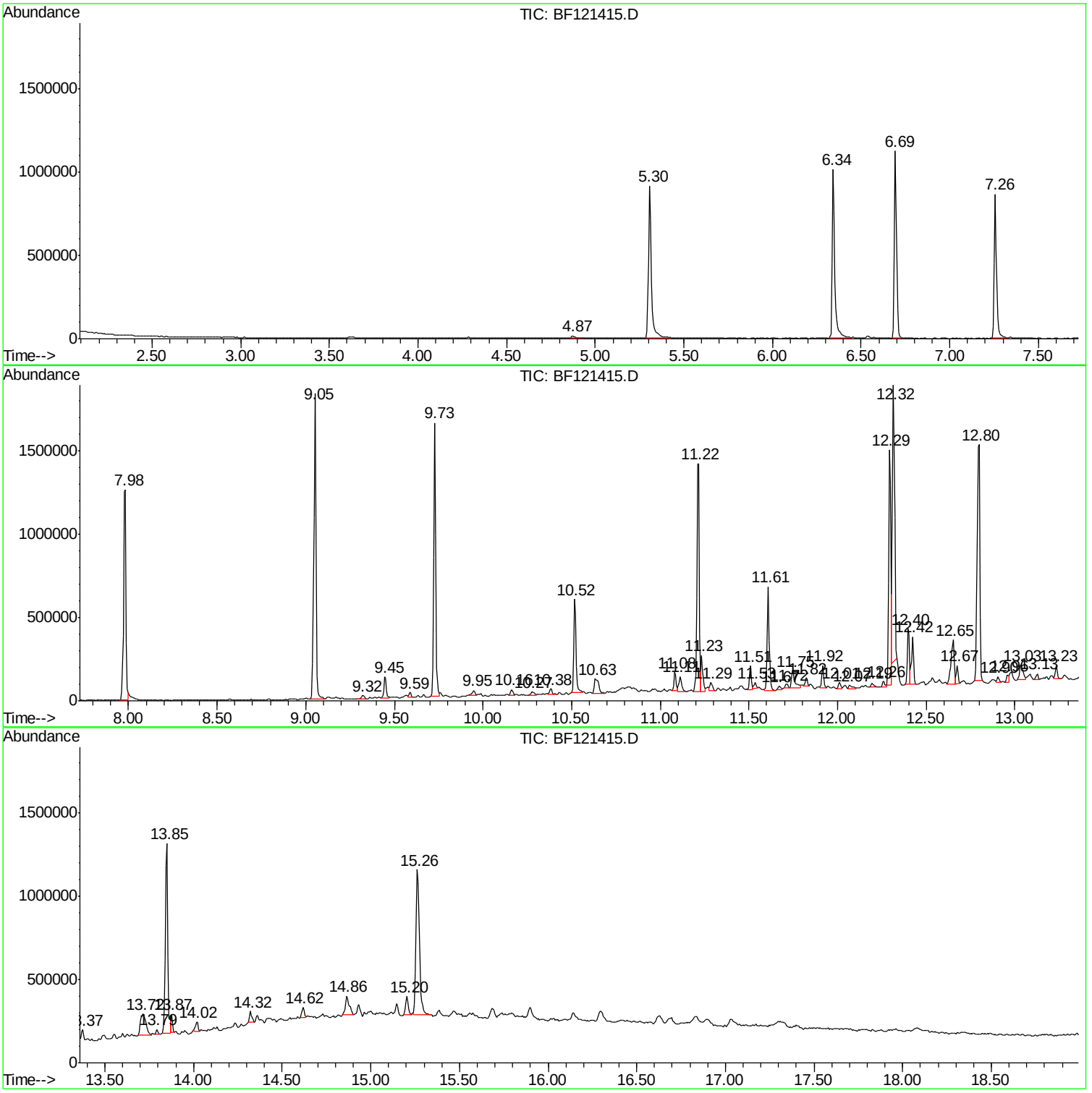
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

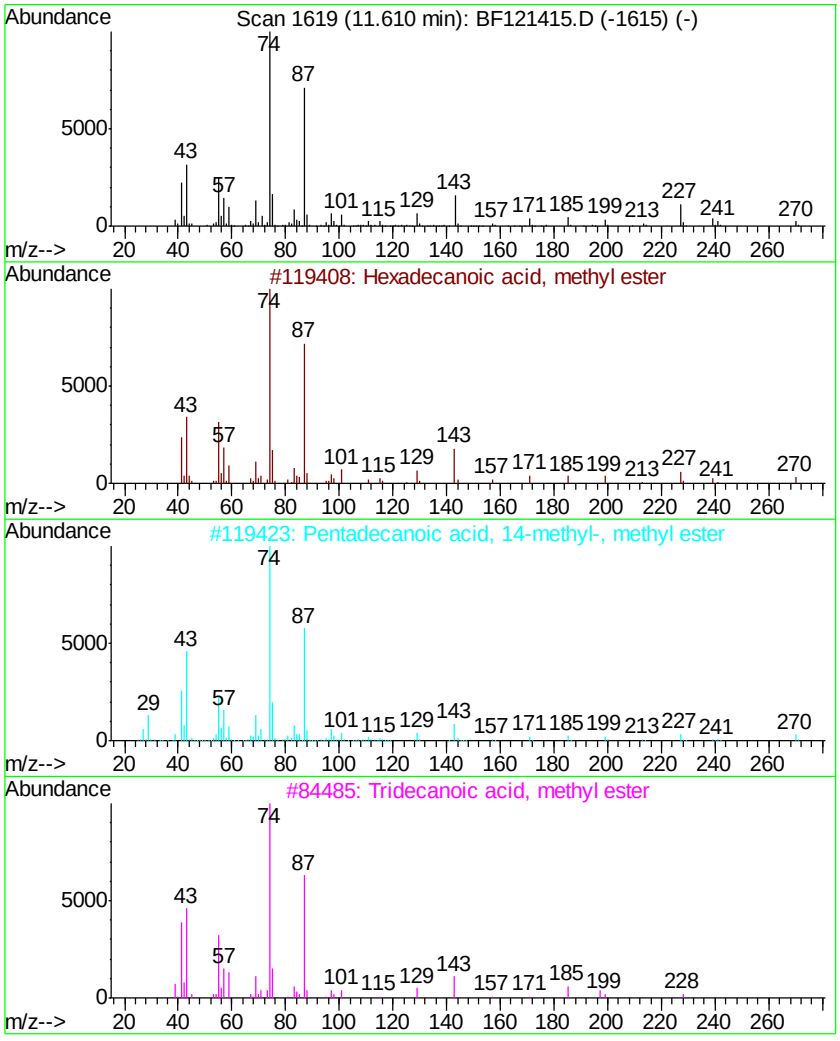
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

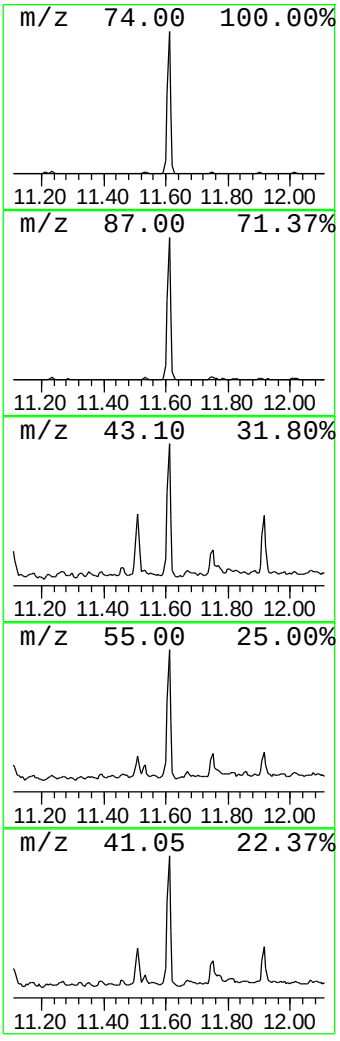
****

Peak Number 1 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	7.26 ng	493985	Phenanthrene-d10	11.22

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	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	81





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

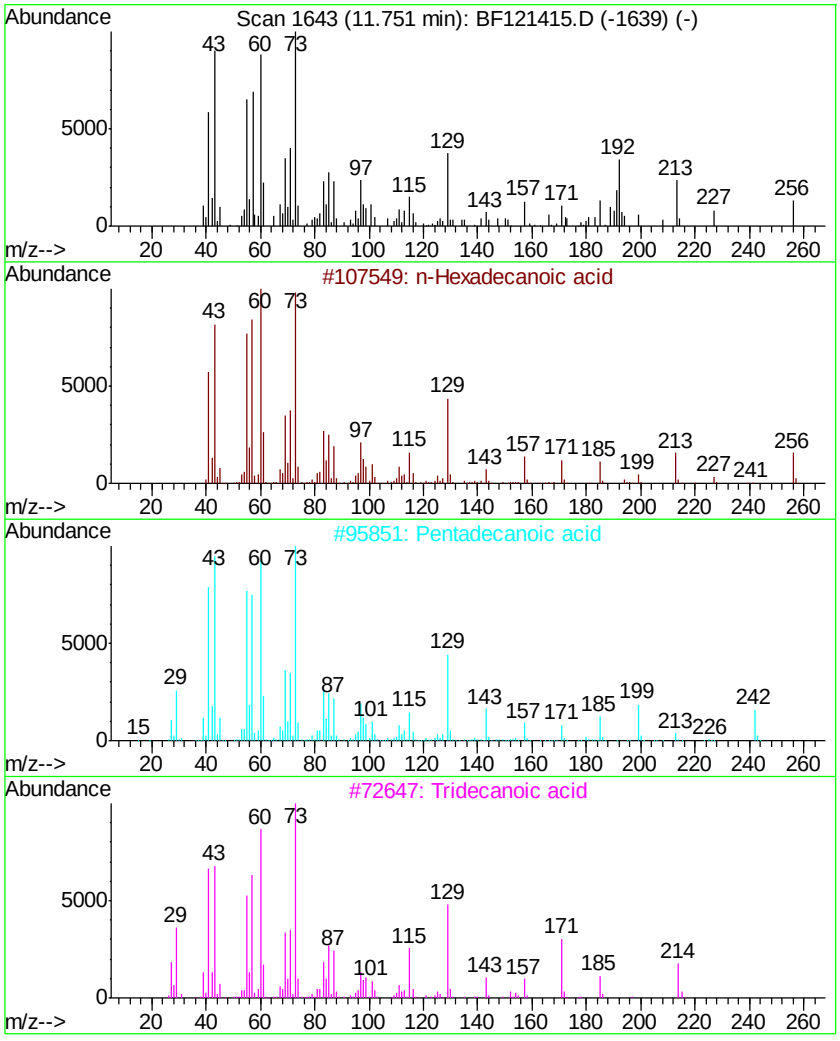
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

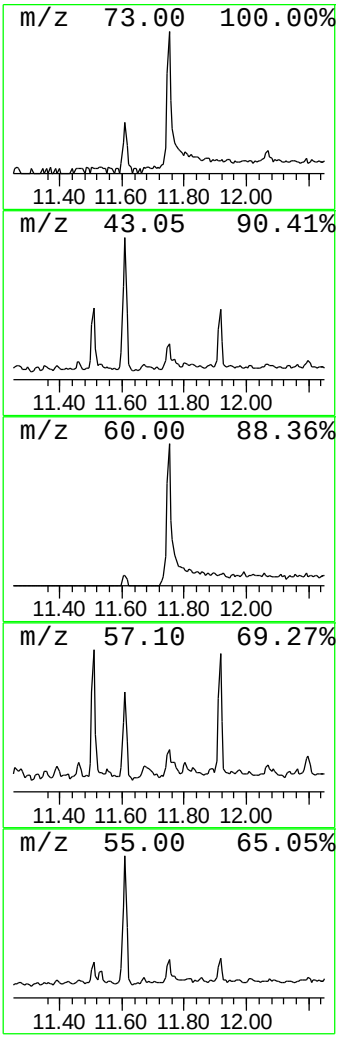
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	2.10 ng	142914	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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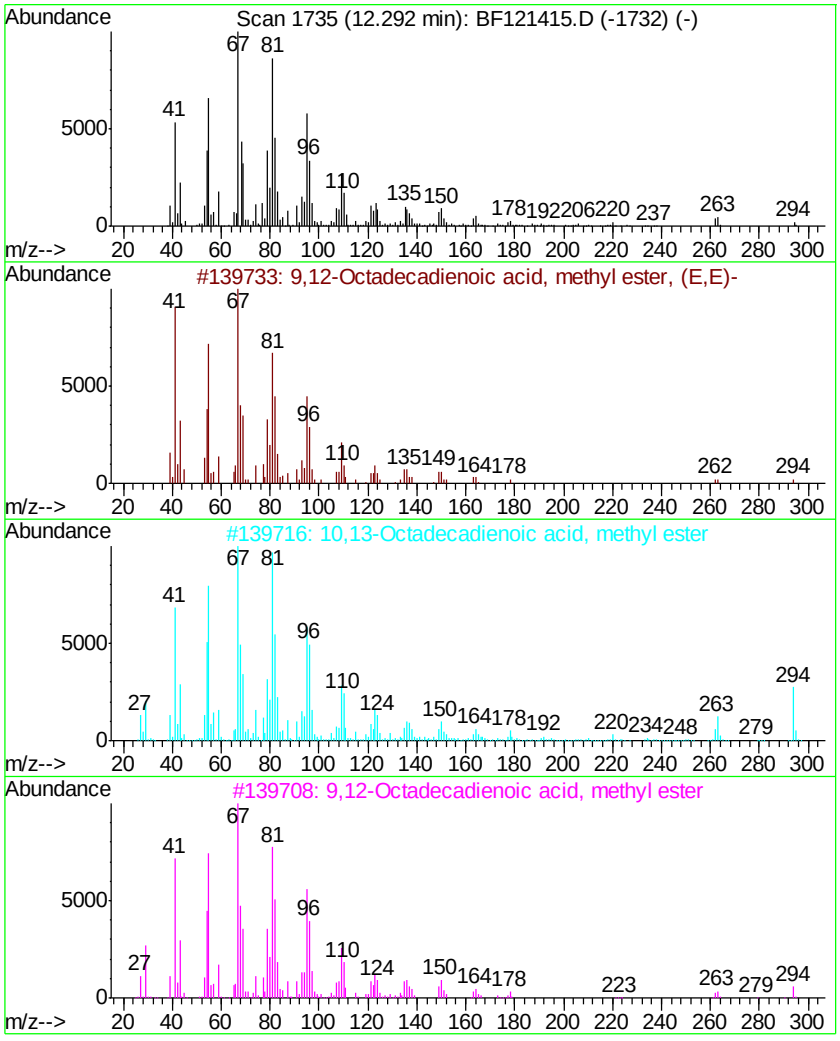
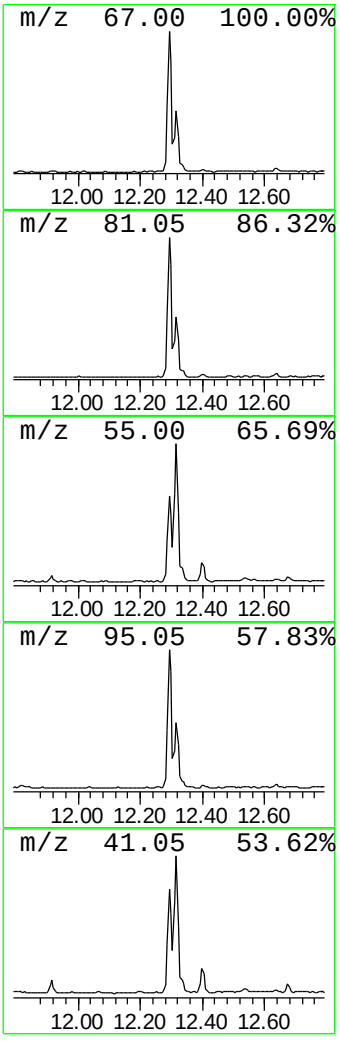
Peak Number 3 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	19.97 ng	1359390	Phenanthrene-d10	11.22

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	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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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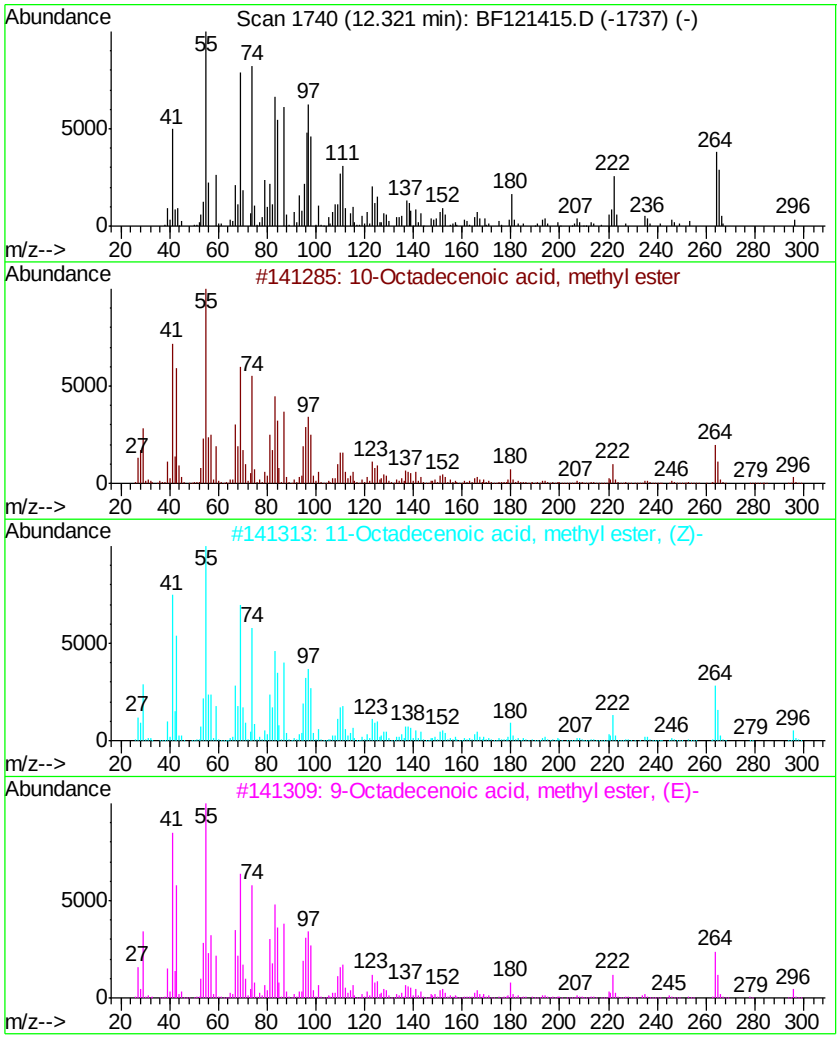
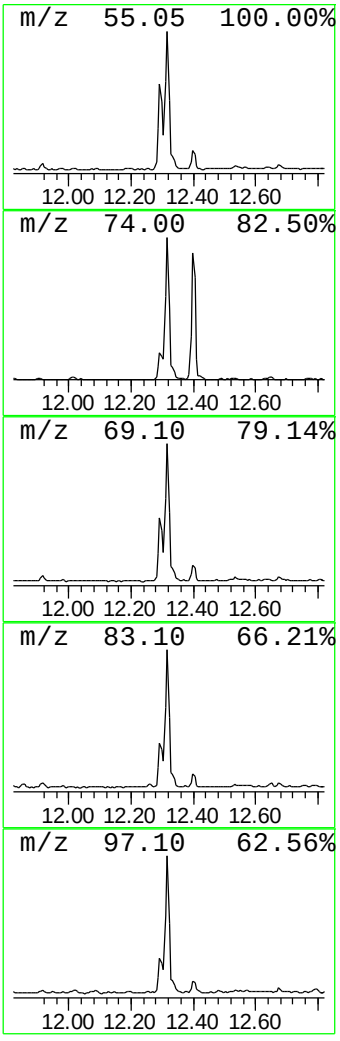
Peak Number 4 10-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	18.32 ng	1247490	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

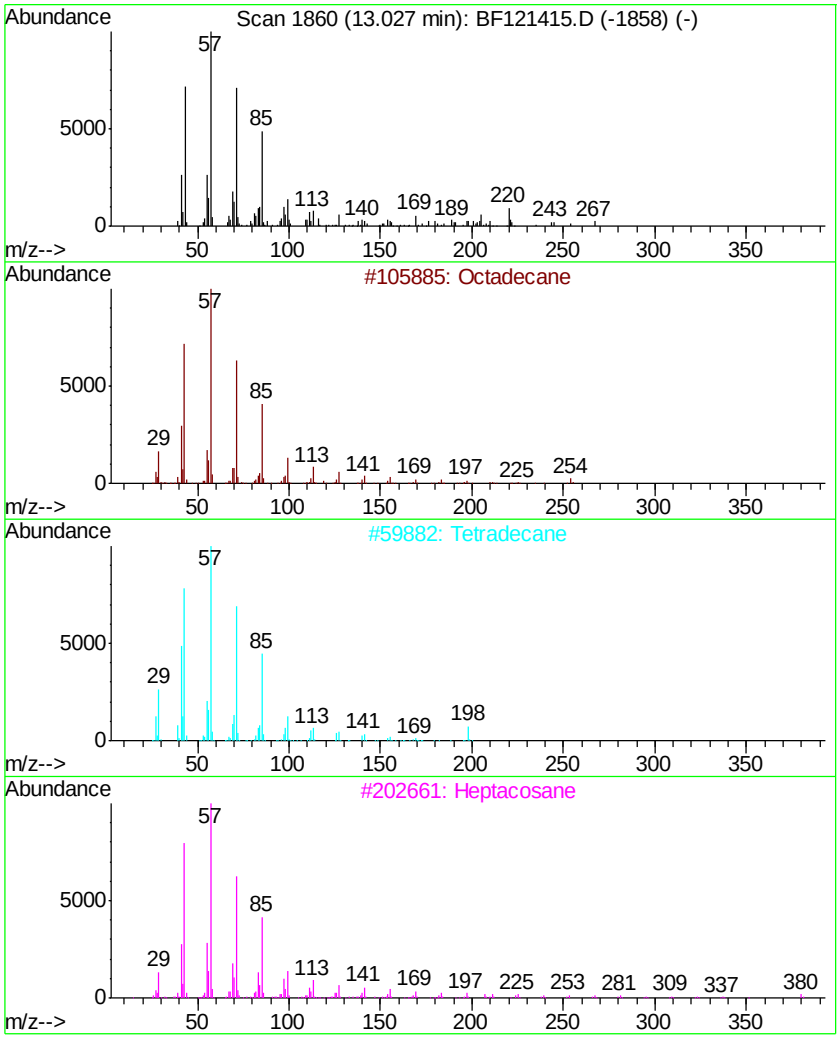
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

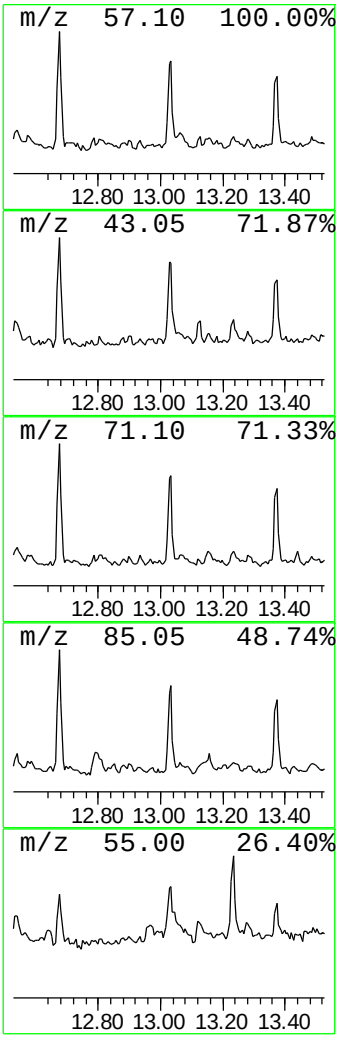
****

Peak Number 5 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.03 ng	120445	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Tetracosane	338	C24H50	000646-31-1	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

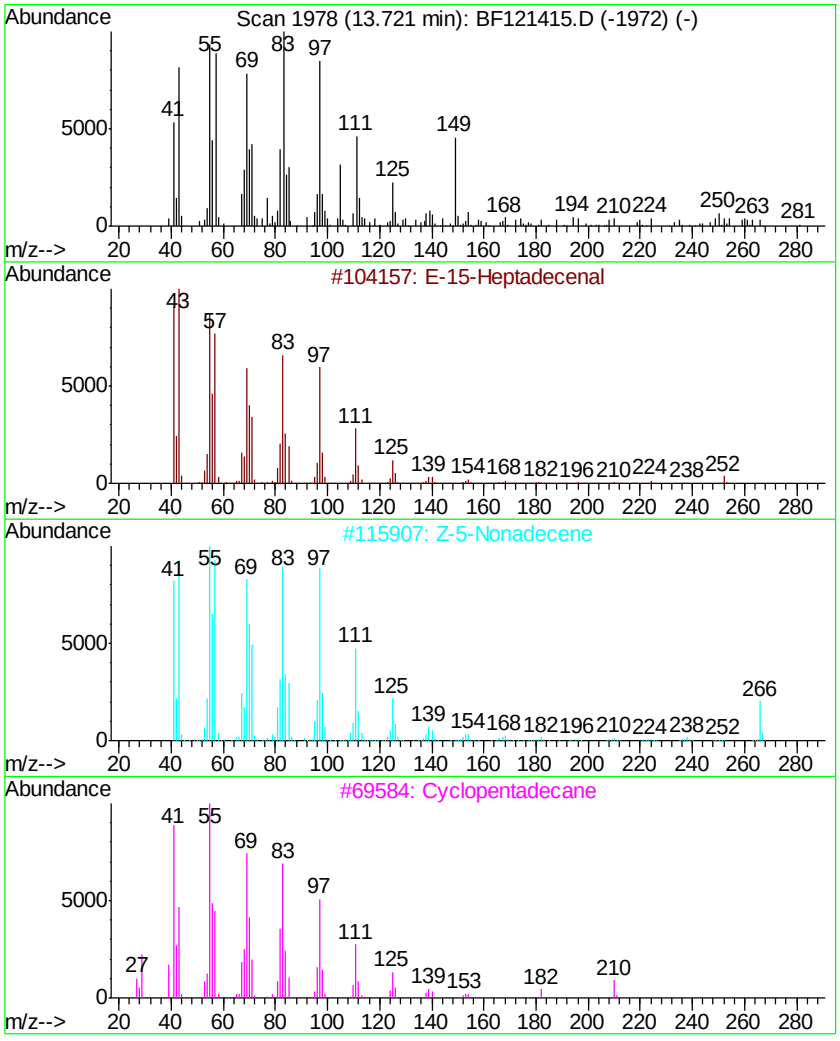
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

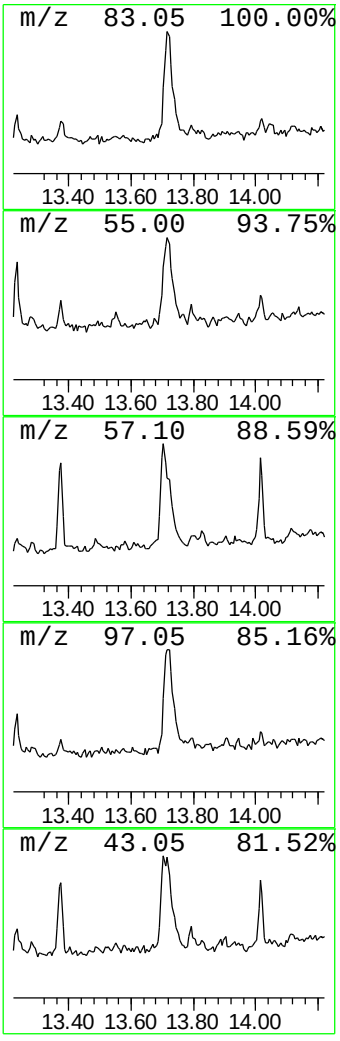
****

Peak Number 6 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.51 ng	267770	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	99
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	98
3	Cyclopentadecane	210	C15H30	000295-48-7	98
4	Cyclotridecane	182	C13H26	000295-02-3	95
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082420\
Data File : BF121415.D
Acq On : 24 Aug 2020 23:34
Operator : JU/CG
Sample : L3780-09 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-03-082120-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081920.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
Hexadecanoic acid...	11.61	7.3	ng	493985	4	11.22	1361690	20.0
n-Hexadecanoic acid	11.75	2.1	ng	142914	4	11.22	1361690	20.0
9,12-Octadecadien...	12.29	20.0	ng	1359390	4	11.22	1361690	20.0
10-Octadecenoic a...	12.32	18.3	ng	1247490	4	11.22	1361690	20.0
Octadecane	13.03	2.0	ng	120445	5	13.85	1187710	20.0
E-15-Heptadecenal	13.72	4.5	ng	267770	5	13.85	1187710	20.0