LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	510	512	526	rBV	48932	84229	2.61%	0.218%
2	5.492	576	579	605	rBV	1987630	3116515	96.62%	8.066%
3	6.510	749	752	771	rBV	1974945	3225657	100.00%	8.349%
4	6.645	771	775	789	rVB	2616293	3001384	93.05%	7.768%
5	6.869	810	813	830	rVB	795390	864895	26.81%	2.239%
6	7.022	836	839	855	rBV	2020028	2267983	70.31%	5.870%
7	7.439	906	910	927	rBV	1490320	2070340	64.18%	5.359%
8	8.151	1028	1031	1051	rVB	831740	1233241	38.23%	3.192%
9	8.728	1126	1129	1133	rBV	74864	62115	1.93%	0.161%
10	8.875	1151	1154	1159	rBV2	26268	45691	1.42%	0.118%
11	8.969	1167	1170	1174	rBV3	22240	32656	1.01%	0.085%
12	9.028	1174	1180	1182	rBV	42202	47559	1.47%	0.123%
13	9.086	1187	1190	1196	rVV	216214	210096	6.51%	0.544%
14	9.157	1200	1202	1207	rVB	61745	50869	1.58%	0.132%
15	9.204	1207	1210	1211	rBV	287726	239192	7.42%	0.619%
16	9.228	1211	1214	1222	rVV	2725444	2815314	87.28%	7.287%
17	9.292	1222	1225	1229	rVV	171235	165273	5.12%	0.428%
18	9.333	1229	1232	1237	rVV2	71269	88951	2.76%	0.230%
19	9.398	1240	1243	1254	rVB3	47849	100875	3.13%	0.261%
20	9.610	1275	1279	1282	rBV3	146994	176127	5.46%	0.456%
21	9.645	1283	1285	1287	rVB	56270	44368	1.38%	0.115%
22	9.710	1292	1296	1300	rVB3	50077	75727	2.35%	0.196%
23	9.775	1302	1307	1311	rBV	156542	247968	7.69%	0.642%
24	9.822	1311	1315	1319	rVB	216519	196050	6.08%	0.507%
25	9.910	1326	1330	1334	rBV	1072842	999592	30.99%	2.587%
26	10.116	1362	1365	1368	rVV2	33064	47811	1.48%	0.124%
27	10.145	1368	1370	1374	rVB3	50866	58881	1.83%	0.152%
28	10.233	1380	1385	1388	rBV3	61795	84511	2.62%	0.219%
29	10.298	1393	1396	1397	rVV	103679	91369	2.83%	0.236%
30	10.322	1397	1400	1403	rVV2	286481	268238	8.32%	0.694%
31	10.357	1403	1406	1413	rVB5	44715	86987	2.70%	0.225%
32	10.463	1421	1424	1432	rVB	66124	92280	2.86%	0.239%
33	10.545	1432	1438	1440	rBV2	112428	143109	4.44%	0.370%
34	10.710	1462	1466	1478	rBV	1267662	1483764	46.00%	3.840%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.798	1478	1481	1486	rBV2	222351	304916	9.45%	0.789%
36	10.898	1496	1498	1503	rVB	38219	39636	1.23%	0.103%
37	11.245	1555	1557	1559	rBV	150570	107386	3.33%	0.278%
38	11.274	1559	1562	1565	rVB	66749	55535	1.72%	0.144%
39	11.339	1570	1573	1576	rBV2	40604	38485	1.19%	0.100%
40	11.404	1581	1584	1587	rBV	857940	912730	28.30%	2.362%
41	11.433	1587	1589	1595	rVV	597176	574783	17.82%	1.488%
42	11.486	1595	1598	1602	rVV	208438	220171	6.83%	0.570%
43	11.551	1606	1609	1614	rVB	232022	193920	6.01%	0.502%
44	11.645	1623	1625	1628	rVV	56301	50944	1.58%	0.132%
45	11.674	1628	1630	1632	rVB	115851	79641	2.47%	0.206%
46	11.916	1667	1671	1673	rBV2	189283	209922	6.51%	0.543%
47	11.951	1673	1677	1680	rVB	903934	793316	24.59%	2.053%
48	12.021	1686	1689	1697	rVB2	182783	245260	7.60%	0.635%
49	12.080	1697	1699	1702	rBV	107226	85708	2.66%	0.222%
50	12.204	1717	1720	1723	rBV	51589	64791	2.01%	0.168%
51	12.245	1725	1727	1731	rVB2	70878	64088	1.99%	0.166%
52	12.469	1761	1765	1768	rBV2	117958	130137	4.03%	0.337%
53	12.627	1788	1792	1796	rBV	1390861	1255375	38.92%	3.249%
54	12.780	1815	1818	1820	rBV2	43533	41102	1.27%	0.106%
55	12.857	1825	1831	1837	rBV	1063980	1361593	42.21%	3.524%
56	12.992	1849	1854	1857	rBV	1969381	1914811	59.36%	4.956%
57	13.198	1885	1889	1892	rVB2	197655	290089	8.99%	0.751%
58	13.251	1895	1898	1901	rBV	138304	140725	4.36%	0.364%
59	13.386	1919	1921	1924	rBV	47751	51889	1.61%	0.134%
60	13.416	1924	1926	1930	rVB2	57500	62452	1.94%	0.162%
61	13.545	1945	1948	1952	rBV	147437	155209	4.81%	0.402%
62	13.810	1991	1993	1995	rBV	87590	77050	2.39%	0.199%
63	13.833	1995	1997	2000	rVV	79675	70845	2.20%	0.183%
64	13.868	2000	2003	2009	rVV4	325053	441968	13.70%	1.144%
65	14.010	2024	2027	2030	rBV	224978	172180	5.34%	0.446%
66	14.063	2031	2036	2039	rVV2	817834	1308836	40.58%	3.388%
67	14.086	2039	2040	2047	rVB	474188	403962	12.52%	1.046%
68	14.168	2052	2054	2056	rBV	120785	106858	3.31%	0.277%
69	15.127	2213	2217	2220	rBV	434055	661814	20.52%	1.713%
70	15.445	2267	2271	2275	rBV	277168	344779	10.69%	0.892%
71	15.509	2278	2282	2289	rVB	354379	476049	14.76%	1.232%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.574	2289	2293	2296	rBV	293044	375009	11.63%	0.971%
73	17.115	2550	2555	2562	rVB	246693	484009	15.00%	1.253%
74	17.586	2630	2635	2645	rVB	196309	448906	13.92%	1.162%

Sum of corrected areas: 38636496

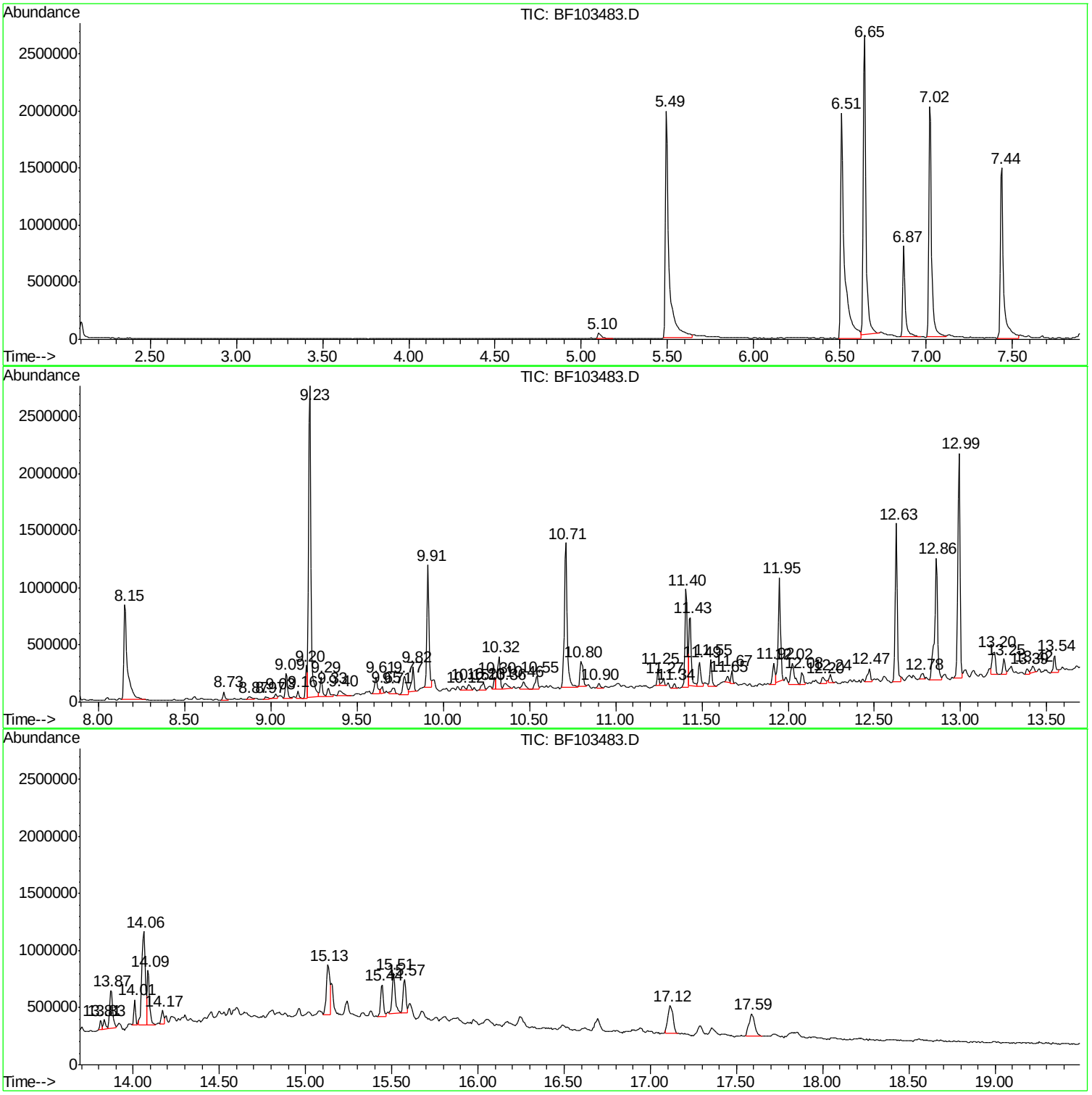
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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 : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

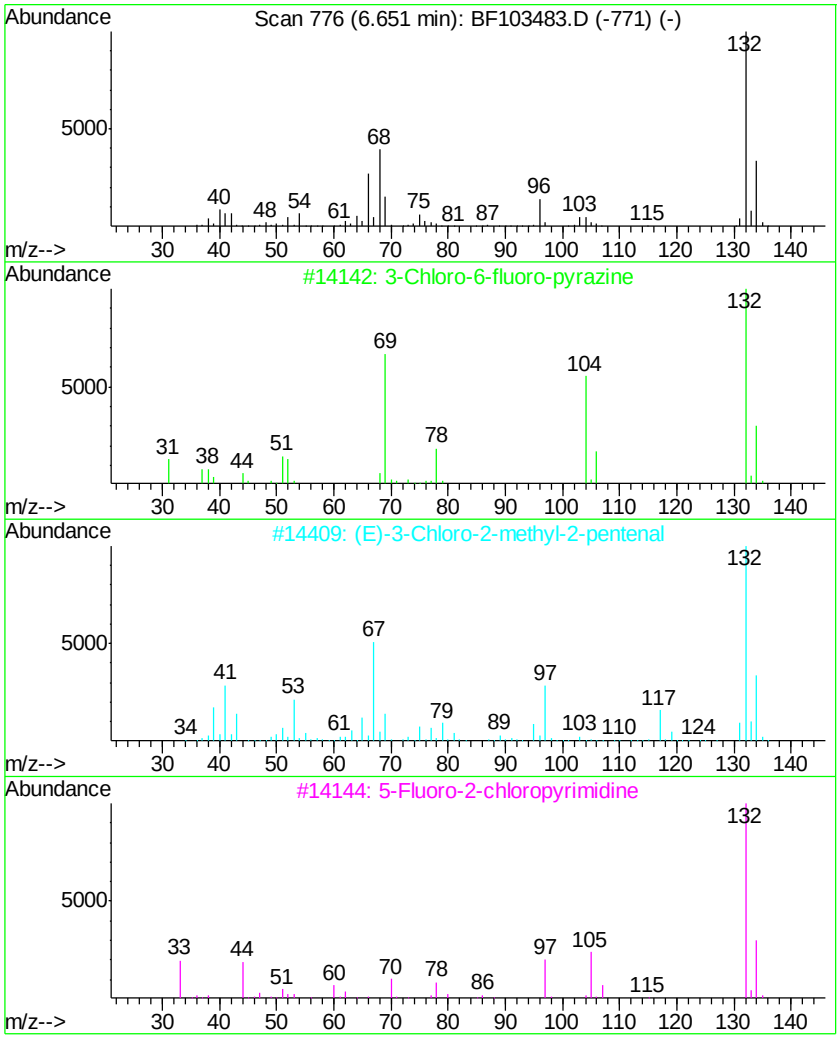
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

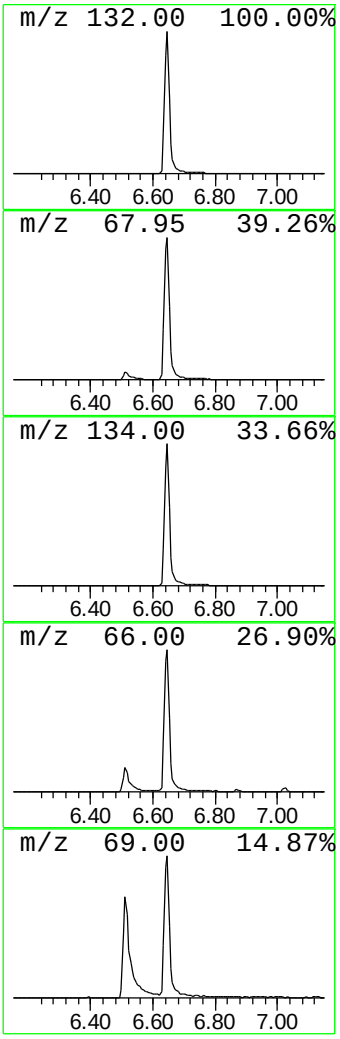
****

Peak Number 1 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	69.40 ng	3001380	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

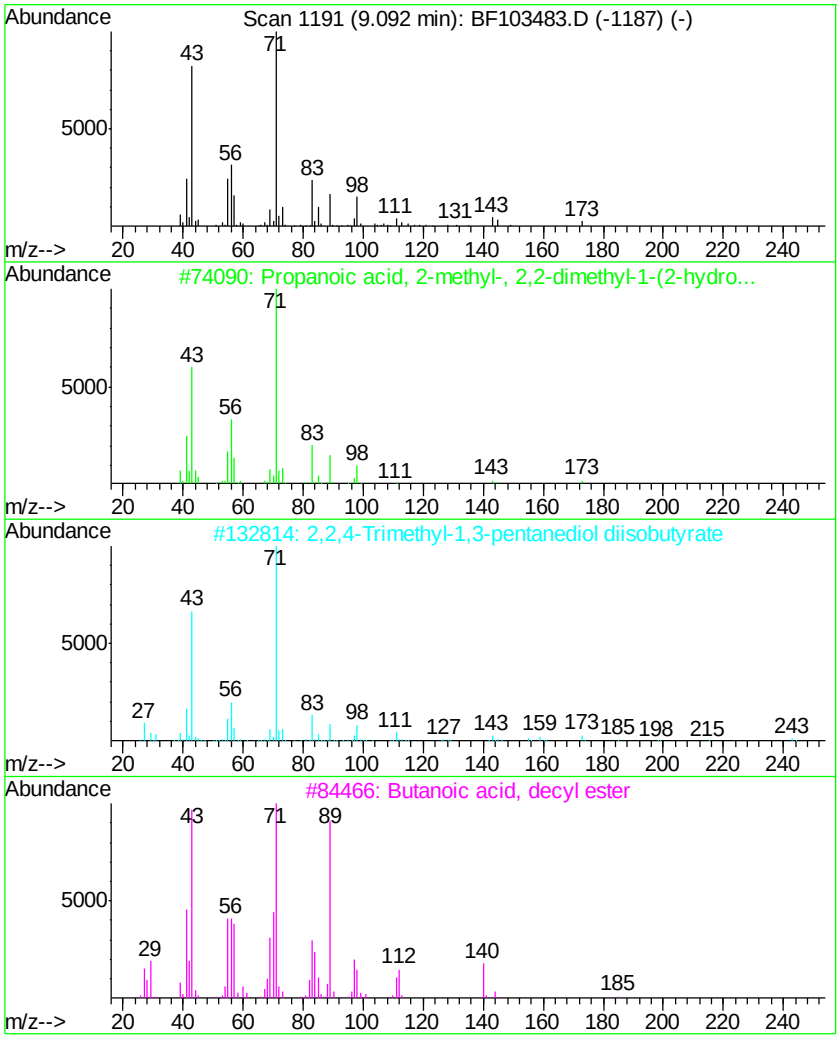
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

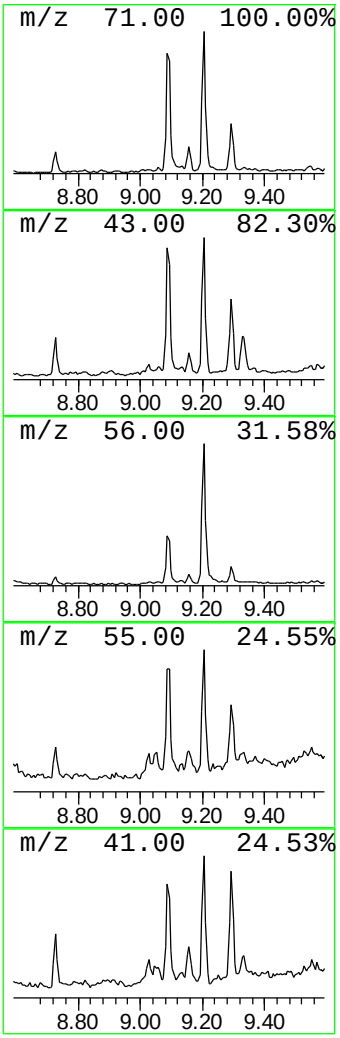
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	4.20 ng	210096	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	90
2	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	72
3	Butanoic acid, decyl ester	228	C14H28O2	005454-09-1	45
4	Butanoic acid, 1-methylpropyl ester	144	C8H16O2	000819-97-6	42
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	42





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

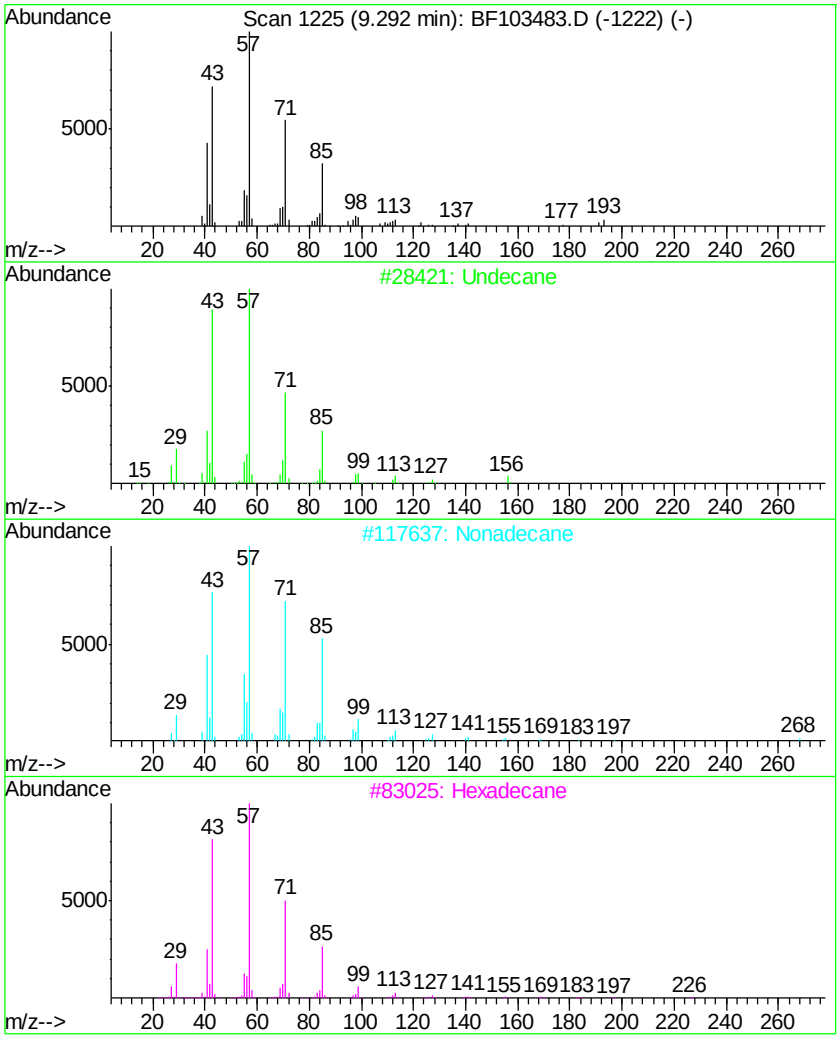
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

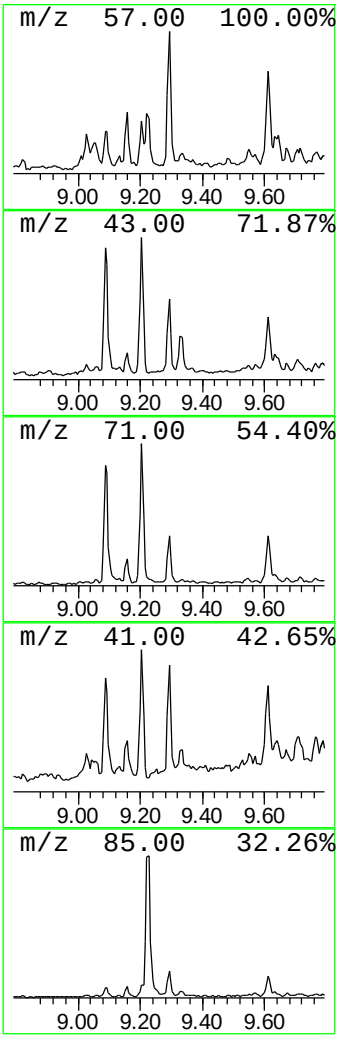
****

Peak Number 4 Undecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	3.31 ng	165273	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	86
2	Nonadecane	268	C19H40	000629-92-5	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tetradecane	198	C14H30	000629-59-4	78
5	Tridecane	184	C13H28	000629-50-5	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

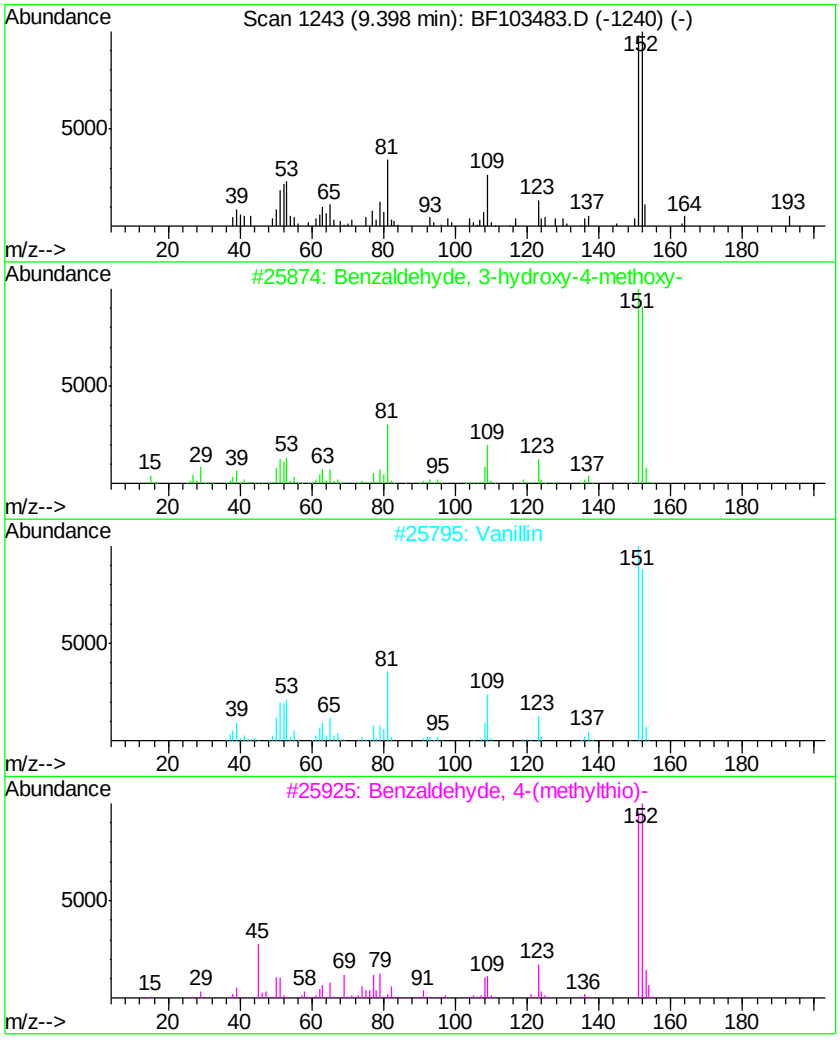
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

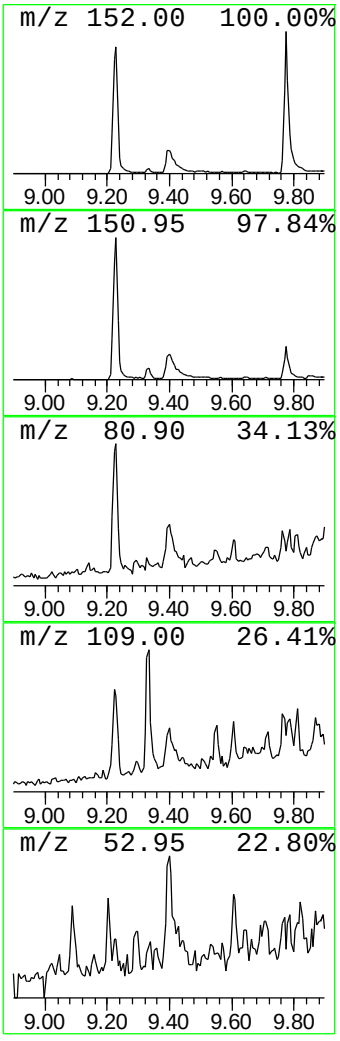
****

Peak Number 5 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	2.02 ng	100875	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	94
2	Vanillin	152	C8H8O3	000121-33-5	93
3	Benzaldehyde, 4-(methylthio)-	152	C8H8OS	003446-89-7	55
4	4-Hydroxy-2-methoxybenaldehyde	152	C8H8O3	018278-34-7	52
5	Benzaldehyde, 2-hydroxy-4-methoxy-	152	C8H8O3	000673-22-3	49





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

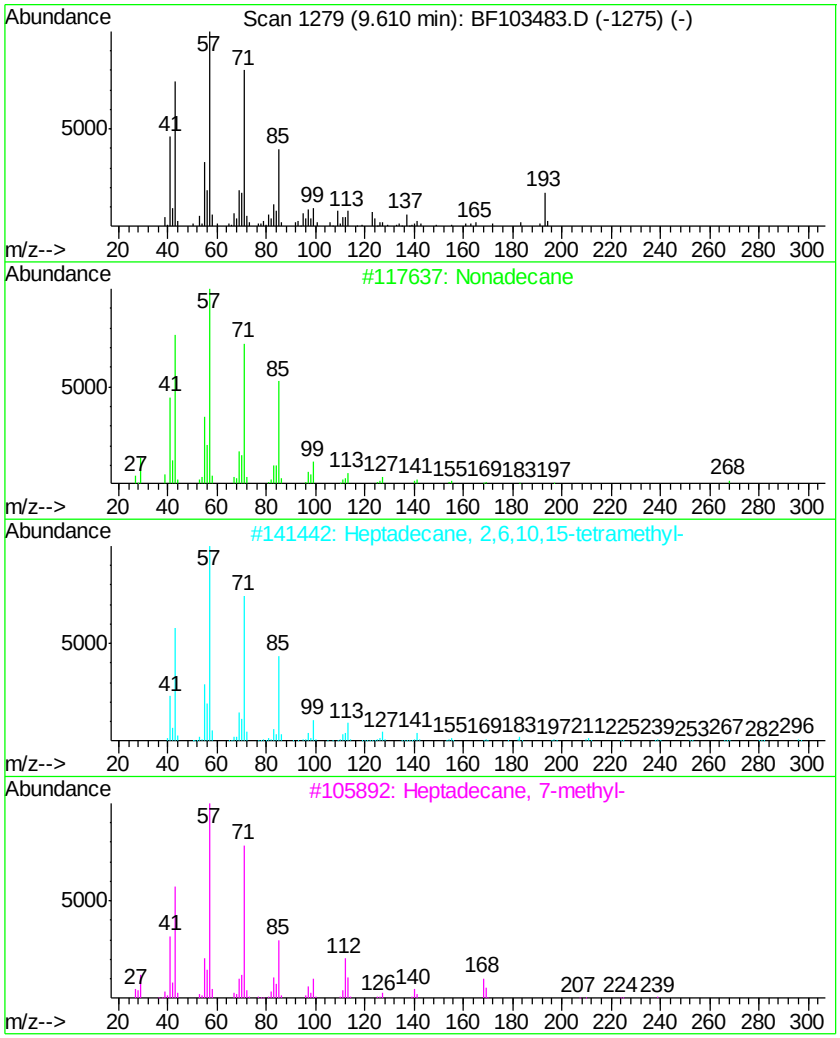
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

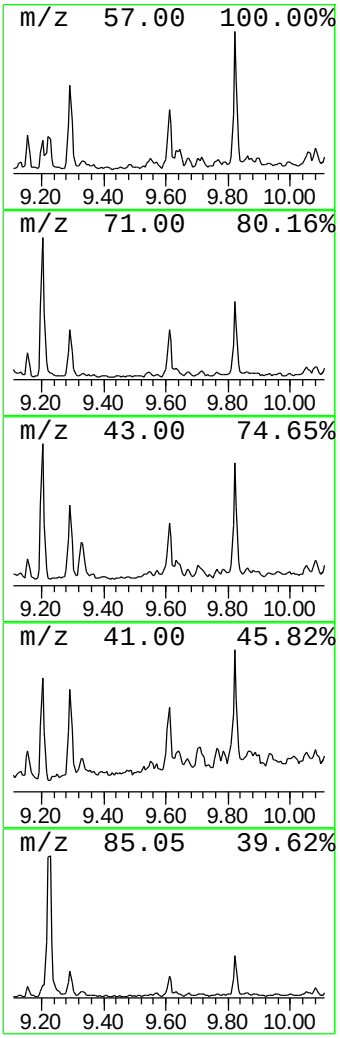
****

Peak Number 6 Nonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.52 ng	176127	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

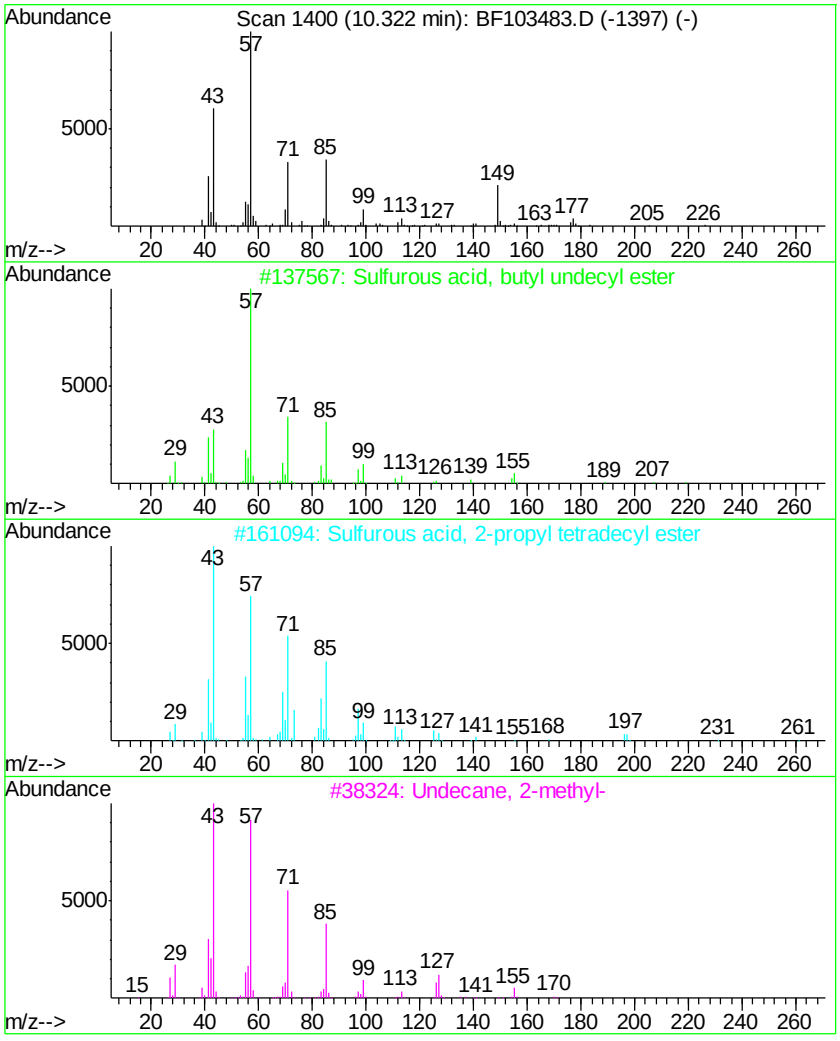
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

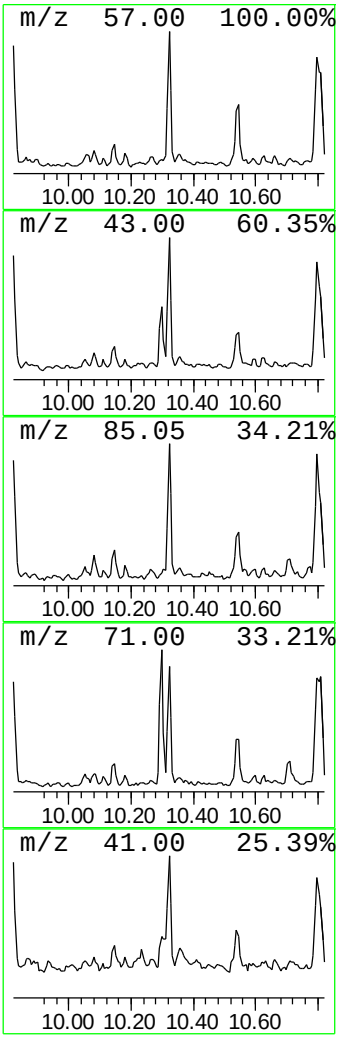
****

Peak Number 7 Sulfurous acid, butyl undec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	5.37 ng	268238	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	59
2	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	52
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	52
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	50
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	50





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

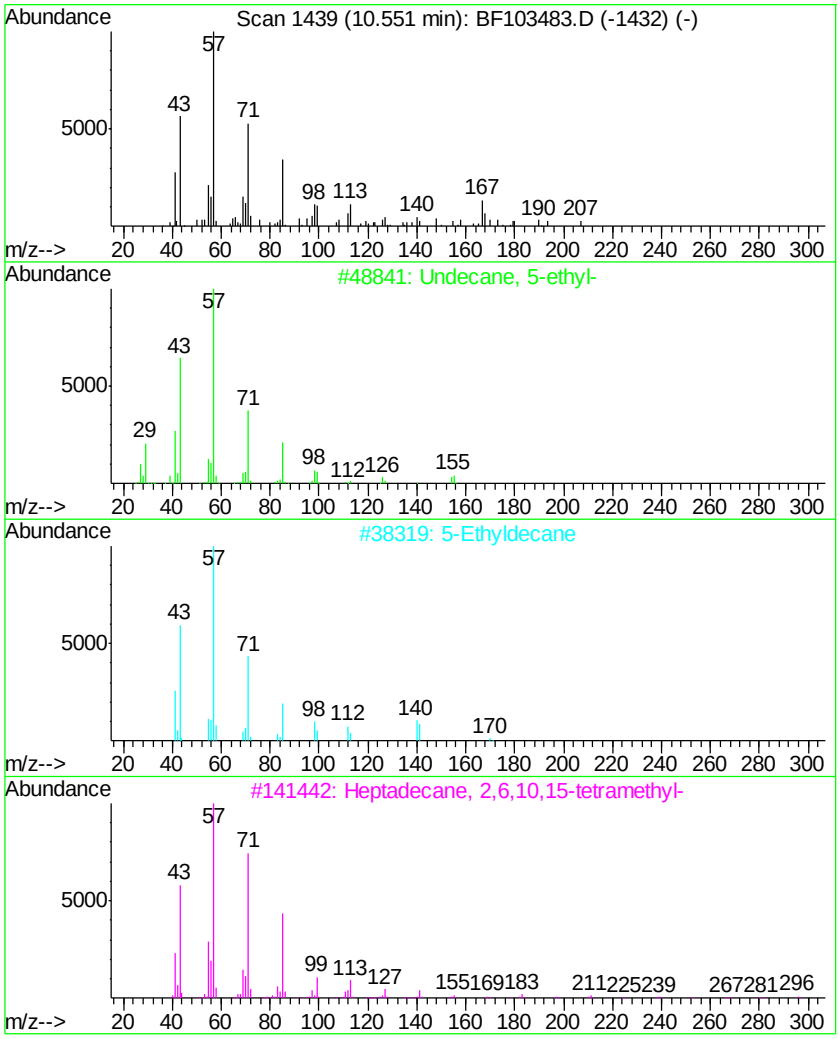
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

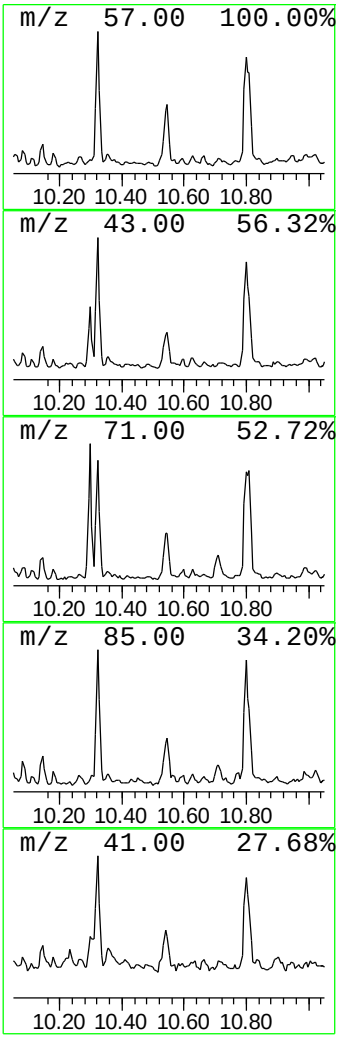
****

Peak Number 8 Undecane, 5-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.86 ng	143109	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
2	5-Ethyldecane	170	C12H26	017302-36-2	58
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53
5	Heptacosane	380	C27H56	000593-49-7	53





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

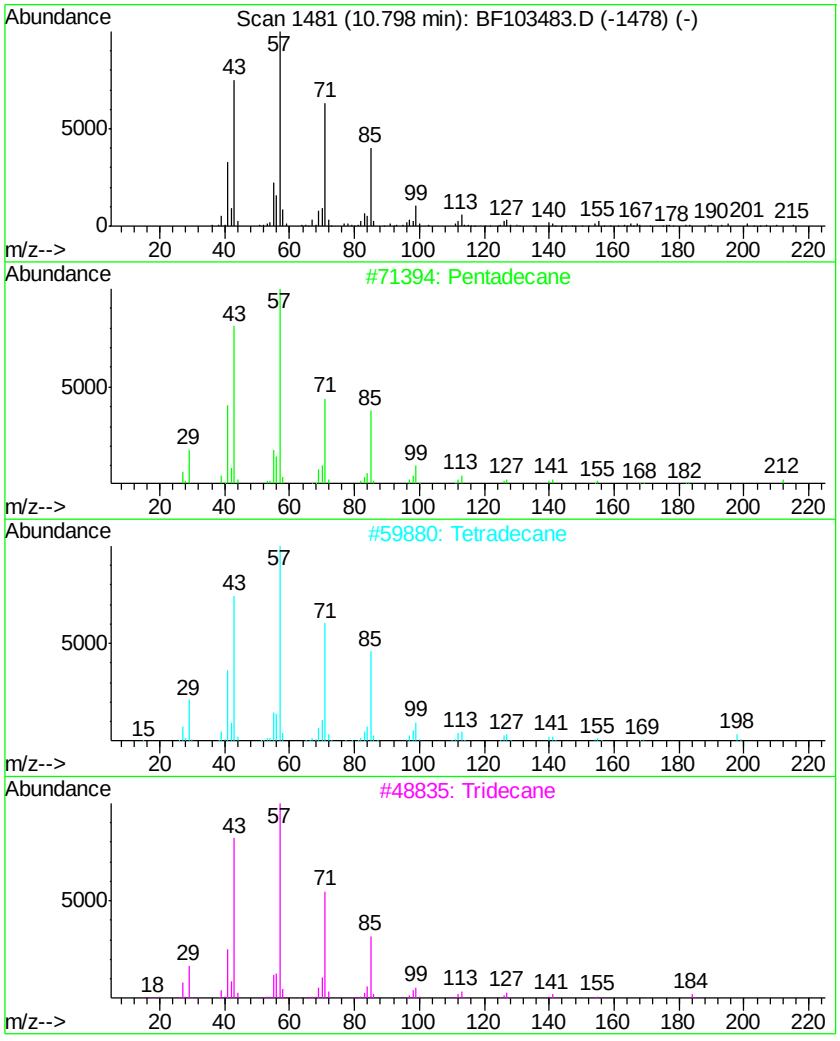
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

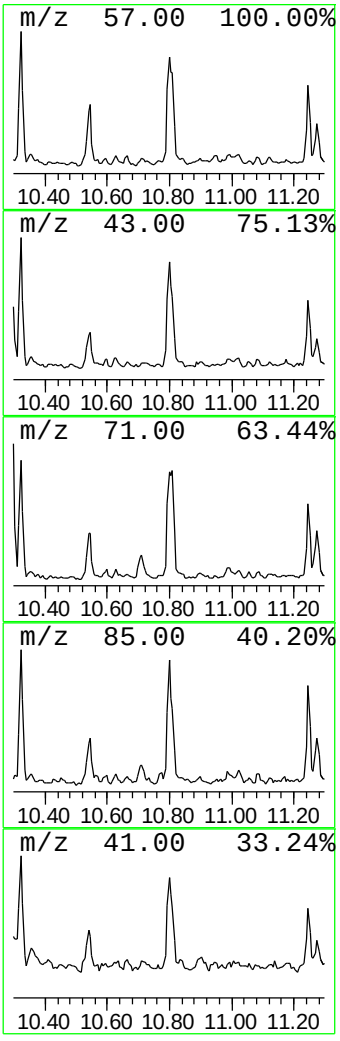
****

Peak Number 9 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	6.68 ng	304916	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tridecane	184	C13H28	000629-50-5	83
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	80
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	78





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

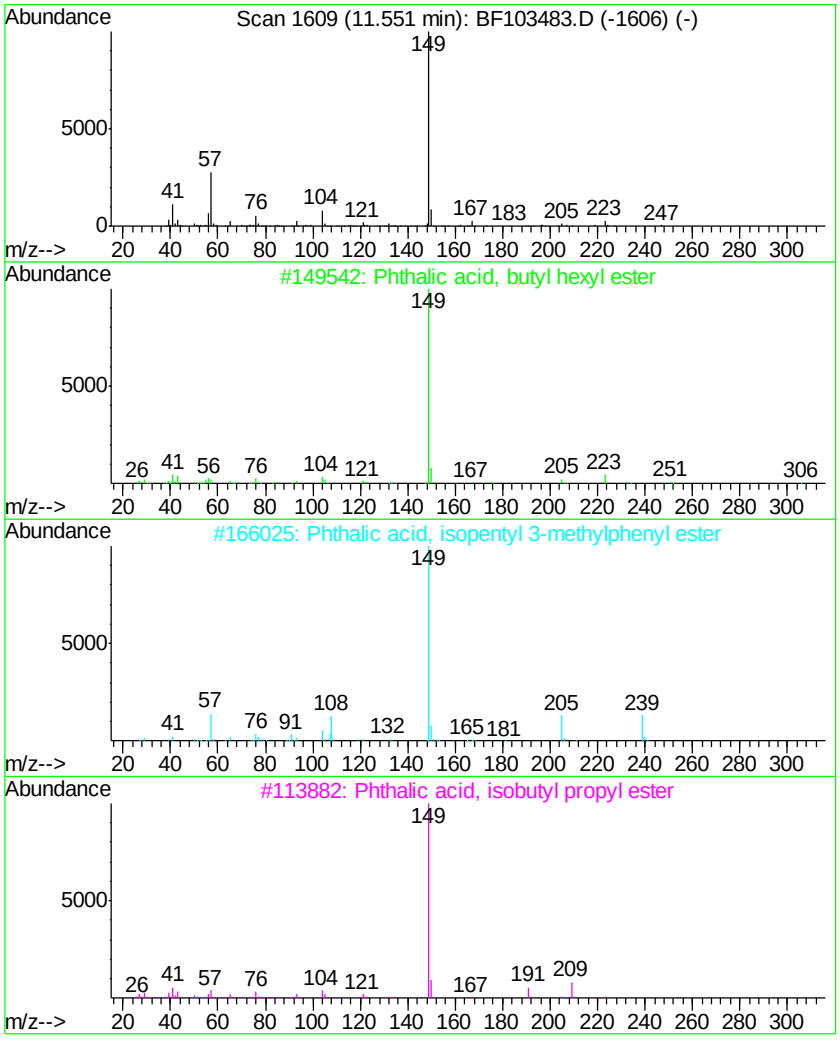
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

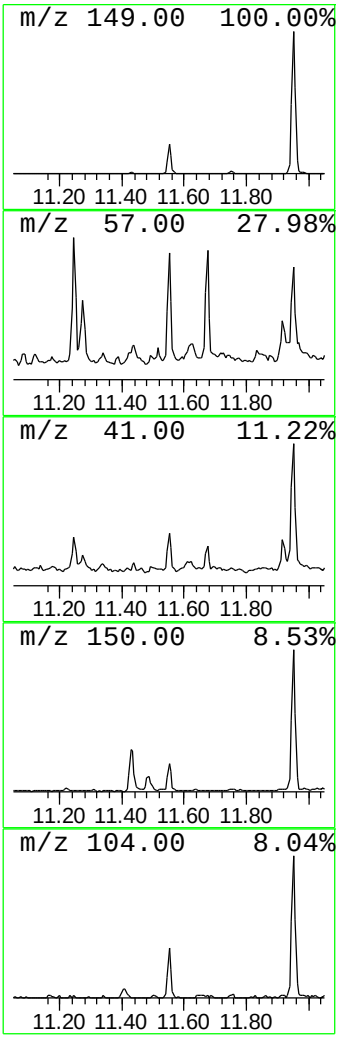
****

Peak Number 11 Phthalic acid, butyl hexyl ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	4.25 ng	193920	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, butyl hexyl ester	306	C18H26O4	1000308-99-5	78
2	Phthalic acid, isopentyl 3-methy...	326	C20H22O4	1000315-37-2	72
3	Phthalic acid, isobutyl propyl e...	264	C15H20O4	1000308-97-1	72
4	Phthalic acid, cyclohexyl 2-meth...	338	C21H22O4	1000315-73-2	72
5	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

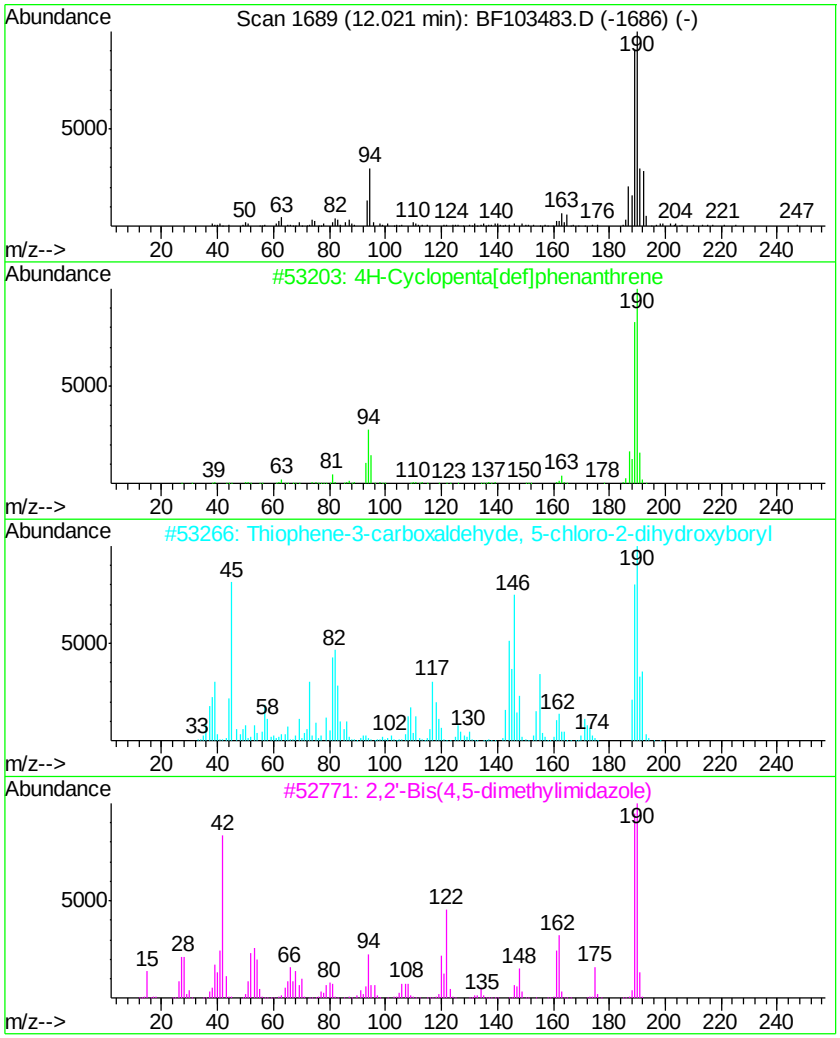
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

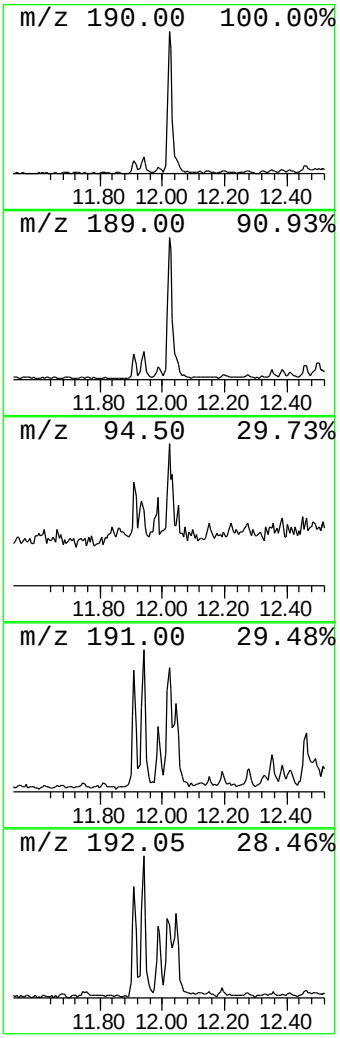
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	5.37 ng	245260	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	32





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

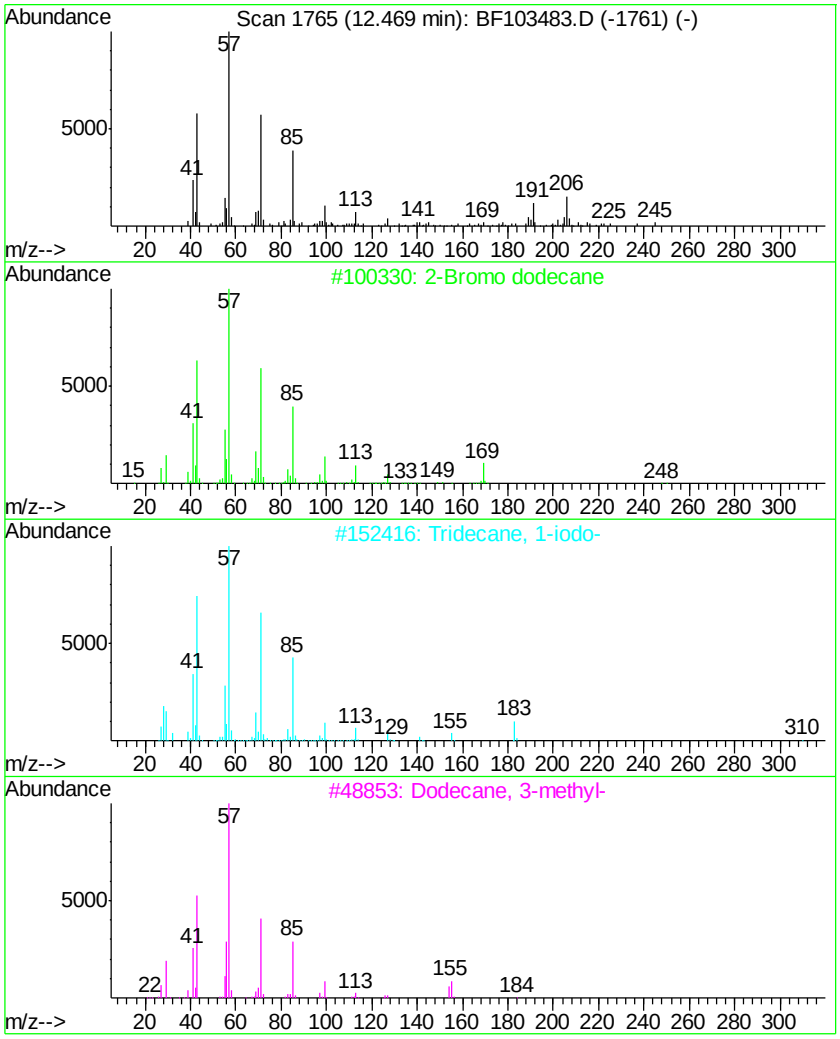
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

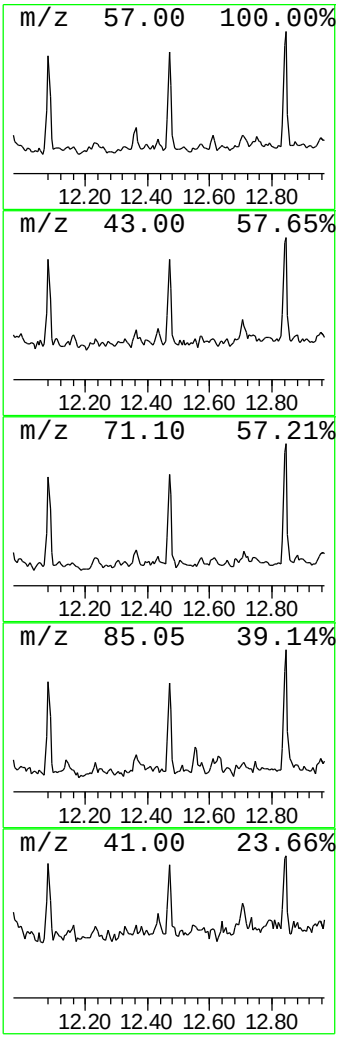
****

Peak Number 13 2-Bromo dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.85 ng	130137	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	64
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
4	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	59
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	58





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

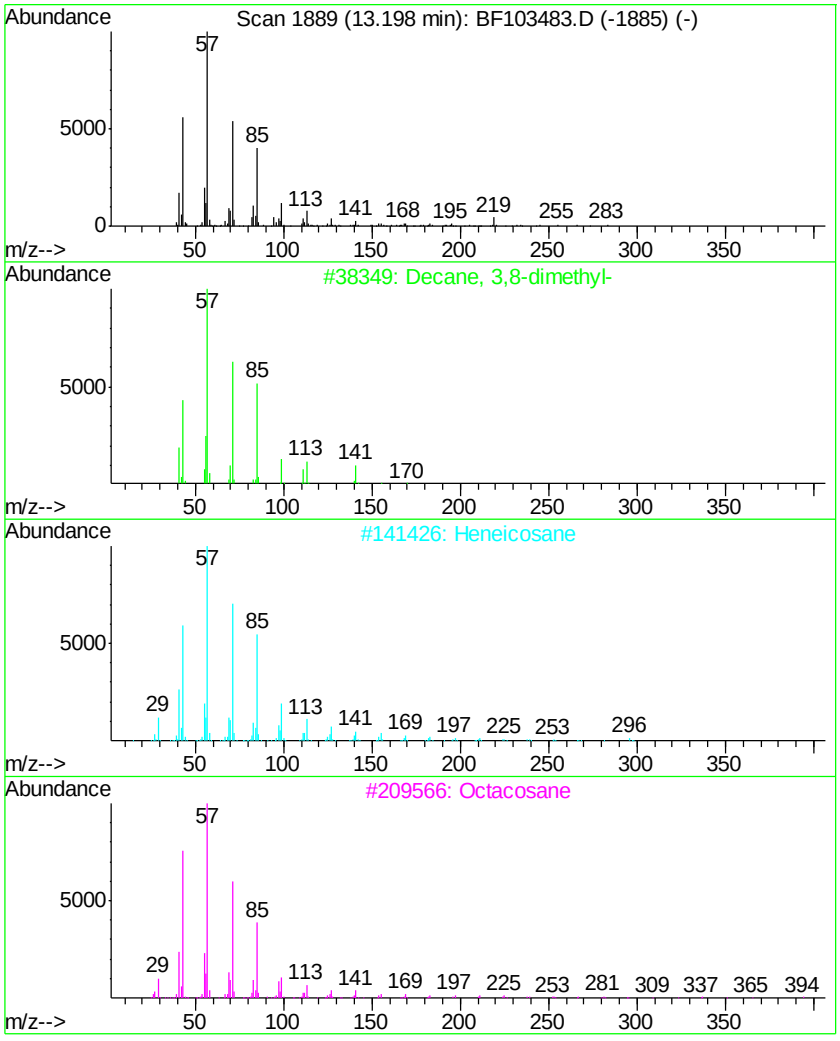
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

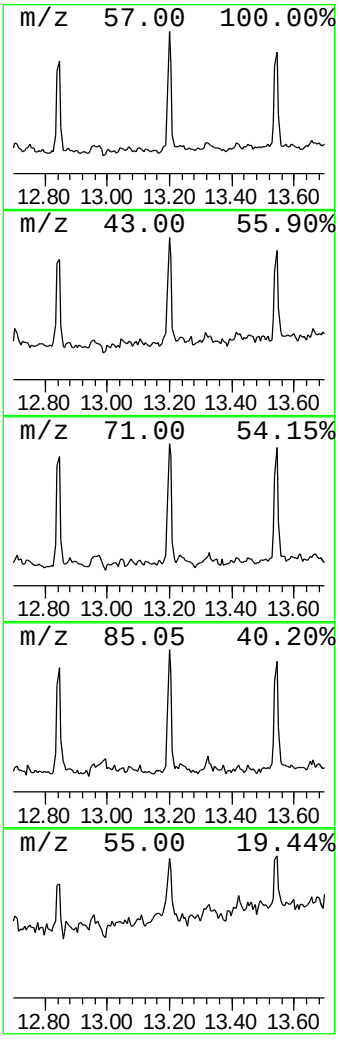
****

Peak Number 14 Decane, 3,8-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.43 ng	290089	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
2	Heneicosane	296	C21H44	000629-94-7	86
3	Octacosane	394	C28H58	000630-02-4	83
4	Eicosane	282	C20H42	000112-95-8	78
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

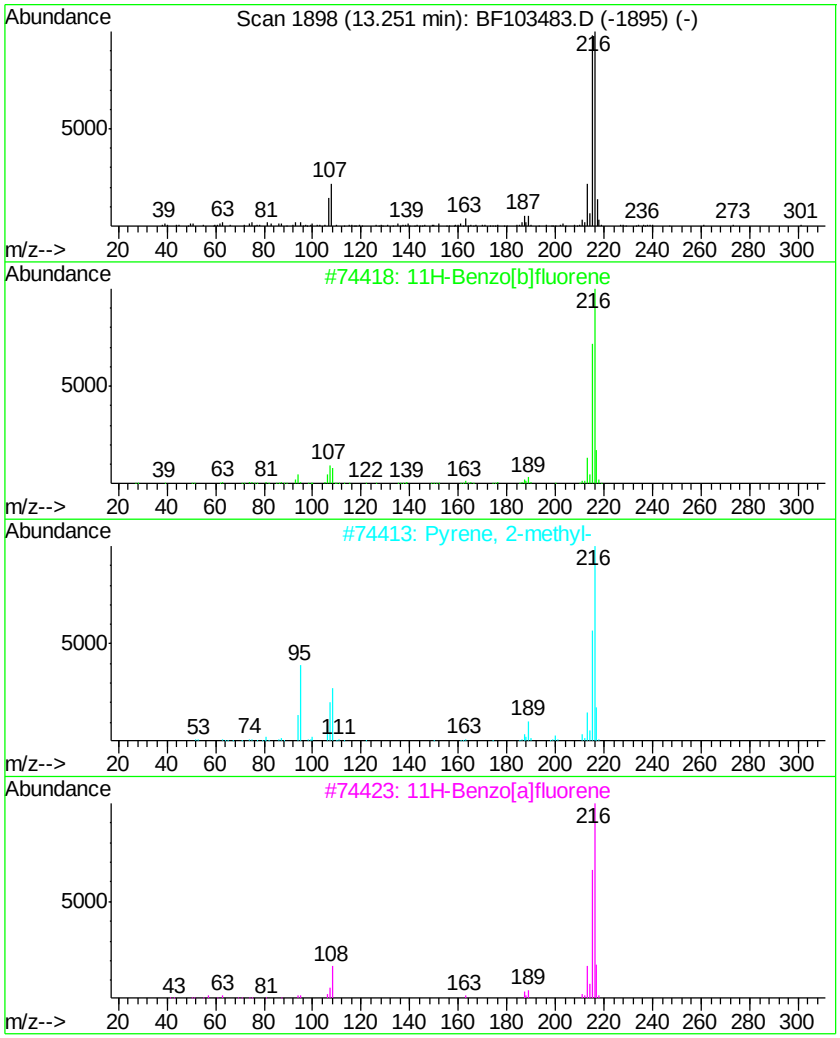
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

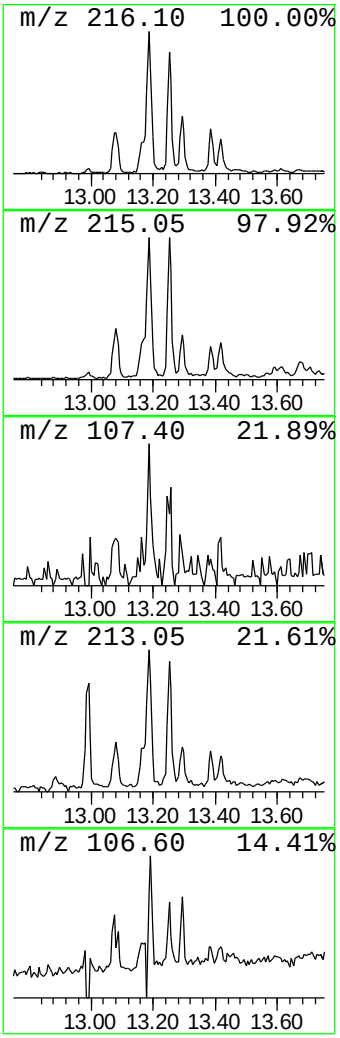
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.15 ng	140725	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	53





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

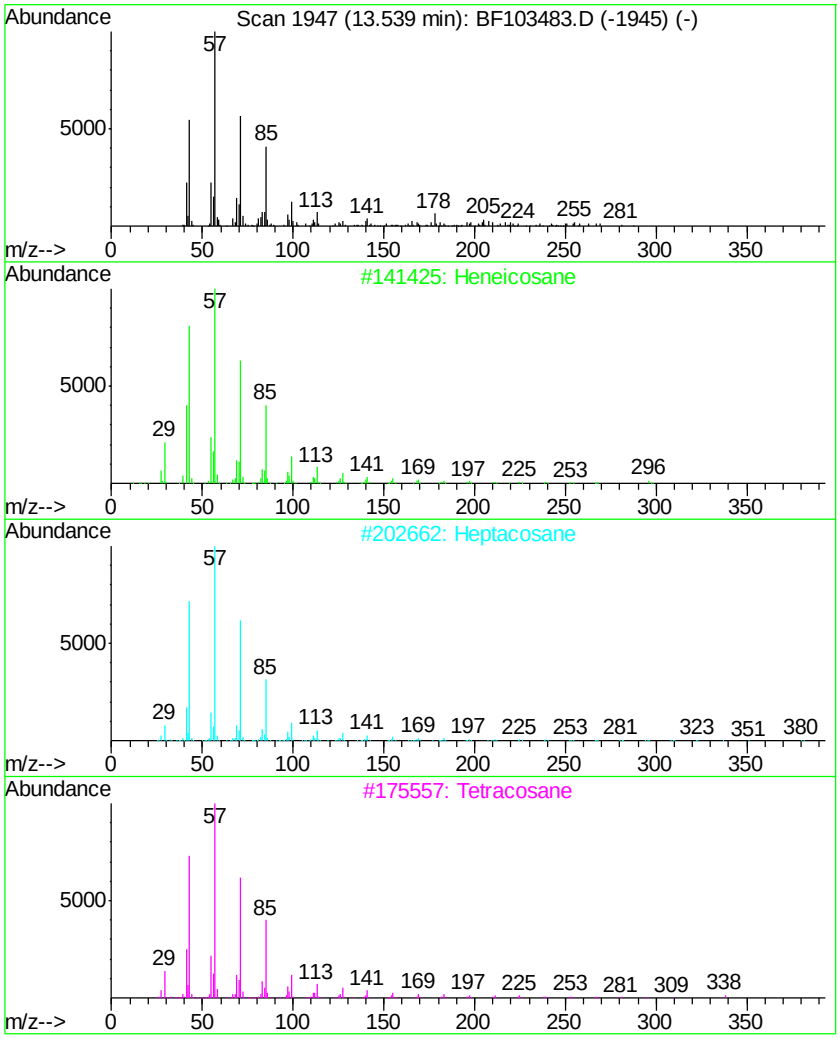
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

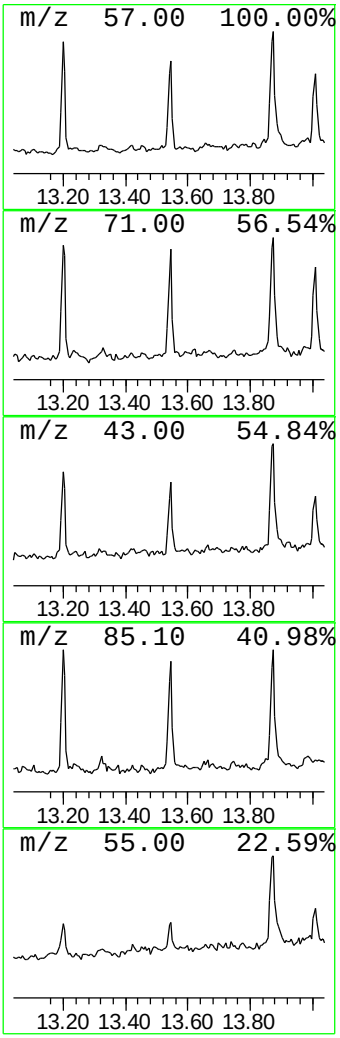
****

Peak Number 16 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.37 ng	155209	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

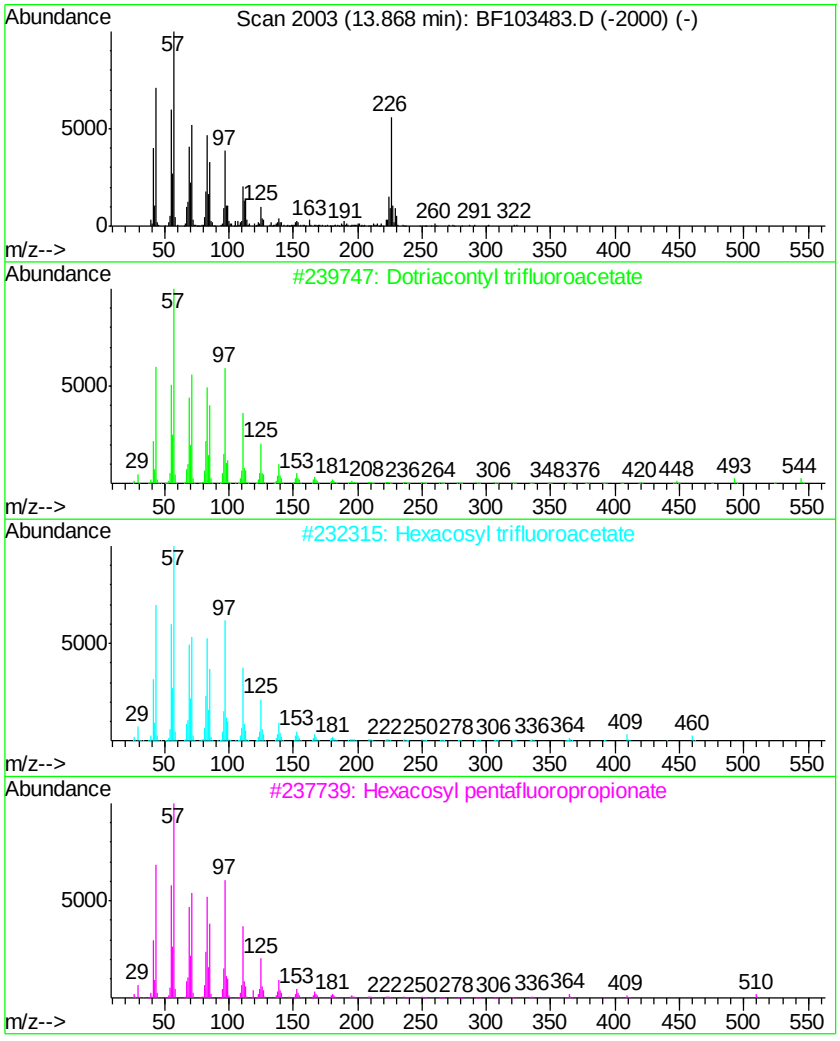
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

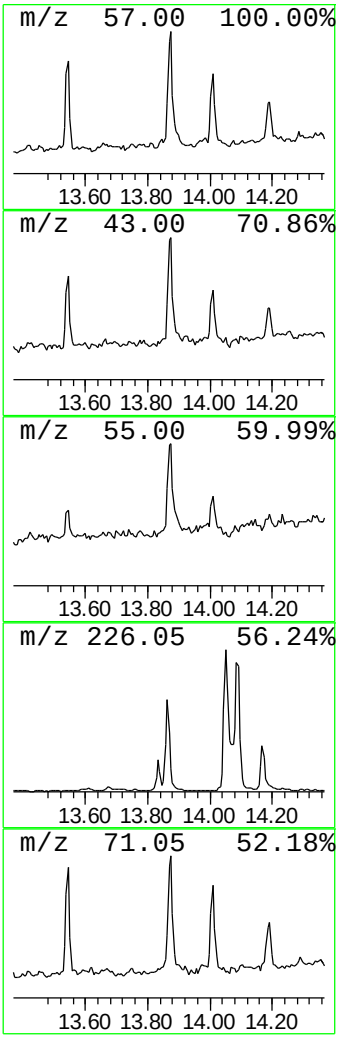
****

Peak Number 17 Dotriacontyl trifluoroacetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	6.75 ng	441968	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	64
2	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	64
3	Hexacosyl pentafluoropropionate	528	C29H53F5O2	1000351-81-2	64
4	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	64
5	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

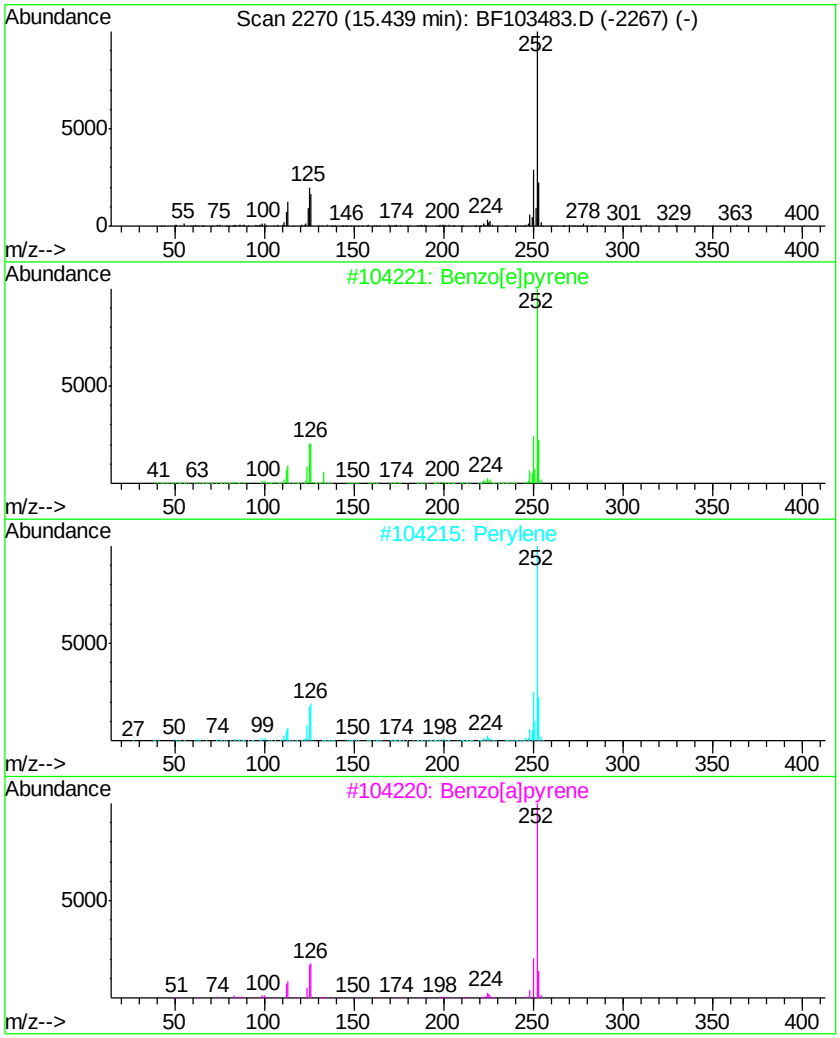
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

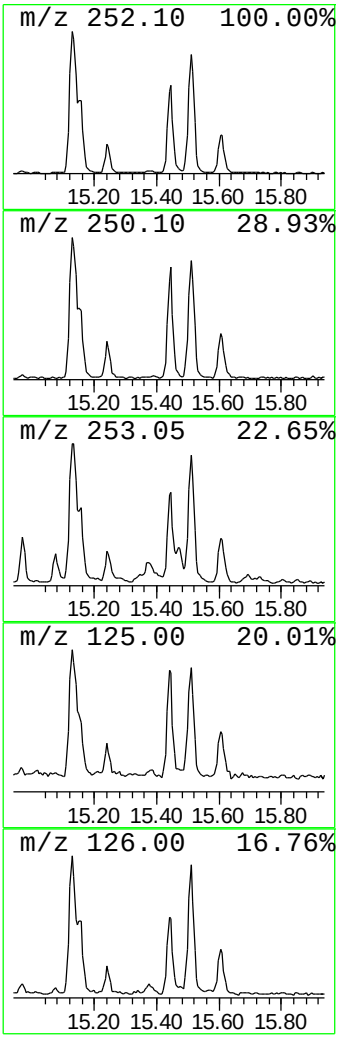
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	18.39 ng	344779	Perylene-d12	15.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF030618\
Data File : BF103483.D
Acq On : 7 Mar 2018 3:39
Operator : SJ/JU
Sample : J1792-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	69.4	ng	3001380	1	6.87	864895	20.0
Propanoic acid, 2...	9.09	4.2	ng	210096	3	9.91	999592	20.0
Undecane	9.29	3.3	ng	165273	3	9.91	999592	20.0
Benzaldehyde, 3-h...	9.40	2.0	ng	100875	3	9.91	999592	20.0
Nonadecane	9.61	3.5	ng	176127	3	9.91	999592	20.0
Sulfurous acid, b...	10.32	5.4	ng	268238	3	9.91	999592	20.0
Undecane, 5-ethyl-	10.55	2.9	ng	143109	3	9.91	999592	20.0
Pentadecane	10.80	6.7	ng	304916	4	11.40	912730	20.0
Phthalic acid, bu...	11.55	4.3	ng	193920	4	11.40	912730	20.0
4H-Cyclopenta[def...	12.02	5.4	ng	245260	4	11.40	912730	20.0
2-Bromo dodecane	12.47	2.9	ng	130137	4	11.40	912730	20.0
Decane, 3,8-dimet...	13.20	4.4	ng	290089	5	14.06	1308840	20.0
11H-Benzo[b]fluorene	13.25	2.1	ng	140725	5	14.06	1308840	20.0
Heneicosane	13.54	2.4	ng	155209	5	14.06	1308840	20.0
Dotriacontyl trif...	13.87	6.8	ng	441968	5	14.06	1308840	20.0
Benzo[e]pyrene	15.44	18.4	ng	344779	6	15.57	375009	20.0