LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111610.D
Acq On : 20 Dec 2018 00:29
Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-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-BF121918.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	5.098	508	512	520	rVB	96349	101426	4.32%	0.298%
2	5.504	577	581	584	rBV	1954141	1647116	70.19%	4.845%
3	6.510	747	752	758	rBV	2193365	1943482	82.81%	5.717%
4	6.657	773	777	781	rBV	2061548	1797995	76.62%	5.289%
5	6.892	813	817	821	rBV	1696046	1408604	60.02%	4.144%
6	7.051	840	844	847	rBV	1709110	1342174	57.19%	3.948%
7	7.445	905	911	914	rBV	1342455	1088539	46.38%	3.202%
8	7.498	918	920	924	rVB	56188	38938	1.66%	0.115%
9	8.175	1031	1035	1038	rBV	2284218	1915553	81.62%	5.635%
10	8.198	1038	1039	1042	rVB	148231	70870	3.02%	0.208%
11	8.475	1080	1086	1088	rBV5	37377	44946	1.92%	0.132%
12	8.563	1098	1101	1104	rBV2	33707	32316	1.38%	0.095%
13	8.604	1105	1108	1110	rBV	45816	37826	1.61%	0.111%
14	8.681	1119	1121	1124	rBV3	37864	36561	1.56%	0.108%
15	8.775	1134	1137	1140	rBV	88164	78542	3.35%	0.231%
16	8.886	1150	1156	1160	rVB	114579	115572	4.92%	0.340%
17	8.986	1169	1173	1178	rBV2	86227	95016	4.05%	0.280%
18	9.204	1207	1210	1214	rVB2	51194	46823	2.00%	0.138%
19	9.251	1214	1218	1221	rVB	2380840	1960832	83.55%	5.768%
20	9.339	1228	1233	1238	rBV2	124732	144180	6.14%	0.424%
21	9.510	1258	1262	1267	rVB3	42827	61777	2.63%	0.182%
22	9.586	1269	1275	1278	rBV3	68723	87107	3.71%	0.256%
23	9.639	1281	1284	1286	rBV	303611	230510	9.82%	0.678%
24	9.716	1293	1297	1301	rVB2	32410	42741	1.82%	0.126%
25	9.869	1320	1323	1325	rVB	118936	89879	3.83%	0.264%
26	9.928	1330	1333	1337	rVV	2081504	1961272	83.57%	5.769%
27	9.963	1337	1339	1342	rVB	115907	89085	3.80%	0.262%
28	10.104	1358	1363	1365	rBV5	20272	37357	1.59%	0.110%
29	10.133	1365	1368	1371	rVB	104587	97745	4.17%	0.288%
30	10.363	1404	1407	1410	rVB	126756	111730	4.76%	0.329%
31	10.475	1423	1426	1428	rBV	182287	141521	6.03%	0.416%
32	10.586	1442	1445	1448	rVV	53453	49793	2.12%	0.146%
33	10.633	1451	1453	1457	rVB3	37759	36630	1.56%	0.108%
34	10.710	1462	1466	1470	rBV	1441313	1158607	49.37%	3.408%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-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-BF121918.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.839	1485	1488	1490	rBV	144894	140615	5.99%	0.414%
36	11.022	1516	1519	1522	rBV2	33698	36163	1.54%	0.106%
37	11.286	1561	1564	1566	rBV	123903	89629	3.82%	0.264%
38	11.316	1566	1569	1575	rVB2	71488	105793	4.51%	0.311%
39	11.410	1581	1585	1588	rBV	1833350	1761040	75.04%	5.180%
40	11.433	1588	1589	1592	rVV	652602	424151	18.07%	1.248%
41	11.486	1595	1598	1601	rVB	194482	162938	6.94%	0.479%
42	11.633	1620	1623	1626	rBV	52962	42605	1.82%	0.125%
43	11.710	1633	1636	1638	rBV	112769	97207	4.14%	0.286%
44	11.733	1638	1640	1644	rVB2	36530	43959	1.87%	0.129%
45	11.810	1649	1653	1656	rBV	1021663	784576	33.43%	2.308%
46	11.910	1668	1670	1672	rBV	73255	70110	2.99%	0.206%
47	11.939	1672	1675	1679	rVB	283088	255714	10.90%	0.752%
48	12.022	1686	1689	1692	rBV2	132285	147421	6.28%	0.434%
49	12.116	1703	1705	1709	rVB	84066	70960	3.02%	0.209%
50	12.204	1718	1720	1730	rVB3	53964	88891	3.79%	0.261%
51	12.463	1760	1764	1766	rBV2	67995	71986	3.07%	0.212%
52	12.492	1766	1769	1771	rBV	2322285	2290893	97.62%	6.739%
53	12.516	1771	1773	1776	rVB	3040659	2346786	100.00%	6.903%
54	12.598	1784	1787	1789	rBV	360642	324382	13.82%	0.954%
55	12.622	1789	1791	1794	rVB	579094	441051	18.79%	1.297%
56	12.722	1805	1808	1810	rBV3	65260	65662	2.80%	0.193%
57	12.851	1824	1830	1832	rBV	486288	528244	22.51%	1.554%
58	12.874	1832	1834	1837	rVB2	81393	74791	3.19%	0.220%
59	12.992	1850	1854	1858	rVB	1820481	1491902	63.57%	4.389%
60	13.174	1883	1885	1888	rVB	75851	74998	3.20%	0.221%
61	13.245	1892	1897	1900	rBV2	128029	172030	7.33%	0.506%
62	13.280	1901	1903	1905	rVB2	54302	44317	1.89%	0.130%
63	13.574	1951	1953	1956	rBV	83779	69744	2.97%	0.205%
64	13.892	2003	2007	2012	rBV7	232641	373919	15.93%	1.100%
65	14.045	2028	2033	2036	rBV	1714893	1749520	74.55%	5.146%
66	14.068	2036	2037	2039	rVB	196517	108147	4.61%	0.318%
67	14.521	2112	2114	2117	rBV	201449	180502	7.69%	0.531%
68	14.833	2165	2167	2170	rVB	134662	109951	4.69%	0.323%
69	15.515	2279	2283	2287	rVB	830418	1011096	43.08%	2.974%

Sum of corrected areas: 33994758

LSC Report - Integrated Chromatogram

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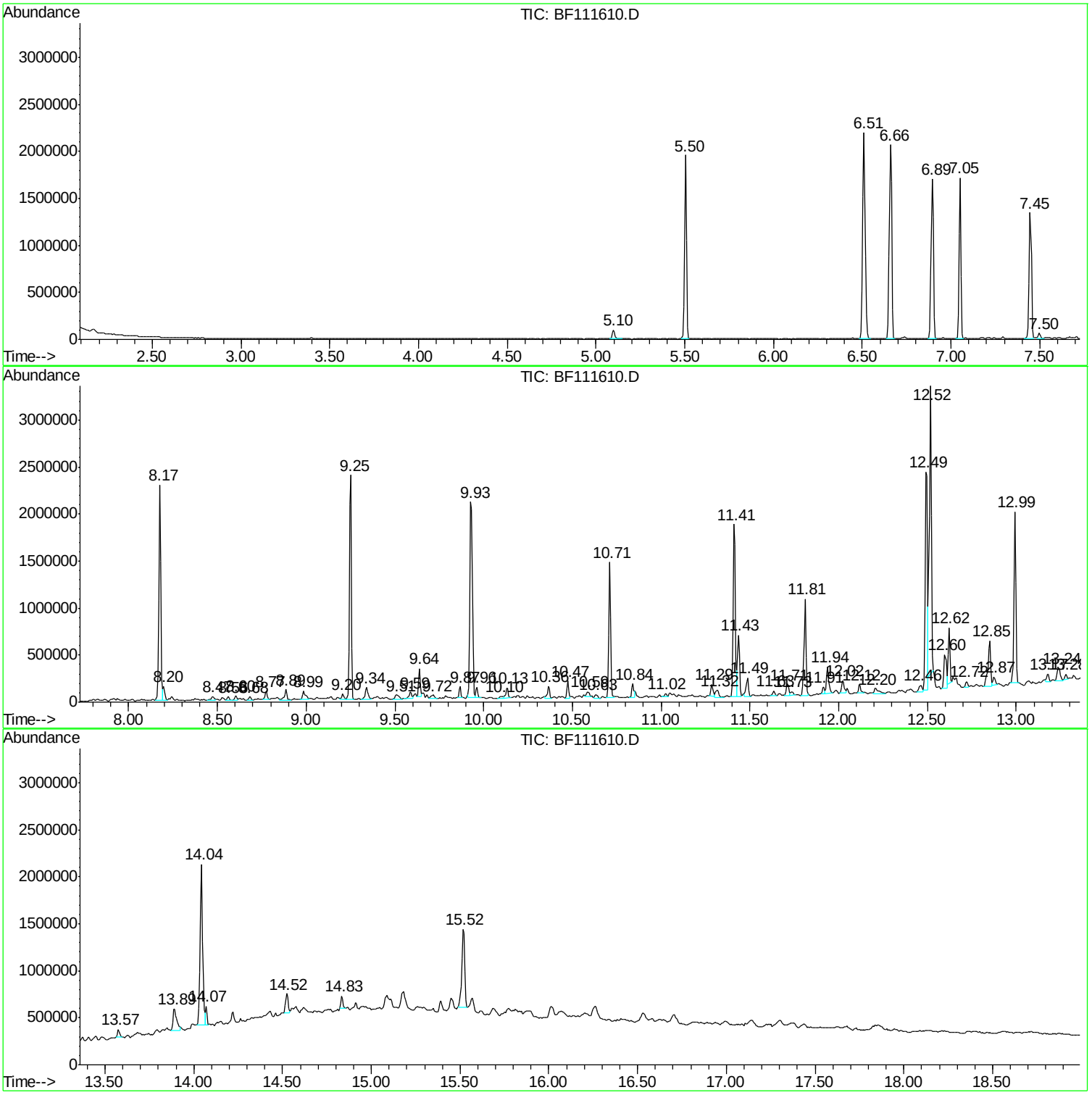
Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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\BF121918\
Data File : BF111610.D
Acq On : 20 Dec 2018 00:29
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Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
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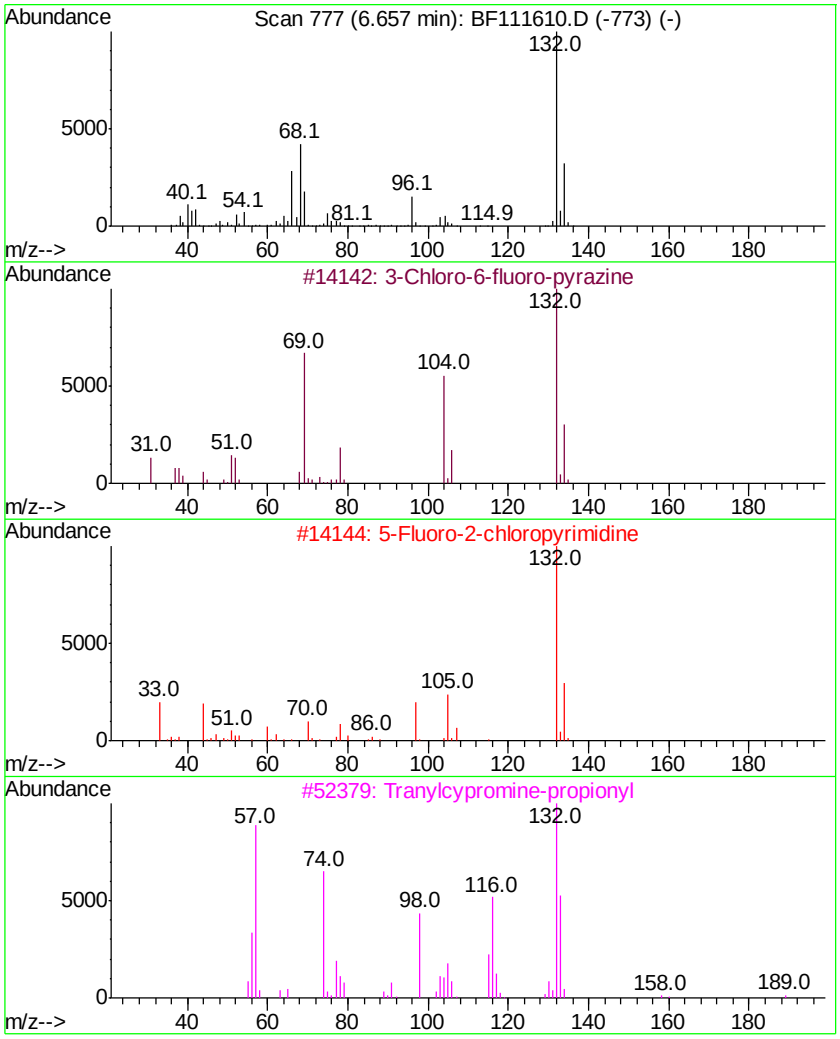
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

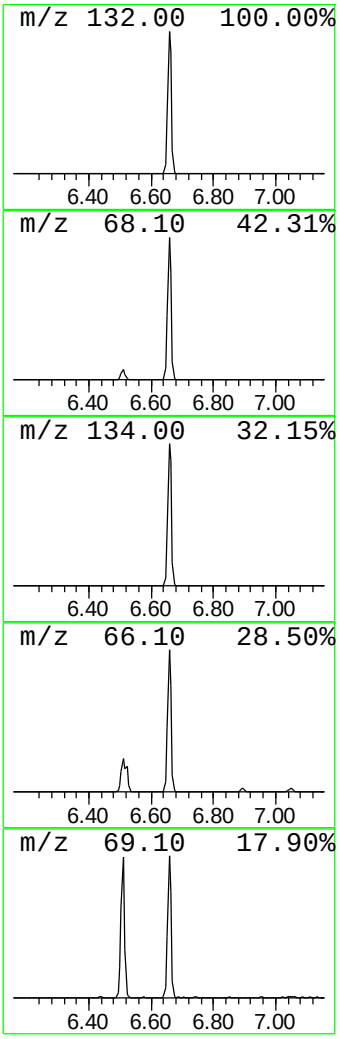
****

Peak Number 1 unknown6.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	25.53 ng	1798000	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111610.D
Acq On : 20 Dec 2018 00:29
Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

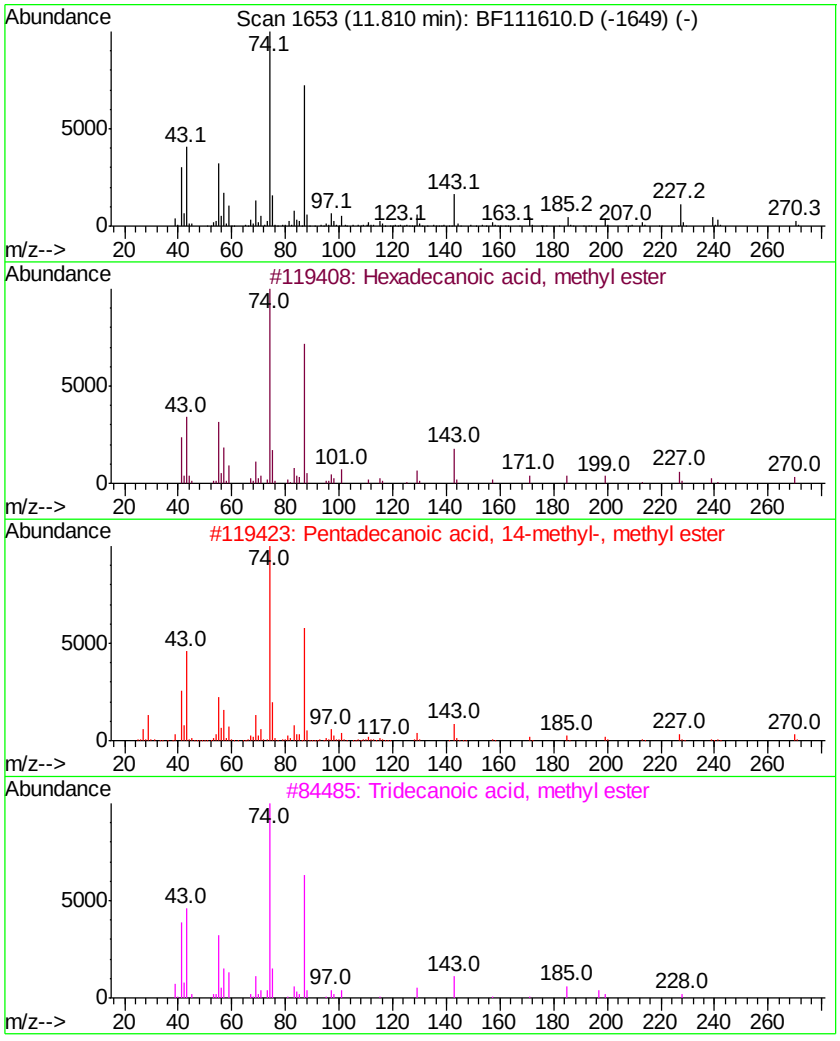
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

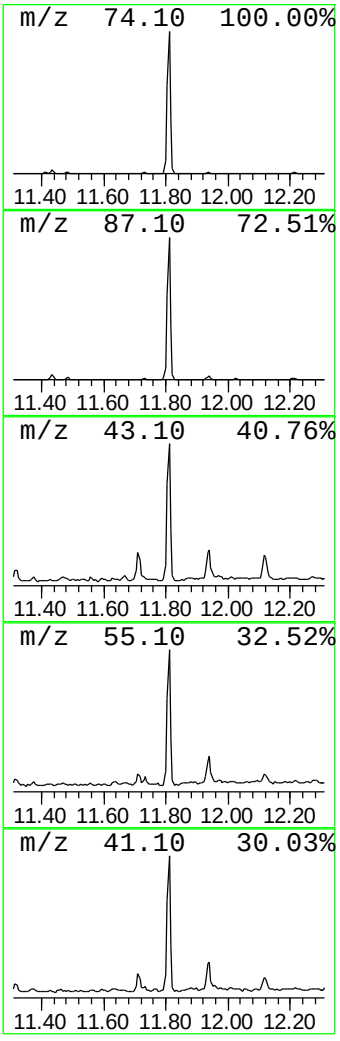
****

Peak Number 3 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.91 ng	784576	Phenanthrene-d10	11.41

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	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111610.D
Acq On : 20 Dec 2018 00:29
Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

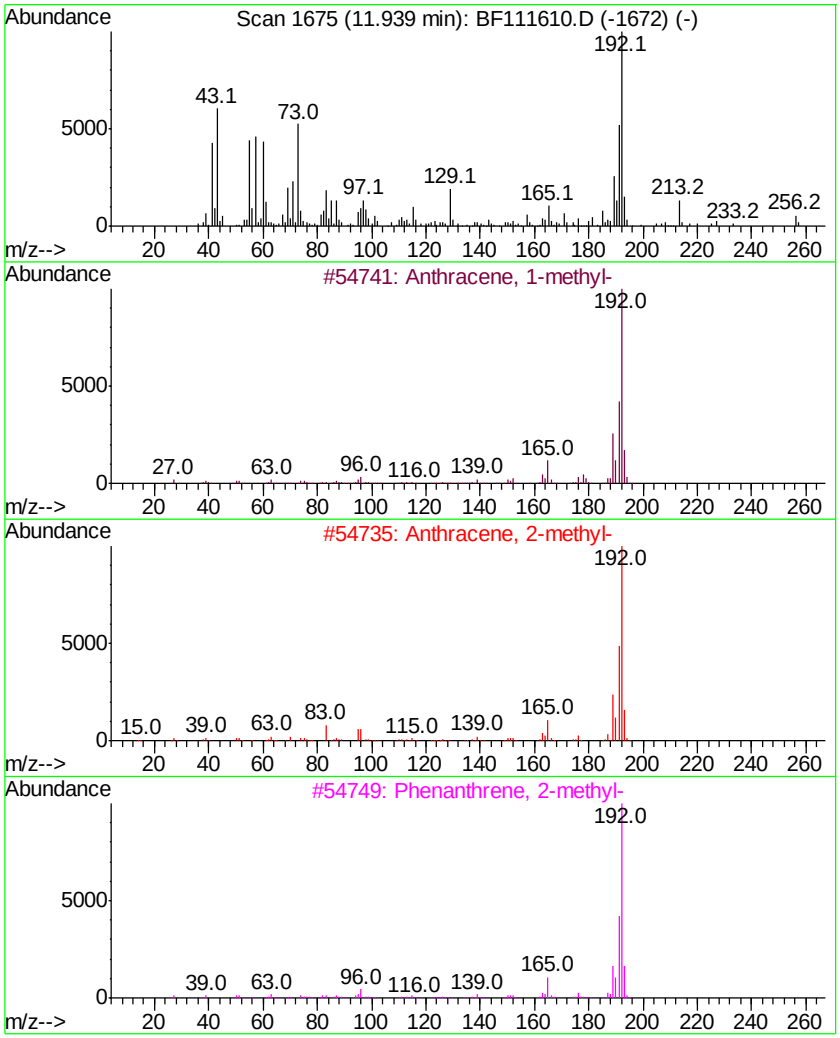
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

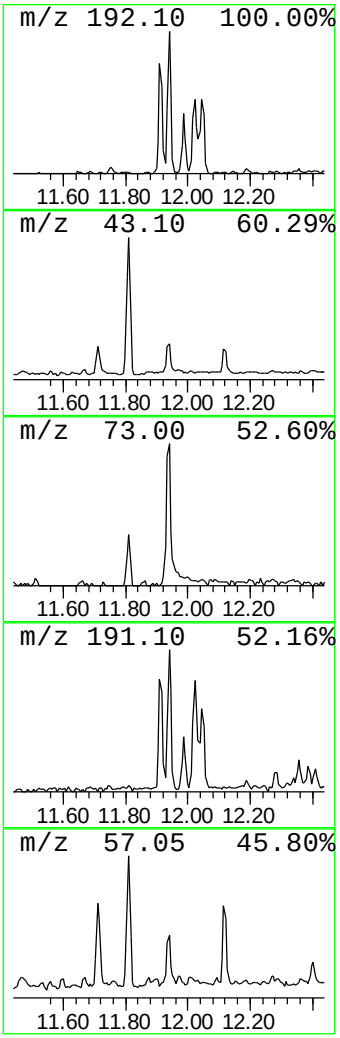
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	2.90 ng	255714	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

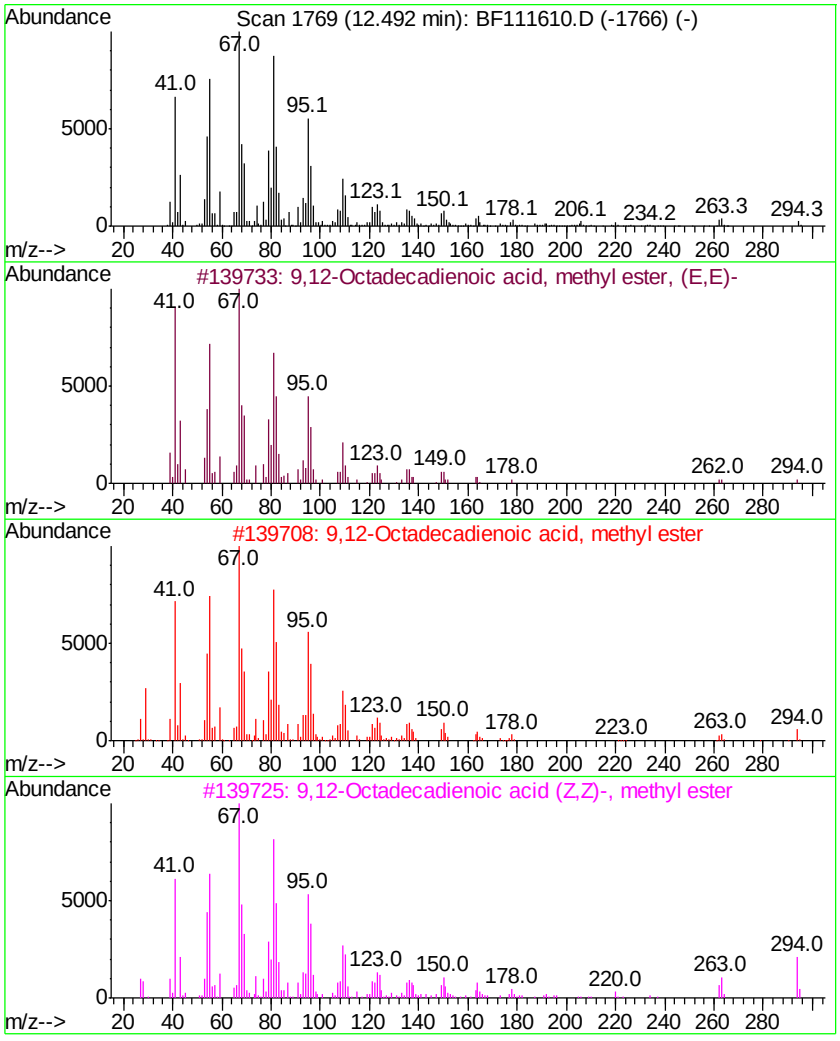
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

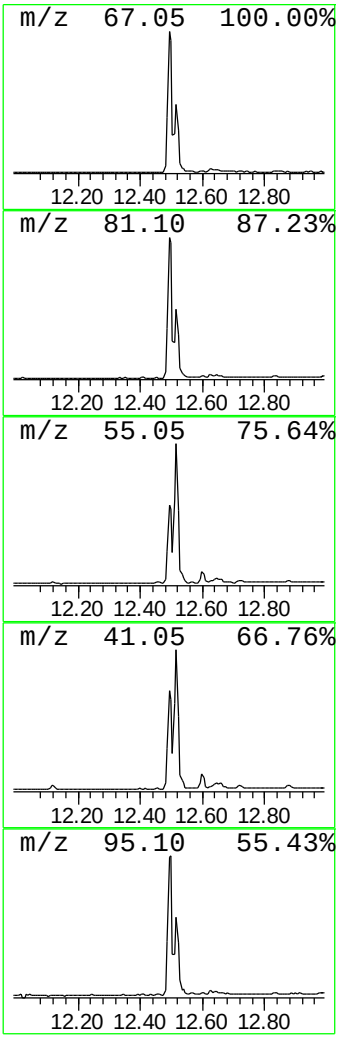
****

Peak Number 5 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	26.02 ng	2290890	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Library Search Compound Report

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Data File : BF111610.D
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Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

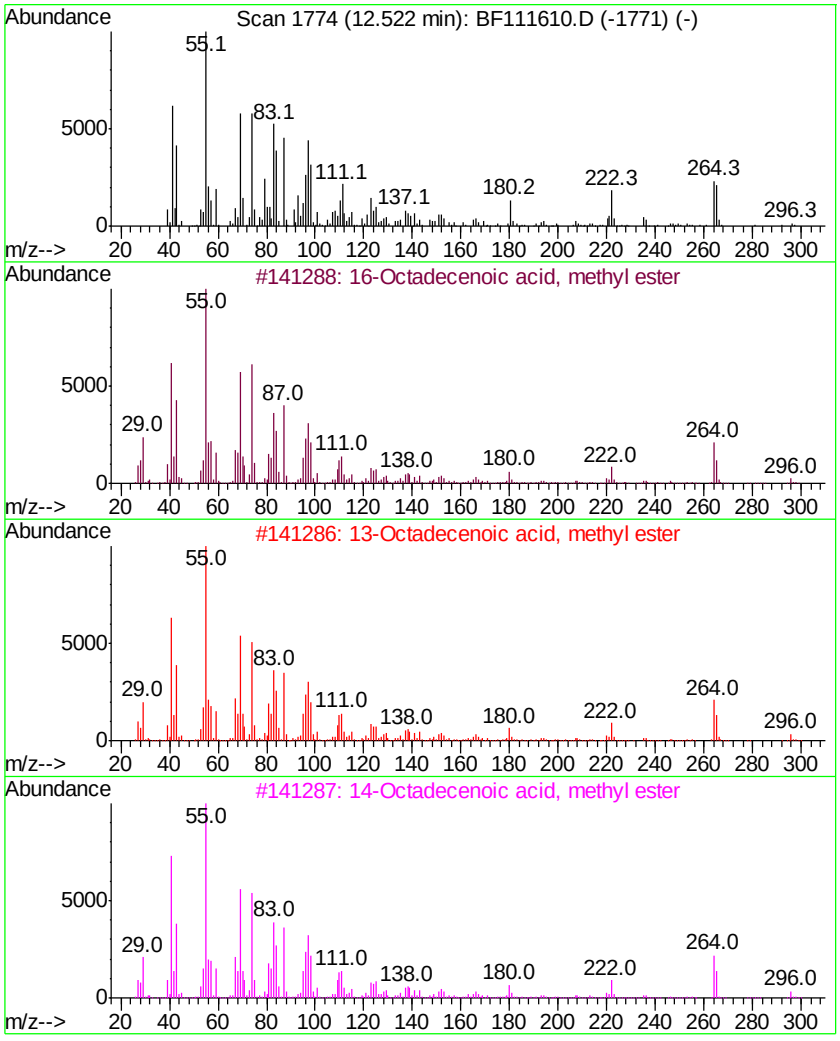
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

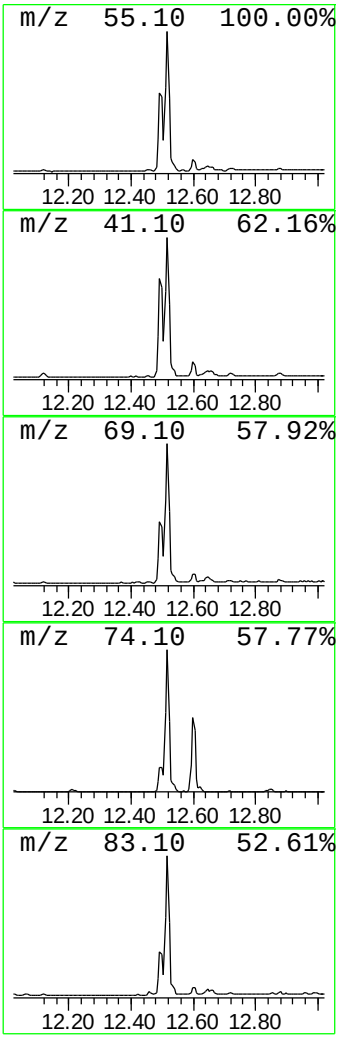
****

Peak Number 6 16-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	26.65 ng	2346790	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
4	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	96
5	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	91





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Misc :
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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

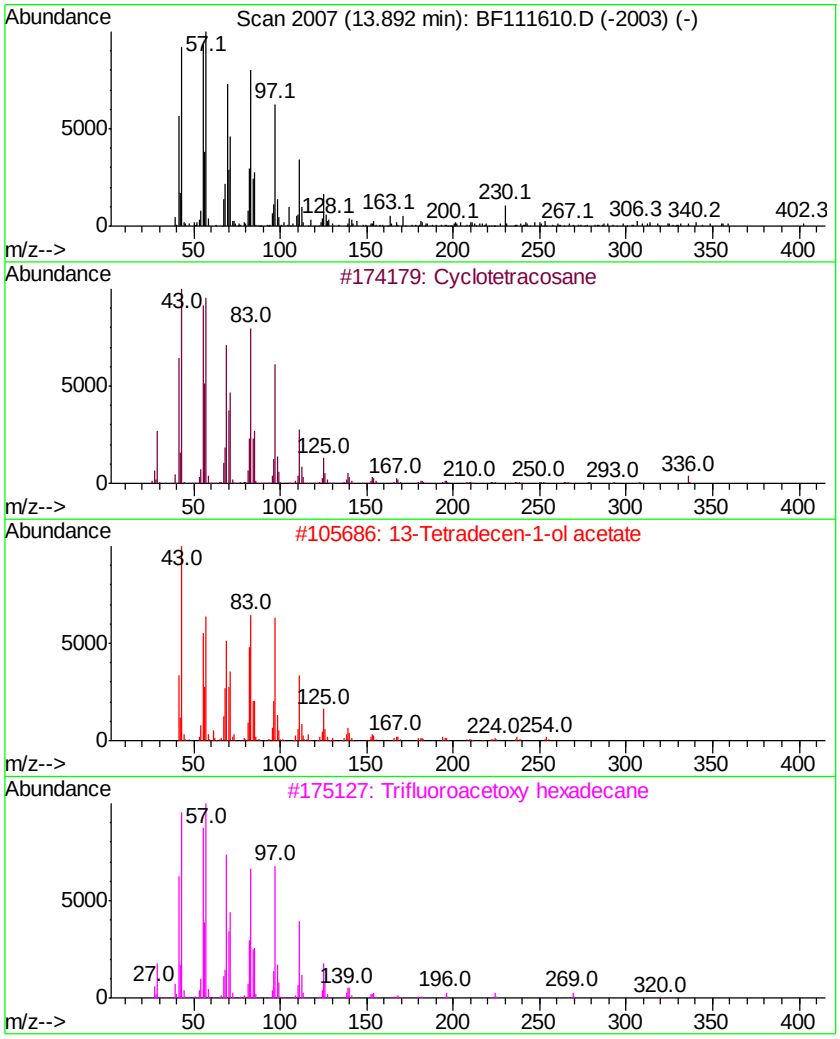
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

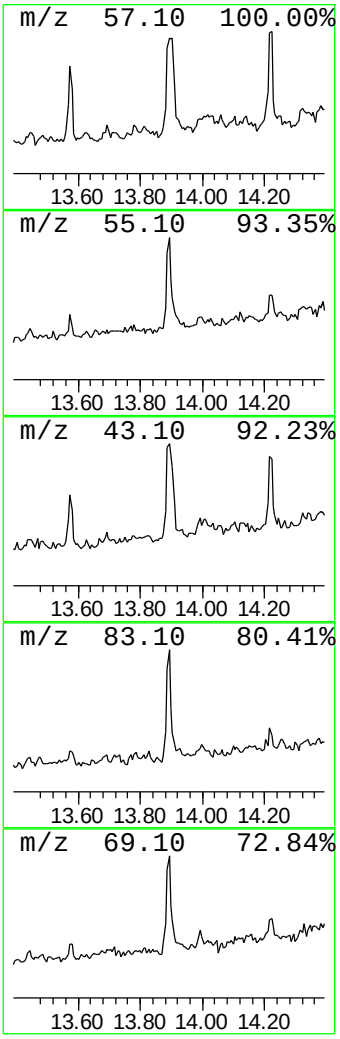
****

Peak Number 7 Cyclotetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	4.27 ng	373919	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
5	1-Tricosene	322	C23H46	018835-32-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111610.D
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Operator : JU/SJ
Sample : J6196-09 2X
Misc :
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Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

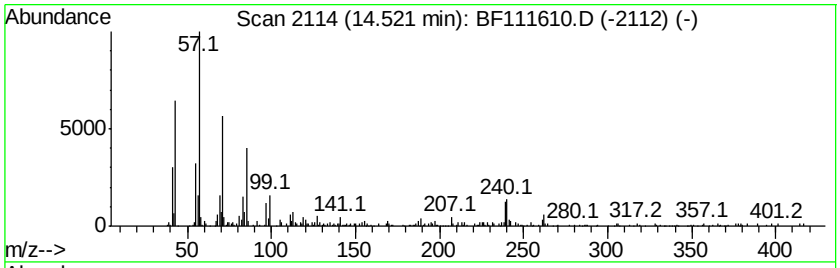
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

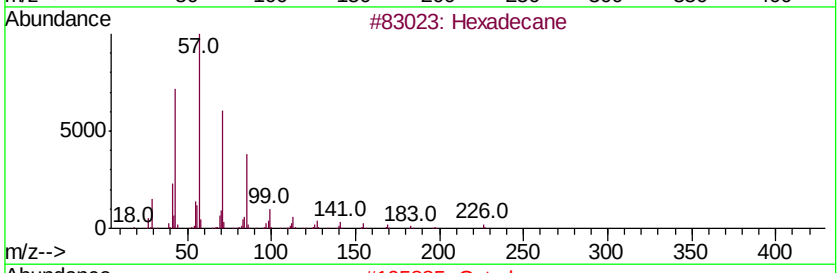
****

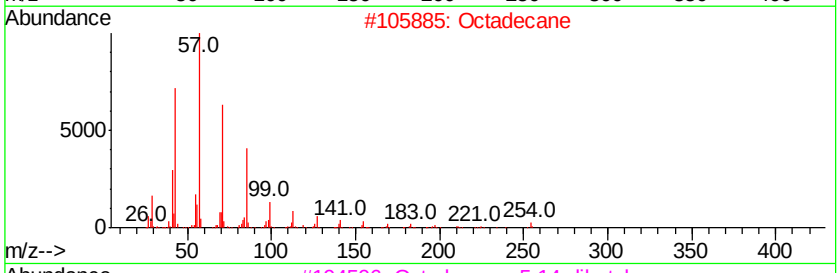
Peak Number 8 Hexadecane Concentration Rank 9

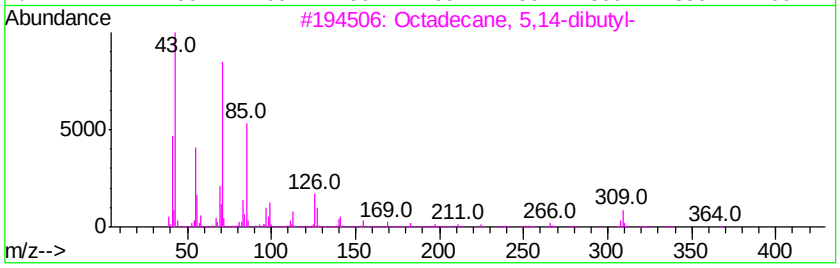
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.06 ng	180502	Chrysene-d12	14.05

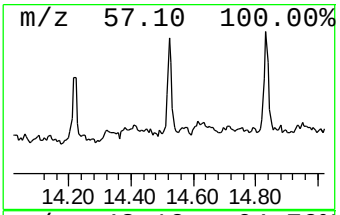
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	92
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	86

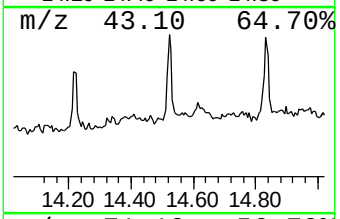


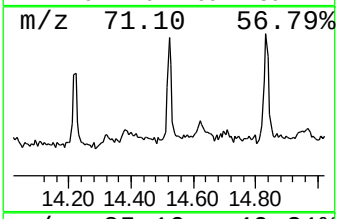


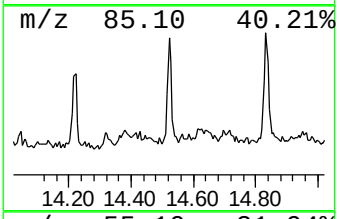


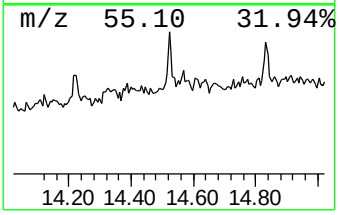












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
Data File : BF111610.D
Acq On : 20 Dec 2018 00:29
Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

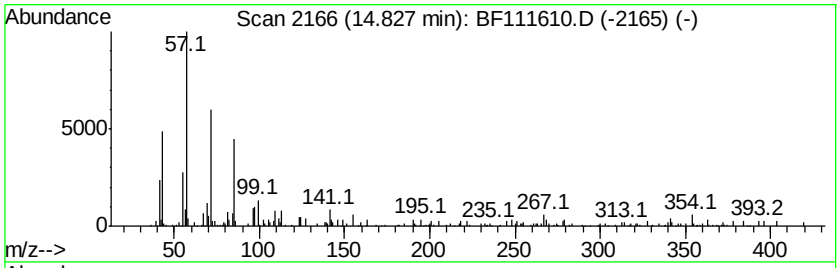
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

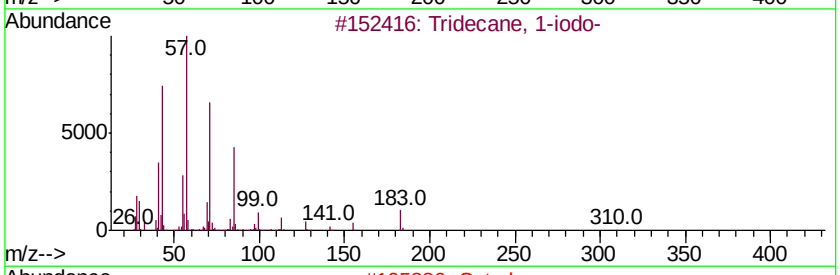
****

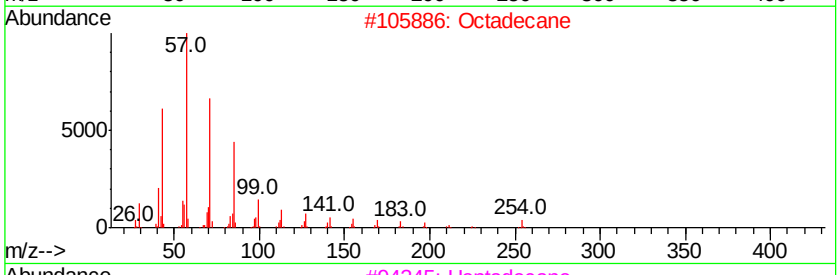
Peak Number 9 Tridecane, 1-iodo- Concentration Rank 8

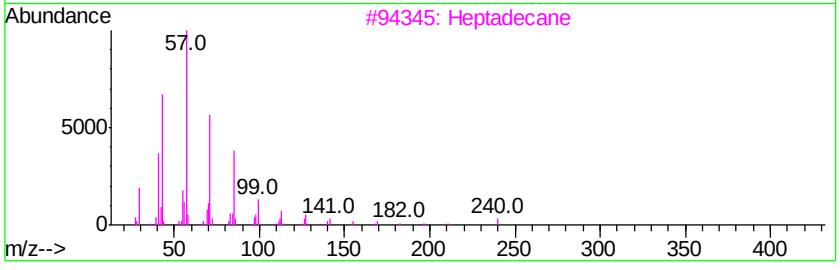
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.83	2.17 ng	109951	Perylene-d12	15.52

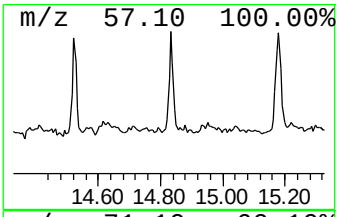
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Octadecane	254	C18H38	000593-45-3	87
3	Heptadecane	240	C17H36	000629-78-7	86
4	Pentadecane	212	C15H32	000629-62-9	83
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80

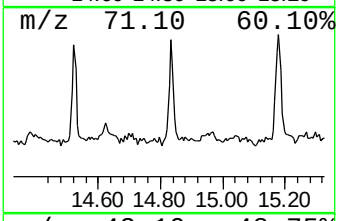


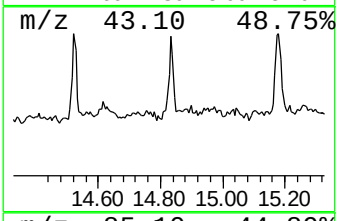


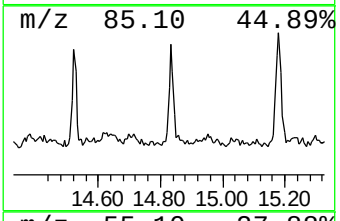


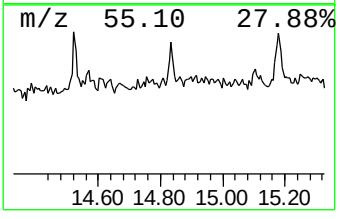












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121918\
Data File : BF111610.D
Acq On : 20 Dec 2018 00:29
Operator : JU/SJ
Sample : J6196-09 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-01-121818-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121918.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
unknown6.66	6.66	25.5	ng	1798000	1	6.89	1408600	20.0
Hexadecanoic acid...	11.81	8.9	ng	784576	4	11.41	1761040	20.0
Anthracene, 1-met...	11.94	2.9	ng	255714	4	11.41	1761040	20.0
9,12-Octadecadien...	12.49	26.0	ng	2290890	4	11.41	1761040	20.0
16-Octadecenoic a...	12.52	26.6	ng	2346790	4	11.41	1761040	20.0
Cyclotetracosane	13.89	4.3	ng	373919	5	14.05	1749520	20.0
Hexadecane	14.52	2.1	ng	180502	5	14.05	1749520	20.0
Tridecane, 1-iodo-	14.83	2.2	ng	109951	6	15.52	1011100	20.0