LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

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-BF041717.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	2.396	70	78	83	rVB4	24540	48711	1.96%	0.160%
2	3.931	335	339	350	rBV	366361	423611	17.08%	1.395%
3	4.278	395	398	402	rBV2	63425	70678	2.85%	0.233%
4	4.325	402	406	418	rVV	2280375	2189904	88.30%	7.210%
5	4.531	438	441	445	rBV	62803	70527	2.84%	0.232%
6	4.601	449	453	460	rVB	38325	46404	1.87%	0.153%
7	4.707	466	471	476	rVB3	45814	51926	2.09%	0.171%
8	5.395	584	588	599	rBV	2152248	2332814	94.06%	7.680%
9	5.525	605	610	613	rBV	2373073	2344754	94.54%	7.720%
10	5.578	616	619	621	rVV	62386	54625	2.20%	0.180%
11	5.601	621	623	627	rVB	57843	47946	1.93%	0.158%
12	5.766	648	651	655	rBV	561210	513236	20.69%	1.690%
13	5.948	677	682	685	rBV	1928764	1868814	75.35%	6.153%
14	6.419	757	762	765	rBV	1458394	1401542	56.51%	4.614%
15	6.484	770	773	776	rVB	57065	50764	2.05%	0.167%
16	6.707	807	811	816	rBV	85651	92545	3.73%	0.305%
17	7.001	857	861	868	rBV5	31105	49603	2.00%	0.163%
18	7.260	901	905	908	rBV	802000	751902	30.32%	2.475%
19	7.283	908	909	914	rVB	261581	183162	7.39%	0.603%
20	7.819	997	1000	1005	rVB	87643	80279	3.24%	0.264%
21	8.025	1031	1035	1039	rBV	86079	79354	3.20%	0.261%
22	8.125	1046	1052	1060	rVB	205005	208004	8.39%	0.685%
23	8.242	1067	1072	1075	rBV	141214	132264	5.33%	0.435%
24	8.554	1122	1125	1126	rBV	59841	49442	1.99%	0.163%
25	8.583	1126	1130	1133	rVB	2722898	2480110	100.00%	8.165%
26	8.719	1151	1153	1159	rVB	85455	83200	3.35%	0.274%
27	8.901	1180	1184	1187	rBV2	46145	74122	2.99%	0.244%
28	8.983	1195	1198	1201	rVB	79236	82157	3.31%	0.270%
29	9.019	1201	1204	1206	rVV	85211	75932	3.06%	0.250%
30	9.083	1210	1215	1218	rBV	111826	118308	4.77%	0.390%
31	9.119	1218	1221	1230	rVB3	88003	153967	6.21%	0.507%
32	9.225	1235	1239	1245	rBV2	83650	104024	4.19%	0.342%
33	9.395	1259	1268	1272	rBV3	760545	862008	34.76%	2.838%
34	9.648	1308	1311	1317	rVB2	85485	117722	4.75%	0.388%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.707	1317	1321	1323	rBV3	40512	50116	2.02%	0.165%
36	9.801	1334	1337	1341	rBV2	36186	47444	1.91%	0.156%
37	9.907	1350	1355	1361	rBV3	43918	74049	2.99%	0.244%
38	9.989	1366	1369	1375	rBV	122293	132585	5.35%	0.437%
39	10.072	1380	1383	1387	rVB	77328	78431	3.16%	0.258%
40	10.266	1412	1416	1419	rBV2	76812	92702	3.74%	0.305%
41	10.371	1430	1434	1441	rBV	1210711	1285255	51.82%	4.231%
42	10.577	1466	1469	1470	rBV	132544	131479	5.30%	0.433%
43	10.595	1470	1472	1476	rVB	118036	112514	4.54%	0.370%
44	10.924	1524	1528	1533	rVV4	46542	97255	3.92%	0.320%
45	10.989	1536	1539	1546	rVV4	60203	81249	3.28%	0.267%
46	11.054	1546	1550	1553	rVV	32146	46172	1.86%	0.152%
47	11.130	1559	1563	1566	rVV	116081	107407	4.33%	0.354%
48	11.166	1566	1569	1573	rVB	43337	48158	1.94%	0.159%
49	11.219	1574	1578	1581	rBV	621889	636743	25.67%	2.096%
50	11.248	1581	1583	1587	rVV	328109	279855	11.28%	0.921%
51	11.313	1587	1594	1598	rVB	154518	182411	7.35%	0.601%
52	11.524	1626	1630	1633	rBV	53832	62082	2.50%	0.204%
53	11.660	1649	1653	1658	rVB2	82405	103743	4.18%	0.342%
54	11.718	1658	1663	1671	rVB10	27989	52335	2.11%	0.172%
55	11.842	1680	1684	1687	rBV	78567	82722	3.34%	0.272%
56	11.877	1687	1690	1695	rVB	142631	150911	6.08%	0.497%
57	11.954	1697	1703	1704	rBV2	129875	154258	6.22%	0.508%
58	11.971	1704	1706	1710	rVB2	77335	77044	3.11%	0.254%
59	12.160	1736	1738	1743	rVB	61834	61066	2.46%	0.201%
60	12.213	1743	1747	1750	rVV	72160	80772	3.26%	0.266%
61	12.242	1750	1752	1757	rVB3	39096	48708	1.96%	0.160%
62	12.436	1782	1785	1787	rBV	46400	48447	1.95%	0.160%
63	12.524	1796	1800	1803	rVV	104362	122818	4.95%	0.404%
64	12.560	1803	1806	1810	rVV3	58159	95769	3.86%	0.315%
65	12.624	1814	1817	1818	rVV2	65554	69408	2.80%	0.229%
66	12.642	1818	1820	1823	rVB	79674	72688	2.93%	0.239%
67	12.713	1828	1832	1835	rBV	526081	546429	22.03%	1.799%
68	12.789	1842	1845	1848	rBV3	39632	48476	1.95%	0.160%
69	12.824	1848	1851	1857	rVB4	35652	60628	2.44%	0.200%
70	12.889	1857	1862	1864	rBV4	48460	57664	2.33%	0.190%
71	12.983	1874	1878	1882	rVB	585497	657346	26.50%	2.164%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

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-BF041717.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.036	1884	1887	1892	rVB5	34767	62531	2.52%	0.206%
73	13.101	1892	1898	1901	rVB2	65758	103919	4.19%	0.342%
74	13.148	1903	1906	1909	rBV	46237	49568	2.00%	0.163%
75	13.195	1909	1914	1918	rBV	1675043	1810574	73.00%	5.961%
76	13.277	1924	1928	1931	rVB3	46604	65802	2.65%	0.217%
77	13.383	1939	1946	1947	rBV3	77983	133351	5.38%	0.439%
78	13.530	1967	1971	1977	rVB4	101079	175250	7.07%	0.577%
79	13.636	1986	1989	1993	rVB	62185	64174	2.59%	0.211%
80	13.677	1993	1996	2002	rBV	43073	71512	2.88%	0.235%
81	14.030	2053	2056	2063	rVB	100220	119671	4.83%	0.394%
82	14.160	2074	2078	2082	rBV	94801	119680	4.83%	0.394%
83	14.218	2086	2088	2091	rVV	61506	60467	2.44%	0.199%
84	14.289	2097	2100	2104	rVB	67505	68642	2.77%	0.226%
85	14.365	2107	2113	2122	rBV4	88094	225972	9.11%	0.744%
86	14.471	2126	2131	2134	rVV2	580653	922866	37.21%	3.038%
87	14.501	2134	2136	2139	rVB	297541	289898	11.69%	0.954%
88	14.595	2149	2152	2155	rVB3	48575	51258	2.07%	0.169%
89	14.630	2156	2158	2163	rBV5	39749	48432	1.95%	0.159%
90	14.765	2178	2181	2184	rBV3	59777	65641	2.65%	0.216%
91	14.954	2211	2213	2217	rVB	74546	87900	3.54%	0.289%
92	15.142	2243	2245	2252	rVB4	65644	89485	3.61%	0.295%
93	15.577	2316	2319	2322	rVB	117049	128721	5.19%	0.424%
94	15.701	2336	2340	2343	rBV	485348	671103	27.06%	2.209%
95	15.806	2356	2358	2362	rVB	74089	73824	2.98%	0.243%
96	15.989	2385	2389	2395	rBV	288135	318318	12.83%	1.048%
97	16.042	2395	2398	2404	rBV	236021	275588	11.11%	0.907%
98	16.101	2404	2408	2411	rBV	381700	395204	15.93%	1.301%
99	17.389	2622	2627	2632	rBV2	124504	213647	8.61%	0.703%
100	17.765	2687	2691	2698	rVB	101123	179306	7.23%	0.590%

Sum of corrected areas: 30373804

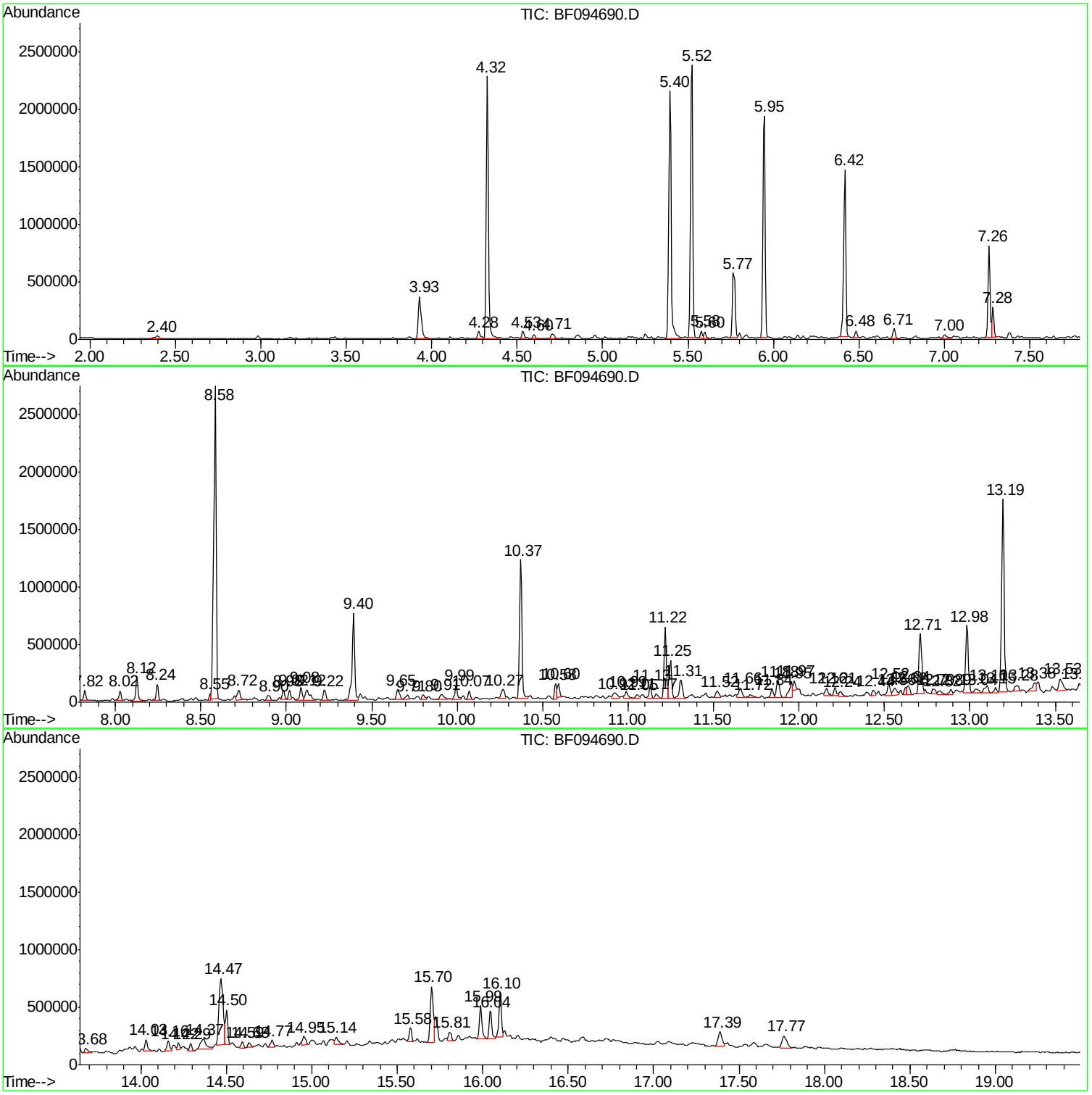
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

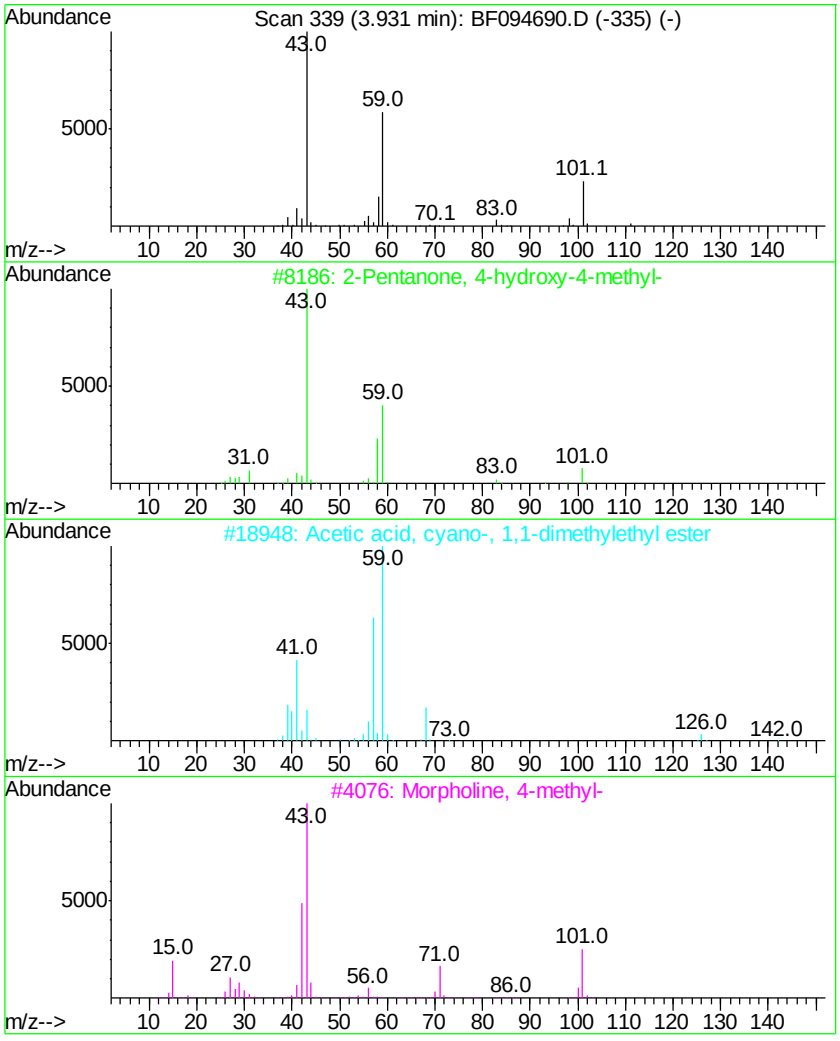
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

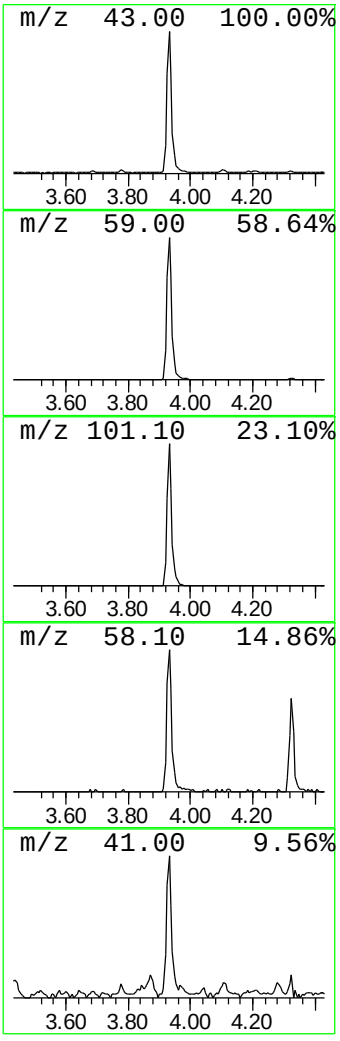
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	16.51 ng	423611	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

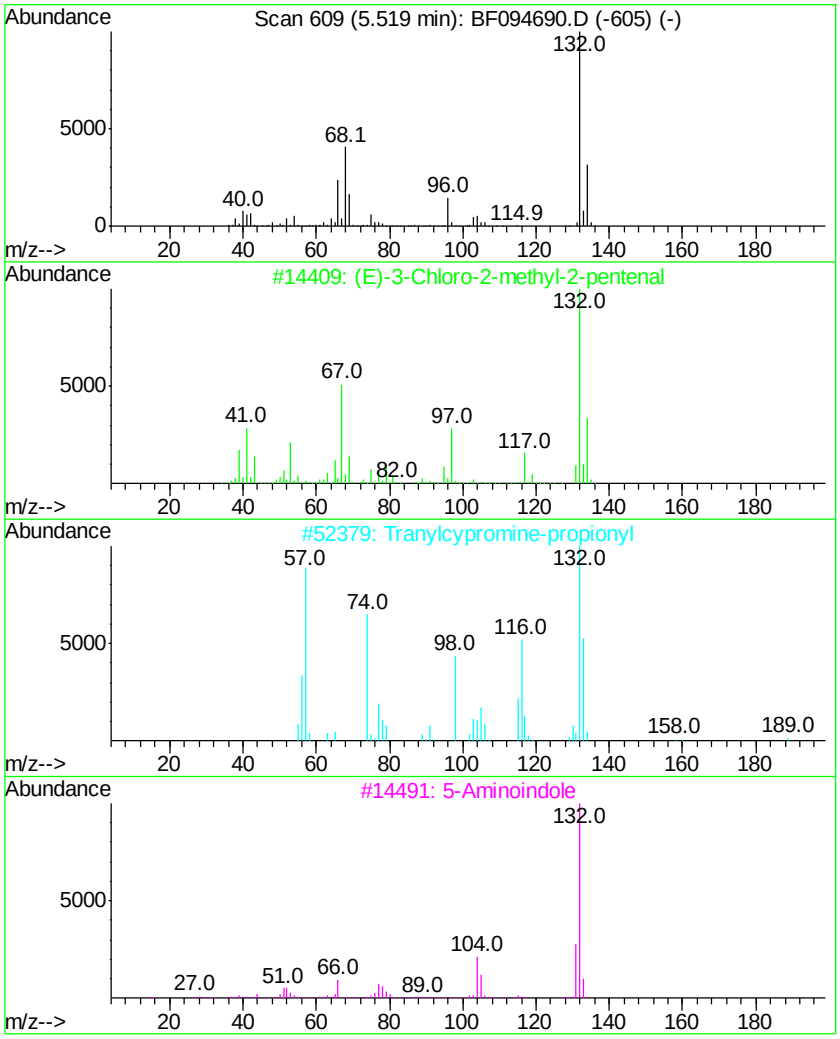
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

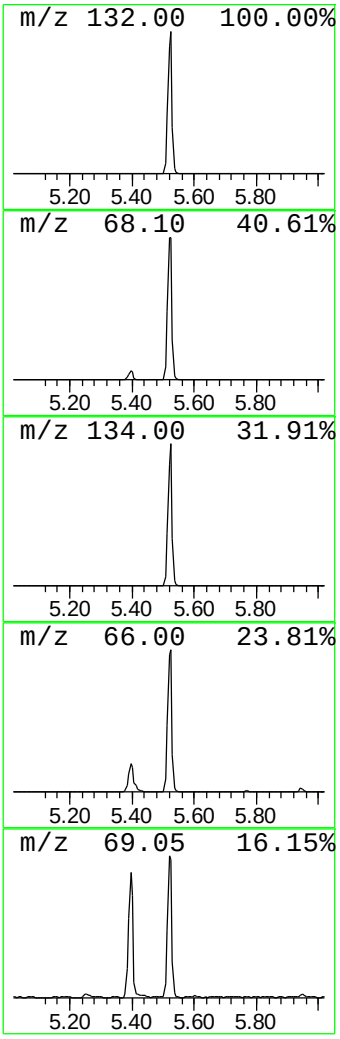
****

Peak Number 2 unknown5.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.52	91.37 ng	2344750	1,4-Dichlorobenzene-d4	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

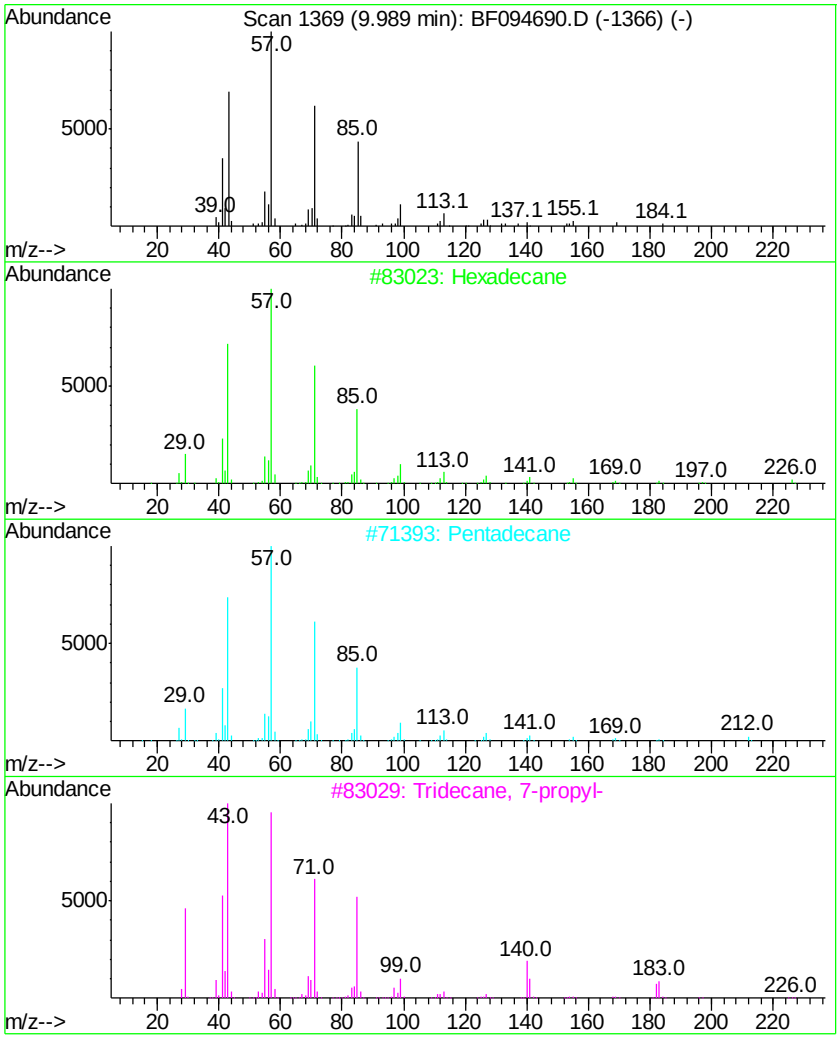
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

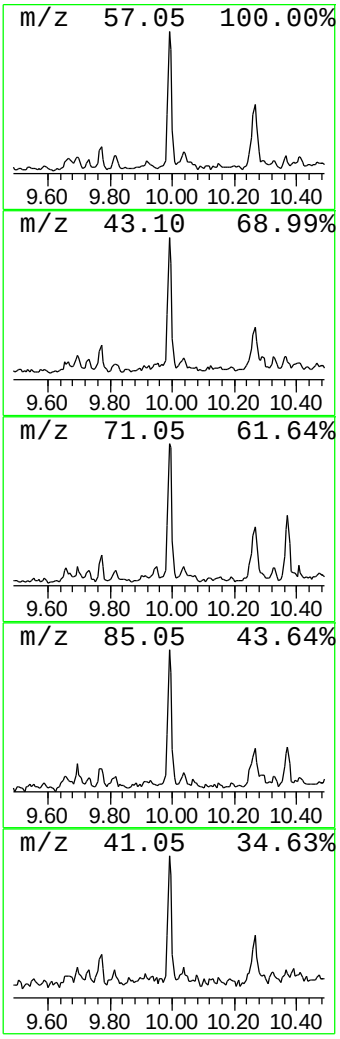
****

Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	3.08 ng	132585	Acenaphthene-d10	9.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	72
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	68





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

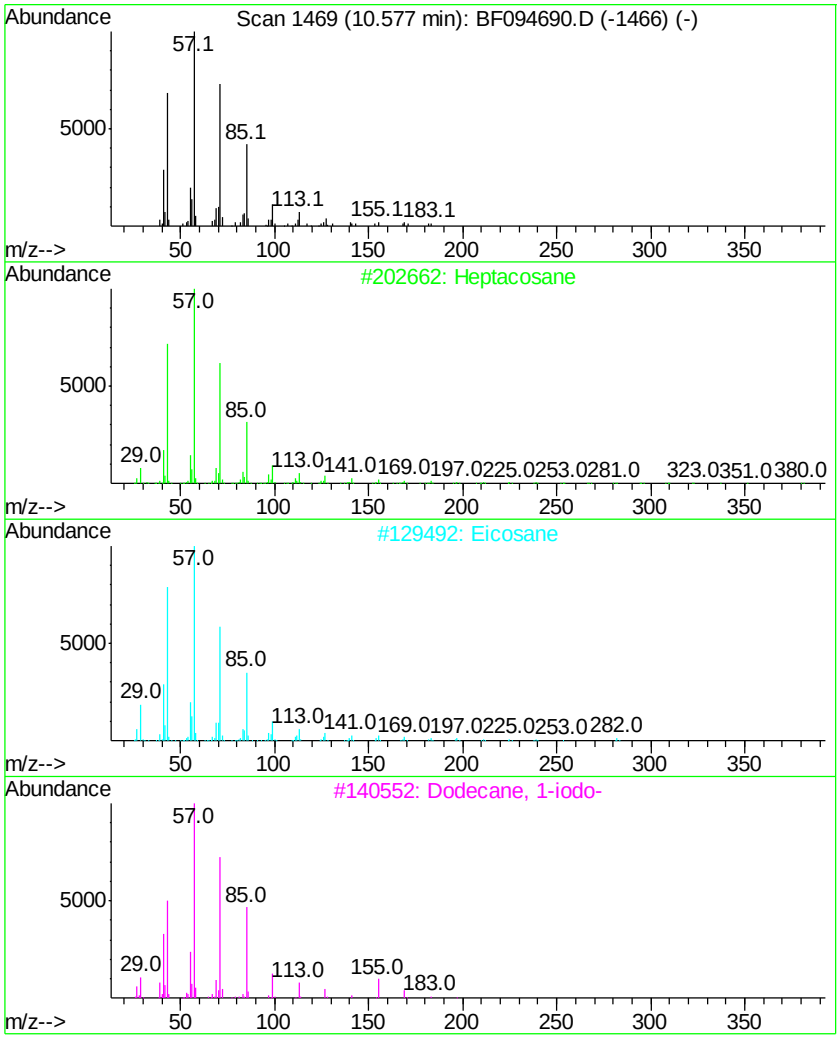
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

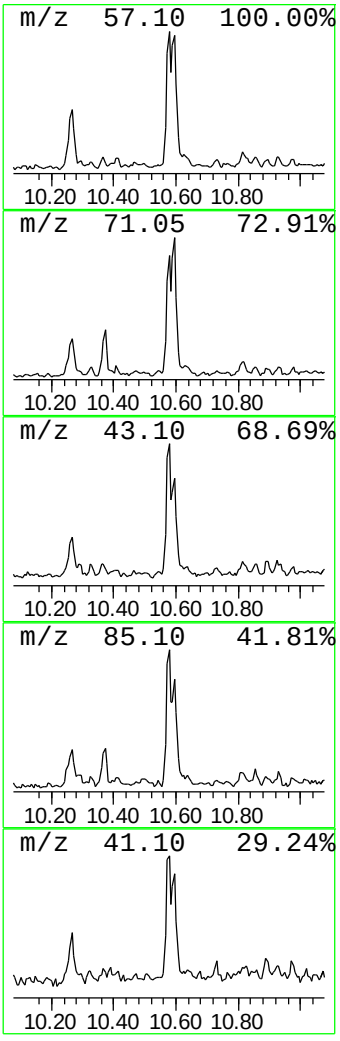
****

Peak Number 6 Heptacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	4.13 ng	131479	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

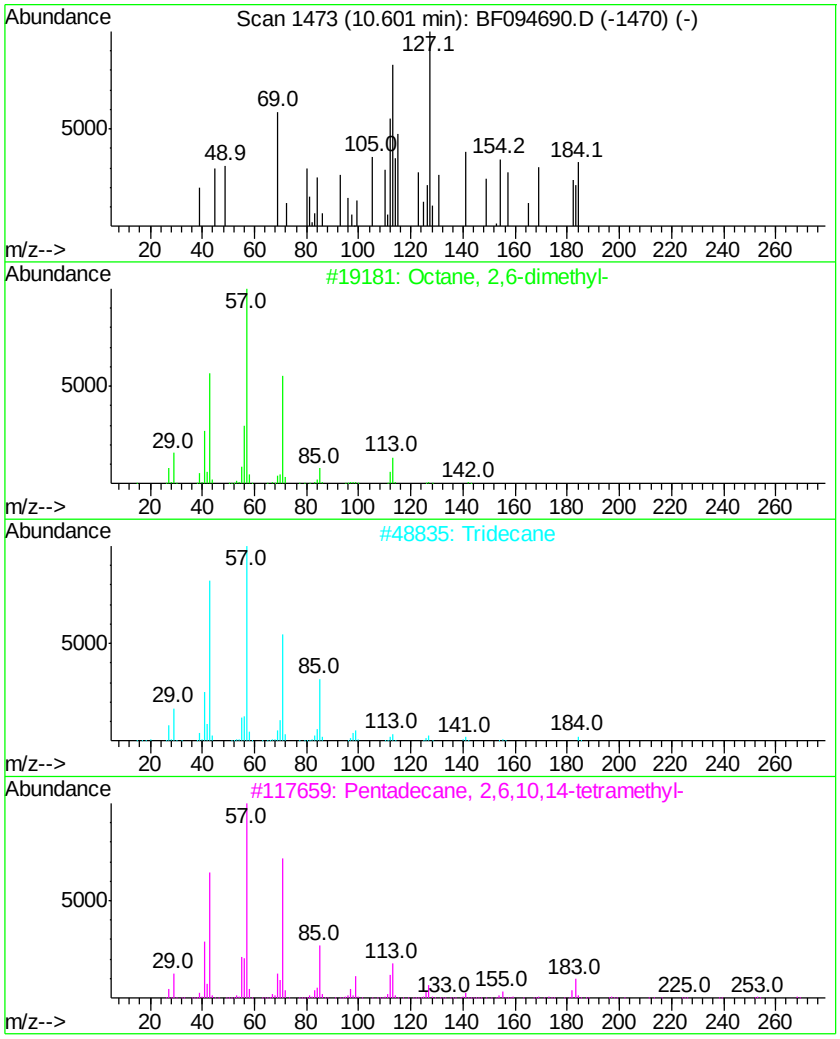
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

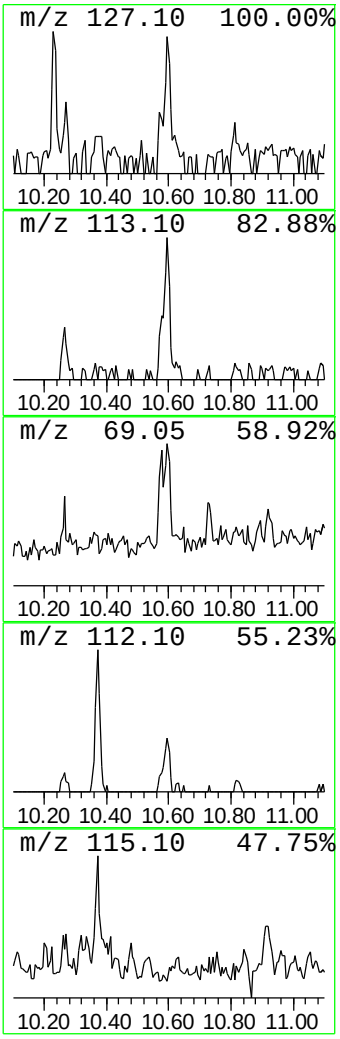
****

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.53 ng	112514	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Tridecane	184	C13H28	000629-50-5	50
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	43
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

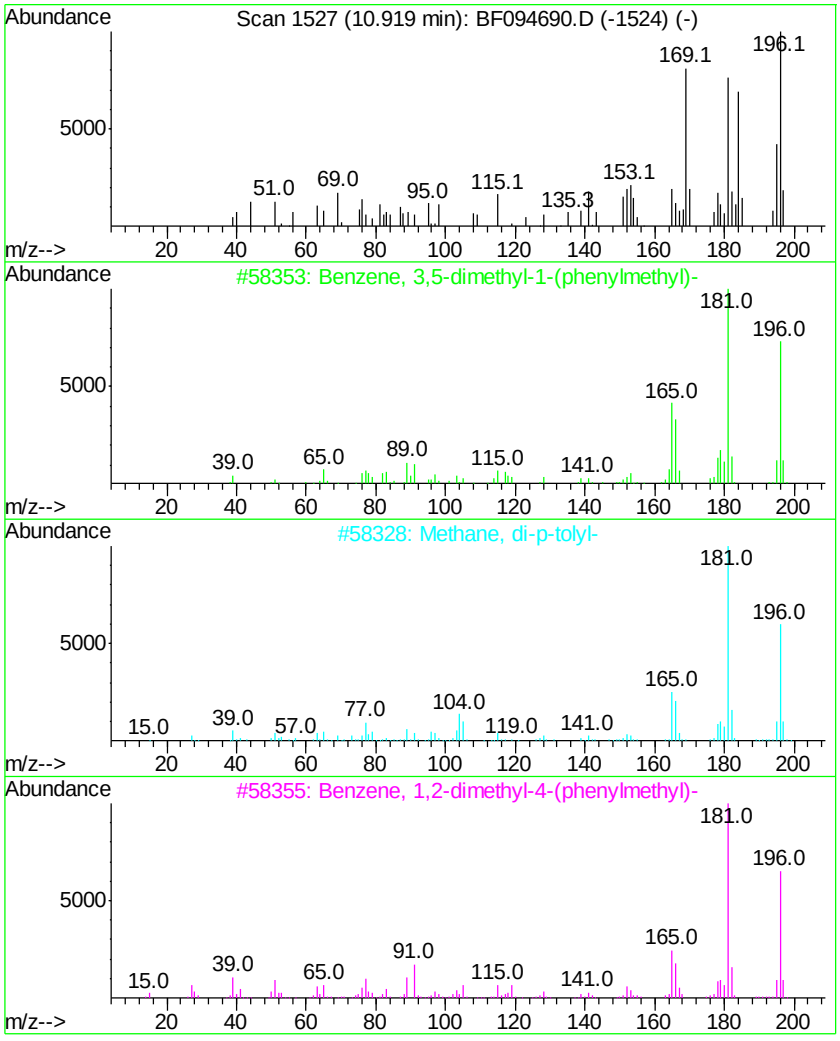
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

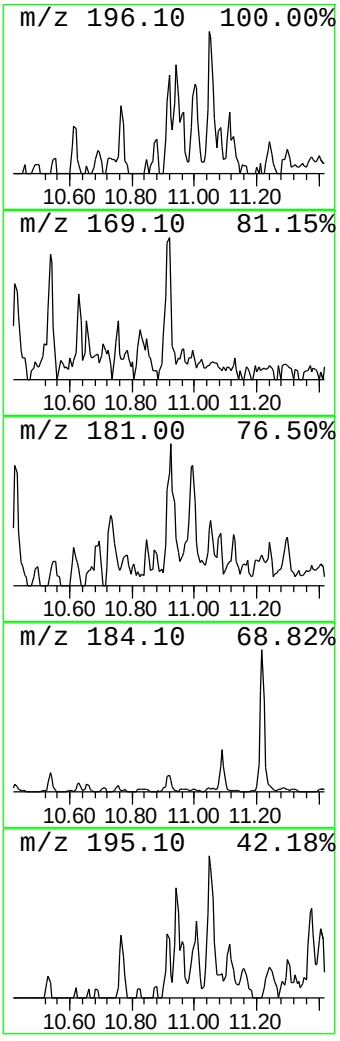
****

Peak Number 8 unknown10.92 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.05 ng	97255	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	49
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	49
3	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	49
4	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	46
5	Acenaphthene, 5-acetyl-	196	C14H12O	010047-18-4	45





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

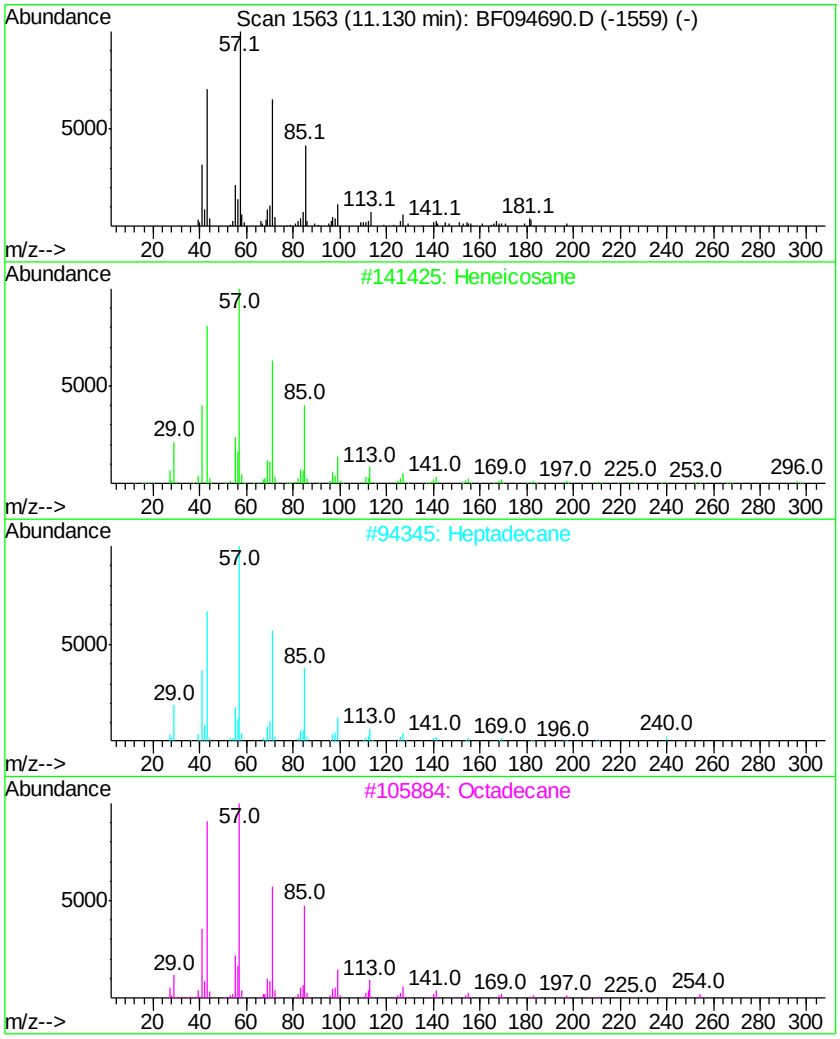
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

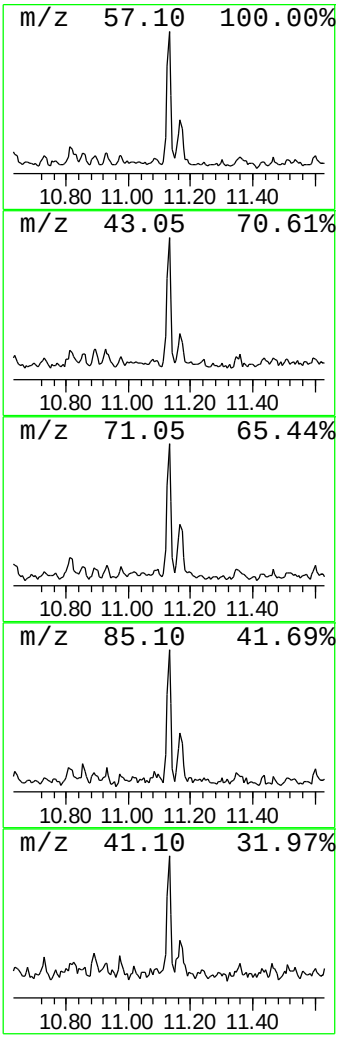
****

Peak Number 9 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	3.37 ng	107407	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane	240	C17H36	000629-78-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Nonadecane	268	C19H40	000629-92-5	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

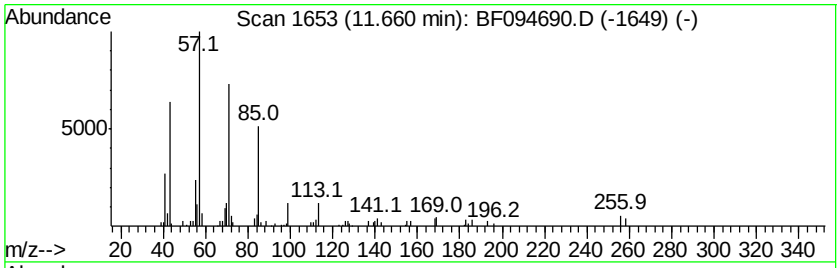
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

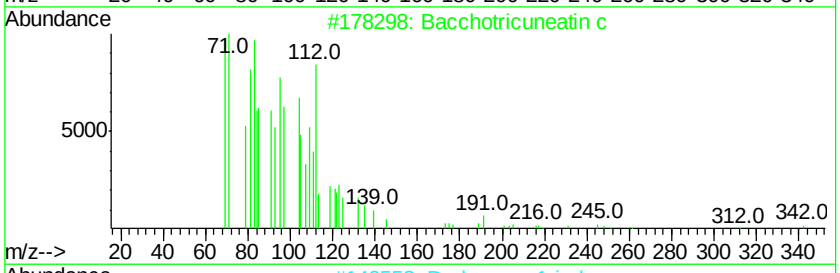
****

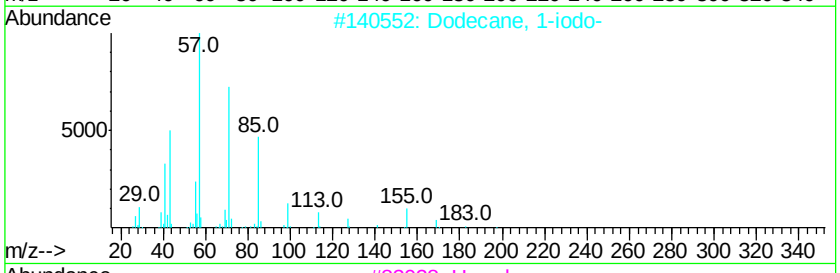
Peak Number 10 Bacchotricuneatin c Concentration Rank 16

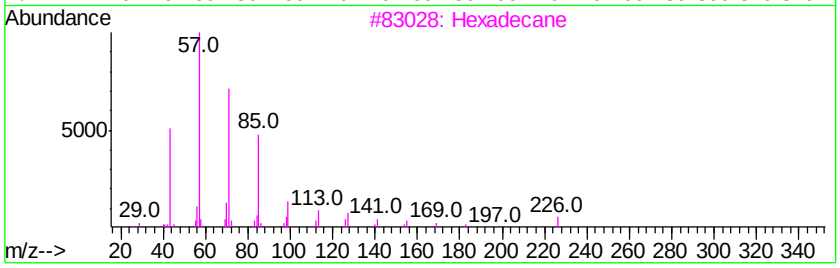
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	3.26 ng	103743	Phenanthrene-d10	11.22

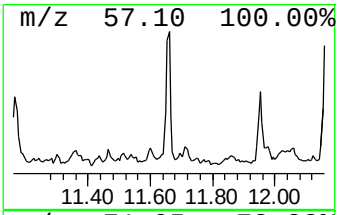
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Octadecane	254	C18H38	000593-45-3	80

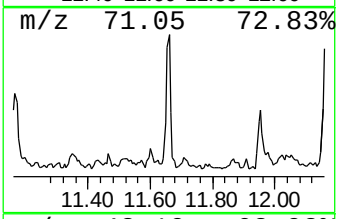


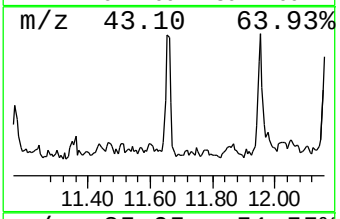


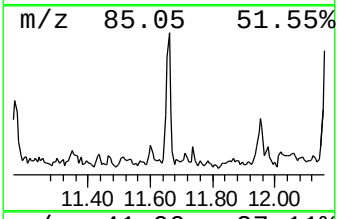


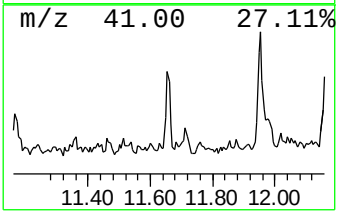












Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

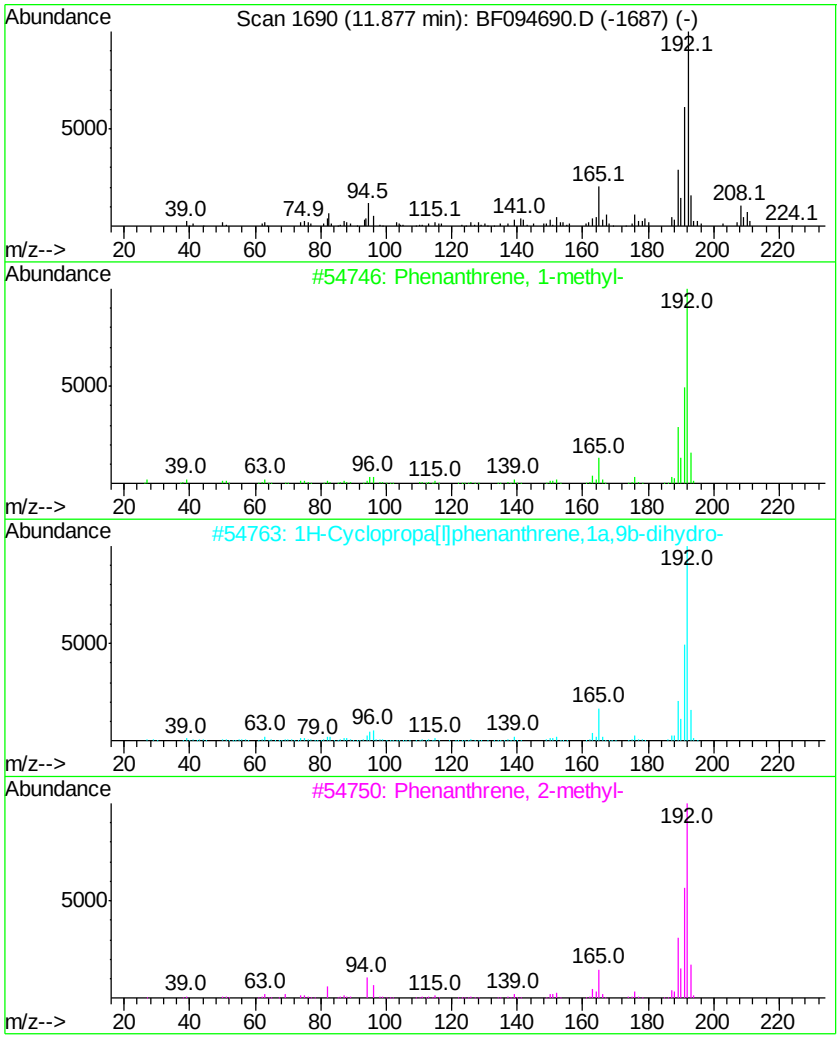
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

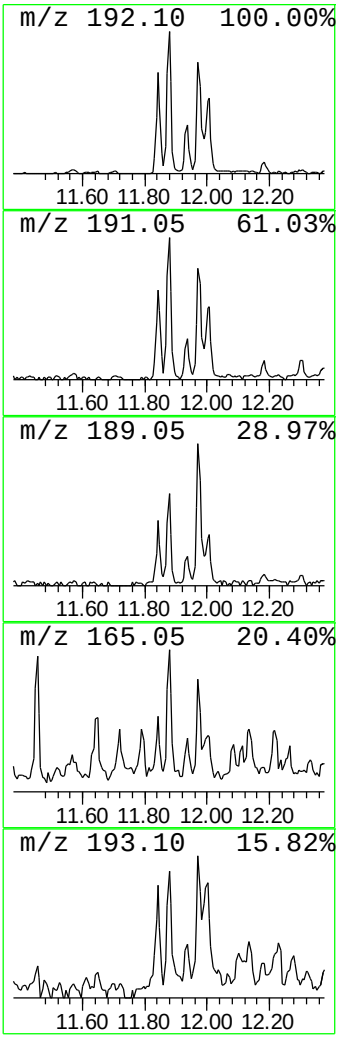
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	4.74 ng	150911	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

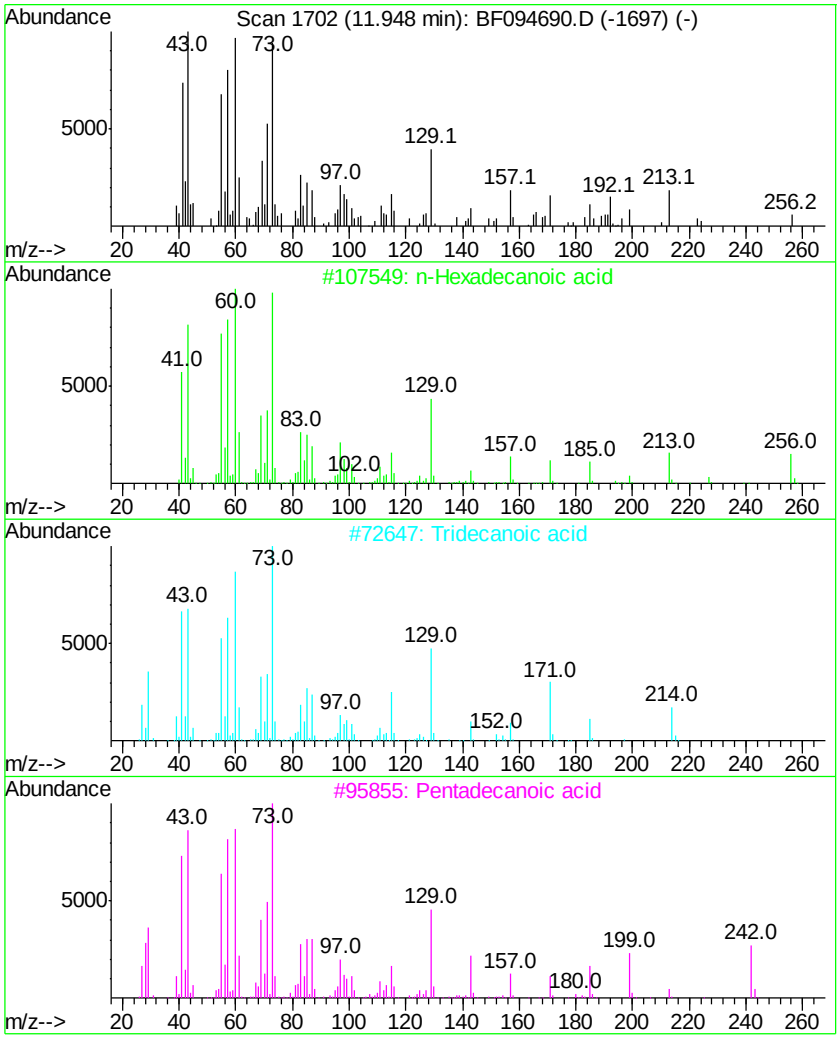
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

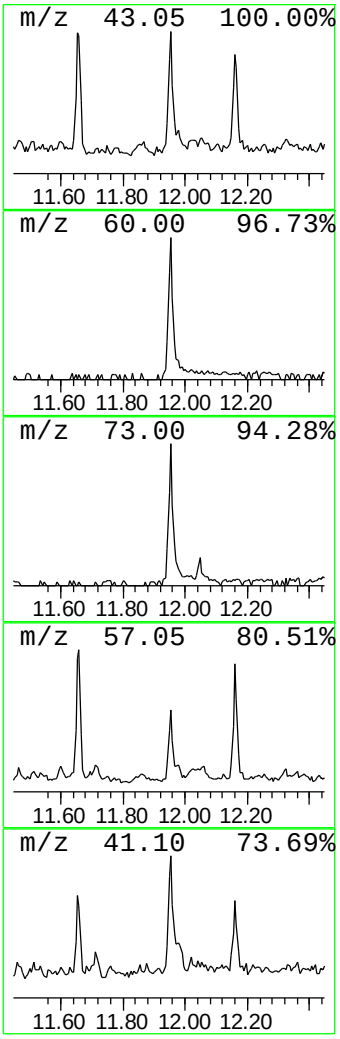
****

Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	4.85 ng	154258	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	43





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

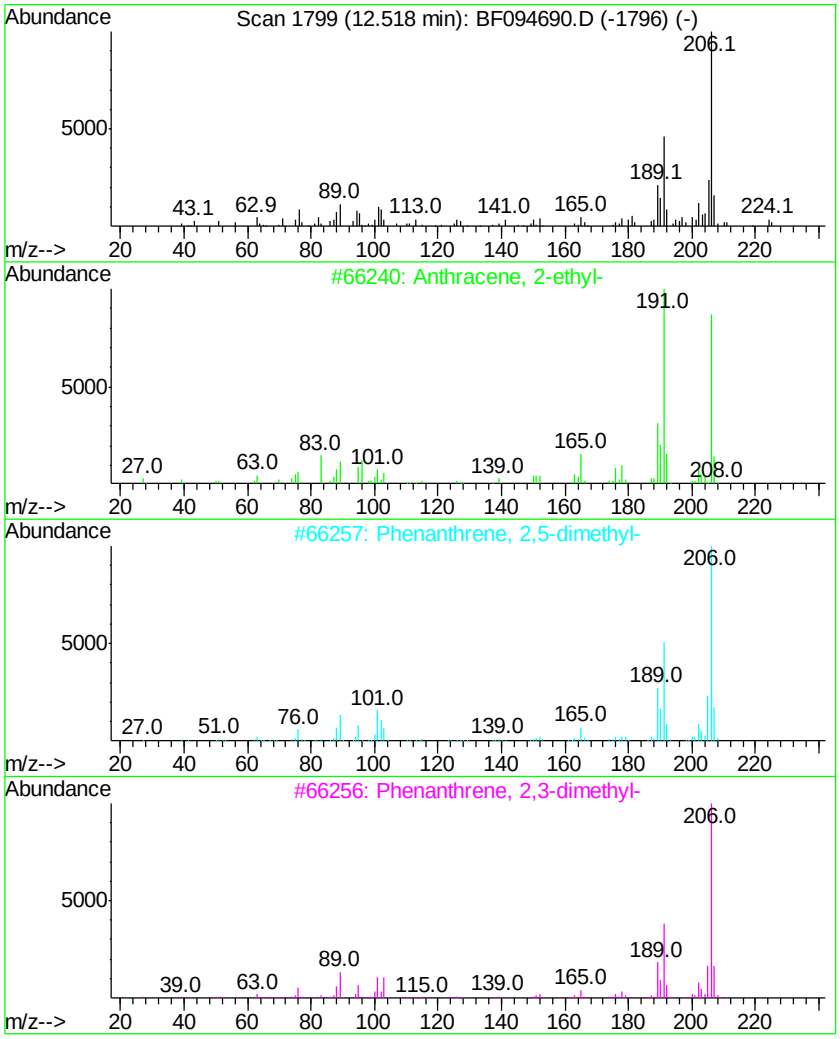
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

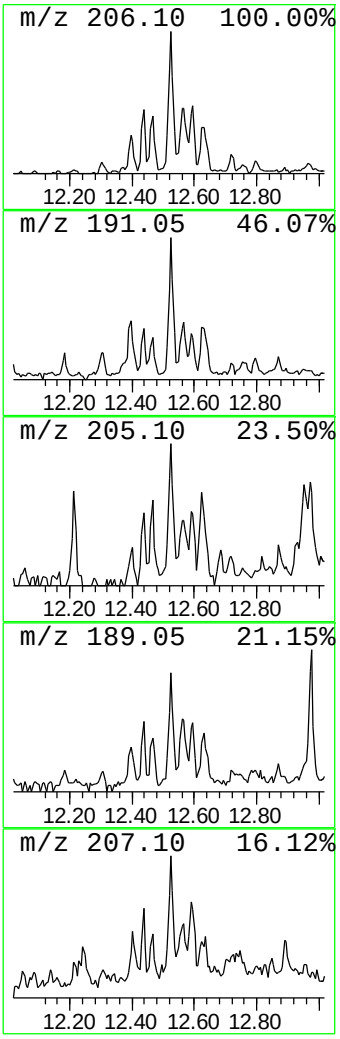
****

Peak Number 13 Anthracene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.86 ng	122818	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

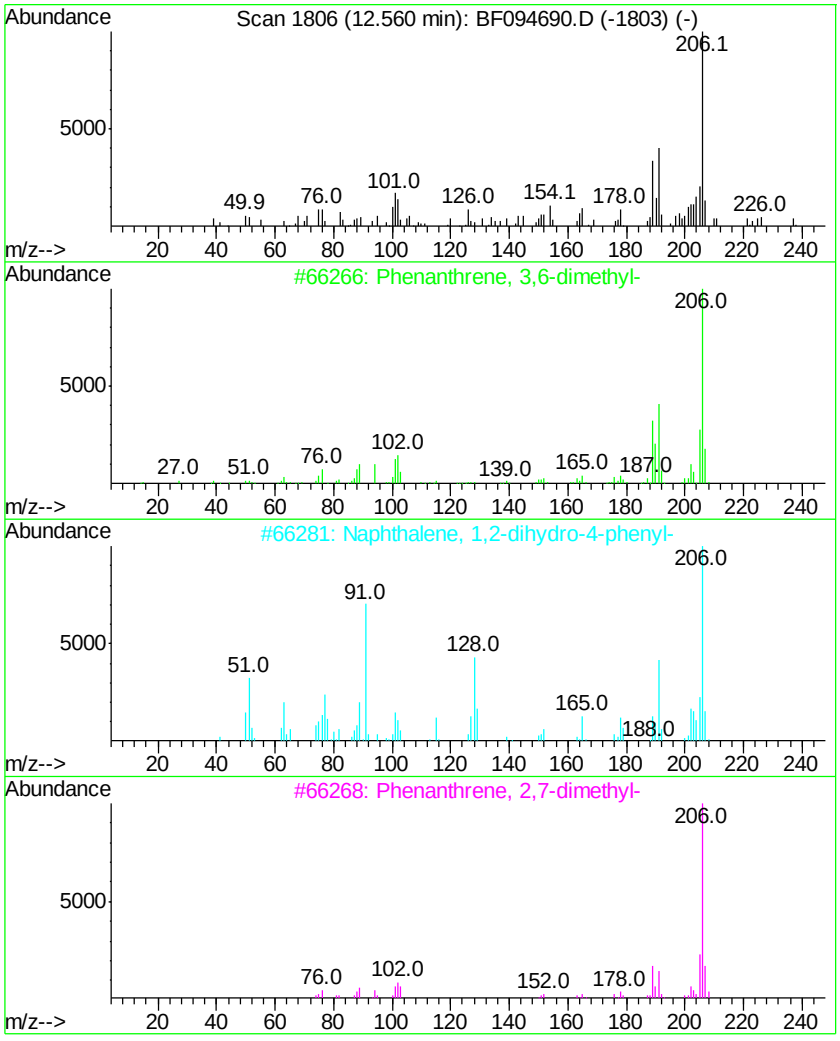
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

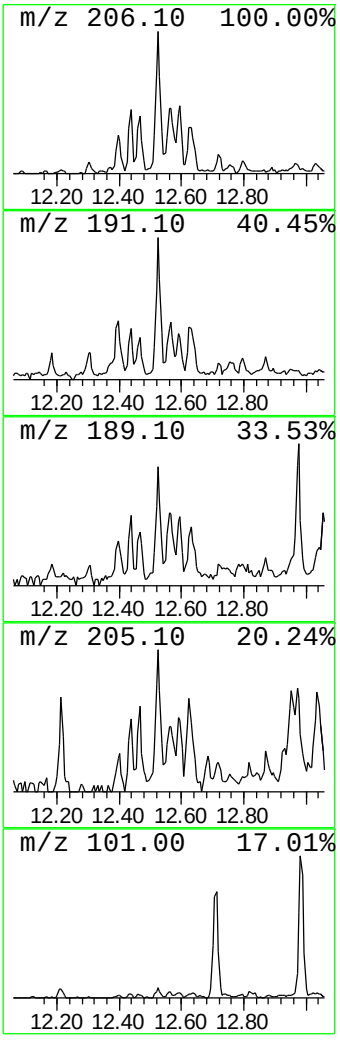
****

Peak Number 14 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	3.01 ng	95769	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

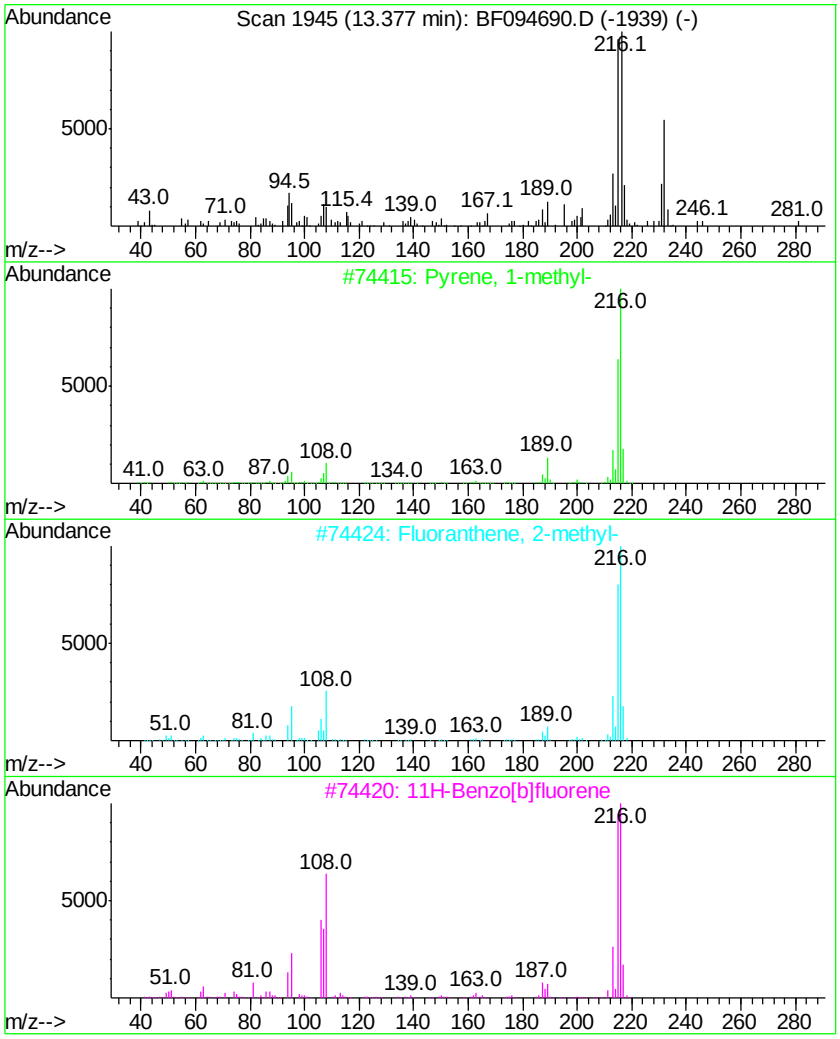
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

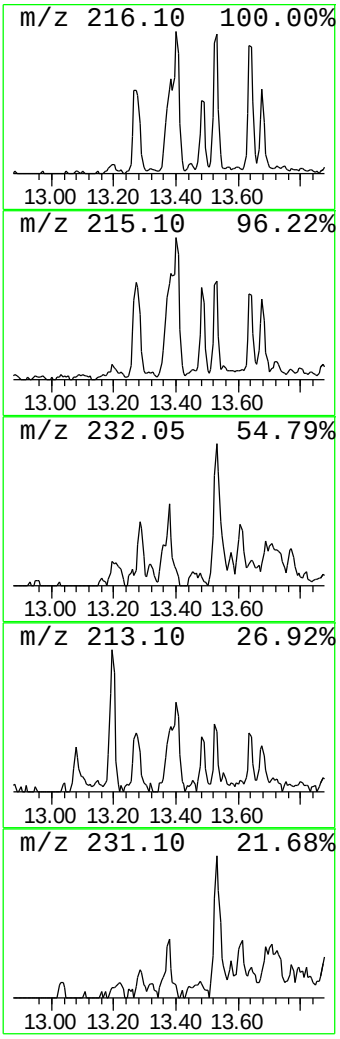
****

Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	2.89 ng	133351	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	50





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

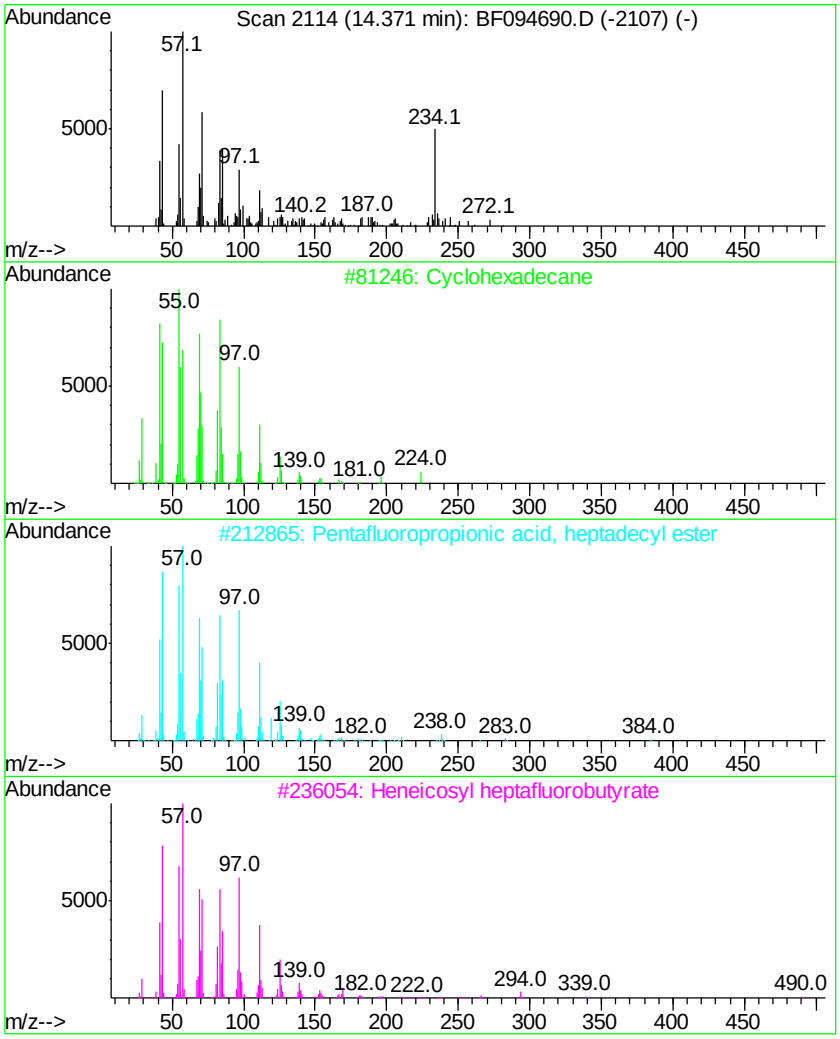
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

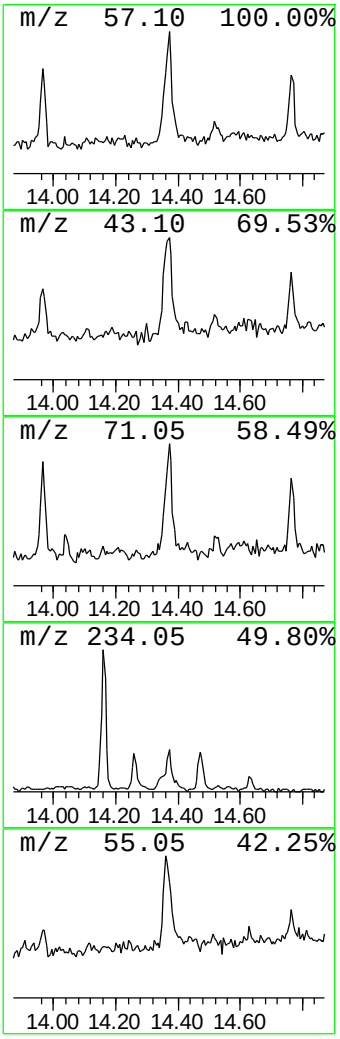
****

Peak Number 17 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	4.90 ng	225972	Chrysene-d12	14.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	81
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	76
3	Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	76
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	76
5	Octacosyl heptafluorobutyrate	606	C32H57F7O2	1000351-83-6	70





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

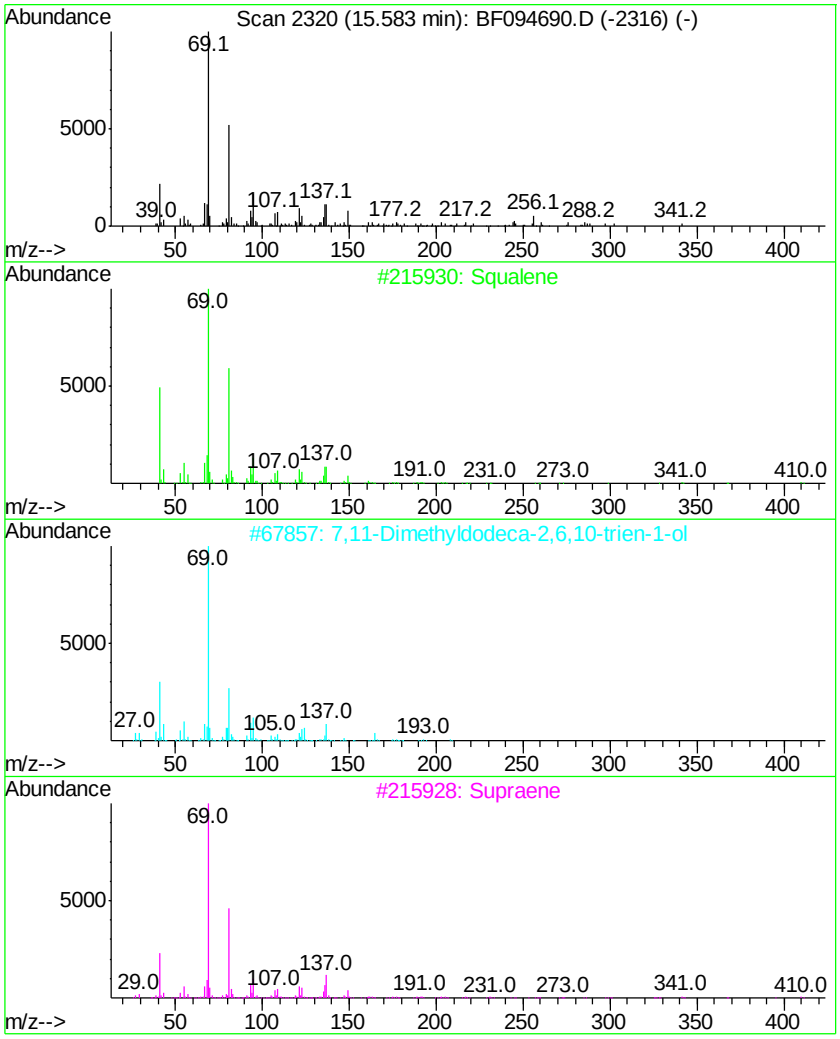
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

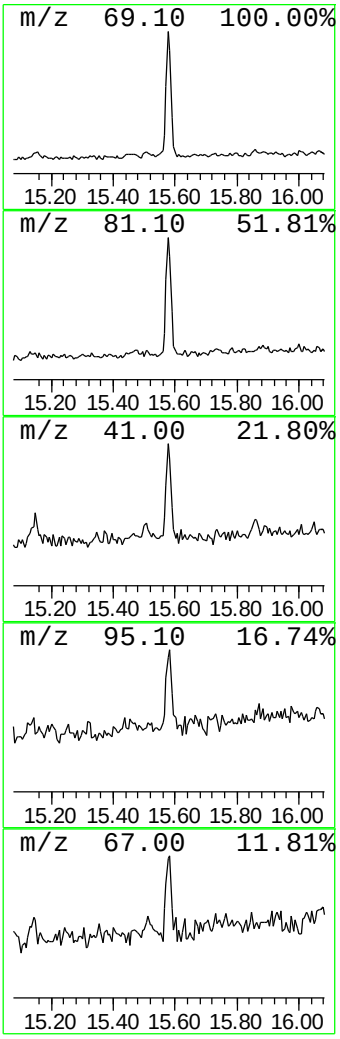
****

Peak Number 18 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	6.51 ng	128721	Perylene-d12	16.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	74
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64
3	Supraene	410	C30H50	007683-64-9	64
4	2,7,11-Trimethyl-4-phenylthiodod...	314	C21H30S	1000190-11-3	64
5	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

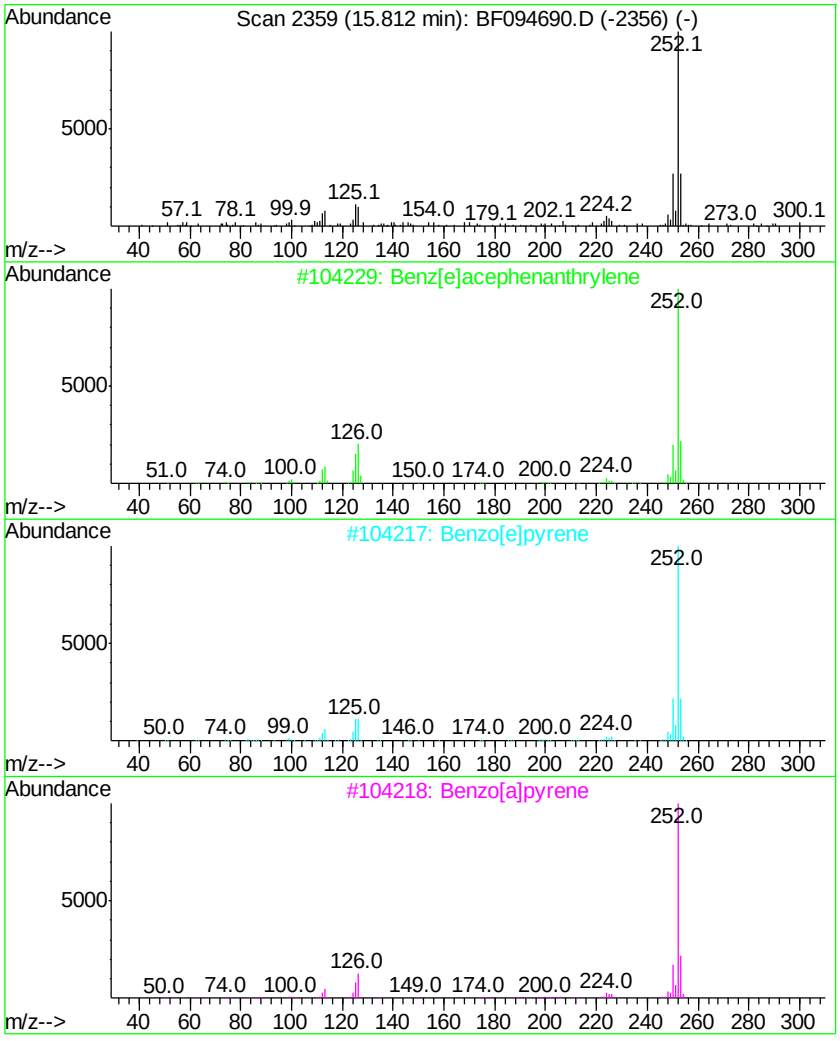
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

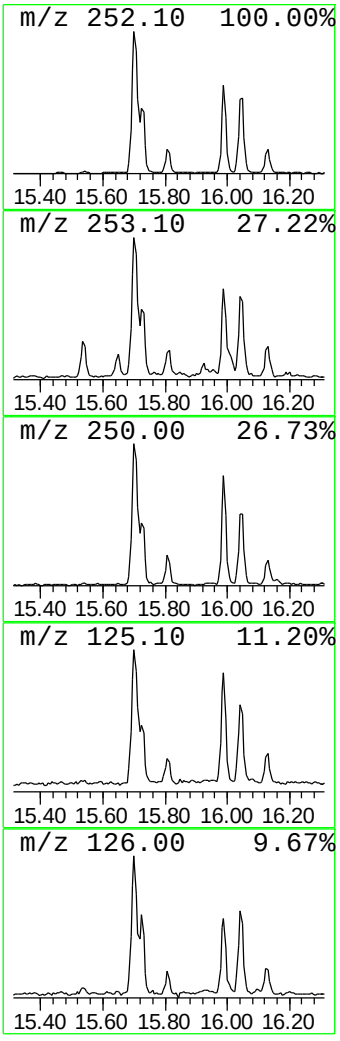
****

Peak Number 19 Benz[e]acephenanthrylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	3.74 ng	73824	Perylene-d12	16.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Perylene	252	C20H12	000198-55-0	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

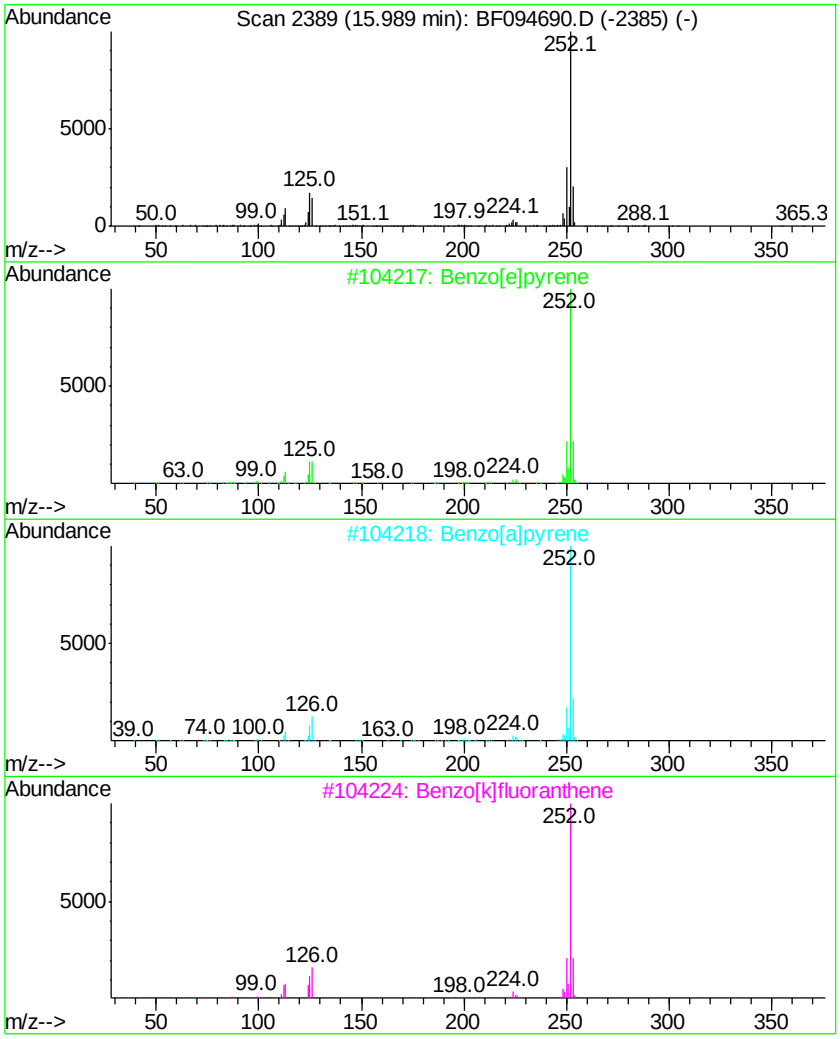
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

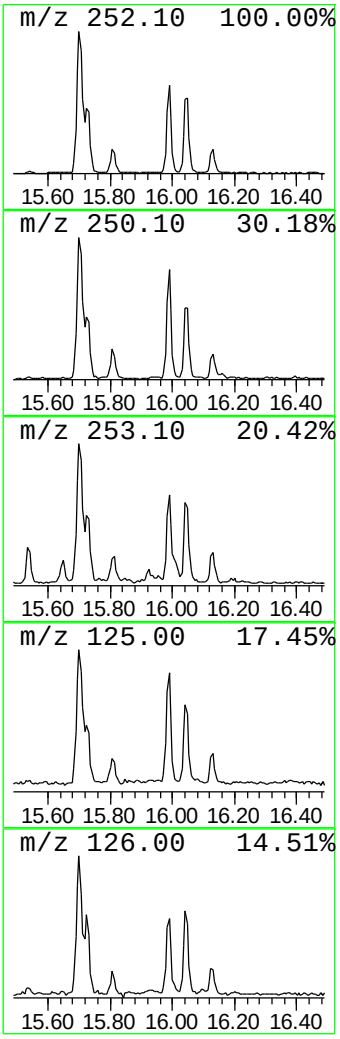
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	16.11 ng	318318	Perylene-d12	16.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042817\
Data File : BF094690.D
Acq On : 28 Apr 2017 18:16
Operator : SJ/MA
Sample : I2869-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KEARNY-GEN-STA-SP-(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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...	3.93	16.5	ng	423611	1	5.77	513236	20.0
unknown5.52	5.52	91.4	ng	2344750	1	5.77	513236	20.0
Hexadecane	9.99	3.1	ng	132585	3	9.40	862008	20.0
Heptacosane	10.58	4.1	ng	131479	4	11.22	636743	20.0
Octane, 2,6-dimet...	10.60	3.5	ng	112514	4	11.22	636743	20.0
unknown10.92	10.92	3.0	ng	97255	4	11.22	636743	20.0
Heneicosane	11.13	3.4	ng	107407	4	11.22	636743	20.0
Bacchotricuneatin c	11.66	3.3	ng	103743	4	11.22	636743	20.0
Phenanthrene, 1-m...	11.88	4.7	ng	150911	4	11.22	636743	20.0
n-Hexadecanoic acid	11.95	4.8	ng	154258	4	11.22	636743	20.0
Anthracene, 2-ethyl-	12.52	3.9	ng	122818	4	11.22	636743	20.0
Phenanthrene, 3,6...	12.56	3.0	ng	95769	4	11.22	636743	20.0
Pyrene, 1-methyl-	13.38	2.9	ng	133351	5	14.47	922866	20.0
Cyclohexadecane	14.37	4.9	ng	225972	5	14.47	922866	20.0
Squalene	15.58	6.5	ng	128721	6	16.10	395204	20.0
Benz[e]acephenant...	15.81	3.7	ng	73824	6	16.10	395204	20.0
Benzo[e]pyrene	15.99	16.1	ng	318318	6	16.10	395204	20.0