LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
Data File : BF099967.D
Acq On : 30 Oct 2017 18:37
Operator : SJ/JU
Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

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-BF102317.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	4.992	491	494	507	rBV	107148	152532	4.70%	0.290%
2	5.404	561	564	593	rBV	799300	985524	30.34%	1.873%
3	6.428	735	738	757	rBV	988452	1080035	33.25%	2.053%
4	6.557	757	760	767	rVB	1223744	1095091	33.72%	2.082%
5	6.786	796	799	808	rBV	569251	509671	15.69%	0.969%
6	6.939	822	825	835	rBV	1010319	863799	26.60%	1.642%
7	7.357	893	896	907	rBV	667806	639493	19.69%	1.216%
8	8.069	1014	1017	1019	rBV	874632	687448	21.17%	1.307%
9	8.092	1019	1021	1028	rVB	143518	137701	4.24%	0.262%
10	8.786	1135	1139	1145	rBV	175553	162841	5.01%	0.310%
11	8.880	1150	1155	1161	rVV	184451	162813	5.01%	0.309%
12	9.145	1196	1200	1203	rBV	1489394	1361265	41.91%	2.588%
13	9.410	1241	1245	1249	rBV2	118698	157243	4.84%	0.299%
14	9.480	1254	1257	1260	rVV	157061	170107	5.24%	0.323%
15	9.510	1260	1262	1265	rVV	115882	112420	3.46%	0.214%
16	9.539	1265	1267	1274	rVB2	225283	242720	7.47%	0.461%
17	9.598	1274	1277	1283	rBV	83723	101667	3.13%	0.193%
18	9.686	1289	1292	1296	rBV	473555	409217	12.60%	0.778%
19	9.827	1309	1316	1319	rVV	834342	774837	23.86%	1.473%
20	9.857	1319	1321	1324	rVB	303209	238707	7.35%	0.454%
21	10.033	1347	1351	1354	rVV2	237417	223214	6.87%	0.424%
22	10.069	1354	1357	1360	rVB2	91556	78760	2.42%	0.150%
23	10.139	1365	1369	1372	rBV	98040	108647	3.35%	0.207%
24	10.245	1380	1387	1390	rBV4	107673	158614	4.88%	0.302%
25	10.374	1406	1409	1415	rVB	491141	478830	14.74%	0.910%
26	10.439	1415	1420	1422	rBV	69120	89258	2.75%	0.170%
27	10.533	1434	1436	1439	rVB2	102829	102617	3.16%	0.195%
28	10.622	1446	1451	1457	rBV2	772222	760047	23.40%	1.445%
29	10.716	1464	1467	1473	rBV2	131408	191123	5.88%	0.363%
30	10.927	1498	1503	1505	rBV	133252	161241	4.96%	0.307%
31	10.957	1505	1508	1510	rVV	76176	76593	2.36%	0.146%
32	11.004	1514	1516	1519	rVB	76426	69913	2.15%	0.133%
33	11.051	1519	1524	1526	rBV3	68612	96119	2.96%	0.183%
34	11.074	1526	1528	1533	rVV2	75718	96797	2.98%	0.184%

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

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 >
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.133	1534	1538	1541	rVV2	90070	113227	3.49%	0.215%
36	11.169	1541	1544	1546	rVV	176897	175877	5.42%	0.334%
37	11.216	1550	1552	1557	rVB	210806	170718	5.26%	0.325%
38	11.321	1565	1570	1572	rBV	766788	743541	22.89%	1.413%
39	11.351	1572	1575	1578	rVV	2306577	2043201	62.91%	3.884%
40	11.398	1580	1583	1587	rVV	875563	720261	22.18%	1.369%
41	11.563	1605	1611	1614	rBV2	238275	274715	8.46%	0.522%
42	11.592	1614	1616	1618	rVV	106689	104904	3.23%	0.199%
43	11.651	1621	1626	1631	rVV2	74872	112979	3.48%	0.215%
44	11.698	1631	1634	1637	rVB	1331954	1111629	34.23%	2.113%
45	11.821	1652	1655	1658	rBV	387699	389605	12.00%	0.741%
46	11.851	1658	1660	1664	rVB	487017	444043	13.67%	0.844%
47	11.904	1665	1669	1671	rBV	246717	213890	6.59%	0.407%
48	11.939	1671	1675	1677	rVV2	770868	778831	23.98%	1.481%
49	11.957	1677	1678	1683	rVB	258149	198982	6.13%	0.378%
50	12.004	1683	1686	1691	rBV2	91298	110590	3.40%	0.210%
51	12.116	1702	1705	1710	rVV	260022	226103	6.96%	0.430%
52	12.163	1710	1713	1716	rVB2	125802	118636	3.65%	0.226%
53	12.298	1734	1736	1739	rVB	93744	69082	2.13%	0.131%
54	12.392	1746	1752	1753	rBV2	1984580	2022360	62.27%	3.844%
55	12.416	1753	1756	1762	rVV2	2392295	2478507	76.31%	4.711%
56	12.492	1762	1769	1773	rVB3	703812	889962	27.40%	1.692%
57	12.551	1774	1779	1782	rBV	2877699	3229826	99.44%	6.140%
58	12.580	1782	1784	1786	rVV	100655	90959	2.80%	0.173%
59	12.604	1786	1788	1792	rVV2	76168	110571	3.40%	0.210%
60	12.639	1792	1794	1798	rVV	187415	165795	5.10%	0.315%
61	12.698	1800	1804	1806	rBV	222034	201639	6.21%	0.383%
62	12.727	1806	1809	1812	rVV3	76068	99584	3.07%	0.189%
63	12.780	1812	1818	1823	rVV2	2427141	3247891	100.00%	6.174%
64	12.821	1823	1825	1829	rVB	150890	151901	4.68%	0.289%
65	12.910	1835	1840	1842	rBV2	1104438	1067574	32.87%	2.029%
66	12.945	1842	1846	1849	rVB2	82735	111576	3.44%	0.212%
67	12.992	1849	1854	1859	rBV2	266293	483171	14.88%	0.918%
68	13.080	1865	1869	1871	rBV3	267372	374577	11.53%	0.712%
69	13.104	1871	1873	1878	rVB2	569231	511331	15.74%	0.972%
70	13.168	1881	1884	1887	rVV	432505	330310	10.17%	0.628%
71	13.210	1887	1891	1898	rVB2	360101	483455	14.89%	0.919%

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Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-102617-E

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
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.304	1904	1907	1909	rVB	205565	182866	5.63%	0.348%
73	13.333	1909	1912	1915	rBV	250054	236400	7.28%	0.449%
74	13.586	1952	1955	1958	rBV	91228	106336	3.27%	0.202%
75	13.627	1958	1962	1964	rVV	230318	273153	8.41%	0.519%
76	13.651	1964	1966	1974	rVB5	159489	254726	7.84%	0.484%
77	13.727	1974	1979	1981	rBV2	300219	357713	11.01%	0.680%
78	13.751	1981	1983	1985	rVV	327107	265895	8.19%	0.505%
79	13.780	1985	1988	1995	rVV3	276522	513081	15.80%	0.975%
80	13.839	1995	1998	2003	rVB2	246148	250098	7.70%	0.475%
81	13.898	2004	2008	2011	rBV2	116989	171857	5.29%	0.327%
82	13.974	2016	2021	2025	rBV2	1485065	2389526	73.57%	4.542%
83	14.015	2025	2028	2031	rVB	1229231	1200583	36.97%	2.282%
84	14.092	2038	2041	2043	rBV	302255	246747	7.60%	0.469%
85	14.145	2047	2050	2055	rBV2	200055	218883	6.74%	0.416%
86	14.380	2084	2090	2093	rVV2	311535	407607	12.55%	0.775%
87	14.410	2093	2095	2099	rVV	126050	129270	3.98%	0.246%
88	14.480	2105	2107	2109	rVB2	117432	98290	3.03%	0.187%
89	14.509	2109	2112	2113	rBV	172375	155272	4.78%	0.295%
90	14.892	2173	2177	2180	rBV2	146755	183449	5.65%	0.349%
91	15.051	2199	2204	2214	rBV	1205534	2604681	80.20%	4.951%
92	15.157	2218	2222	2227	rBV	280554	333279	10.26%	0.634%
93	15.351	2251	2255	2261	rVB	666213	862429	26.55%	1.639%
94	15.421	2262	2267	2273	rVV	1083044	1423736	43.84%	2.706%
95	15.474	2273	2276	2279	rVV	335901	397035	12.22%	0.755%
96	15.509	2279	2282	2287	rVB2	339321	430982	13.27%	0.819%
97	16.045	2370	2373	2378	rBV	79643	100412	3.09%	0.191%
98	16.974	2525	2531	2538	rVB2	465598	896209	27.59%	1.704%
99	17.427	2602	2608	2619	rVB	334500	762488	23.48%	1.449%
100	17.680	2648	2651	2666	rVB	89340	244007	7.51%	0.464%

Sum of corrected areas: 52605717

LSC Report - Integrated Chromatogram

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Data File : BF099967.D
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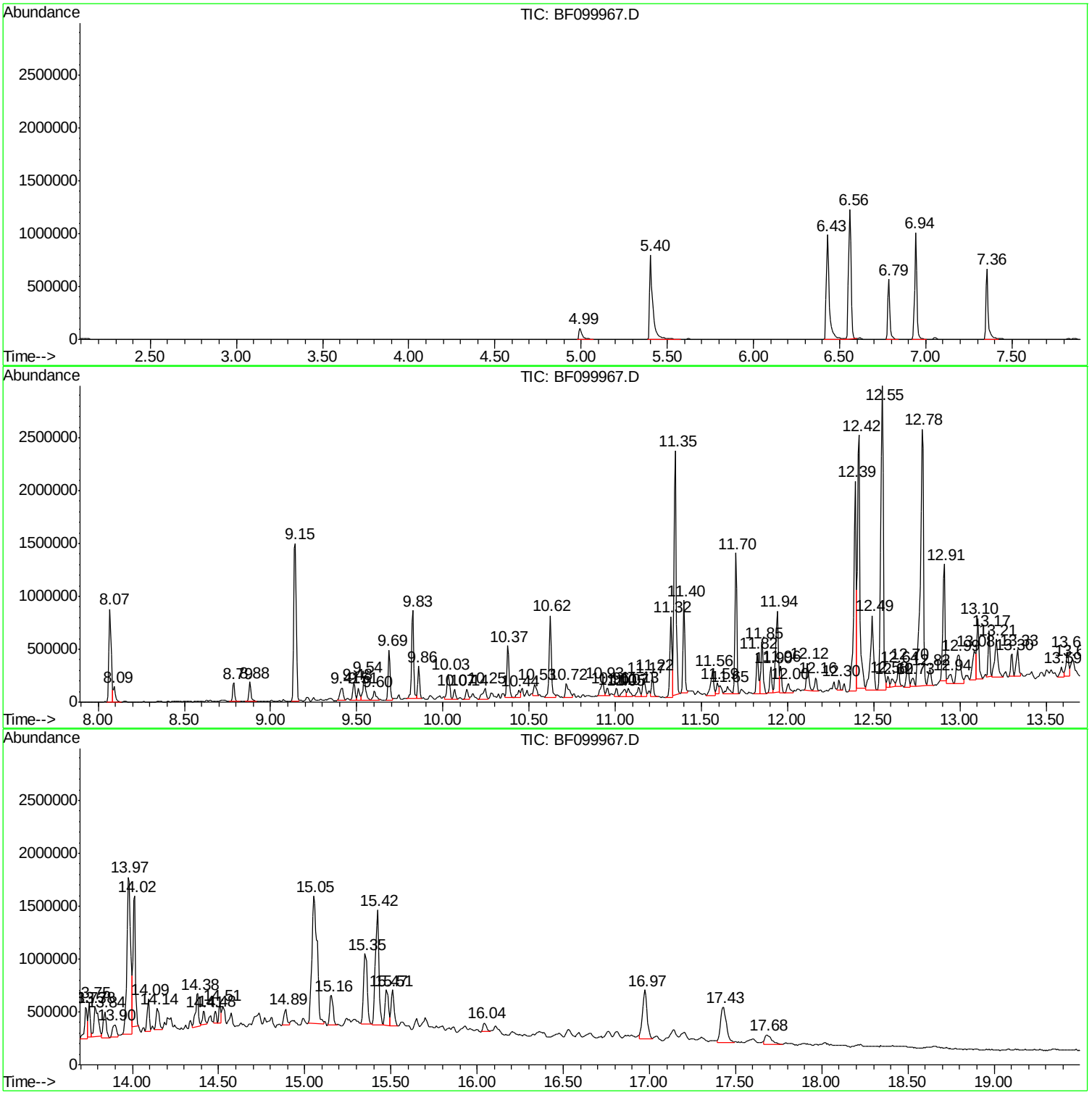
Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

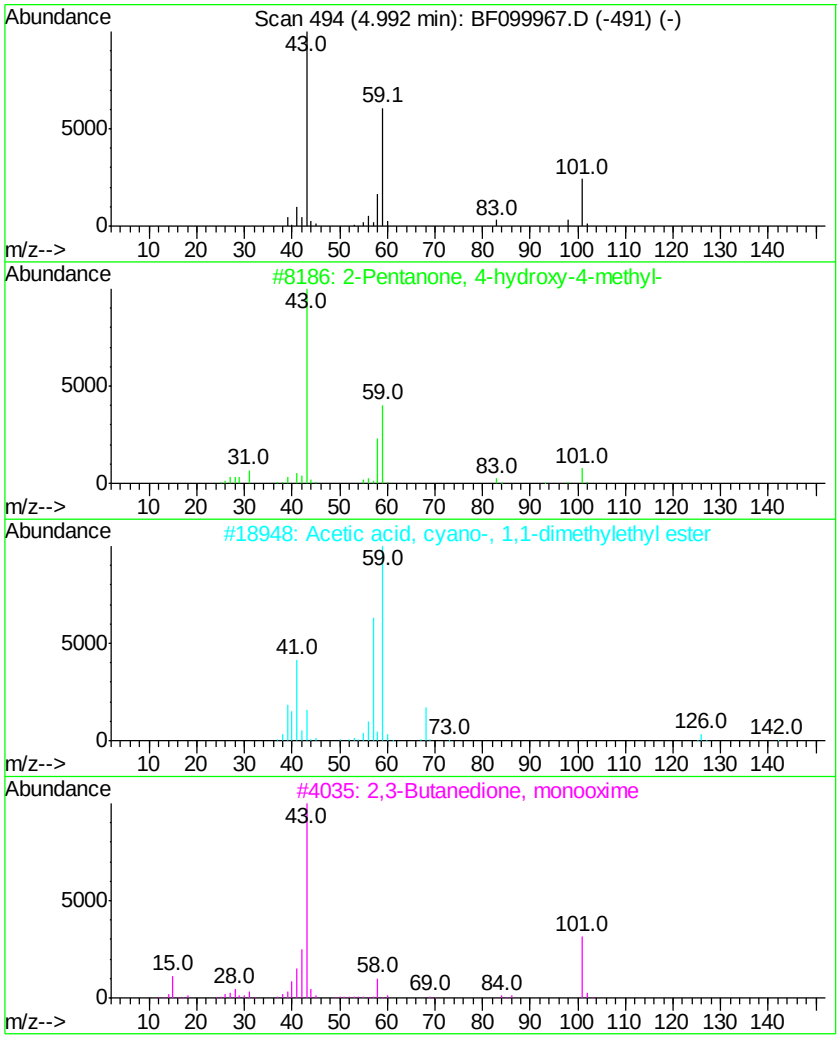
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

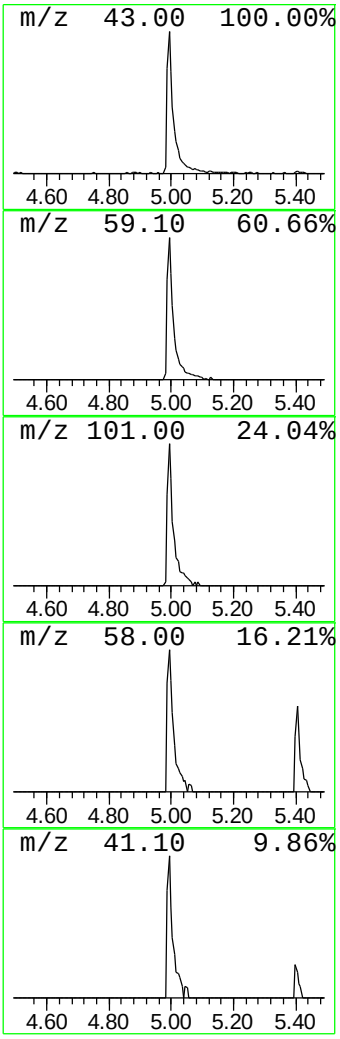
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	5.99 ng	152532	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

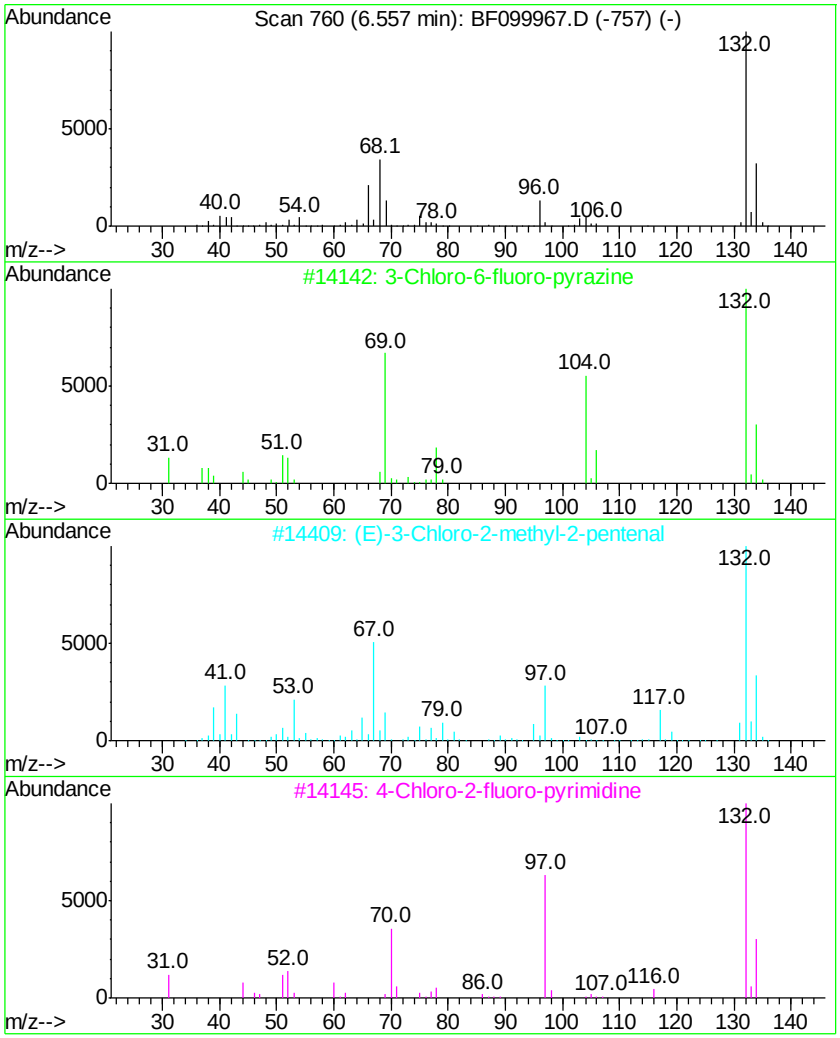
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

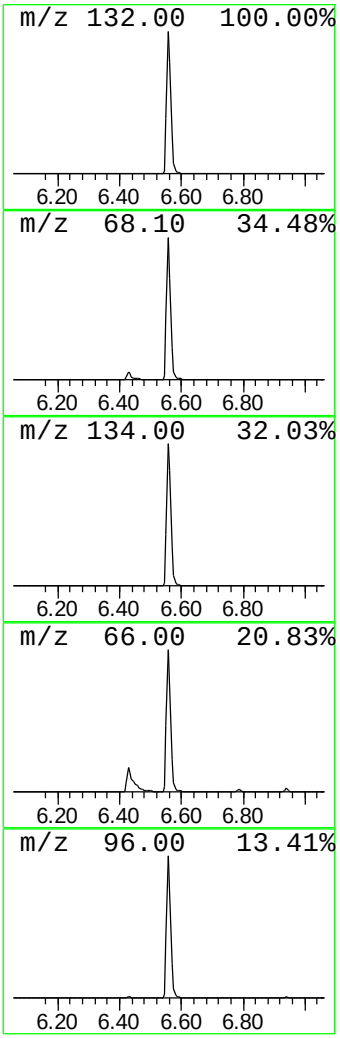
****

Peak Number 2 unknown6.56 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	42.97 ng	1095090	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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TIC Library : C:\DATABASE\NIST11.L
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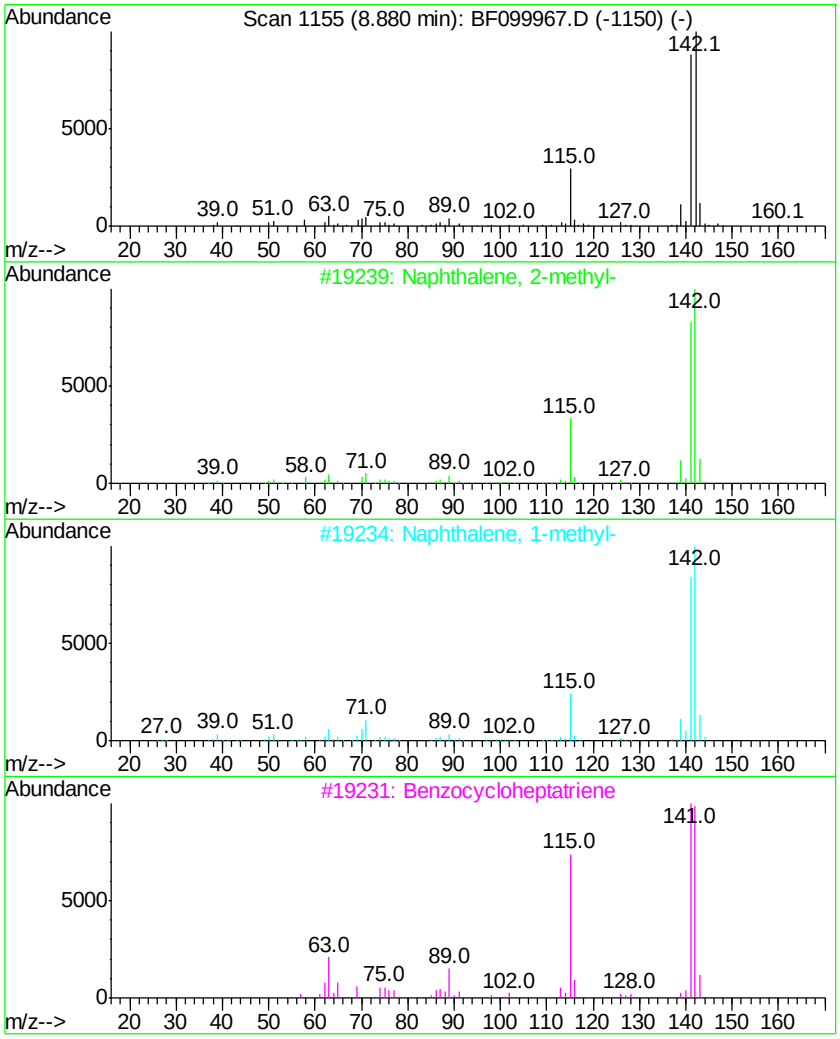
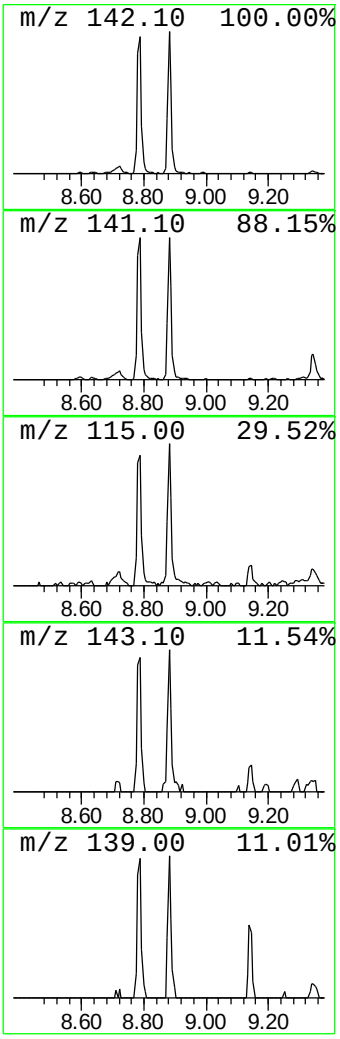
****

Peak Number 4 Naphthalene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	4.74 ng	162813	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59





Library Search Compound Report

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Acq On : 30 Oct 2017 18:37
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Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

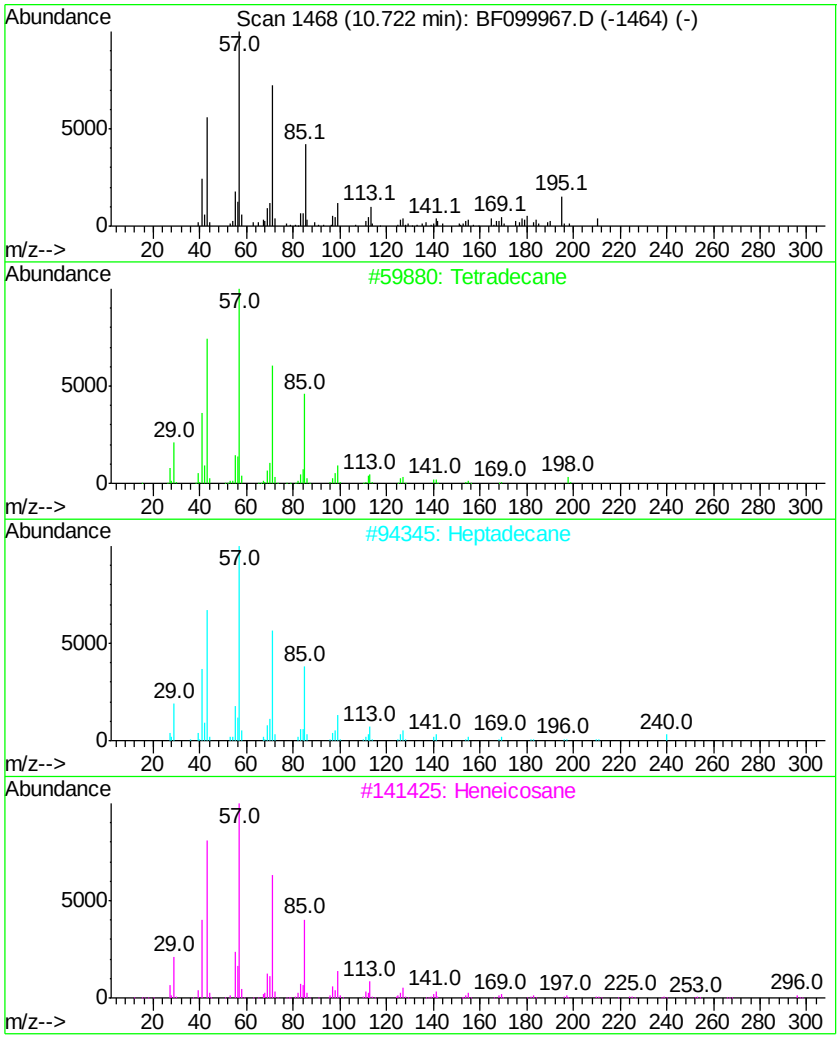
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

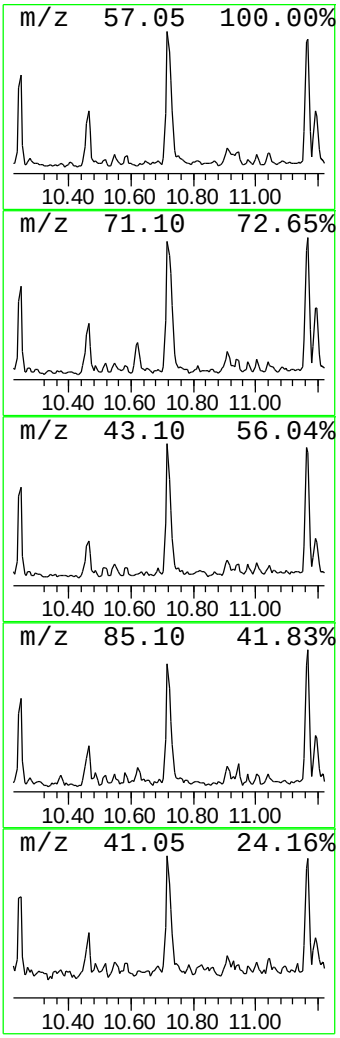
****

Peak Number 5 Tetradecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	5.14 ng	191123	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	83
2	Heptadecane	240	C17H36	000629-78-7	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Eicosane	282	C20H42	000112-95-8	80





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Data File : BF099967.D
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Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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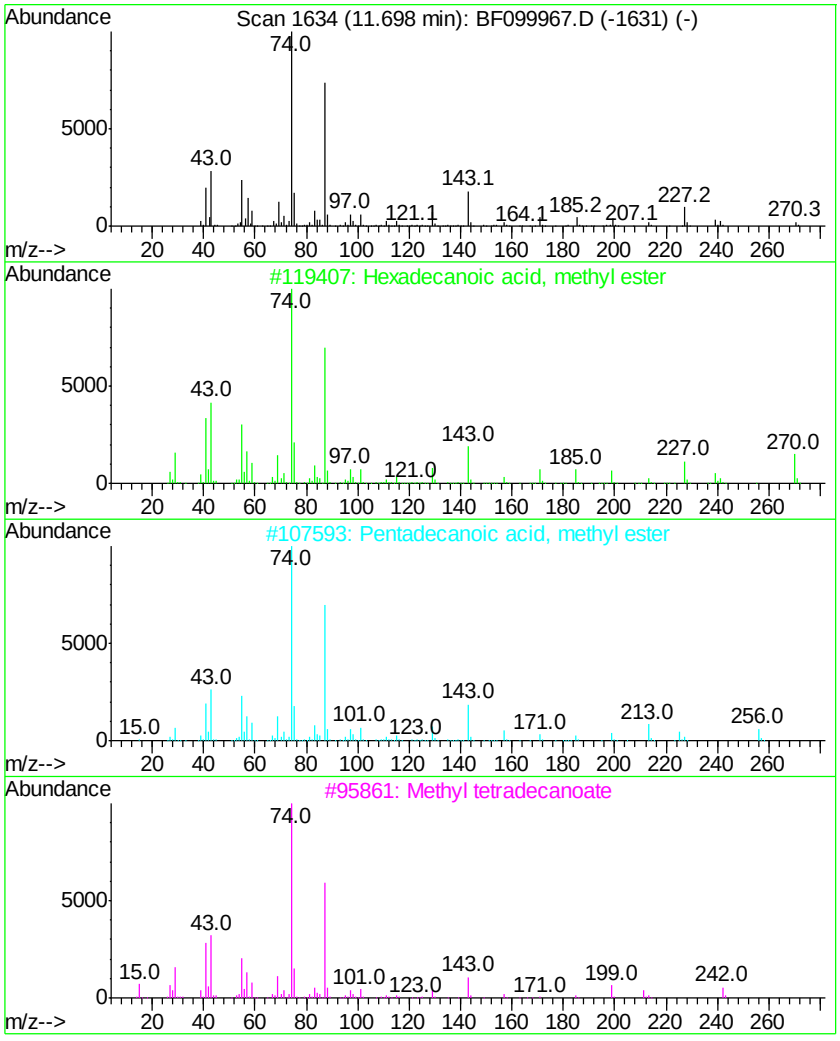
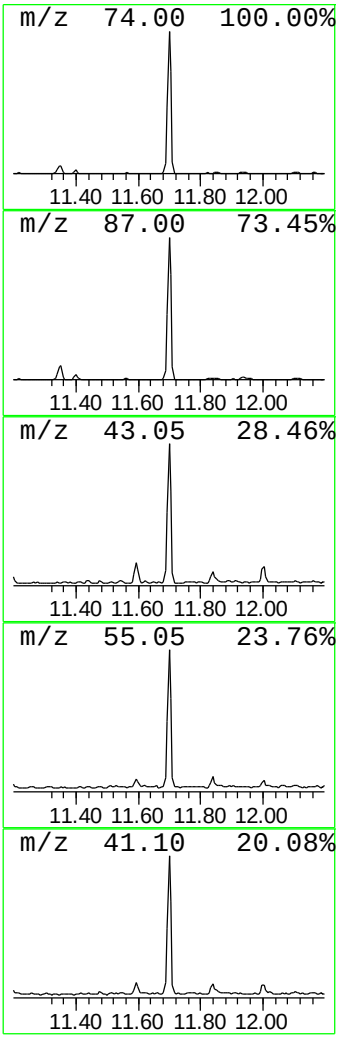
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	29.90 ng	1111630	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
2	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
4	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	78





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Acq On : 30 Oct 2017 18:37
Operator : SJ/JU
Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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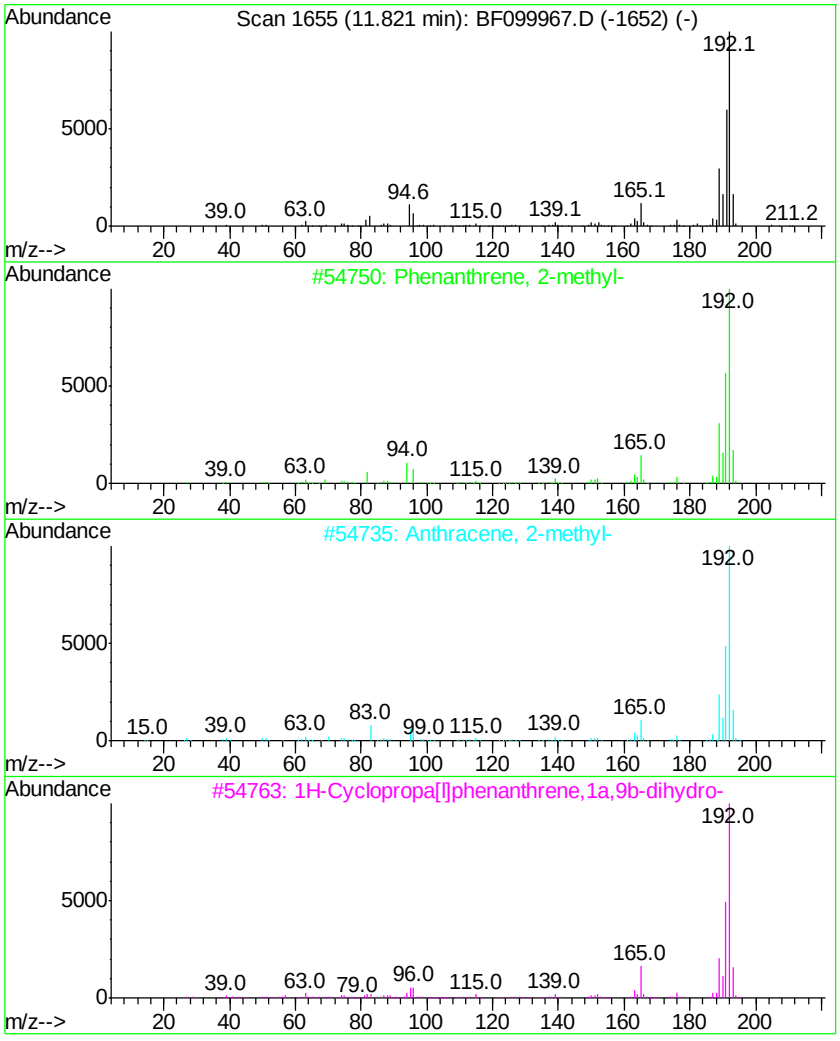
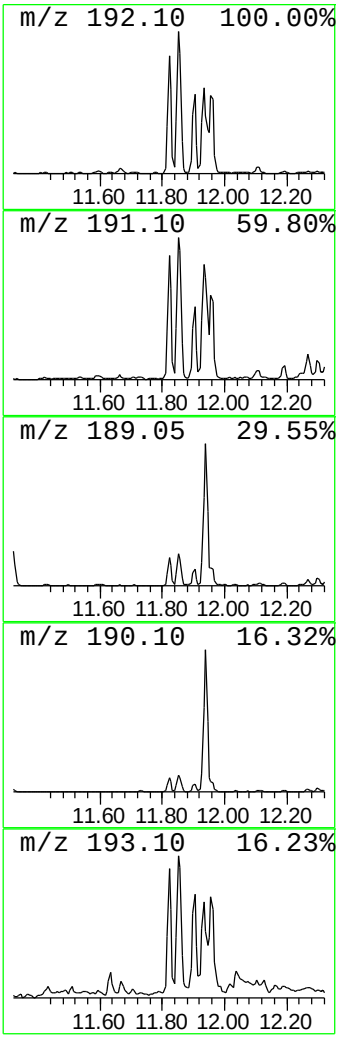
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	10.48 ng	389605	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
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	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

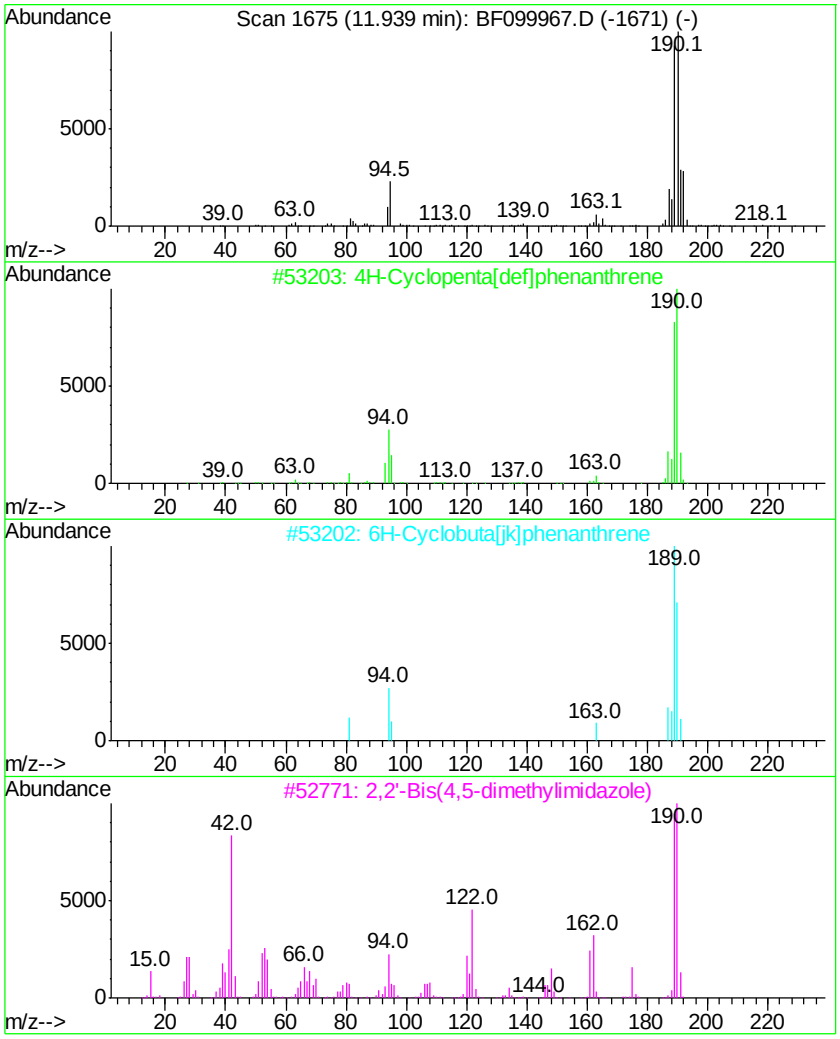
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

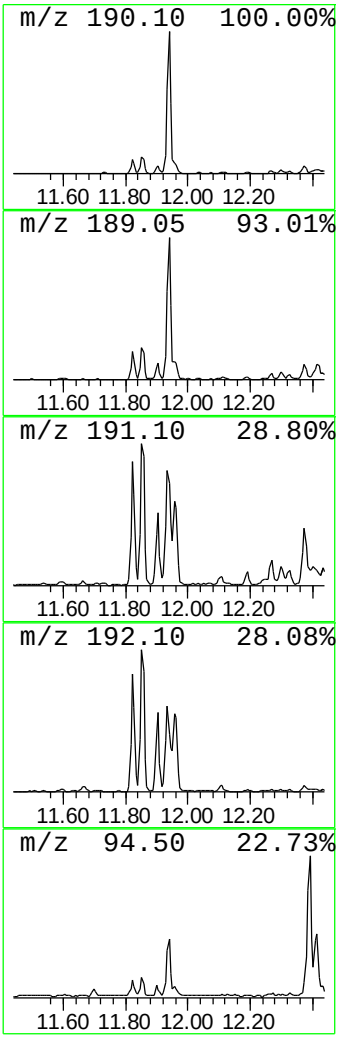
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	20.95 ng	778831	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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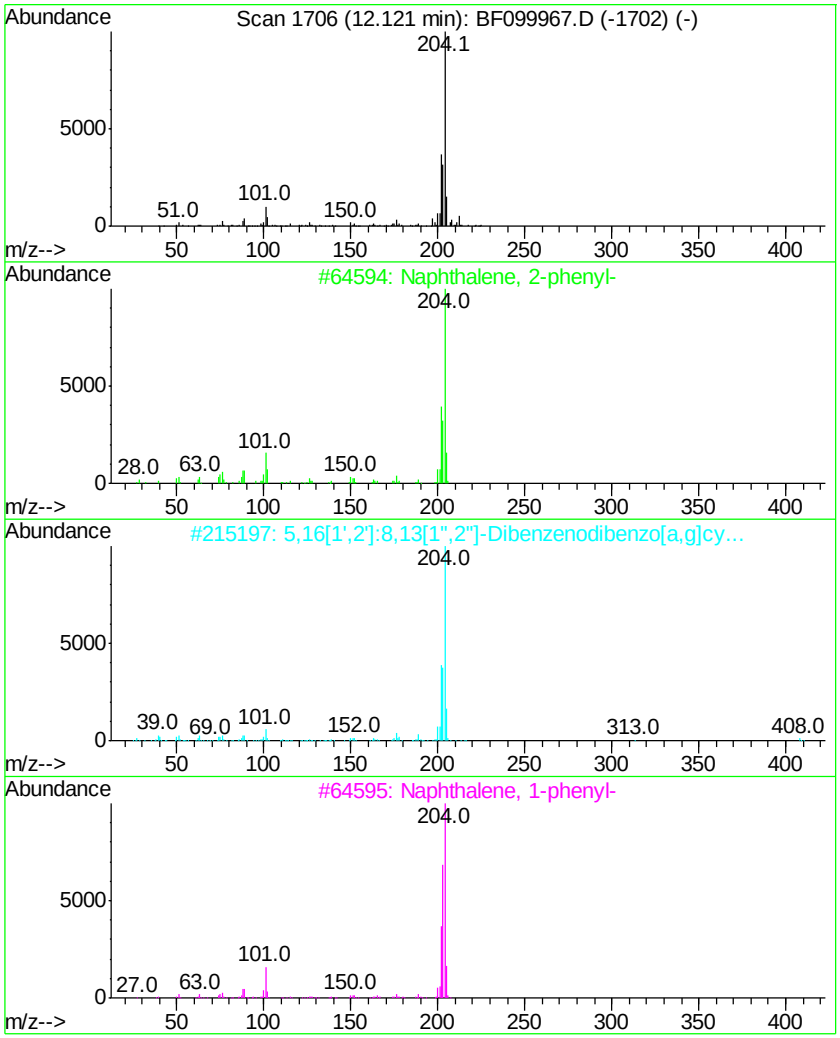
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

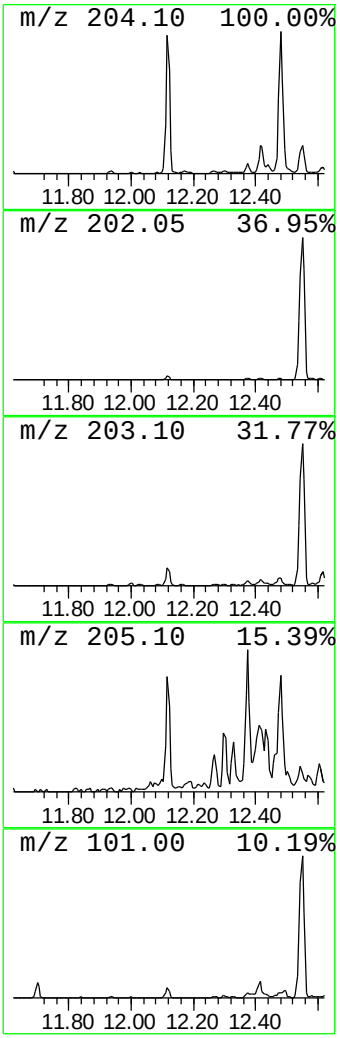
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	6.08 ng	226103	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	52





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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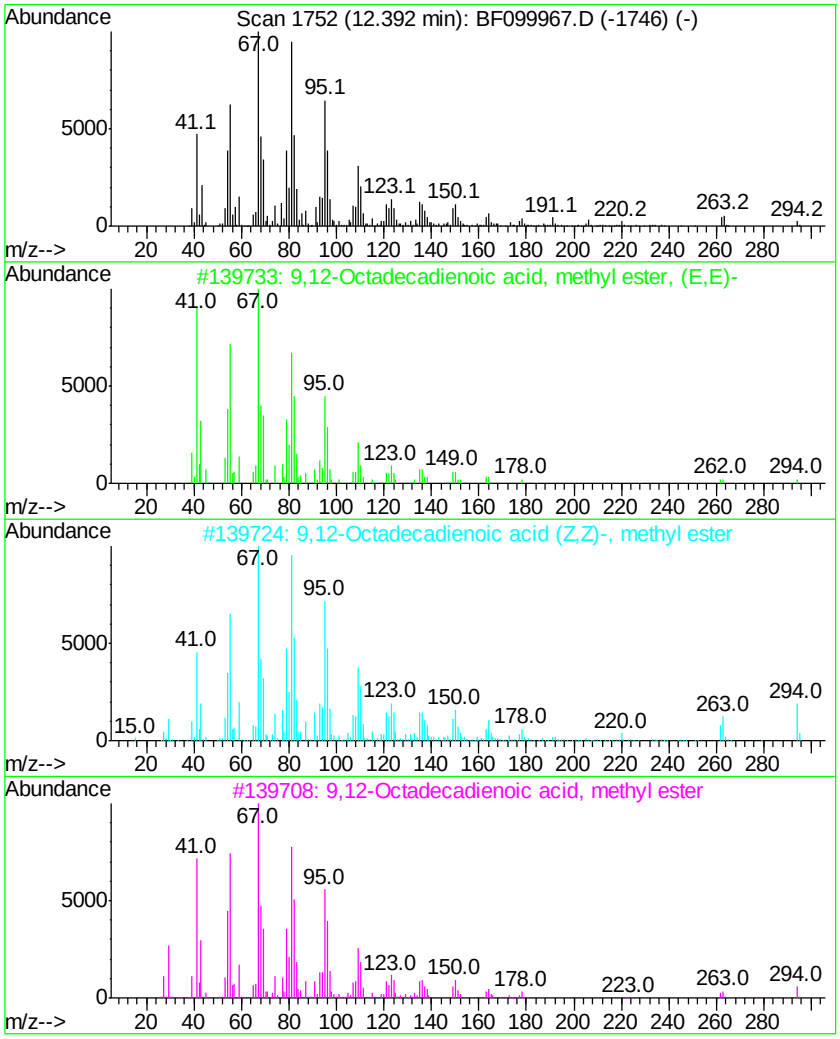
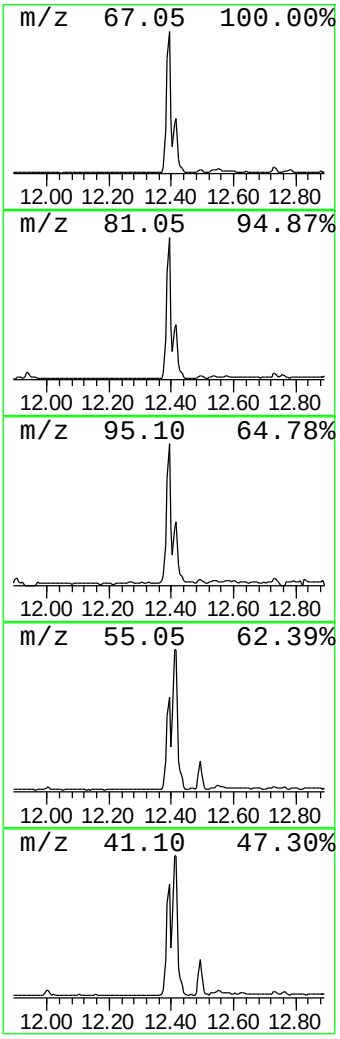
****

Peak Number 13 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	54.40 ng	2022360	Phenanthrene-d10	11.32

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





Library Search Compound Report

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Acq On : 30 Oct 2017 18:37
Operator : SJ/JU
Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

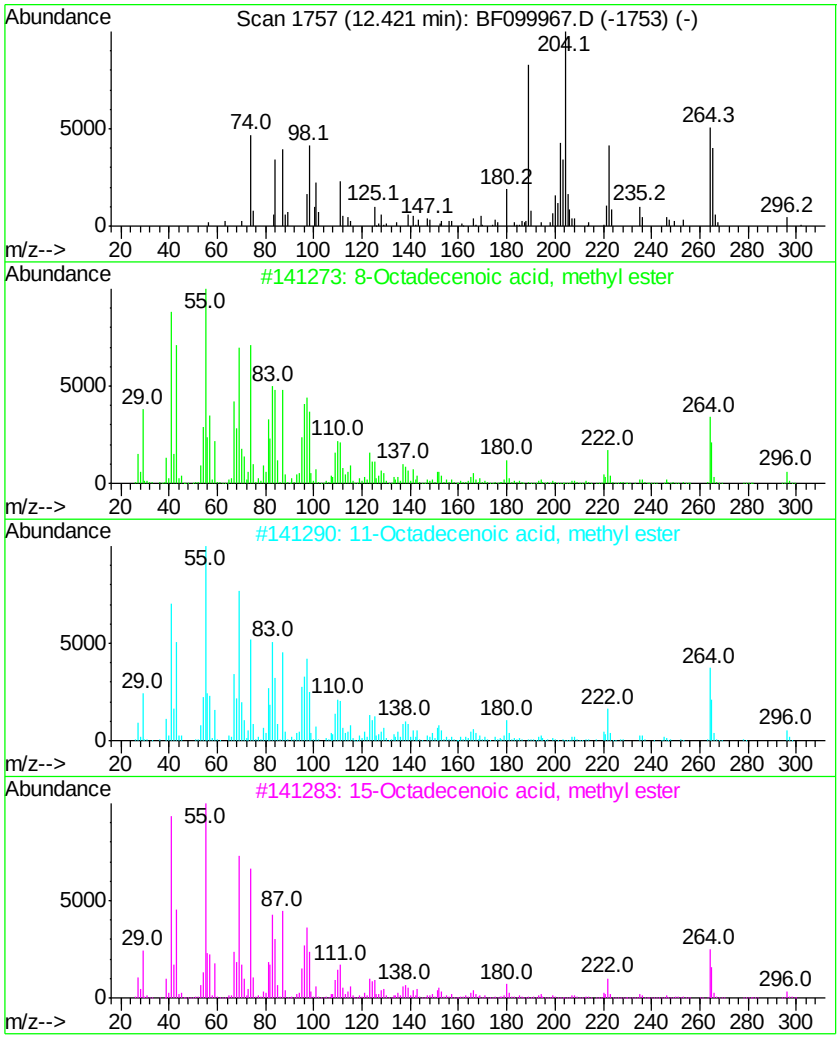
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

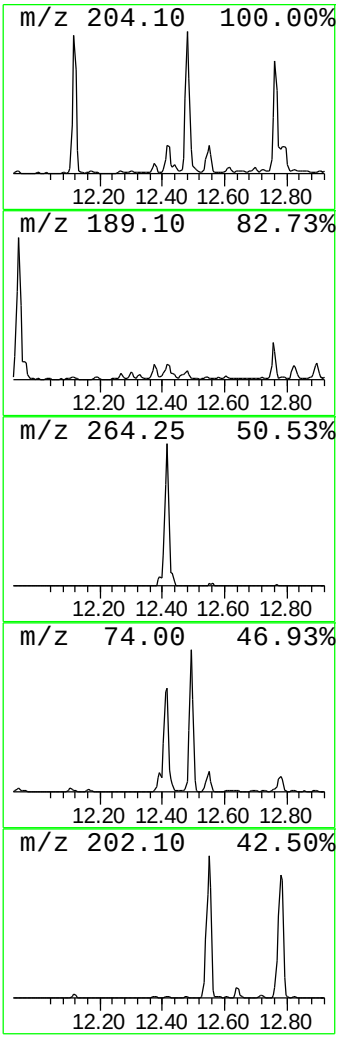
****

Peak Number 14 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	66.67 ng	2478510	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	97
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	96
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	95
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	95





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Sample : I6171-09 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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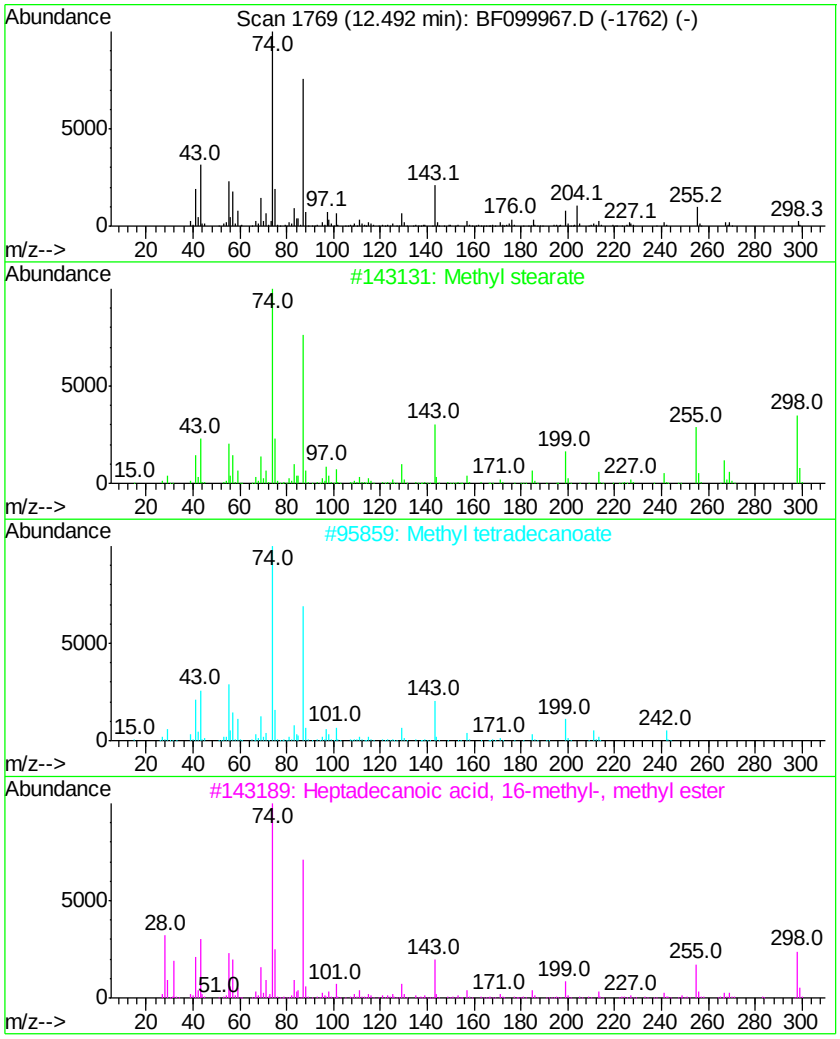
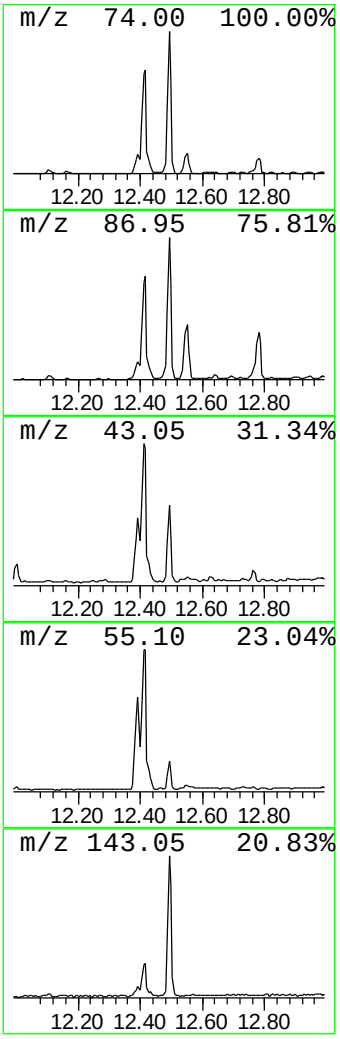
Peak Number 15 Methyl stearate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	23.94 ng	889962	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
3	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
4	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81





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Operator : SJ/JU
Sample : I6171-09 2X
Misc :
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Instrument : BNA_F
ClientSampleId : CL-01-102617-E

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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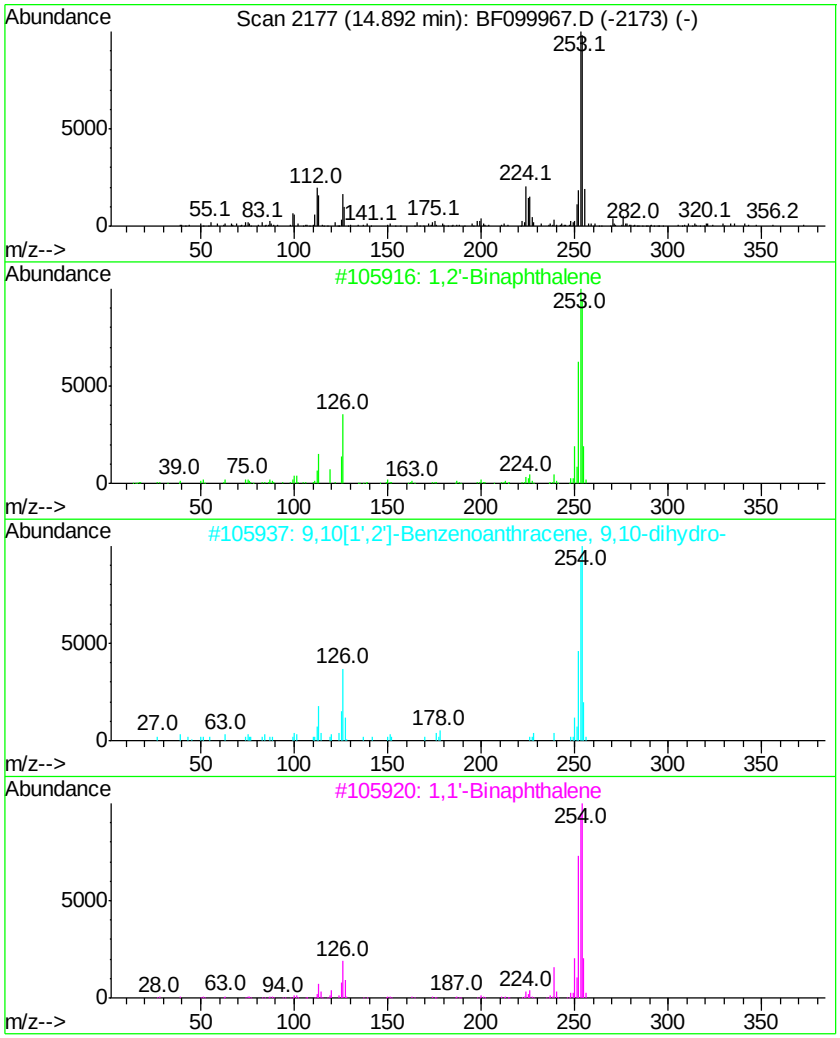
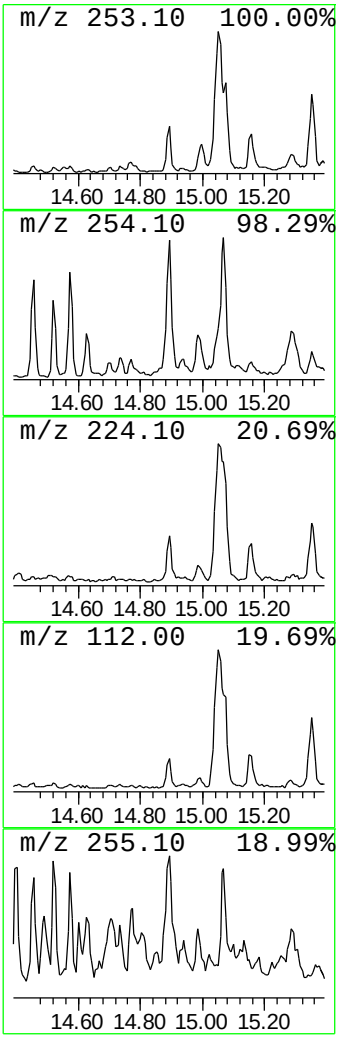
Peak Number 16 1,2'-Binaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	9.24 ng	183449	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2'-Binaphthalene	254	C20H14	004325-74-0	76
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	70
3	1,1'-Binaphthalene	254	C20H14	000604-53-5	70
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	68
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	49





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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
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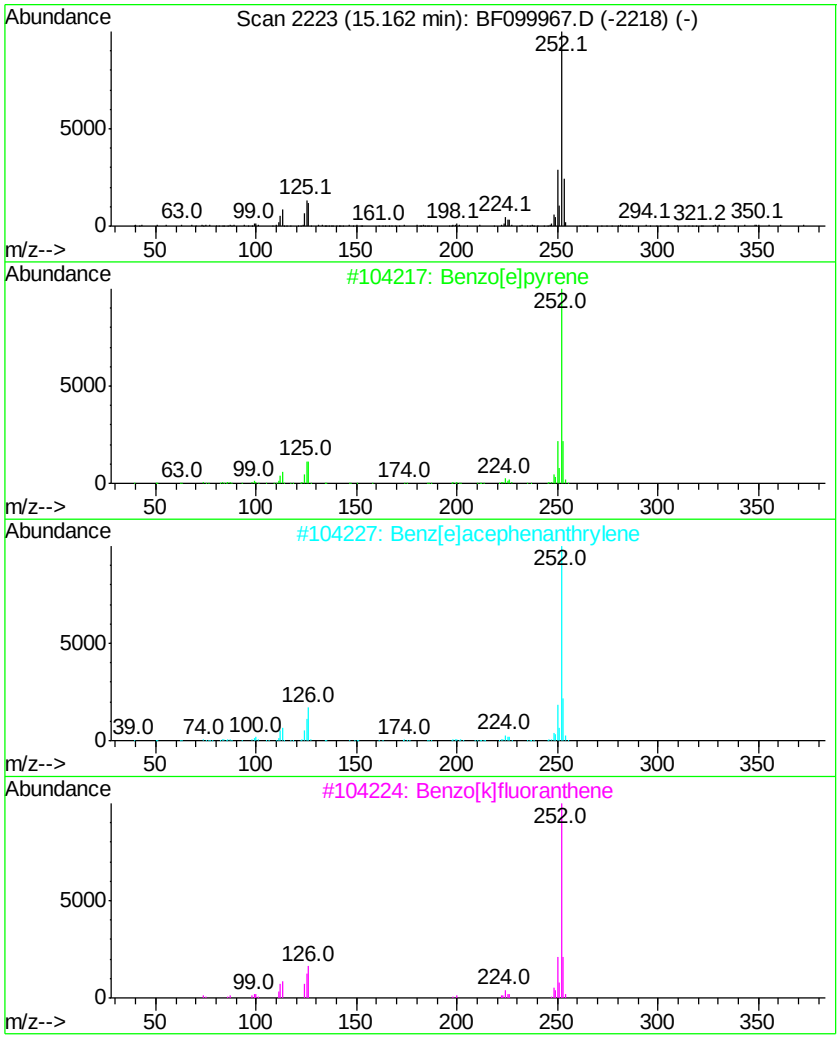
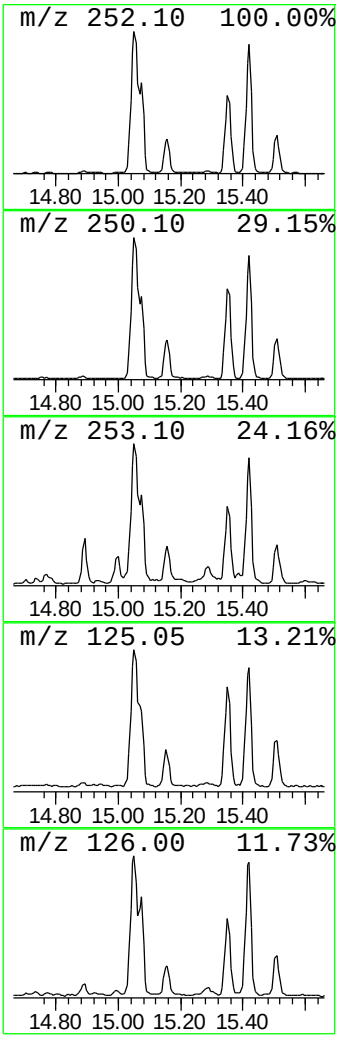
Peak Number 17 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	16.79 ng	333279	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	94





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
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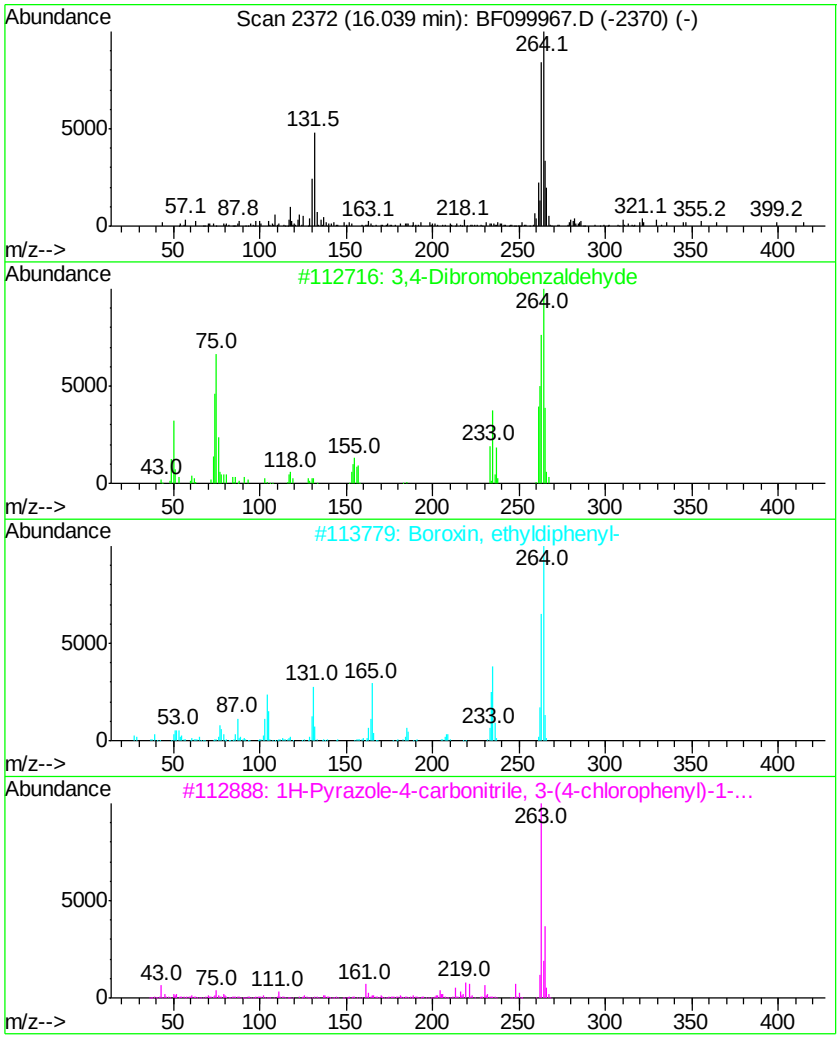
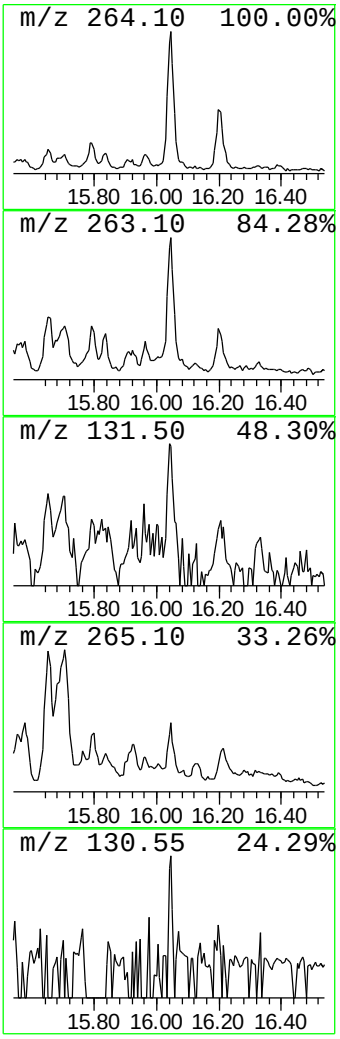
Peak Number 19 3,4-Dibromobenzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.06 ng	100412	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	40
3	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35
4	Phenyl t-butyl telluride	264	C10H14Te	083817-38-3	20
5	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	17





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Misc :
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Instrument : BNA_F
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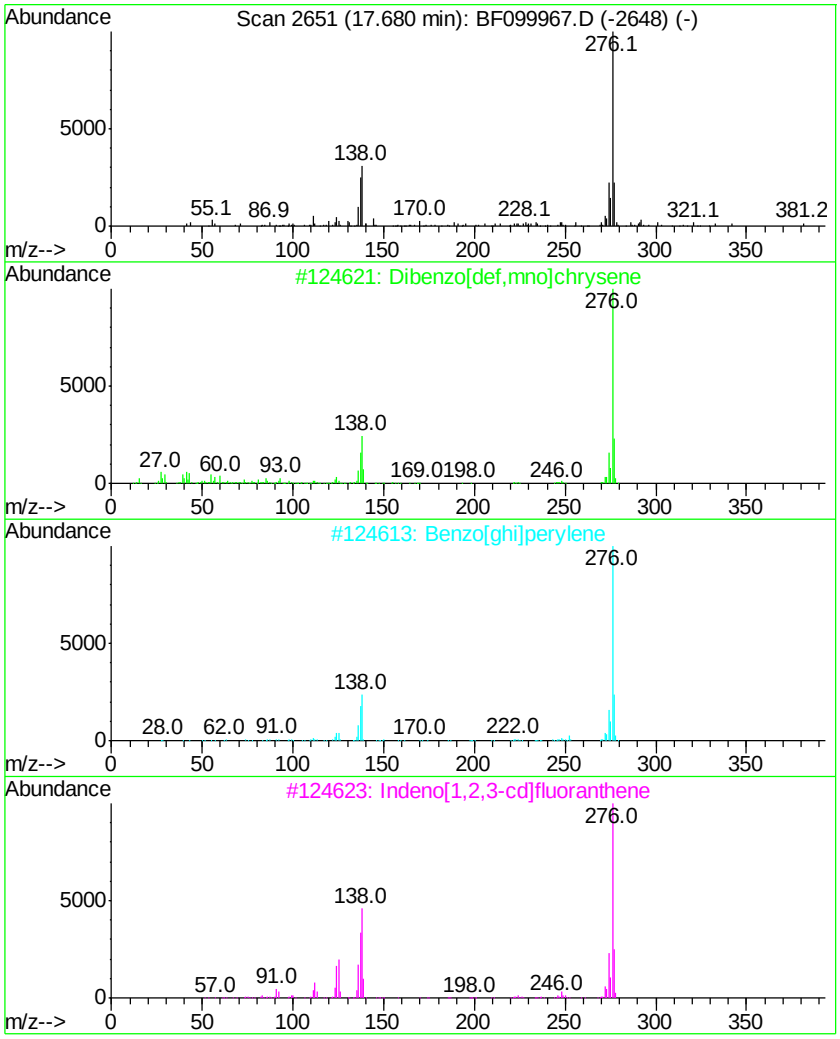
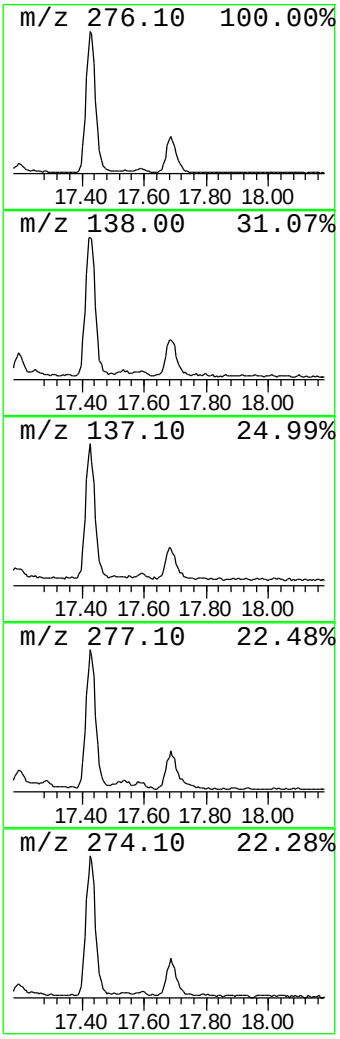
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	12.29 ng	244007	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	91
2	Benzo[ghi]perylene	276	C22H12	000191-24-2	90
3	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	90
4	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	76
5	1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47





Tentatively Identified Compound (LSC) summary

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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...	4.99	6.0	ng	152532	1	6.79	509671	20.0
unknown6.56	6.56	43.0	ng	1095090	1	6.79	509671	20.0
Naphthalene, 2-me...	8.88	4.7	ng	162813	2	8.07	687448	20.0
Tetradecane	10.72	5.1	ng	191123	4	11.32	743541	20.0
Hexadecanoic acid...	11.70	29.9	ng	1111630	4	11.32	743541	20.0
Phenanthrene, 2-m...	11.82	10.5	ng	389605	4	11.32	743541	20.0
4H-Cyclopenta[def...	11.94	20.9	ng	778831	4	11.32	743541	20.0
Naphthalene, 2-ph...	12.12	6.1	ng	226103	4	11.32	743541	20.0
9,12-Octadecadien...	12.39	54.4	ng	2022360	4	11.32	743541	20.0
8-Octadecenoic ac...	12.42	66.7	ng	2478510	4	11.32	743541	20.0
Methyl stearate	12.49	23.9	ng	889962	4	11.32	743541	20.0
1,2'-Binaphthalene	14.89	9.2	ng	183449	6	15.47	397035	20.0
Benzo[e]pyrene	15.16	16.8	ng	333279	6	15.47	397035	20.0
3,4-Dibromobenzal...	16.04	5.1	ng	100412	6	15.47	397035	20.0
Dibenzo[def,mno]c...	17.68	12.3	ng	244007	6	15.47	397035	20.0