LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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	4.922	478	482	491	rVB	74175	112005	3.35%	0.246%
2	5.328	546	551	554	rBV	3019078	3172716	94.95%	6.967%
3	6.357	721	726	739	rBV	2663040	3337334	99.88%	7.328%
4	6.486	743	748	751	rBV	3469643	3235306	96.83%	7.104%
5	6.716	783	787	793	rBV	946429	883858	26.45%	1.941%
6	6.869	809	813	816	rBV	2818076	2471013	73.95%	5.426%
7	7.280	878	883	886	rBV	2000762	2047470	61.28%	4.496%
8	7.375	894	899	904	rVB	38289	41429	1.24%	0.091%
9	7.992	998	1004	1011	rBV	1228850	1255027	37.56%	2.756%
10	8.804	1137	1142	1146	rVB	44097	42273	1.27%	0.093%
11	9.074	1182	1188	1191	rBV	3591079	3341356	100.00%	7.337%
12	9.151	1197	1201	1203	rBV	71085	57484	1.72%	0.126%
13	9.339	1226	1233	1236	rBV2	38504	52192	1.56%	0.115%
14	9.410	1240	1245	1247	rVV	92688	104382	3.12%	0.229%
15	9.469	1251	1255	1258	rVV	333248	298608	8.94%	0.656%
16	9.527	1261	1265	1269	rBV2	49928	60674	1.82%	0.133%
17	9.610	1276	1279	1283	rBV	81691	75472	2.26%	0.166%
18	9.680	1288	1291	1294	rBV	164390	128695	3.85%	0.283%
19	9.751	1295	1303	1306	rBV	1384200	1357500	40.63%	2.981%
20	9.910	1325	1330	1333	rBV4	24953	50641	1.52%	0.111%
21	9.951	1333	1337	1341	rVV3	60950	88553	2.65%	0.194%
22	9.992	1341	1344	1348	rVB3	68616	80786	2.42%	0.177%
23	10.063	1353	1356	1359	rVV	67470	62163	1.86%	0.137%
24	10.151	1367	1371	1373	rBV3	80507	102160	3.06%	0.224%
25	10.180	1373	1376	1378	rVB	207379	187763	5.62%	0.412%
26	10.292	1392	1395	1401	rVB3	73406	100217	3.00%	0.220%
27	10.363	1401	1407	1408	rBV3	28177	43640	1.31%	0.096%
28	10.398	1408	1413	1419	rVB4	61813	105533	3.16%	0.232%
29	10.451	1419	1422	1425	rBV2	39596	42038	1.26%	0.092%
30	10.539	1431	1437	1448	rBV	2038436	2109881	63.14%	4.633%
31	10.651	1453	1456	1464	rVB2	225126	260988	7.81%	0.573%
32	10.839	1484	1488	1491	rBV3	84428	116000	3.47%	0.255%
33	10.868	1491	1493	1496	rVV	79993	83554	2.50%	0.183%
34	10.927	1500	1503	1506	rVB2	38553	43656	1.31%	0.096%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.039	1519	1522	1526	rVB3	38446	38944	1.17%	0.086%
36	11.098	1529	1532	1535	rVV	148469	138292	4.14%	0.304%
37	11.127	1535	1537	1542	rVB	100719	100802	3.02%	0.221%
38	11.233	1551	1555	1557	rBV	1472910	1305173	39.06%	2.866%
39	11.257	1557	1559	1562	rVV	639498	501324	15.00%	1.101%
40	11.310	1565	1568	1570	rVB	59772	56655	1.70%	0.124%
41	11.345	1570	1574	1576	rBV2	55718	59805	1.79%	0.131%
42	11.468	1592	1595	1601	rBV5	36411	81780	2.45%	0.180%
43	11.527	1602	1605	1607	rVV	103434	93981	2.81%	0.206%
44	11.563	1607	1611	1618	rVV3	106903	136225	4.08%	0.299%
45	11.627	1618	1622	1629	rVB	974582	832955	24.93%	1.829%
46	11.733	1637	1640	1642	rBV	326875	272911	8.17%	0.599%
47	11.763	1642	1645	1648	rVV	377564	317120	9.49%	0.696%
48	11.810	1648	1653	1655	rVV2	58405	69741	2.09%	0.153%
49	11.845	1655	1659	1661	rVV2	333795	363122	10.87%	0.797%
50	11.868	1661	1663	1669	rVB	289808	241711	7.23%	0.531%
51	11.933	1669	1674	1677	rBV3	68332	107474	3.22%	0.236%
52	11.968	1677	1680	1683	rVB2	61866	58090	1.74%	0.128%
53	12.027	1687	1690	1693	rVV2	105007	109906	3.29%	0.241%
54	12.057	1693	1695	1698	rVB2	75891	66967	2.00%	0.147%
55	12.157	1710	1712	1714	rBV	55261	53971	1.62%	0.119%
56	12.180	1714	1716	1718	rVB2	65966	51606	1.54%	0.113%
57	12.210	1718	1721	1723	rBV	94192	71714	2.15%	0.157%
58	12.233	1723	1725	1728	rVB	76412	60229	1.80%	0.132%
59	12.286	1730	1734	1736	rBV	272197	311948	9.34%	0.685%
60	12.315	1736	1739	1741	rBV	2720721	2683710	80.32%	5.893%
61	12.339	1741	1743	1747	rVB2	1742416	1476251	44.18%	3.242%
62	12.421	1754	1757	1759	rBV	340265	290942	8.71%	0.639%
63	12.445	1759	1761	1765	rVB	658763	538307	16.11%	1.182%
64	12.492	1765	1769	1770	rBV	56889	55914	1.67%	0.123%
65	12.510	1770	1772	1775	rVB2	67091	59001	1.77%	0.130%
66	12.580	1780	1784	1785	rBV3	51530	53216	1.59%	0.117%
67	12.598	1785	1787	1789	rVB3	45263	38929	1.17%	0.085%
68	12.674	1794	1800	1802	rVV	774558	742550	22.22%	1.631%
69	12.727	1806	1809	1813	rVB2	85041	113422	3.39%	0.249%
70	12.821	1821	1825	1828	rBV	2835211	2846252	85.18%	6.250%
71	12.892	1834	1837	1844	rVB4	126784	199023	5.96%	0.437%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-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:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.951	1844	1847	1849	rBV3	53675	52986	1.59%	0.116%
73	12.980	1849	1852	1853	rVV2	101963	106386	3.18%	0.234%
74	13.004	1853	1856	1858	rVB	142439	150129	4.49%	0.330%
75	13.068	1865	1867	1869	rVB	97685	71377	2.14%	0.157%
76	13.104	1869	1873	1877	rVB2	153047	146100	4.37%	0.321%
77	13.198	1886	1889	1891	rBV	152667	118819	3.56%	0.261%
78	13.227	1891	1894	1898	rBV2	147841	126227	3.78%	0.277%
79	13.357	1912	1916	1917	rBV2	52876	52214	1.56%	0.115%
80	13.509	1939	1942	1946	rVB	80576	95360	2.85%	0.209%
81	13.621	1955	1961	1964	rBV3	81499	158401	4.74%	0.348%
82	13.668	1967	1969	1973	rVV2	52636	74586	2.23%	0.164%
83	13.715	1973	1977	1980	rVV3	232092	292781	8.76%	0.643%
84	13.745	1980	1982	1986	rVB2	97432	89550	2.68%	0.197%
85	13.809	1991	1993	1996	rVV3	45504	39868	1.19%	0.088%
86	13.868	1997	2003	2006	rVV2	1019996	1327930	39.74%	2.916%
87	13.898	2006	2008	2014	rVB	291074	284722	8.52%	0.625%
88	14.192	2054	2058	2060	rBV3	25802	35710	1.07%	0.078%
89	14.257	2066	2069	2072	rVB	116618	96933	2.90%	0.213%
90	14.286	2072	2074	2078	rVB	66895	60387	1.81%	0.133%
91	14.380	2087	2090	2092	rBV2	76352	67352	2.02%	0.148%
92	14.639	2131	2134	2136	rBV2	35348	37877	1.13%	0.083%
93	14.704	2143	2145	2148	rBV3	38636	48857	1.46%	0.107%
94	14.886	2171	2176	2184	rBV	173234	344672	10.32%	0.757%
95	15.174	2222	2225	2231	rVB	110139	126783	3.79%	0.278%
96	15.233	2232	2235	2240	rVB	156858	179535	5.37%	0.394%
97	15.298	2241	2246	2257	rVB	695011	923419	27.64%	2.028%
98	16.674	2475	2480	2488	rVB2	70309	149583	4.48%	0.328%
99	17.092	2546	2551	2560	rVB2	66098	128723	3.85%	0.283%

Sum of corrected areas: 45539597

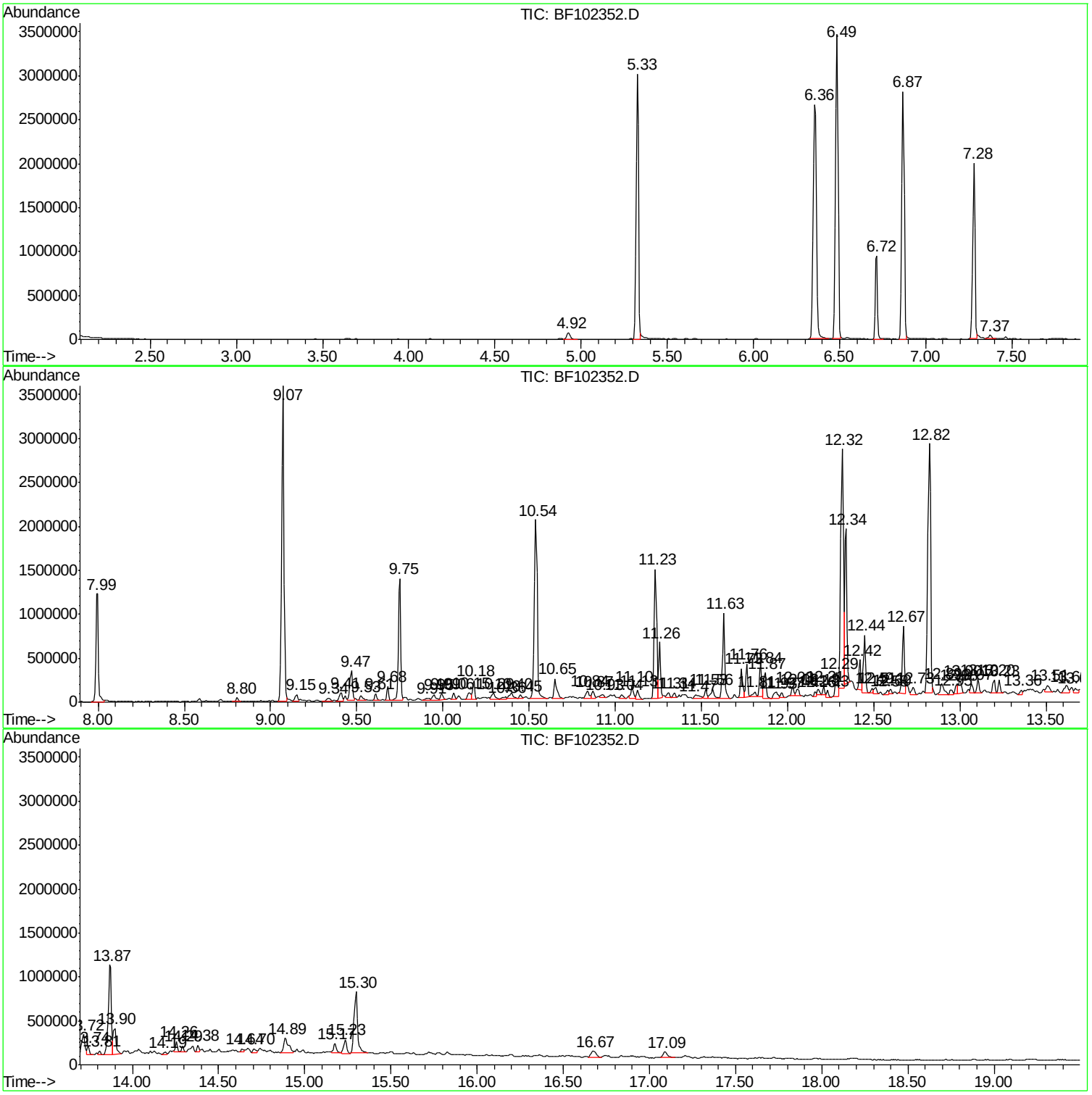
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

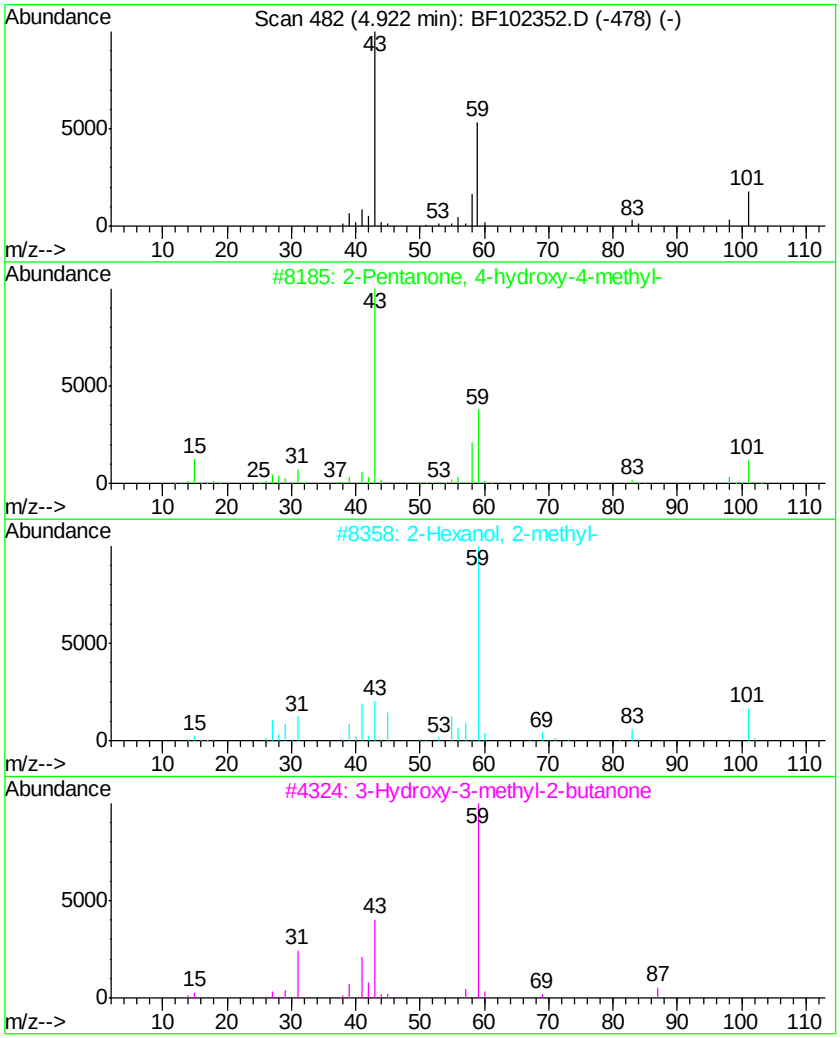
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

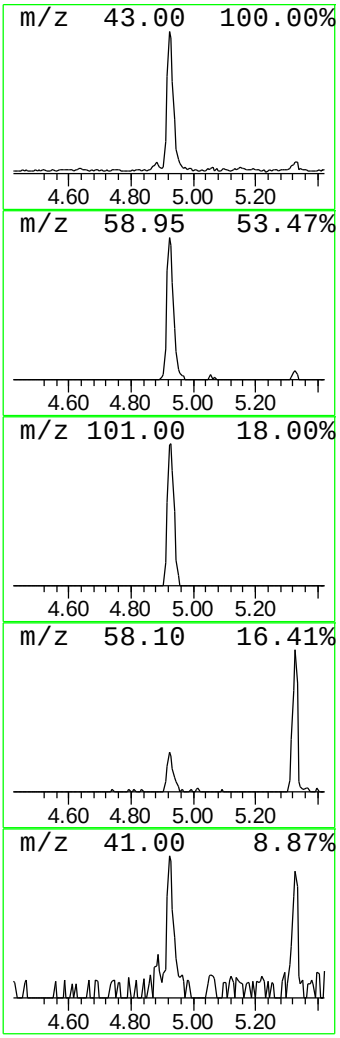
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	2.53 ng	112005	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

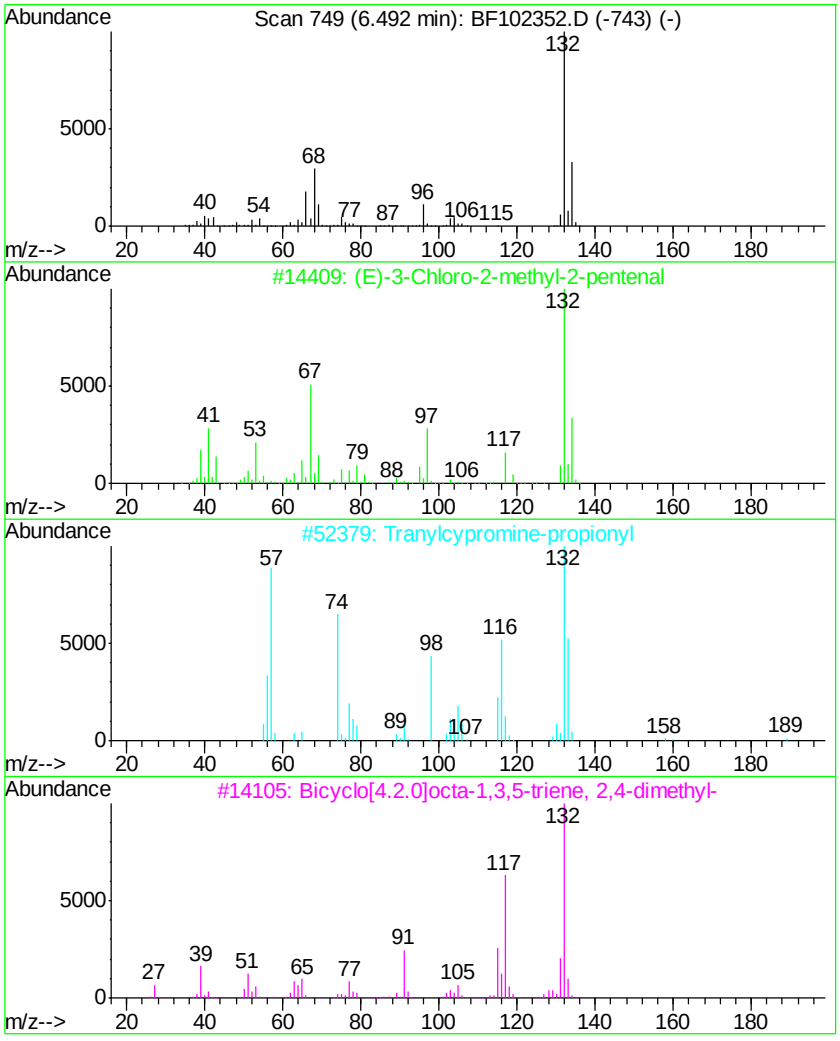
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

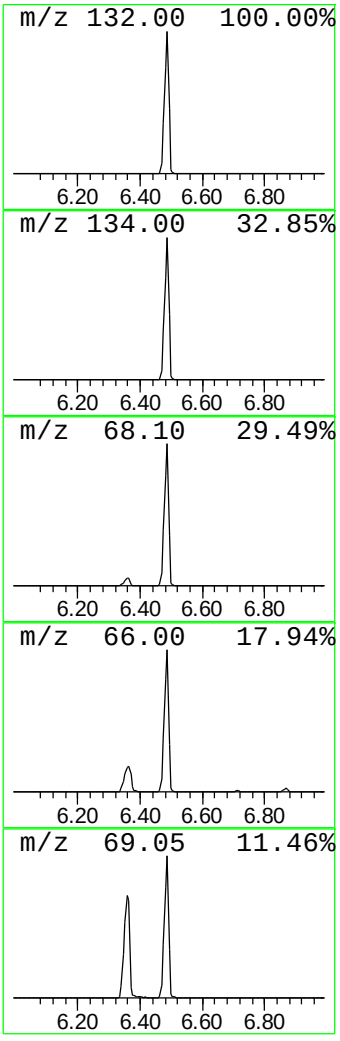
****

Peak Number 2 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	73.21 ng	3235310	1,4-Dichlorobenzene-d4	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

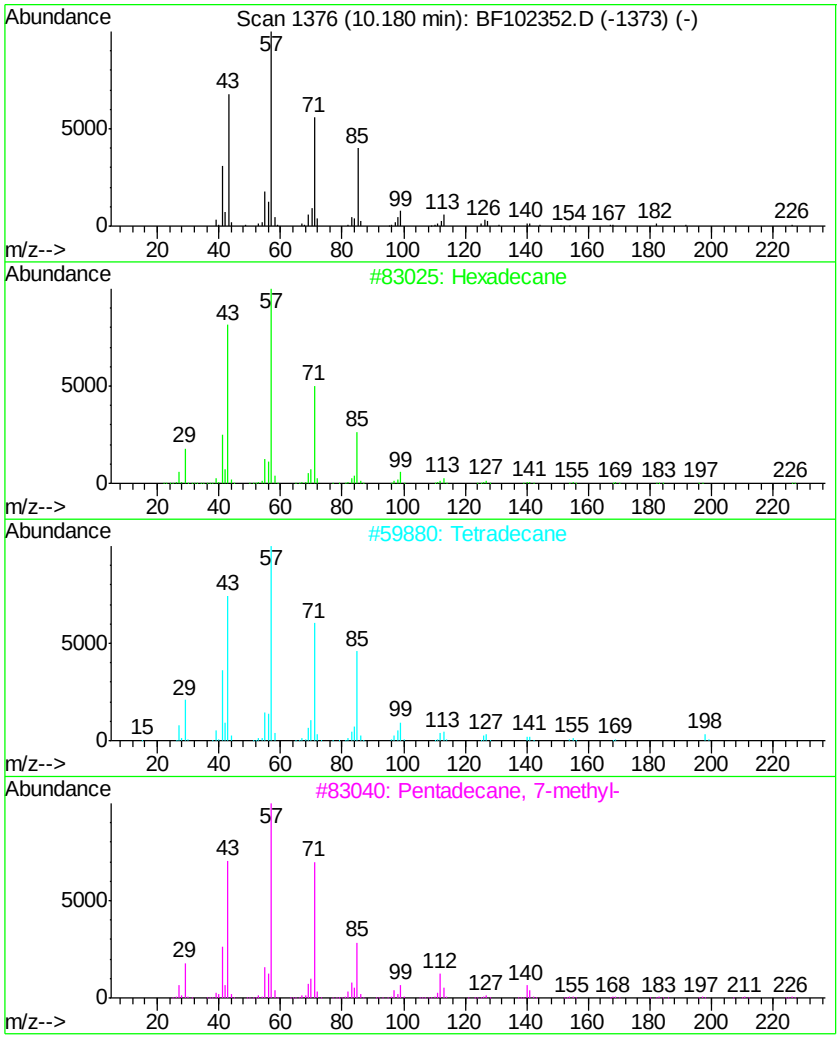
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

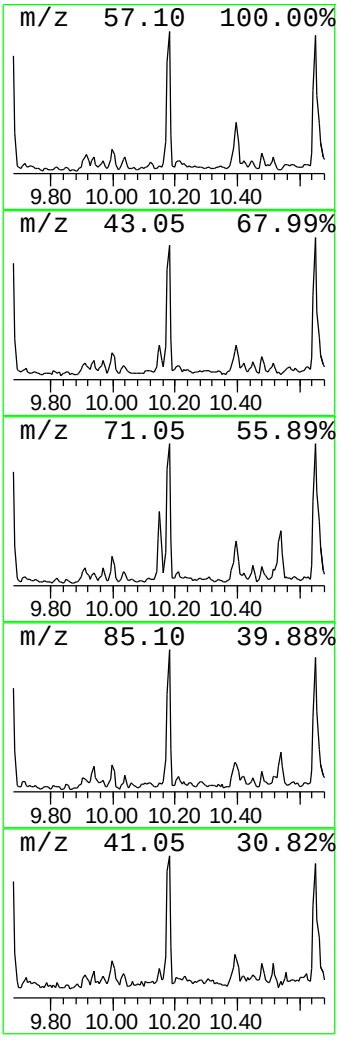
****

Peak Number 4 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.77 ng	187763	Acenaphthene-d10	9.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

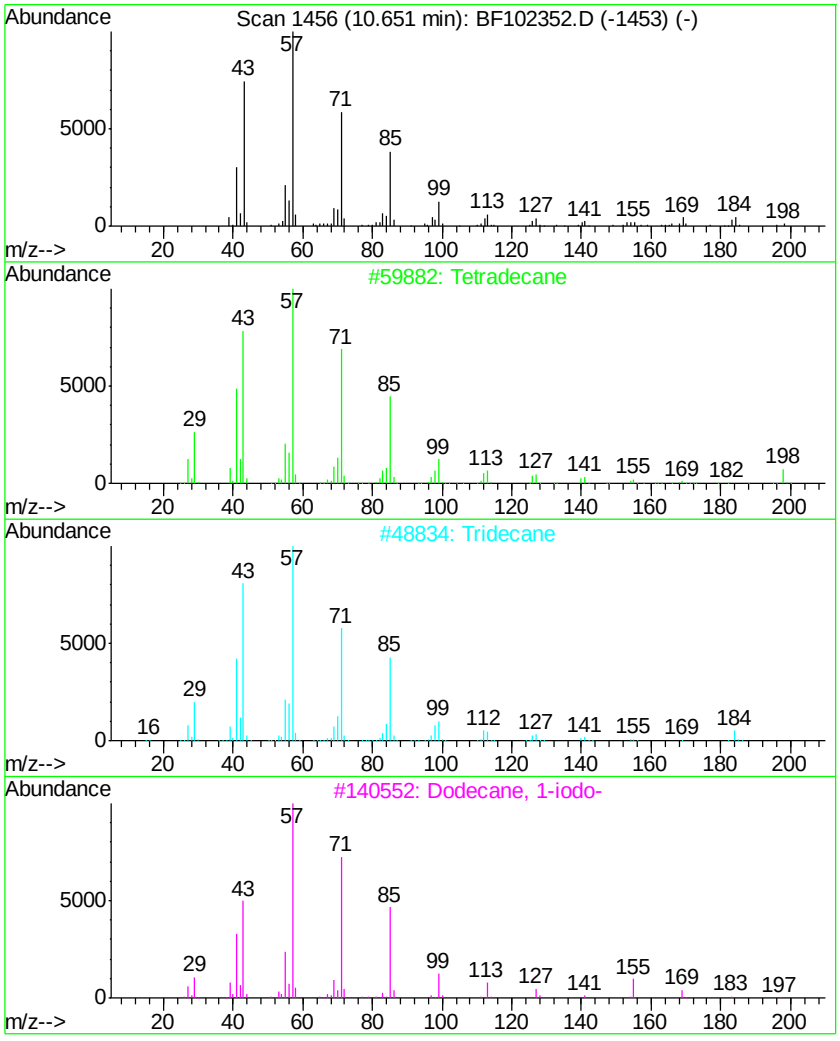
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

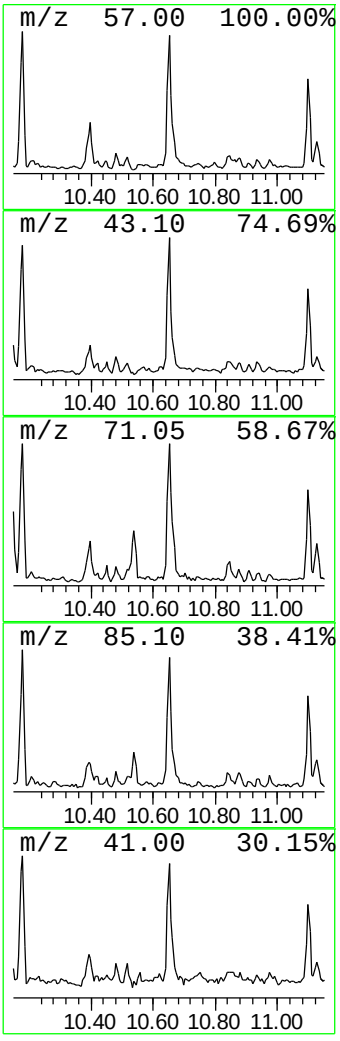
****

Peak Number 5 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	4.00 ng	260988	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Tridecane	184	C13H28	000629-50-5	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
4	Pentadecane	212	C15H32	000629-62-9	83
5	Heneicosane	296	C21H44	000629-94-7	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

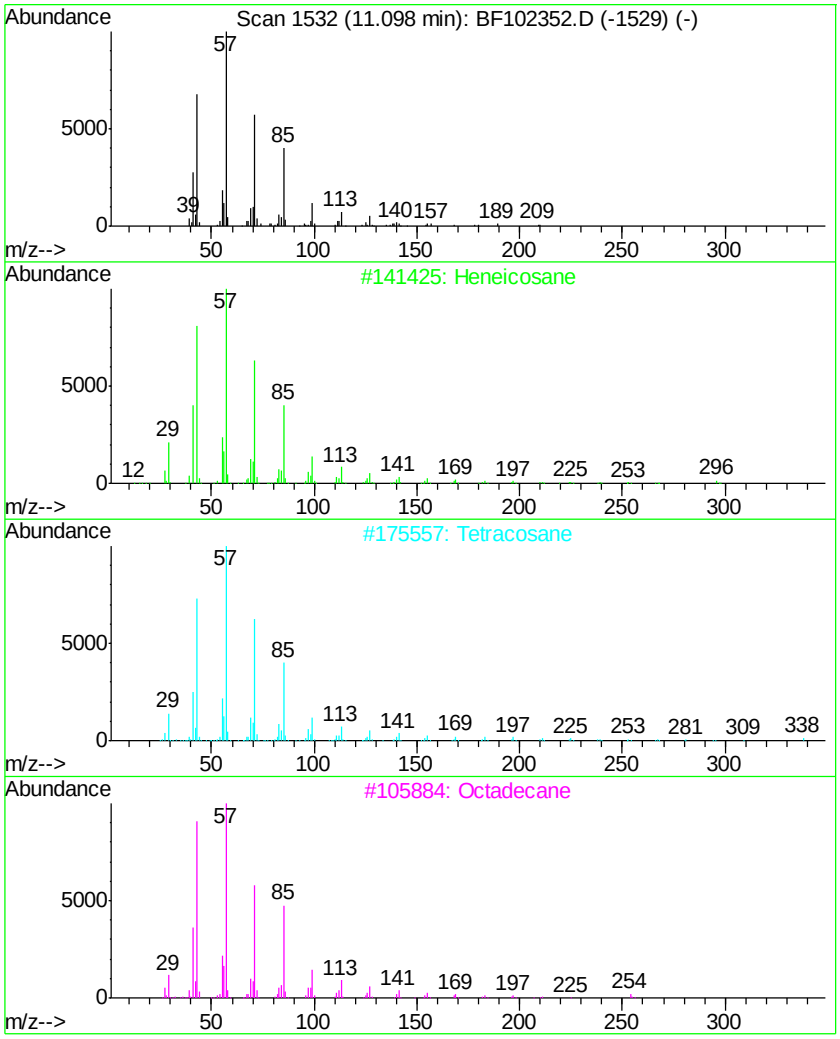
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

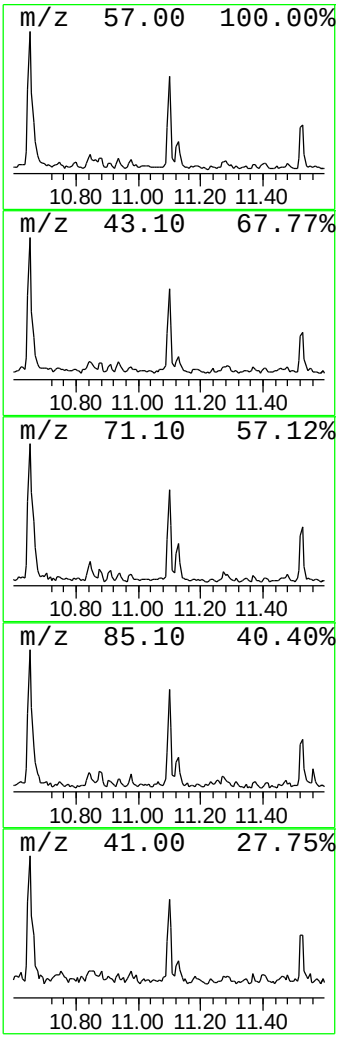
****

Peak Number 6 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	2.12 ng	138292	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83
5	Hexadecane	226	C16H34	000544-76-3	83





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

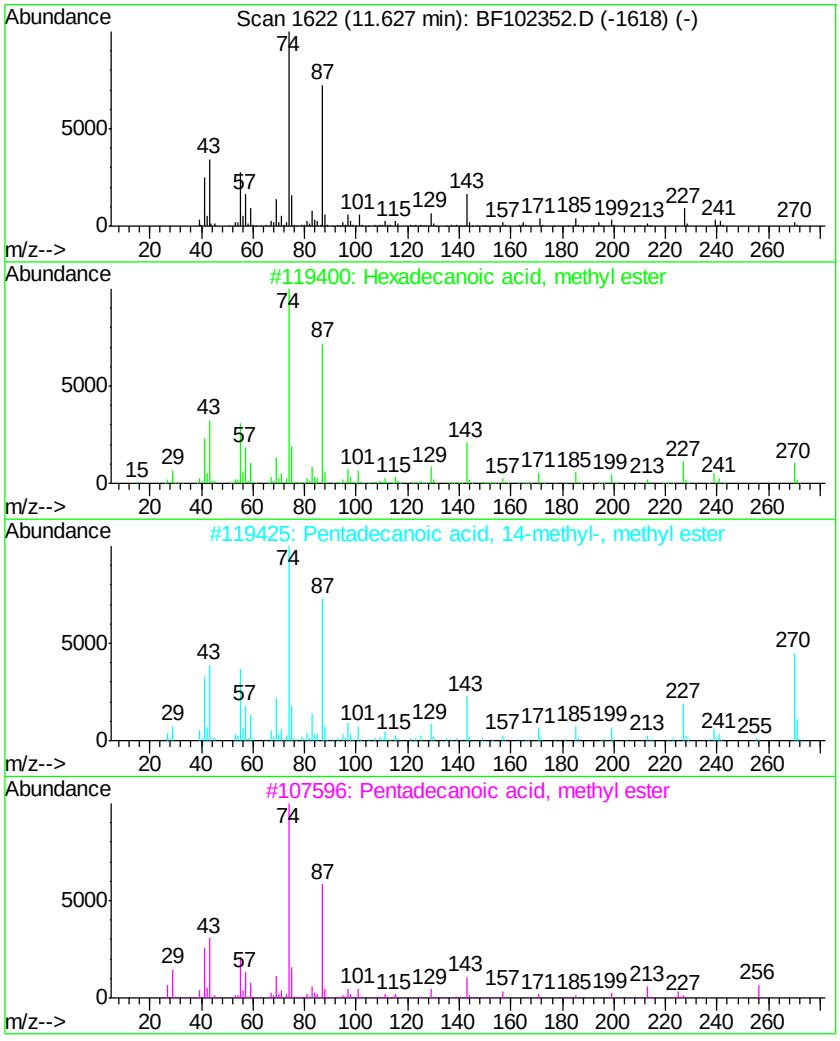
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

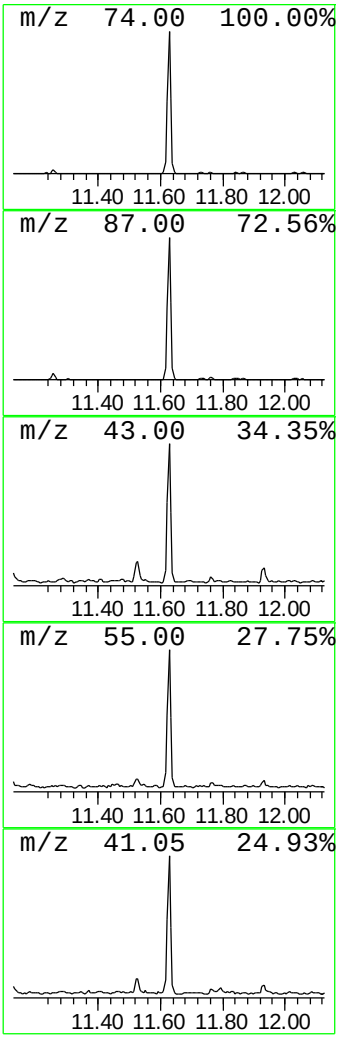
****

Peak Number 7 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	12.76 ng	832955	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

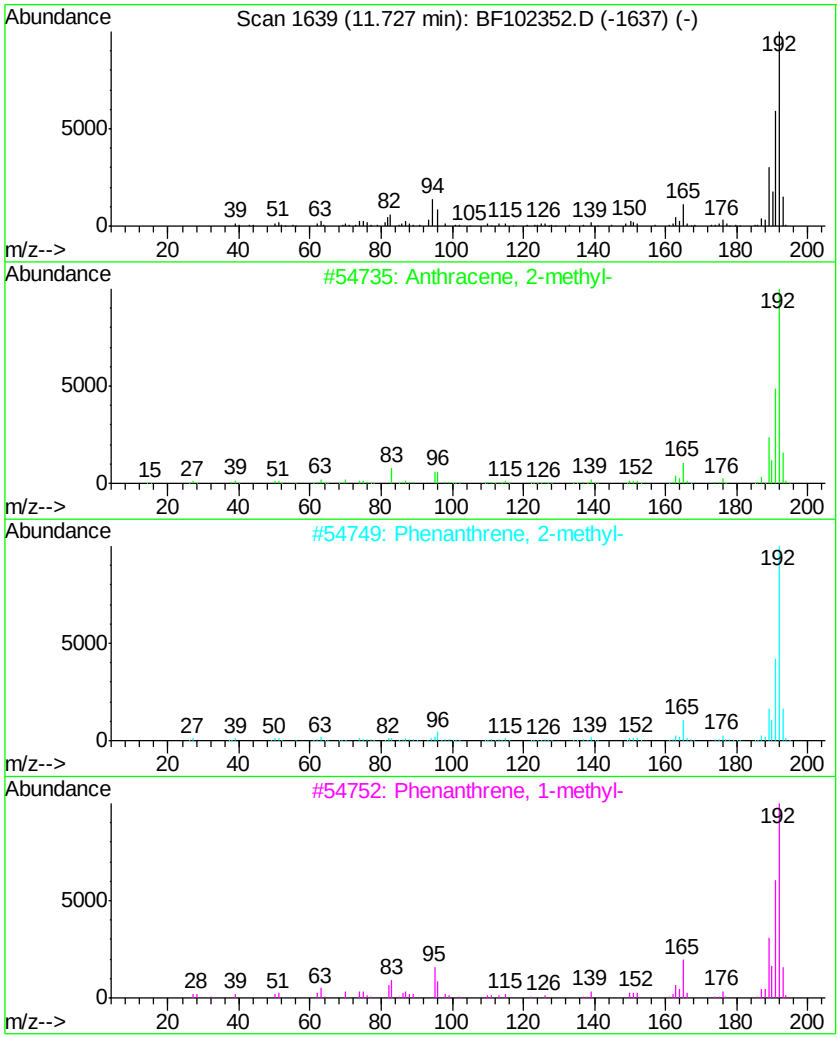
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

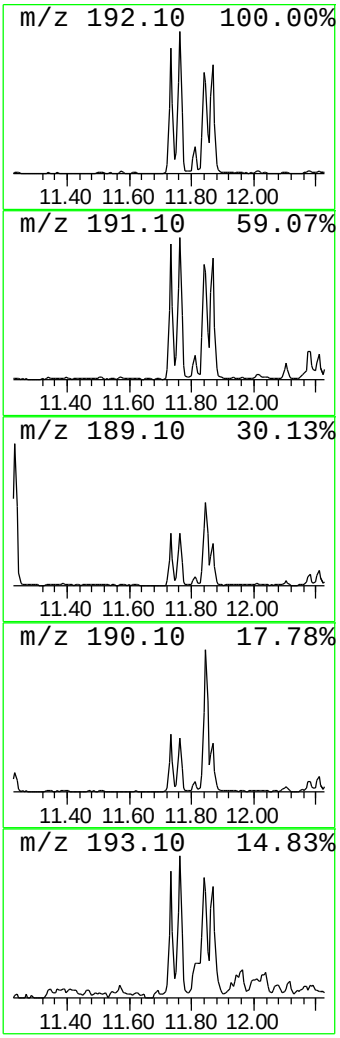
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	4.18 ng	272911	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

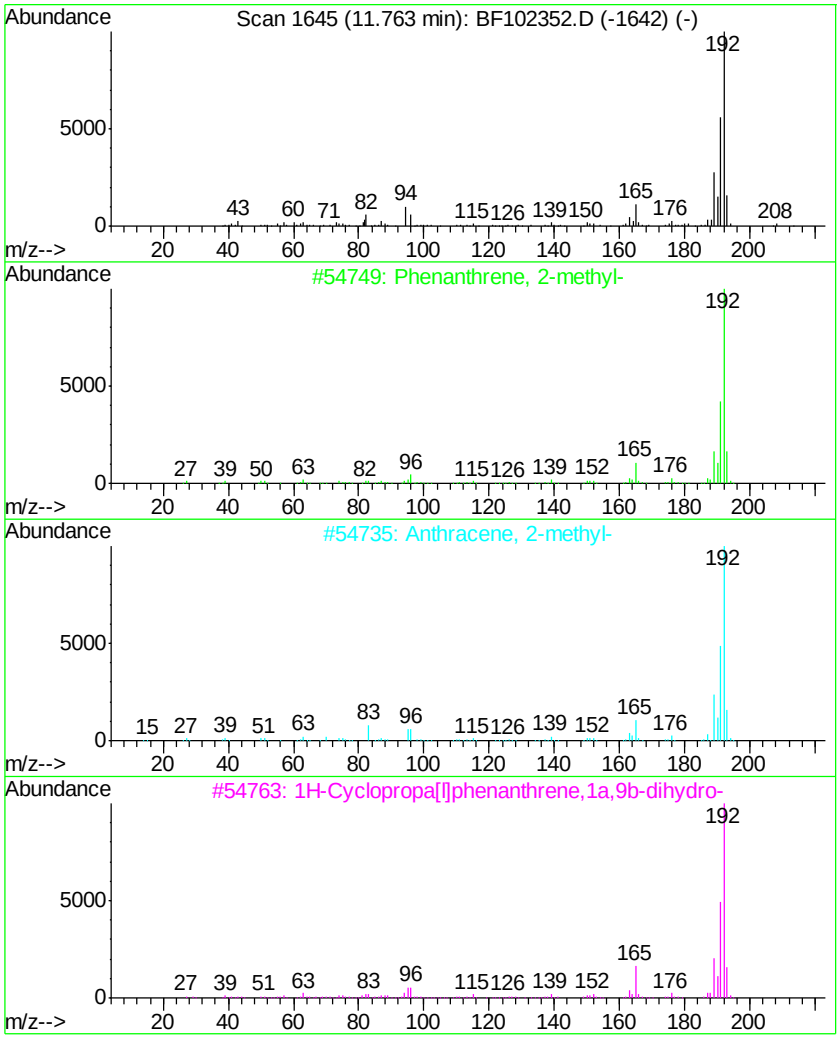
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

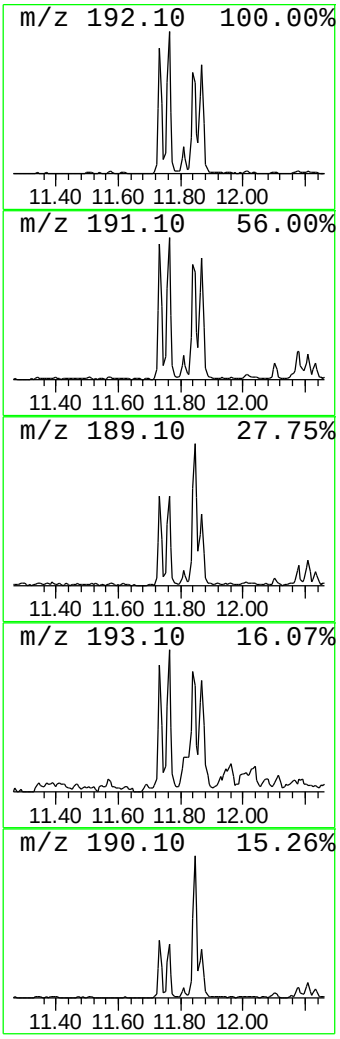
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.86 ng	317120	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

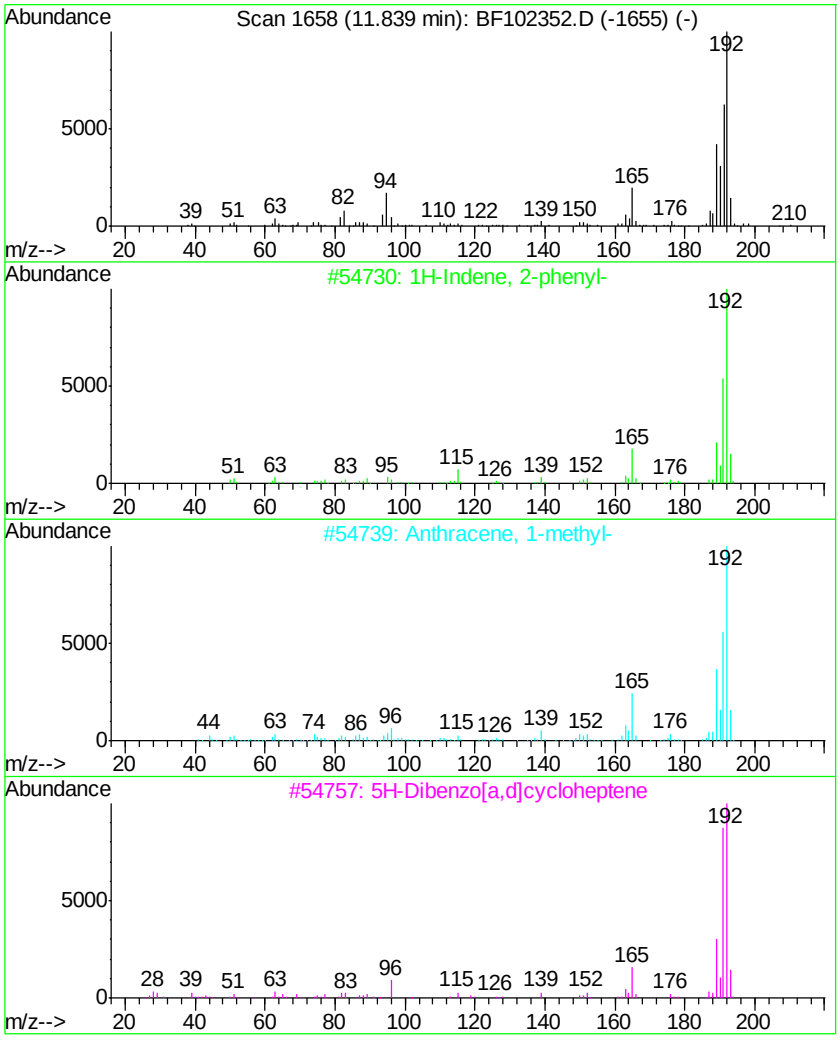
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

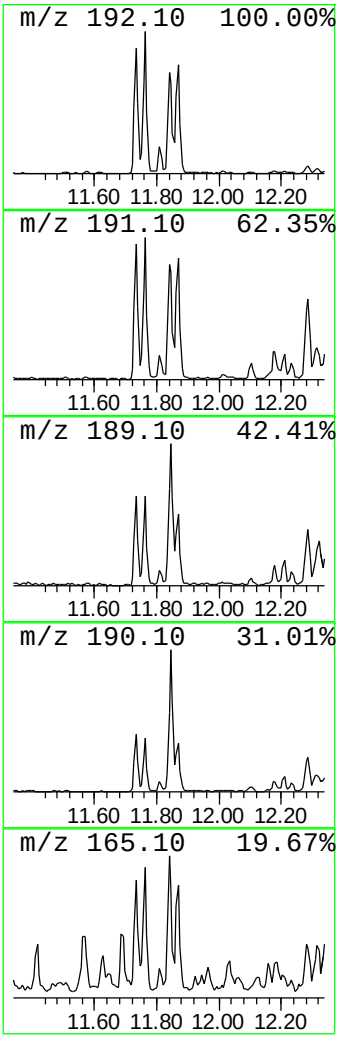
****

Peak Number 10 1H-Indene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	5.56 ng	363122	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	55
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	55
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	49





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

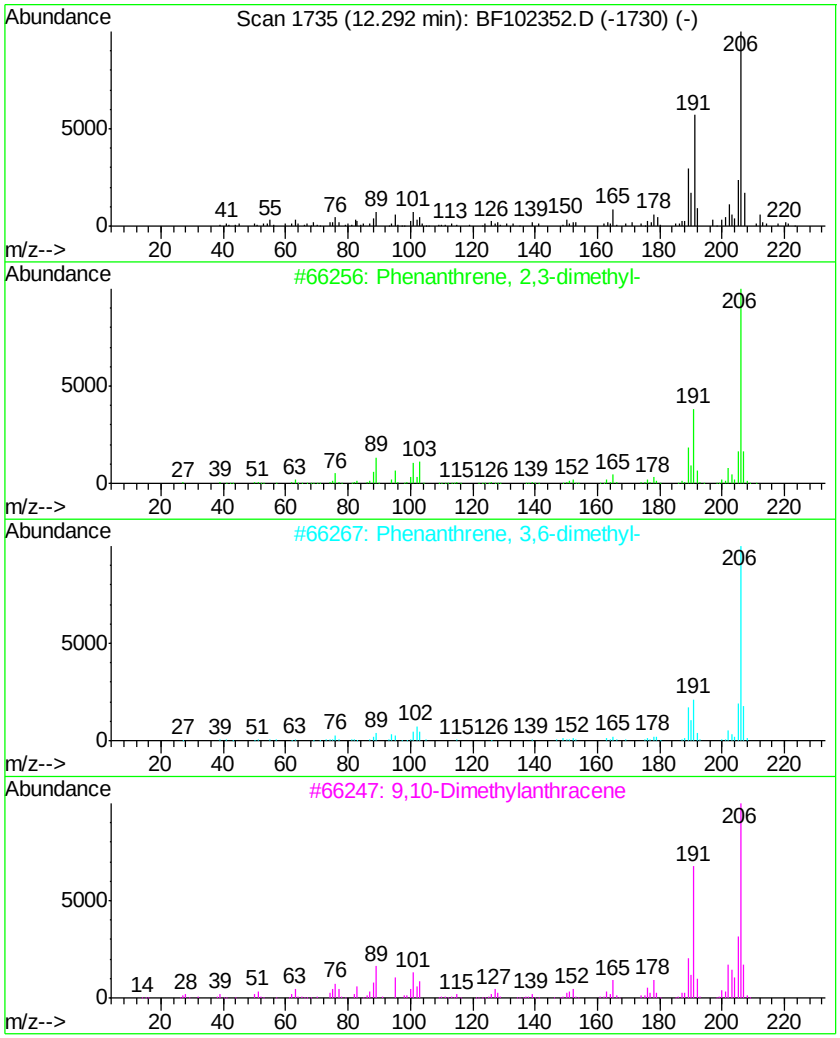
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

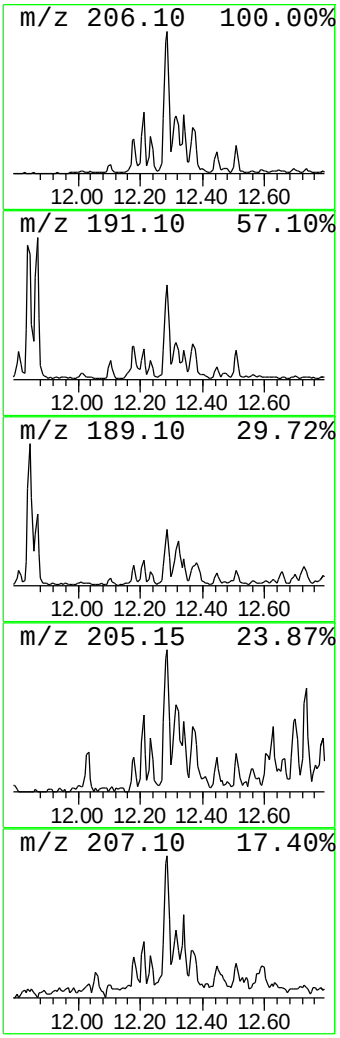
****

Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.29	4.78 ng	311948	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

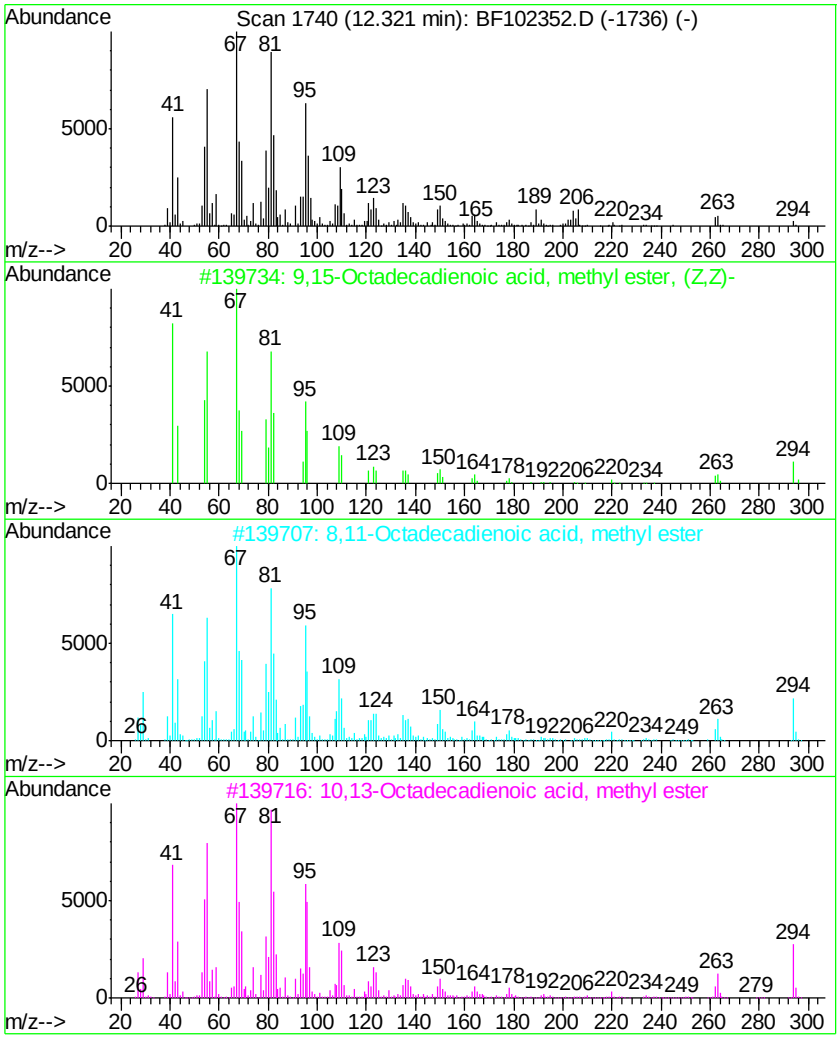
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

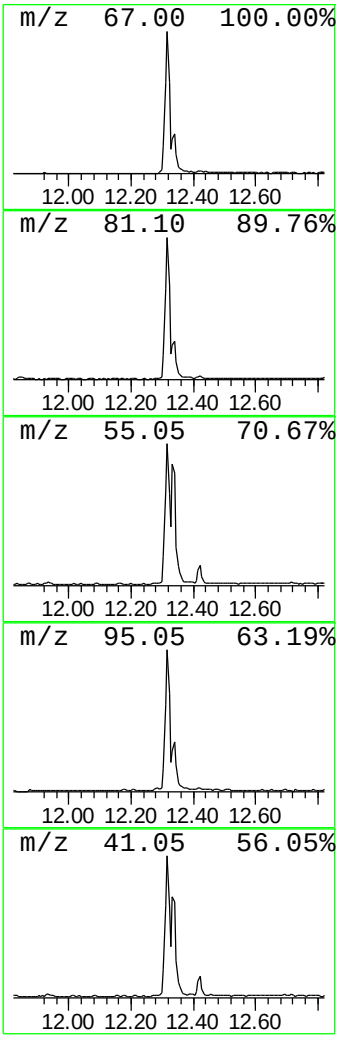
****

Peak Number 13 9,15-Octadecadienoic acid, ... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	41.12 ng	2683710	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

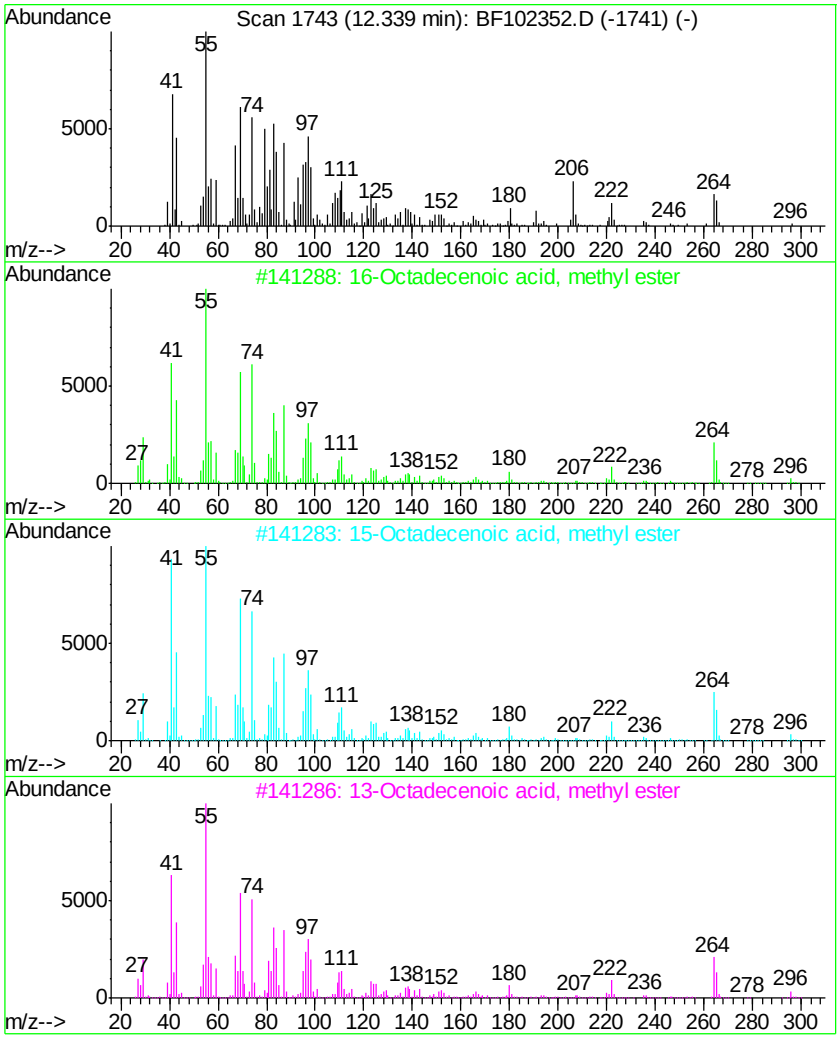
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

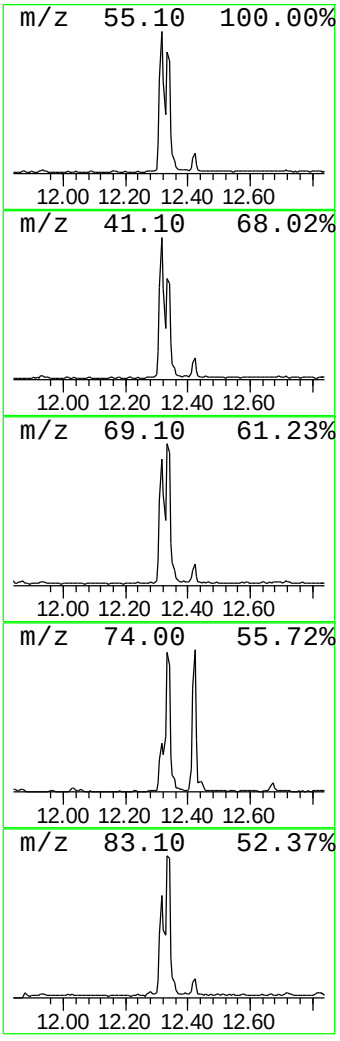
****

Peak Number 14 16-Octadecenoic acid, methy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	22.62 ng	1476250	Phenanthrene-d10	11.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
2	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

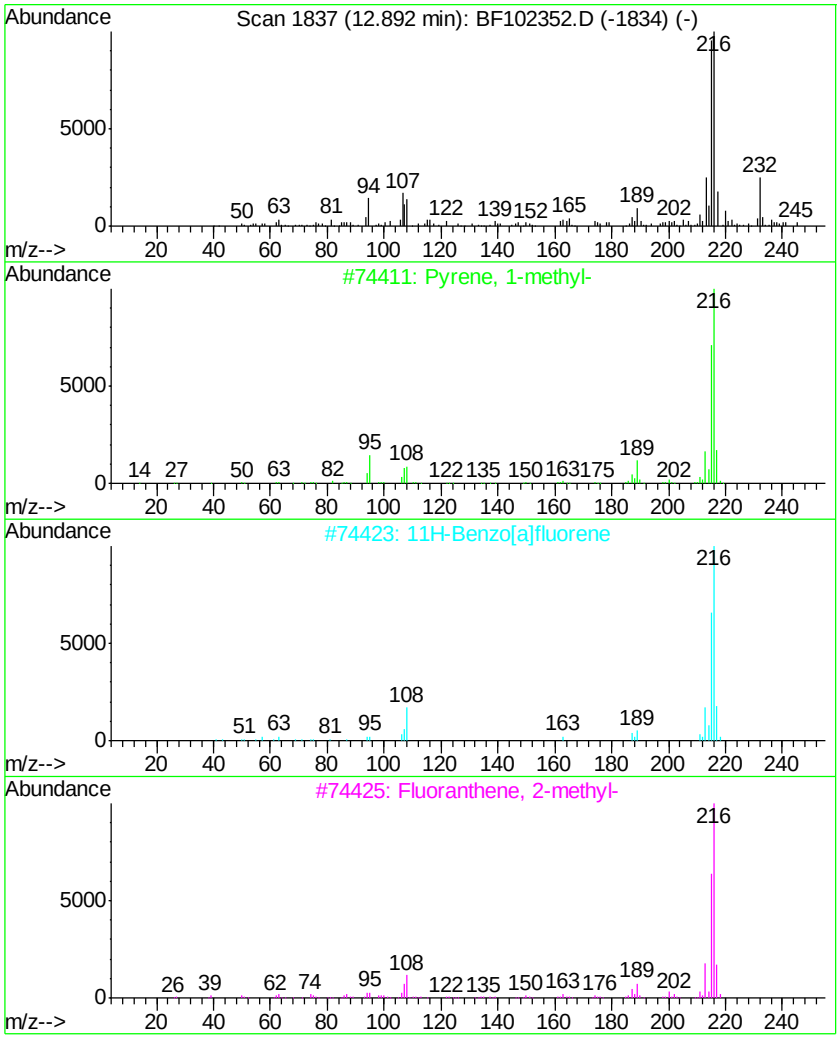
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

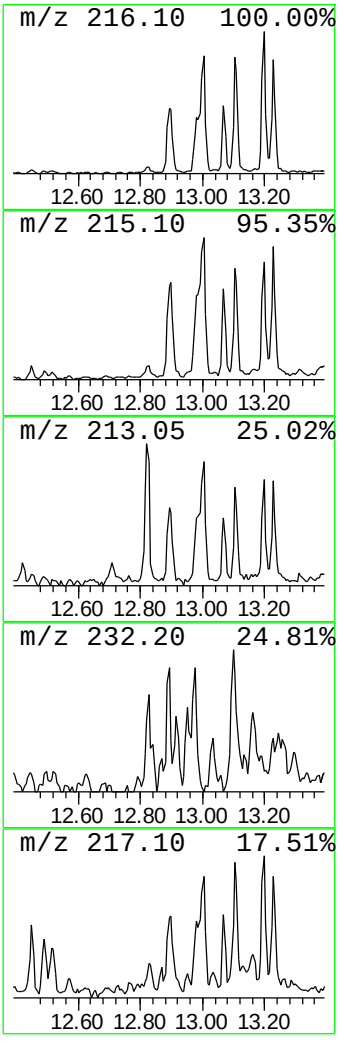
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	3.00 ng	199023	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

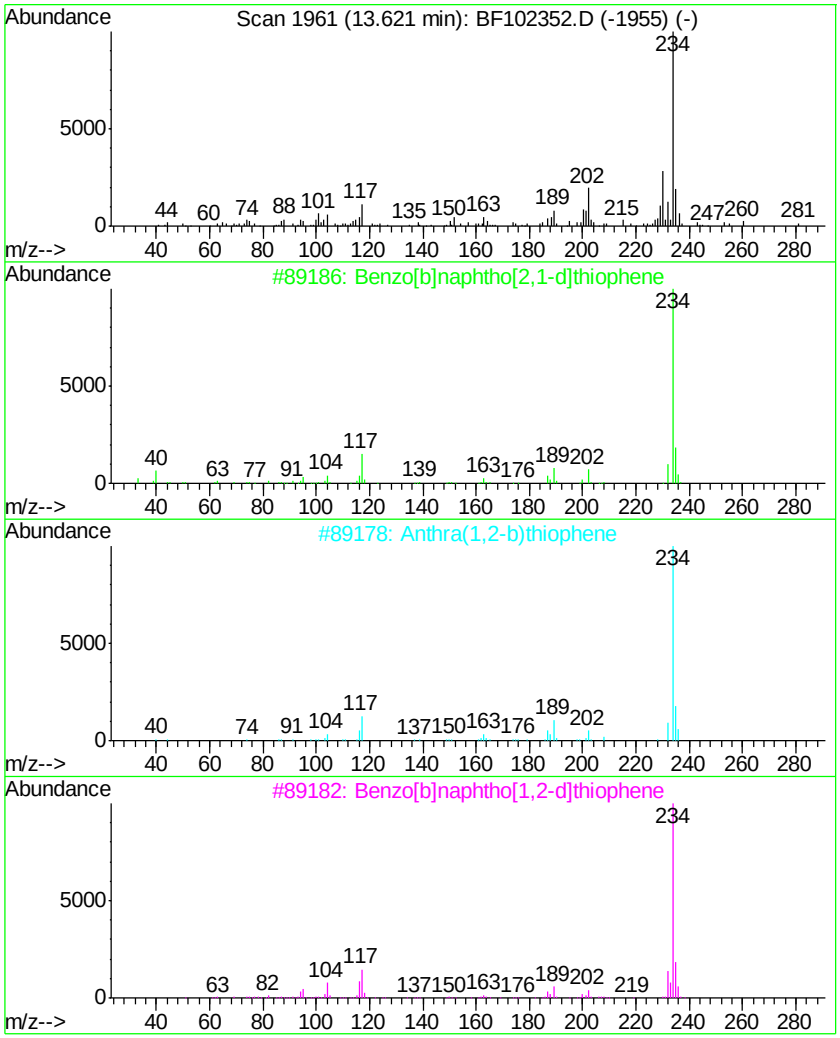
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

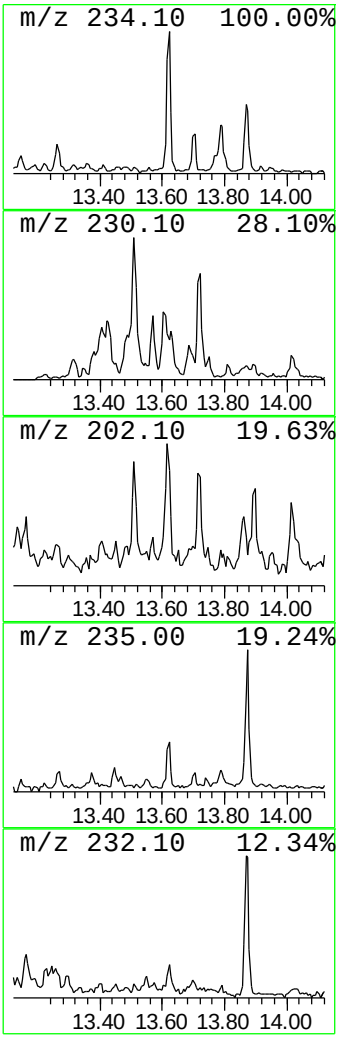
****

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.39 ng	158401	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	58
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	52
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50
5	Imidazole, 4-pentafluorophenyl-	234	C9H3F5N2	081769-58-6	47





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

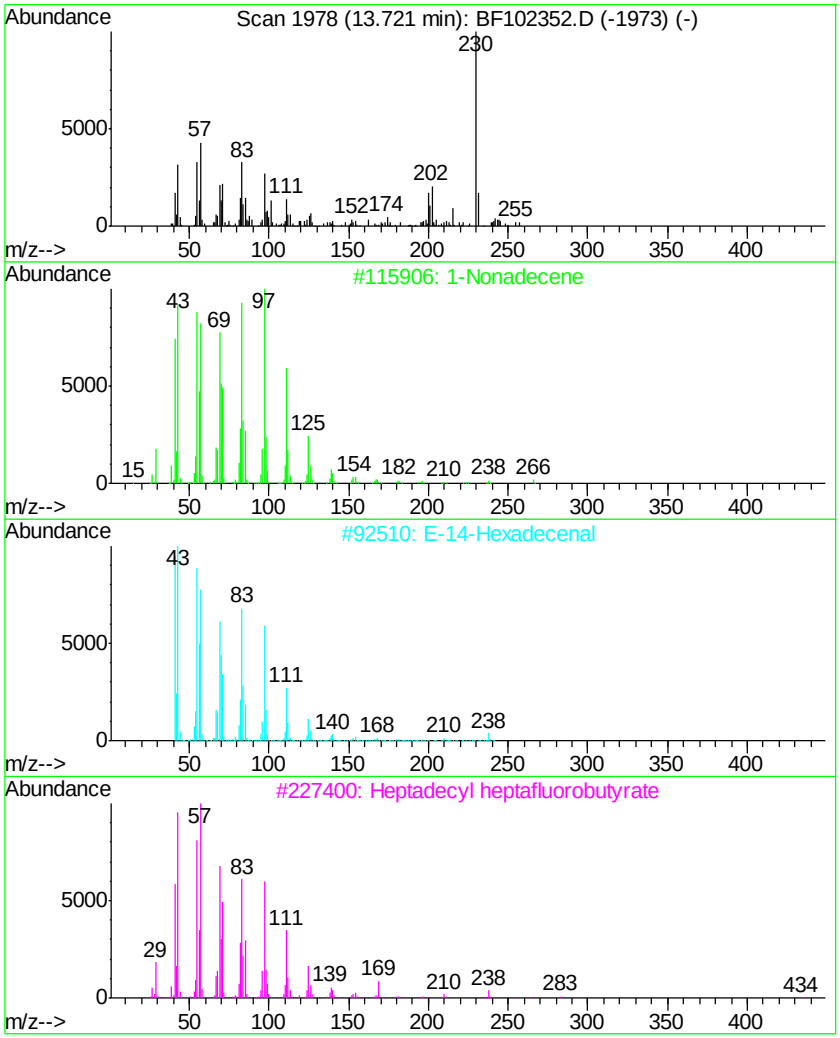
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

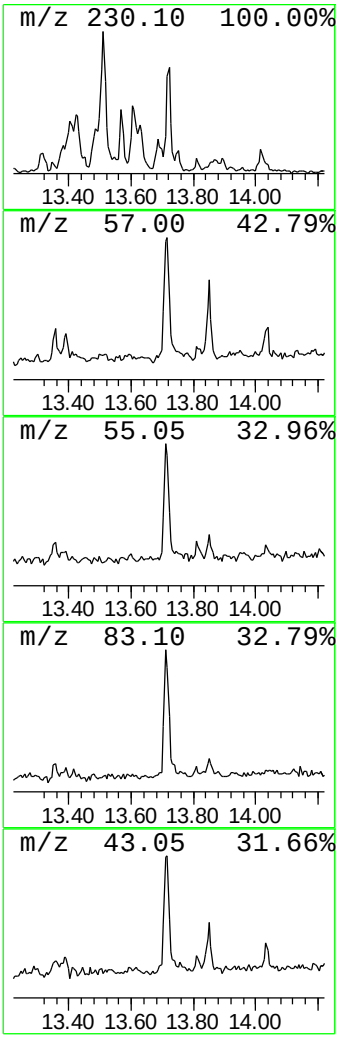
****

Peak Number 19 1-Nonadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.41 ng	292781	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	86
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	78
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	78
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	78





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

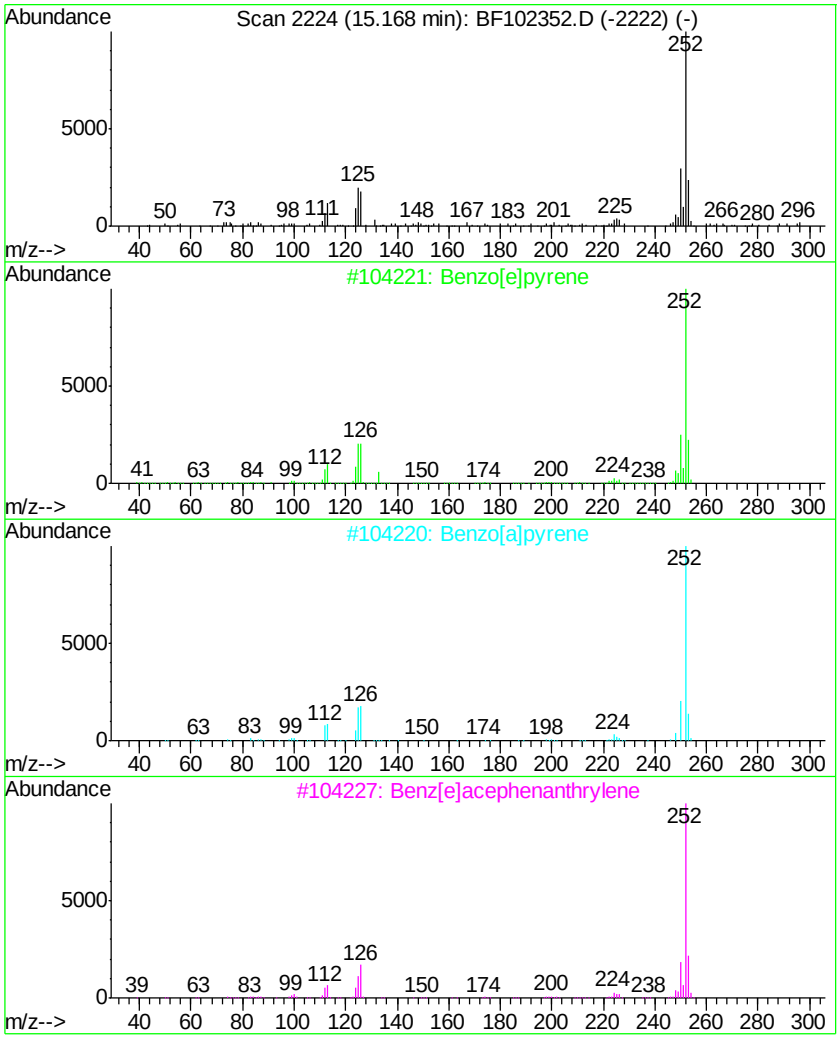
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

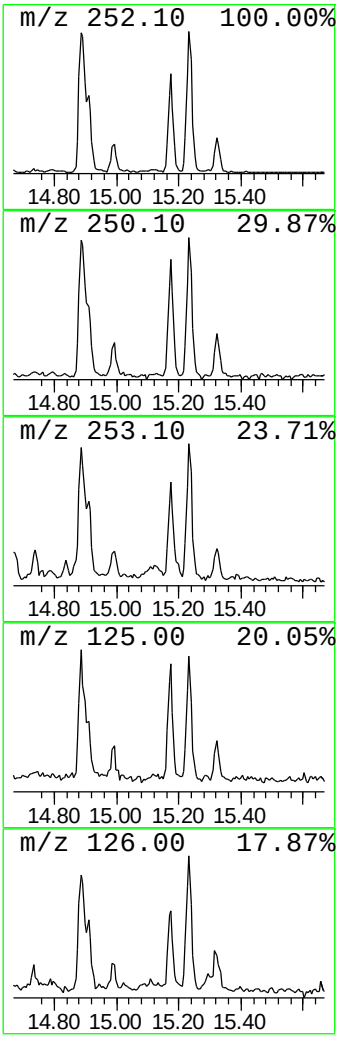
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.75 ng	126783	Perylene-d12	15.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF012318\
Data File : BF102352.D
Acq On : 23 Jan 2018 19:57
Operator : SJ/JU
Sample : J1015-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-012218-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.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...	4.92	2.5	ng	112005	1	6.72	883858	20.0
unknown6.49	6.49	73.2	ng	3235310	1	6.72	883858	20.0
Hexadecane	10.18	2.8	ng	187763	3	9.75	1357500	20.0
Tetradecane	10.65	4.0	ng	260988	4	11.23	1305170	20.0
Heneicosane	11.10	2.1	ng	138292	4	11.23	1305170	20.0
Hexadecanoic acid...	11.63	12.8	ng	832955	4	11.23	1305170	20.0
Anthracene, 2-met...	11.73	4.2	ng	272911	4	11.23	1305170	20.0
Phenanthrene, 2-m...	11.76	4.9	ng	317120	4	11.23	1305170	20.0
1H-Indene, 2-phenyl-	11.84	5.6	ng	363122	4	11.23	1305170	20.0
Phenanthrene, 2,3...	12.29	4.8	ng	311948	4	11.23	1305170	20.0
9,15-Octadecadien...	12.32	41.1	ng	2683710	4	11.23	1305170	20.0
16-Octadecenoic a...	12.34	22.6	ng	1476250	4	11.23	1305170	20.0
Pyrene, 1-methyl-	12.89	3.0	ng	199023	5	13.87	1327930	20.0
Benzo[b]naphtho[2...	13.62	2.4	ng	158401	5	13.87	1327930	20.0
1-Nonadecene	13.72	4.4	ng	292781	5	13.87	1327930	20.0
Benzo[e]pyrene	15.17	2.8	ng	126783	6	15.30	923419	20.0