LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099896.D
Acq On : 28 Oct 2017 1:04
Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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	5.010	494	497	516	rBV	182953	282195	13.47%	0.859%
2	5.416	563	566	591	rBV	1519277	1630214	77.79%	4.963%
3	6.440	736	740	758	rBV	1623151	1714333	81.80%	5.220%
4	6.569	758	762	768	rVV	1944285	1743062	83.17%	5.307%
5	6.793	797	800	808	rBV	568359	481641	22.98%	1.466%
6	6.951	823	827	841	rBV	1400237	1382055	65.95%	4.208%
7	7.363	893	897	909	rBV	1122555	1063654	50.75%	3.238%
8	7.598	933	937	941	rBV	291448	233803	11.16%	0.712%
9	7.798	966	971	973	rBV	252357	249237	11.89%	0.759%
10	7.816	973	974	978	rVB	191950	112625	5.37%	0.343%
11	7.922	986	992	995	rBV2	68499	67672	3.23%	0.206%
12	7.975	997	1001	1004	rBV	509298	406843	19.41%	1.239%
13	8.010	1005	1007	1010	rVB	51508	42842	2.04%	0.130%
14	8.075	1015	1018	1020	rBV	804990	707979	33.78%	2.156%
15	8.098	1020	1022	1030	rVB	1156276	924693	44.12%	2.815%
16	8.639	1111	1114	1120	rBV	61857	65683	3.13%	0.200%
17	8.692	1120	1123	1129	rVV	50976	50036	2.39%	0.152%
18	8.792	1137	1140	1148	rBV	497007	441701	21.08%	1.345%
19	8.892	1151	1157	1168	rVB	313105	314808	15.02%	0.958%
20	9.157	1197	1202	1205	rBV	2251347	2095682	100.00%	6.381%
21	9.222	1210	1213	1217	rBV3	43790	55169	2.63%	0.168%
22	9.257	1217	1219	1224	rVB	75305	63619	3.04%	0.194%
23	9.351	1233	1235	1240	rVB	42042	43923	2.10%	0.134%
24	9.422	1243	1247	1252	rVV2	72069	98427	4.70%	0.300%
25	9.492	1255	1259	1262	rBV	129145	140605	6.71%	0.428%
26	9.522	1262	1264	1267	rVV	83522	77576	3.70%	0.236%
27	9.551	1267	1269	1276	rVB	333593	267032	12.74%	0.813%
28	9.616	1276	1280	1287	rVB	52488	67583	3.22%	0.206%
29	9.834	1308	1317	1321	rBV	816265	820646	39.16%	2.499%
30	9.869	1321	1323	1331	rVB	342342	284501	13.58%	0.866%
31	9.934	1331	1334	1339	rBV2	24294	34843	1.66%	0.106%
32	10.045	1348	1353	1357	rBV	253802	221975	10.59%	0.676%
33	10.081	1357	1359	1363	rVB	33825	28157	1.34%	0.086%
34	10.151	1367	1371	1374	rBV	28865	28143	1.34%	0.086%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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

35	10.257	1382	1389	1392	rBV3	25264	50292	2.40%	0.153%
36	10.386	1407	1411	1417	rBV	273560	241620	11.53%	0.736%
37	10.475	1424	1426	1428	rVB	47051	34253	1.63%	0.104%
38	10.551	1436	1439	1443	rVB2	261098	240204	11.46%	0.731%
39	10.633	1449	1453	1459	rBV2	1212359	1153669	55.05%	3.512%
40	10.939	1498	1505	1508	rBV2	60872	74448	3.55%	0.227%
41	11.063	1521	1526	1528	rBV3	38591	48153	2.30%	0.147%
42	11.145	1536	1540	1543	rBV	126955	111224	5.31%	0.339%
43	11.180	1543	1546	1549	rVV2	52357	57961	2.77%	0.176%
44	11.228	1552	1554	1561	rVB	113886	95564	4.56%	0.291%
45	11.333	1568	1572	1574	rBV	863371	854466	40.77%	2.602%
46	11.357	1574	1576	1579	rVV	1931668	1501859	71.66%	4.573%
47	11.410	1579	1585	1590	rVB	525582	488836	23.33%	1.488%
48	11.569	1608	1612	1617	rBV2	178430	199529	9.52%	0.607%
49	11.739	1639	1641	1647	rVB3	23408	29329	1.40%	0.089%
50	11.833	1654	1657	1659	rBV	230044	199054	9.50%	0.606%
51	11.863	1659	1662	1667	rVV	296466	297228	14.18%	0.905%
52	11.910	1667	1670	1673	rVV	106558	89417	4.27%	0.272%
53	11.945	1673	1676	1679	rVV	226096	271848	12.97%	0.828%
54	11.969	1679	1680	1685	rVB	131739	87748	4.19%	0.267%
55	12.127	1704	1707	1711	rVB	150207	127331	6.08%	0.388%
56	12.175	1711	1715	1718	rBV	119432	113544	5.42%	0.346%
57	12.280	1730	1733	1735	rBV	38808	41207	1.97%	0.125%
58	12.310	1735	1738	1740	rVV	48819	39494	1.88%	0.120%
59	12.386	1747	1751	1753	rBV	84941	89353	4.26%	0.272%
60	12.427	1753	1758	1759	rVV4	34170	54040	2.58%	0.165%
61	12.486	1766	1768	1774	rVB	70033	75243	3.59%	0.229%
62	12.551	1775	1779	1783	rBV	1503176	1303486	62.20%	3.969%
63	12.704	1801	1805	1807	rBV	80592	78046	3.72%	0.238%
64	12.763	1812	1815	1816	rVV	283164	264385	12.62%	0.805%
65	12.780	1816	1818	1822	rVV	1155304	1026251	48.97%	3.125%
66	12.833	1824	1827	1830	rVB	67333	71583	3.42%	0.218%
67	12.916	1836	1841	1845	rBV	1829022	1719837	82.07%	5.236%
68	12.957	1845	1848	1851	rVB	44303	50643	2.42%	0.154%
69	13.004	1851	1856	1861	rBV2	75898	136187	6.50%	0.415%
70	13.086	1866	1870	1872	rBV3	50514	70787	3.38%	0.216%
71	13.110	1872	1874	1879	rVB2	119593	122180	5.83%	0.372%

LSC Area Percent Report

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Sample : I6029-09
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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

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

72	13.174	1883	1885	1888	rBV	58504	49795	2.38%	0.152%
73	13.216	1888	1892	1899	rVB3	105222	149430	7.13%	0.455%
74	13.310	1905	1908	1910	rBV	55804	48621	2.32%	0.148%
75	13.339	1910	1913	1916	rBV2	52552	55684	2.66%	0.170%
76	13.633	1959	1963	1969	rVB	93382	100373	4.79%	0.306%
77	13.739	1975	1981	1982	rBV2	90400	99624	4.75%	0.303%
78	13.757	1982	1984	1986	rVV	87949	73650	3.51%	0.224%
79	13.798	1986	1991	1996	rVV4	131943	202070	9.64%	0.615%
80	13.845	1996	1999	2004	rVB	100153	98490	4.70%	0.300%
81	13.904	2004	2009	2013	rBV	32105	53938	2.57%	0.164%
82	13.980	2016	2022	2025	rBV2	667570	1009499	48.17%	3.074%
83	14.010	2025	2027	2031	rVB	394233	360257	17.19%	1.097%
84	14.092	2039	2041	2044	rBV	57433	47423	2.26%	0.144%
85	14.151	2049	2051	2056	rVV5	24194	28328	1.35%	0.086%
86	14.227	2062	2064	2067	rVB2	38337	32127	1.53%	0.098%
87	14.374	2084	2089	2093	rBV	90969	104126	4.97%	0.317%
88	14.710	2142	2146	2152	rBV6	38980	80757	3.85%	0.246%
89	15.033	2197	2201	2203	rVV	312069	421255	20.10%	1.283%
90	15.057	2203	2205	2212	rVV2	197949	230072	10.98%	0.700%
91	15.139	2216	2219	2226	rBV	59910	73552	3.51%	0.224%
92	15.333	2248	2252	2259	rVB	182430	218098	10.41%	0.664%
93	15.398	2259	2263	2270	rVV	268628	355557	16.97%	1.083%
94	15.457	2270	2273	2277	rVV	365350	472036	22.52%	1.437%
95	15.492	2277	2279	2285	rVB3	71358	98525	4.70%	0.300%
96	16.339	2420	2423	2435	rVB8	29499	76948	3.67%	0.234%
97	16.515	2449	2453	2460	rBV8	21547	44058	2.10%	0.134%
98	16.951	2520	2527	2535	rVB2	116701	254703	12.15%	0.775%
99	17.127	2552	2557	2561	rBV2	23433	39442	1.88%	0.120%
100	17.404	2598	2604	2616	rVB	90554	213015	10.16%	0.649%

Sum of corrected areas: 32844709

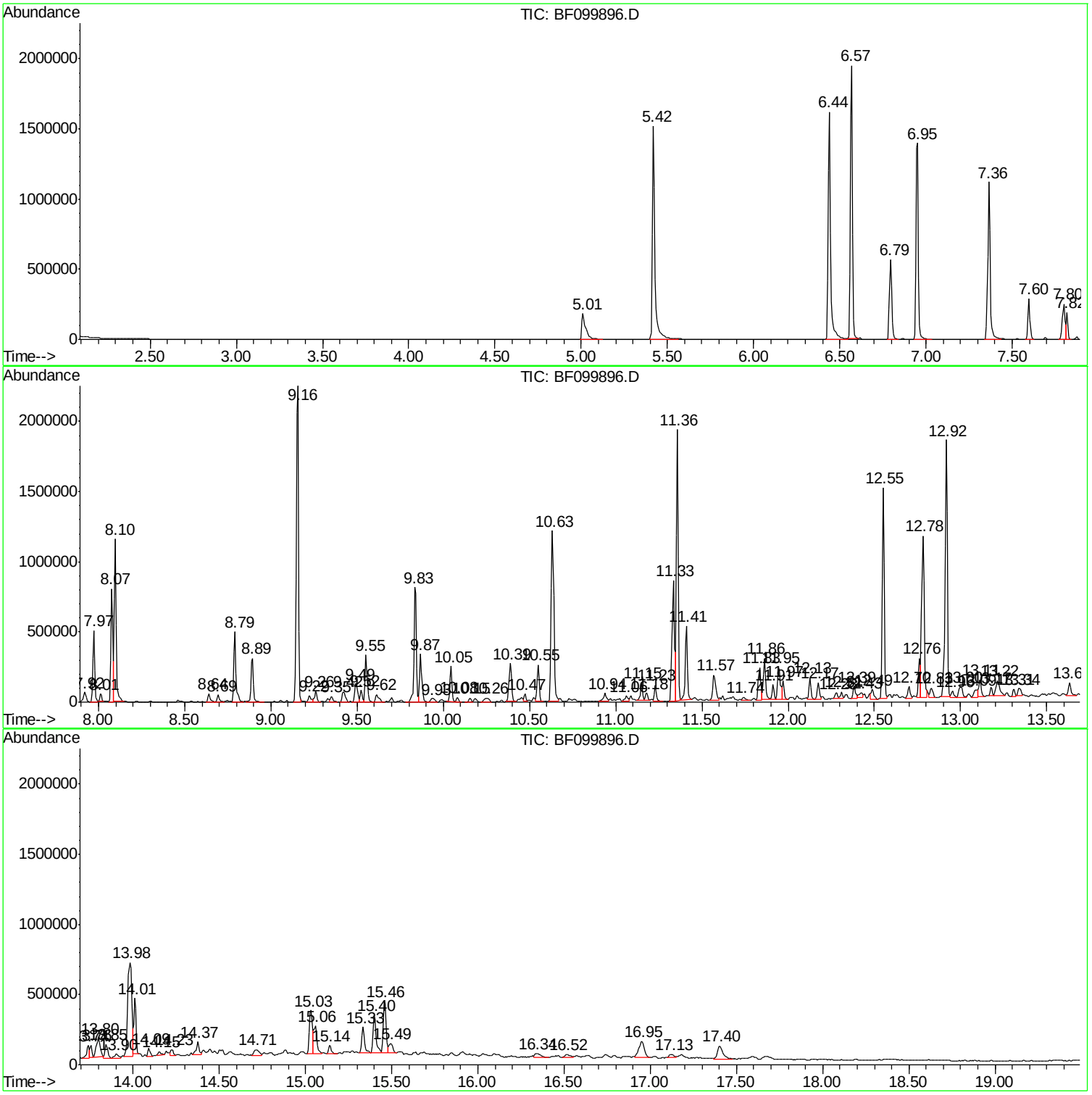
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
Data File : BF099896.D
Acq On : 28 Oct 2017 1:04
Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

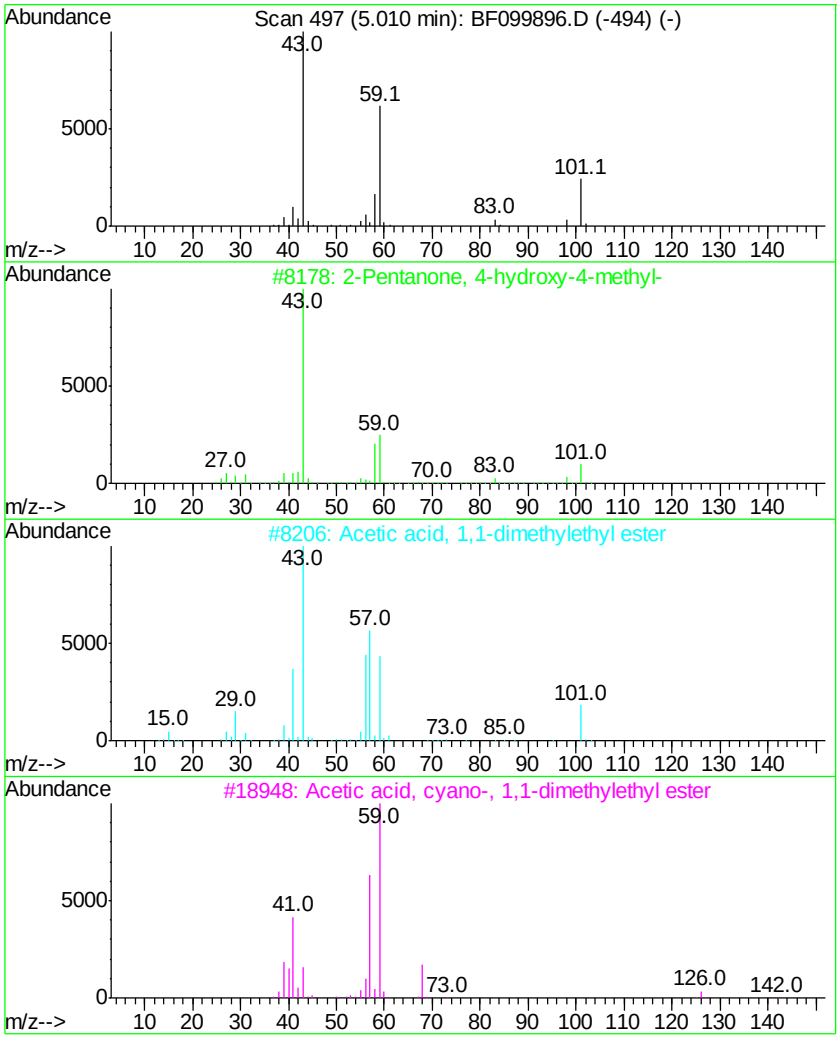
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

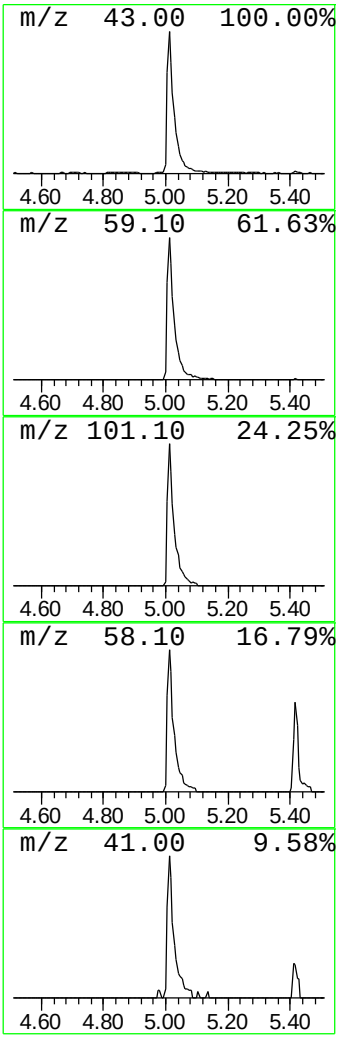
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	11.72 ng	282195	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	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	5-Hexen-2-one	98	C6H10O	000109-49-9	10
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





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Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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

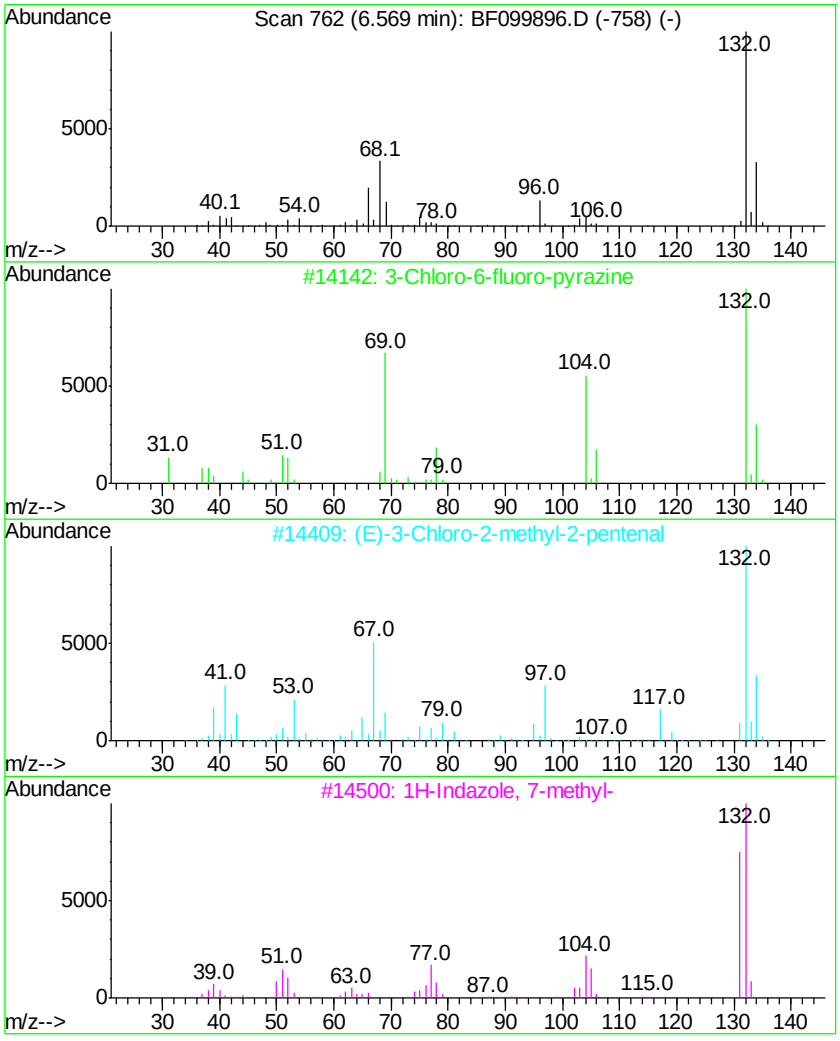
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

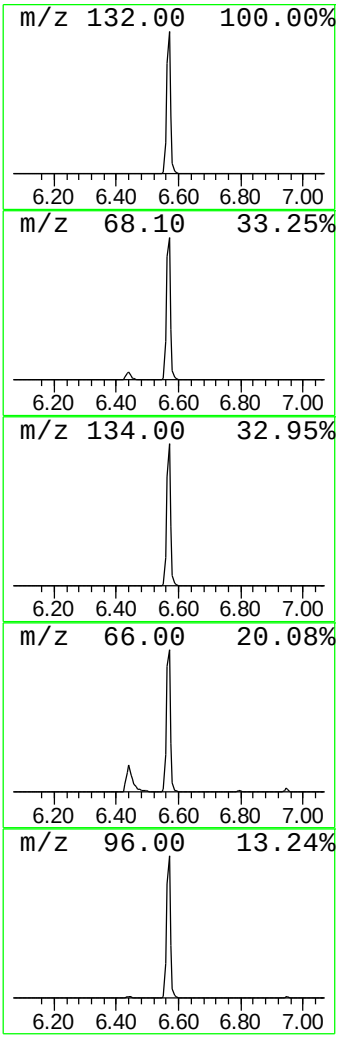
****

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	72.38 ng	1743060	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	25
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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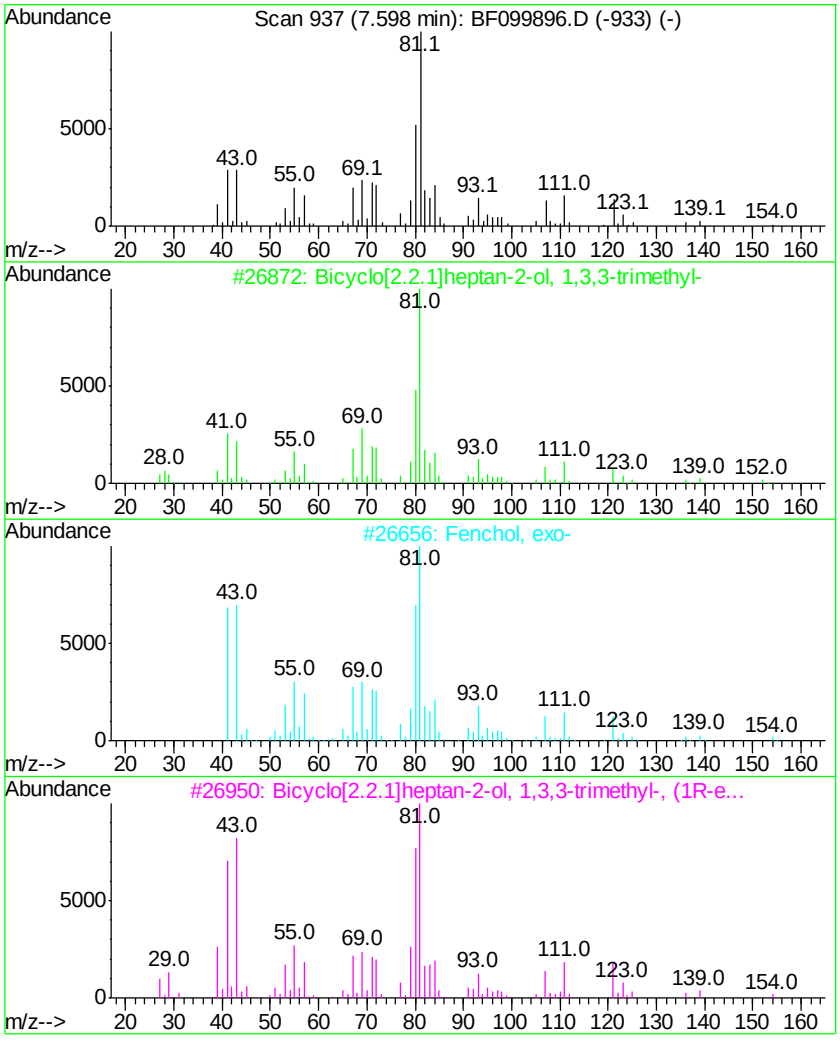
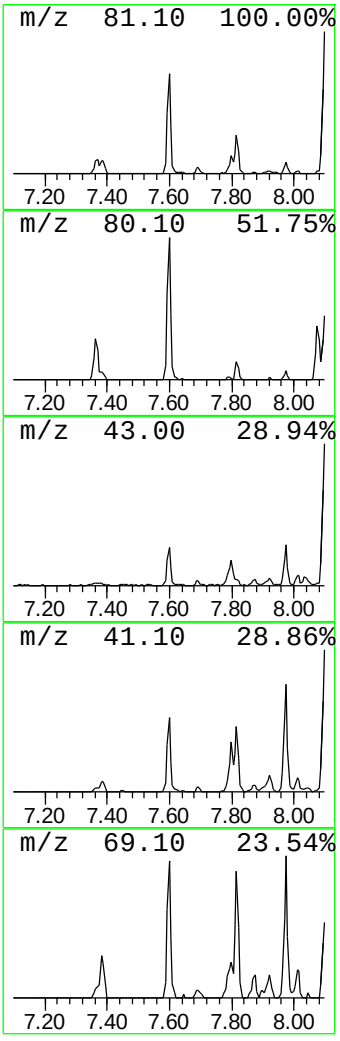
****

Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	6.60 ng	233803	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	001632-73-1	96
2	Fenchol, exo-	154	C10H18O	022627-95-8	91
3	Bicyclo[2.2.1]heptan-2-ol, 1,3,3...	154	C10H18O	002217-02-9	72
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	25
5	2,3-Diazabicyclo[2.2.1]hept-2-en...	178	C11H18N2	150667-99-5	25





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

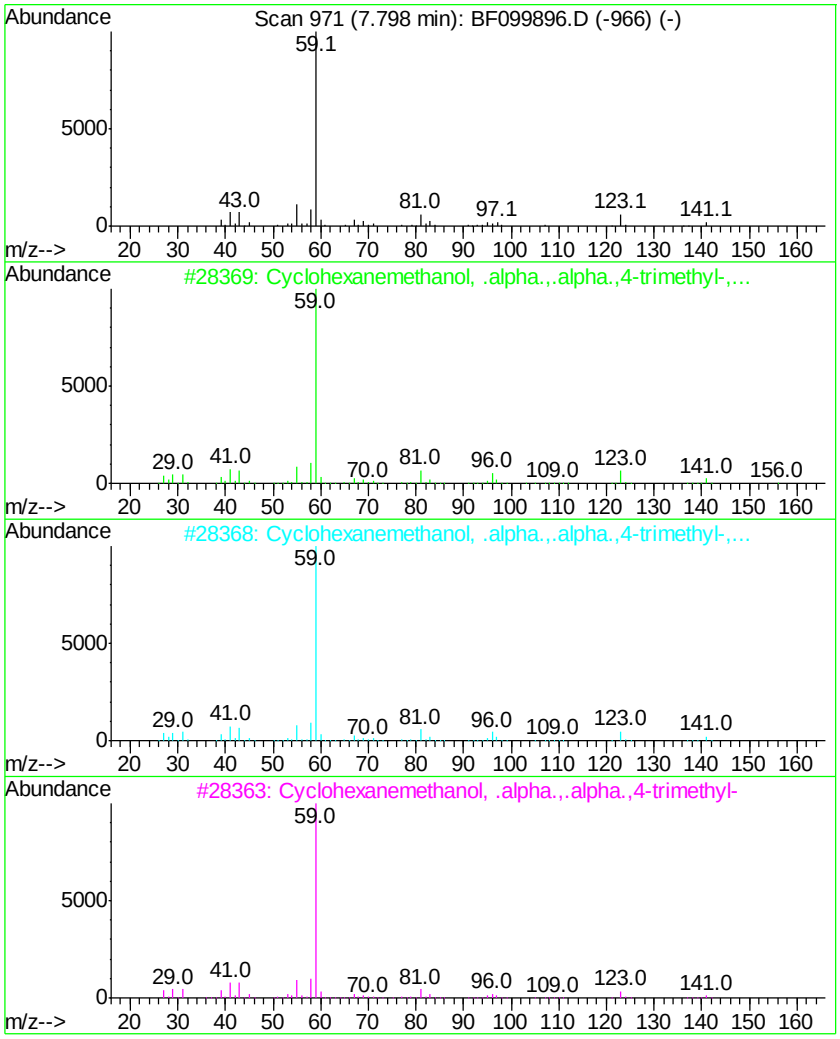
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

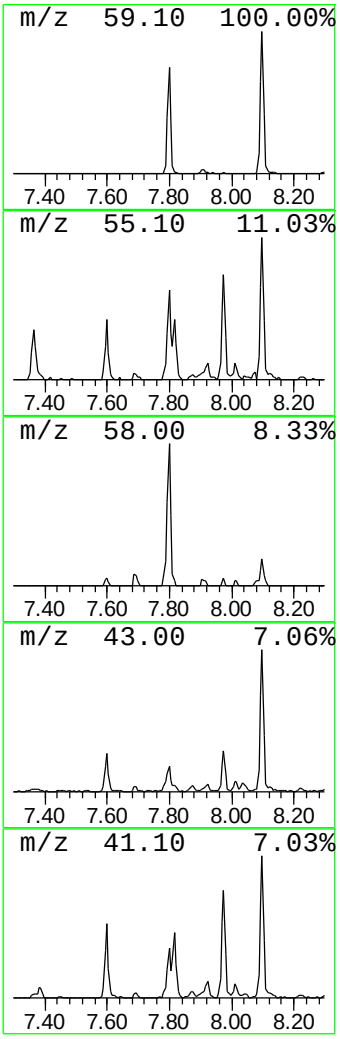
****

Peak Number 5 Cyclohexanemethanol, .alpha... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	7.04 ng	249237	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	83
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	83
3	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	78
4	o-Menthan-8-ol	156	C10H20O	343855-44-7	72
5	1-Cyclohexyl-2-methyl-2-propanol	156	C10H20O	005531-30-6	40





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Data File : BF099896.D
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Operator : SJ/JU
Sample : I6029-09
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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

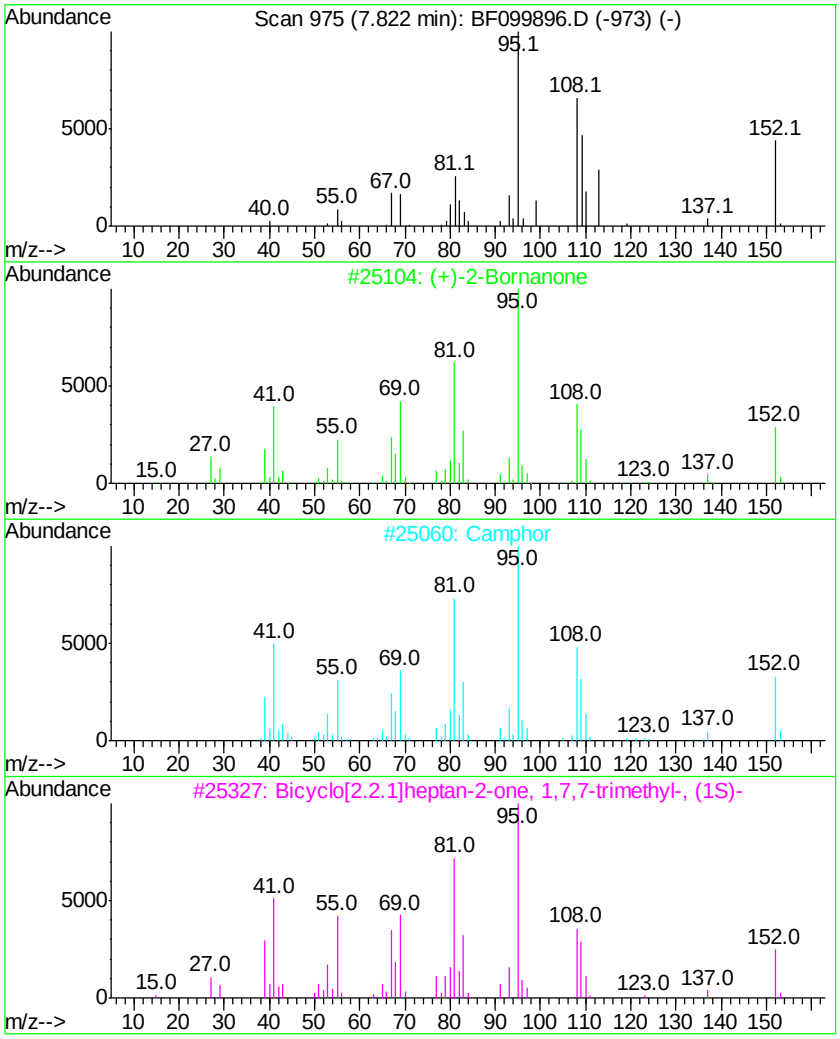
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

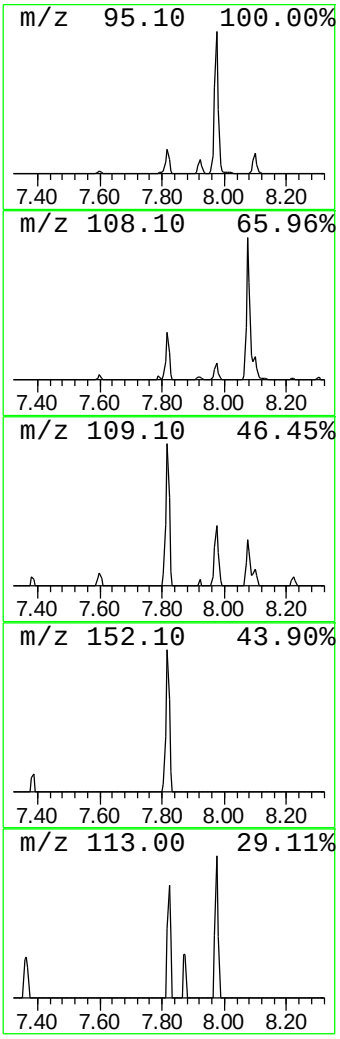
****

Peak Number 6 (+)-2-Bornanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.18 ng	112625	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+)-2-Bornanone	152	C10H16O	000464-49-3	94
2	Camphor	152	C10H16O	000076-22-2	94
3	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90
4	Isoborneol	154	C10H18O	000124-76-5	38
5	Ketone, 1,5-dimethylbicyclo[2.1....	138	C9H14O	024081-57-0	35





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Data File : BF099896.D
Acq On : 28 Oct 2017 1:04
Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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

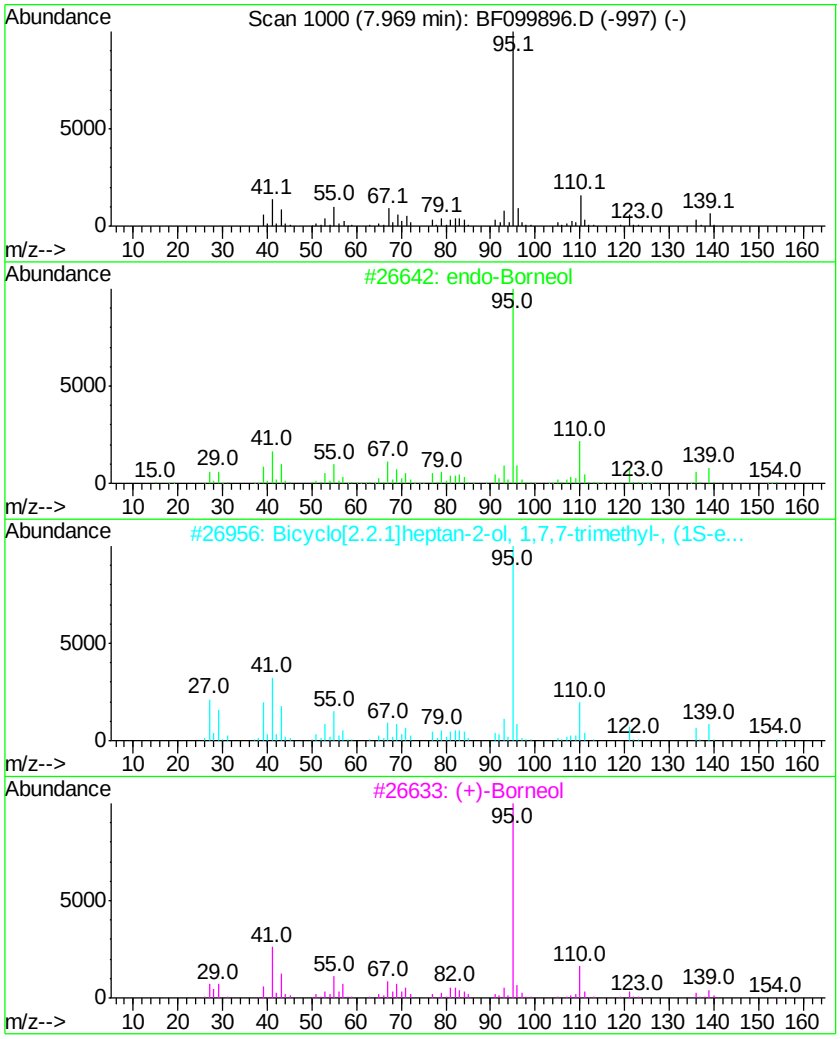
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

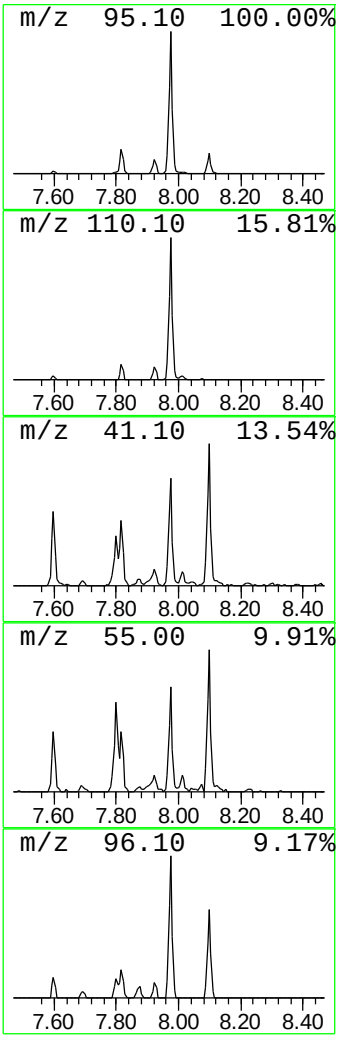
****

Peak Number 7 endo-Borneol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	11.49 ng	406843	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	91
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	91
3	(+)-Borneol	154	C10H18O	1000150-76-3	83
4	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	64
5	2-Amino-4-methylbut-2-enenitrile	110	C6H10N2	1000197-39-9	64





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Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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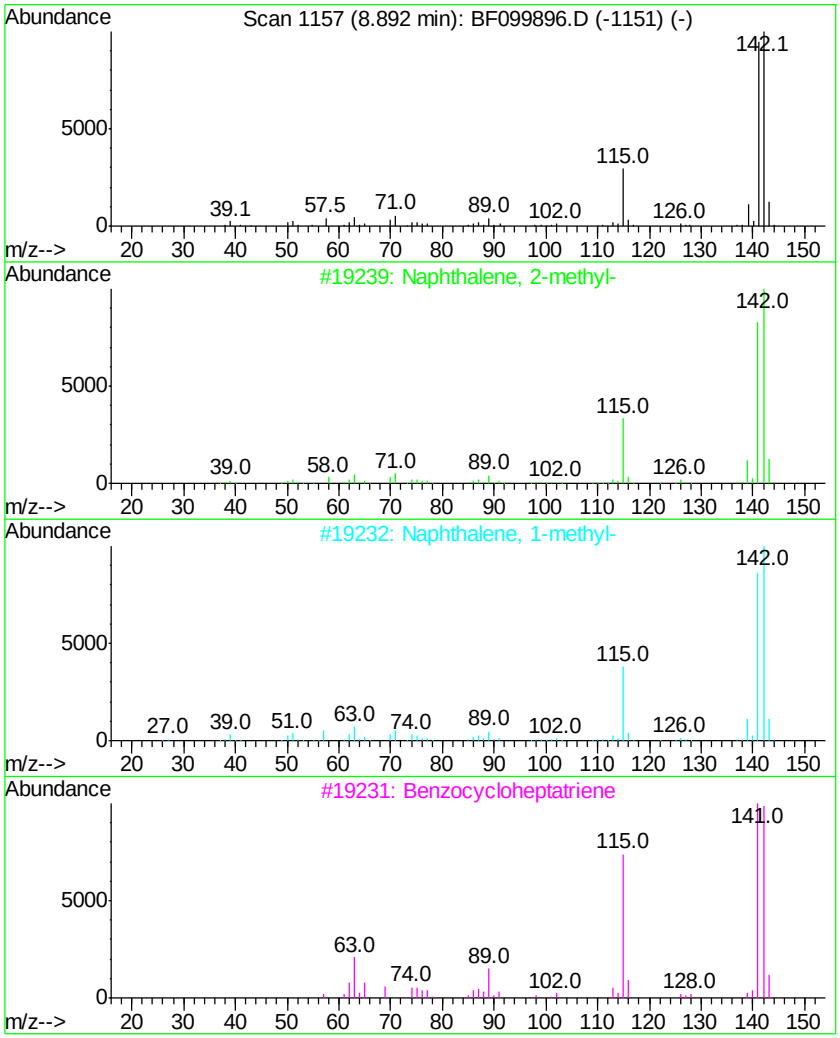
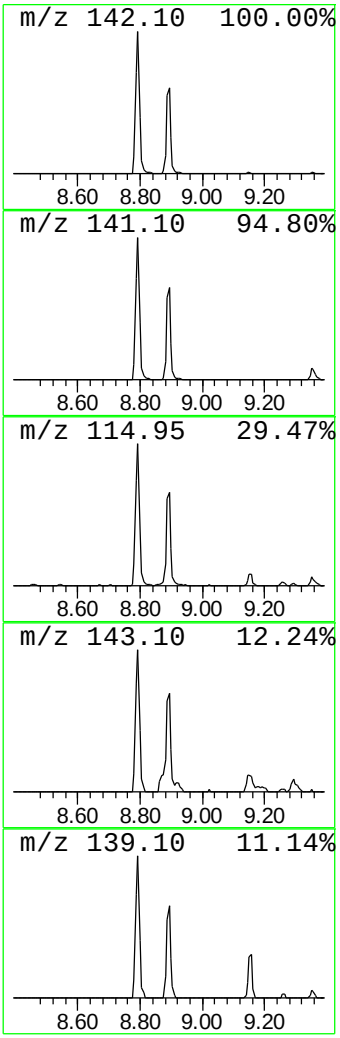
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.89	8.89 ng	314808	Naphthalene-d8	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
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	87





Library Search Compound Report

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Data File : BF099896.D
Acq On : 28 Oct 2017 1:04
Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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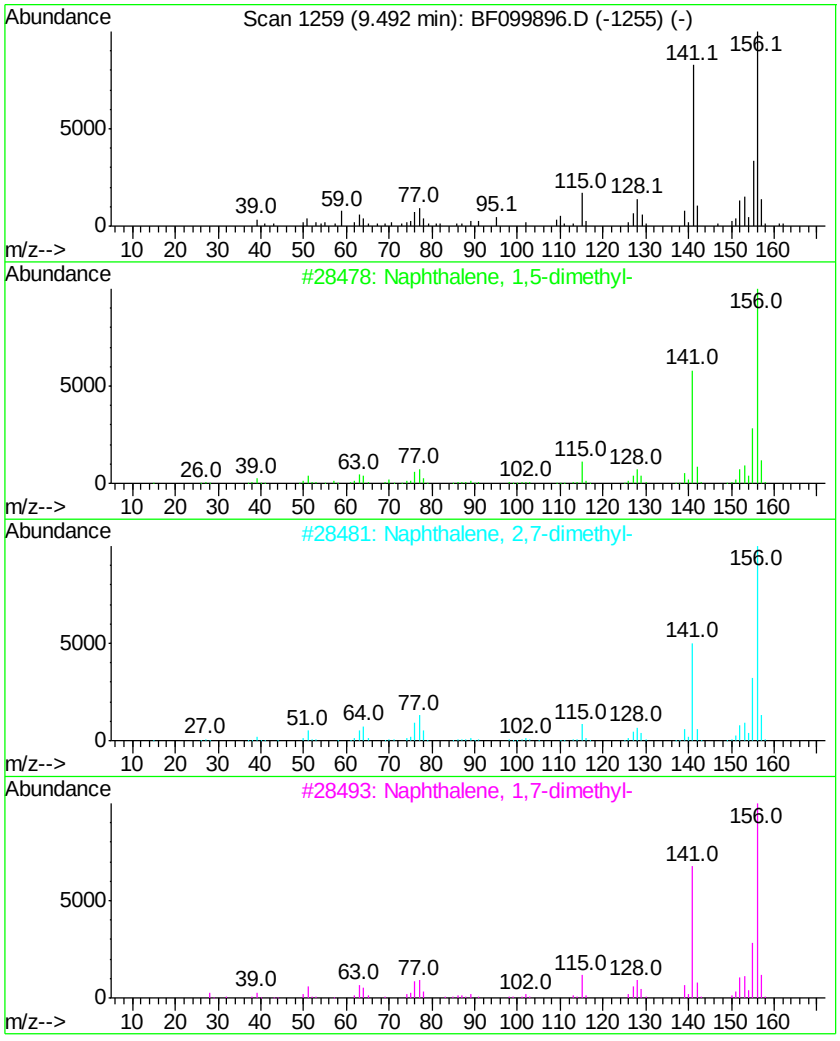
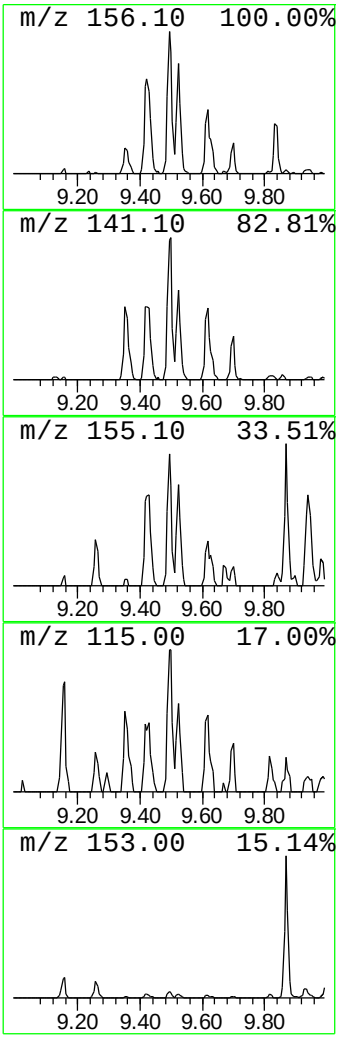
Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.43 ng	140605	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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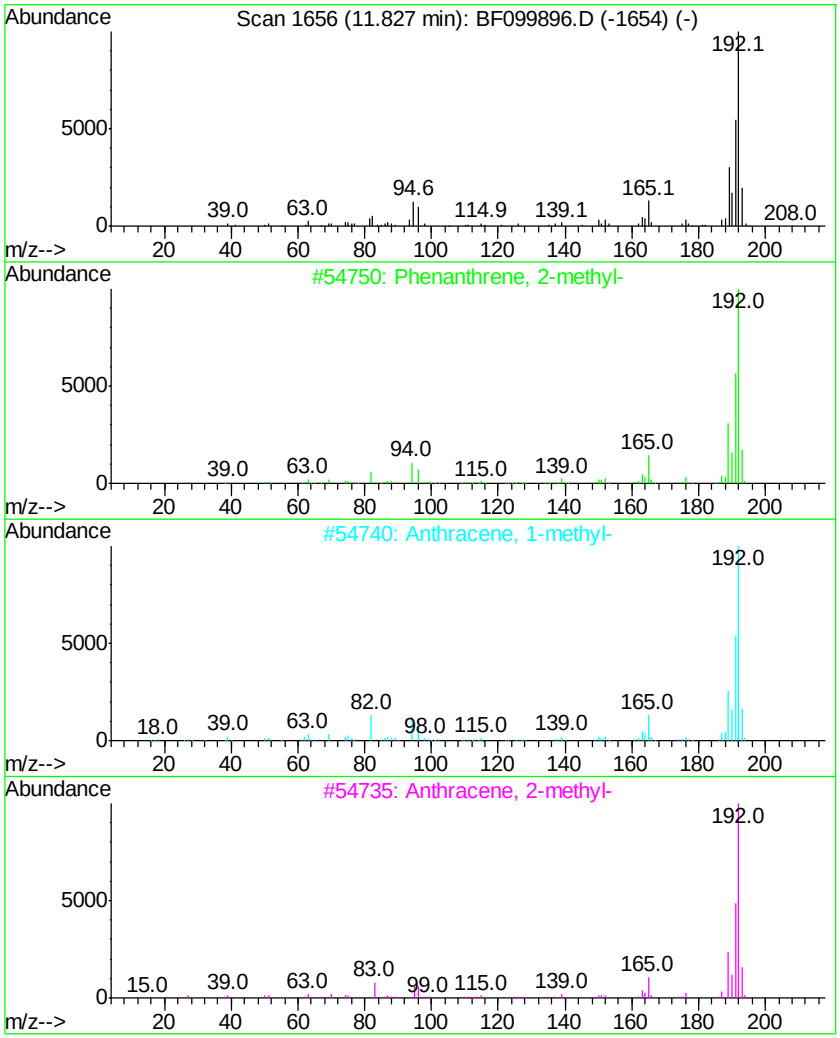
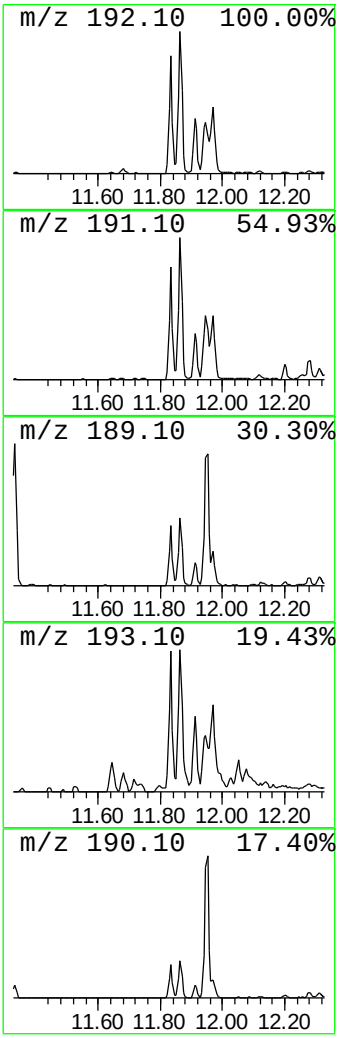
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.66 ng	199054	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 28 Oct 2017 1:04
Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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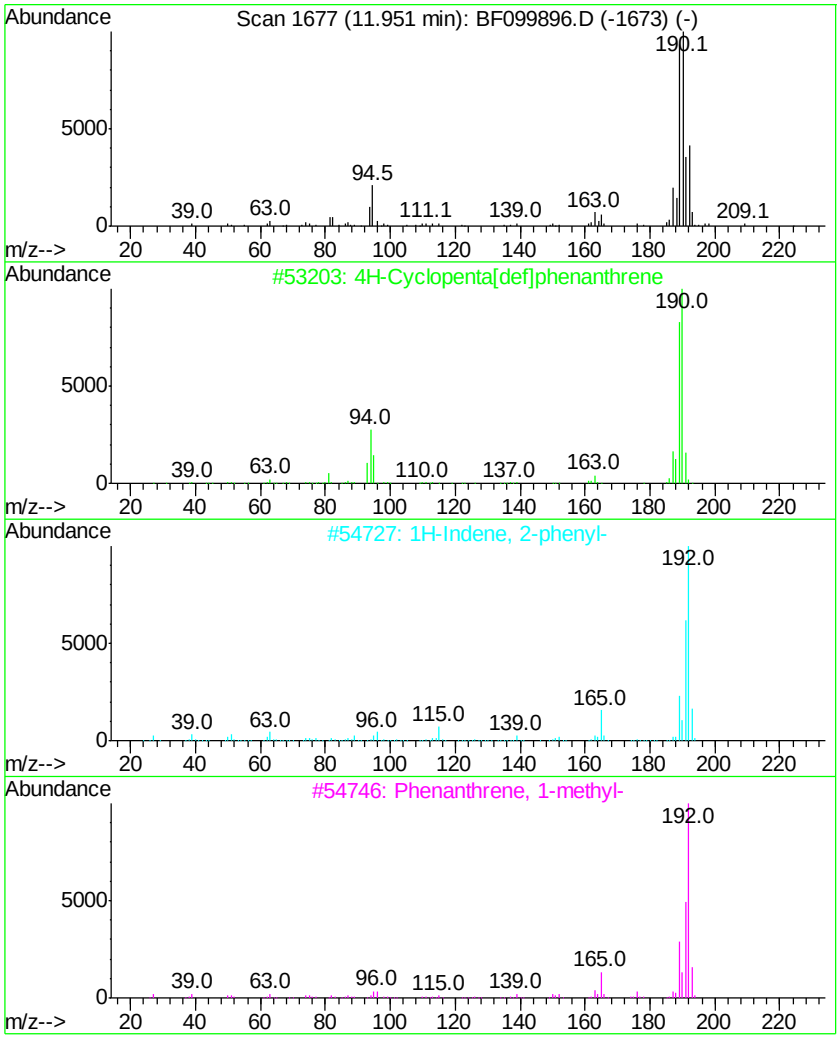
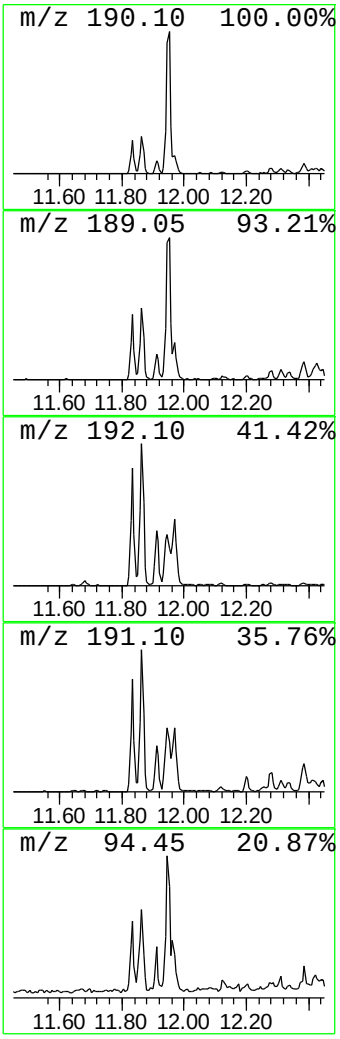
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.36 ng	271848	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25





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Operator : SJ/JU
Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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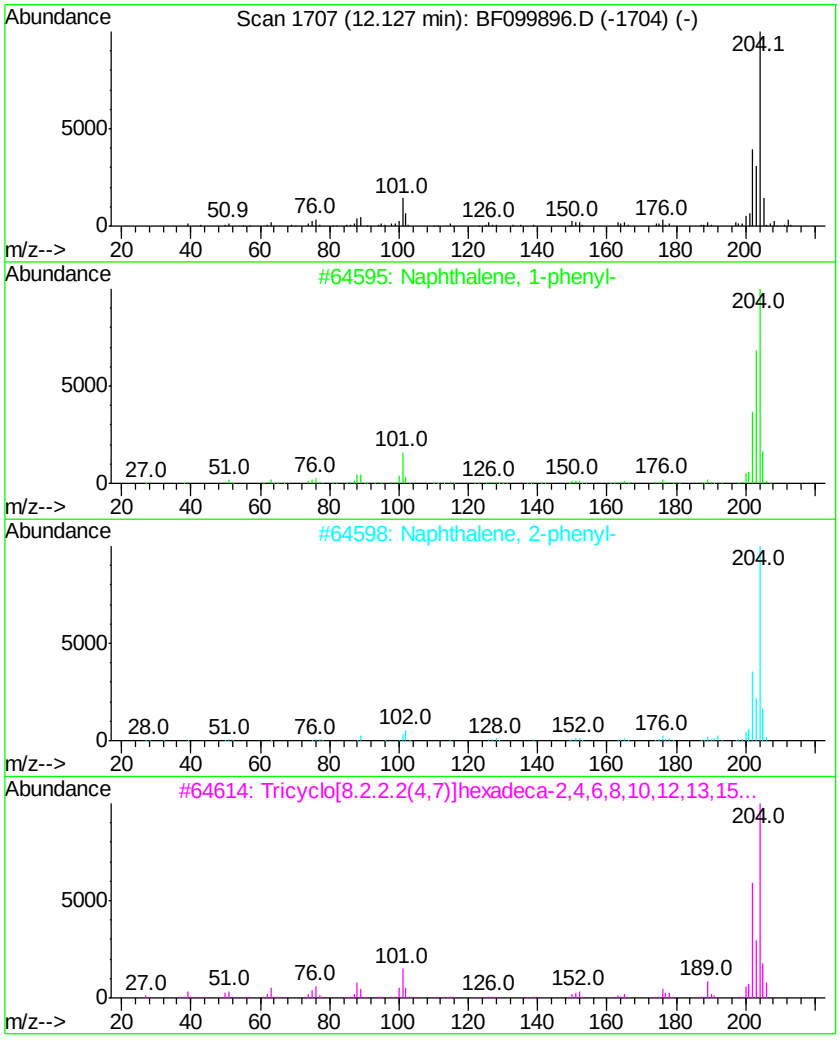
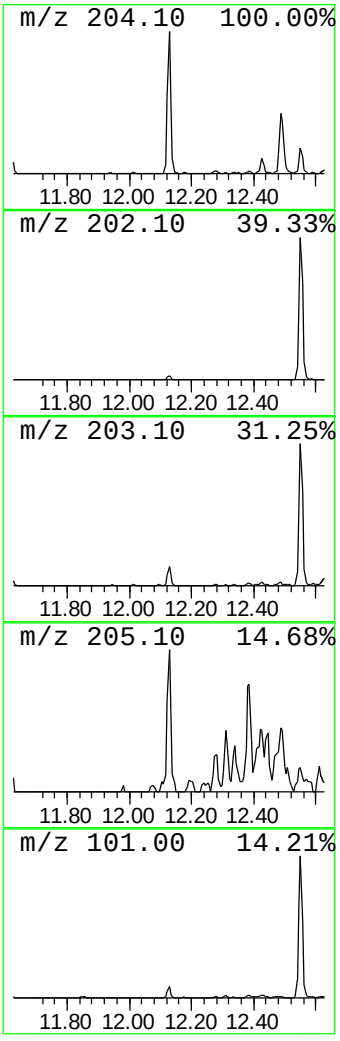
Peak Number 14 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.98 ng	127331	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43





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Sample : I6029-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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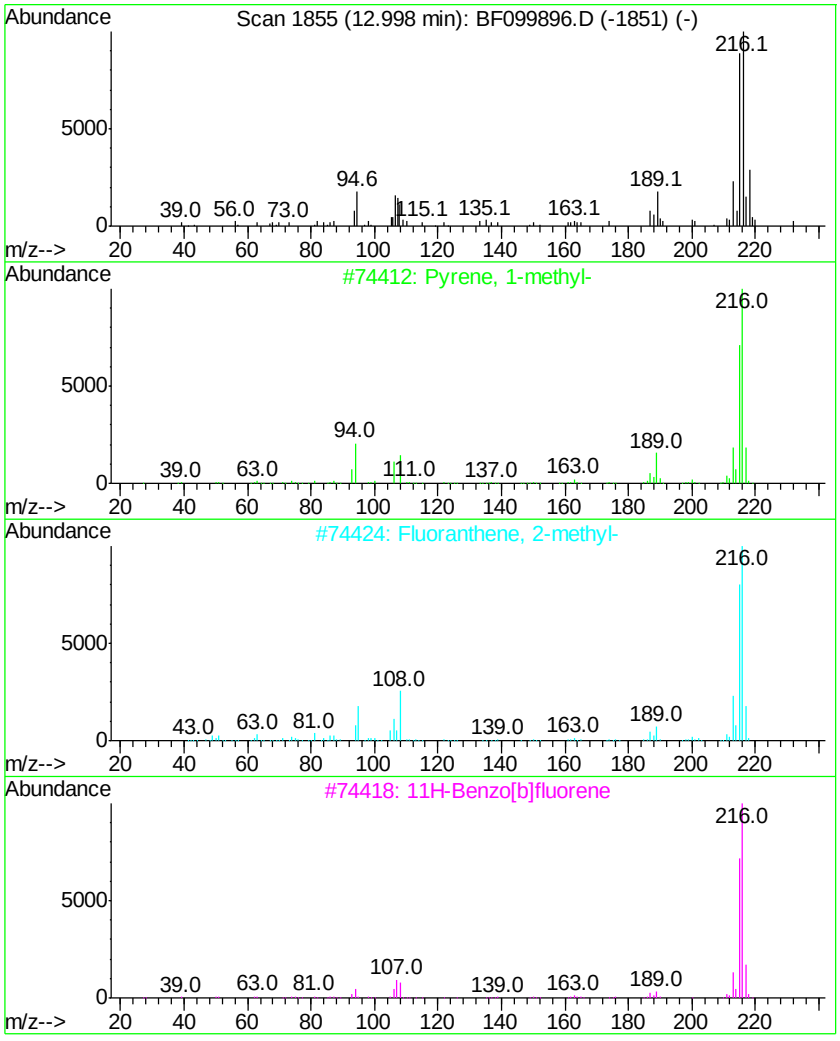
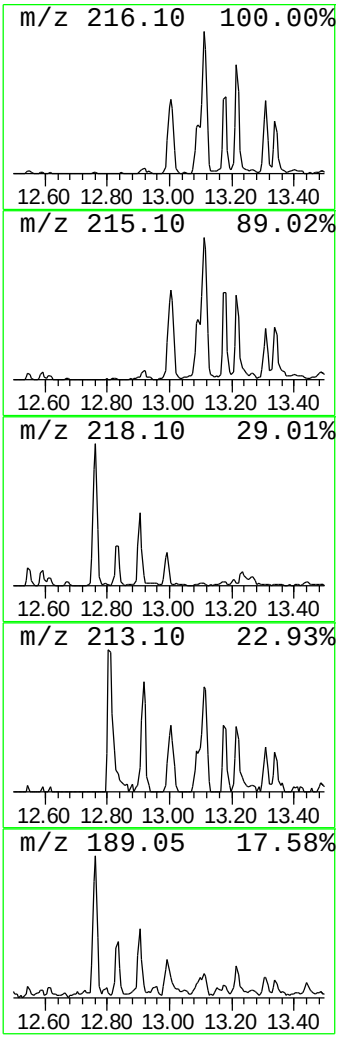
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.70 ng	136187	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





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Sample : I6029-09
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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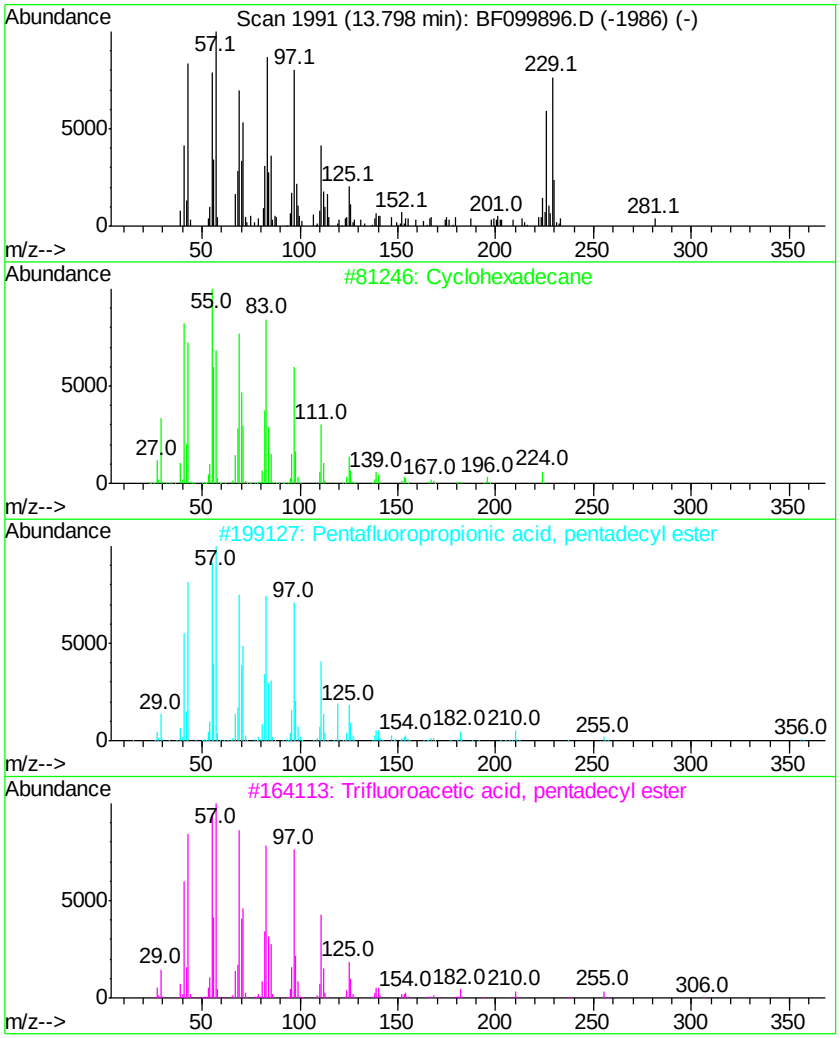
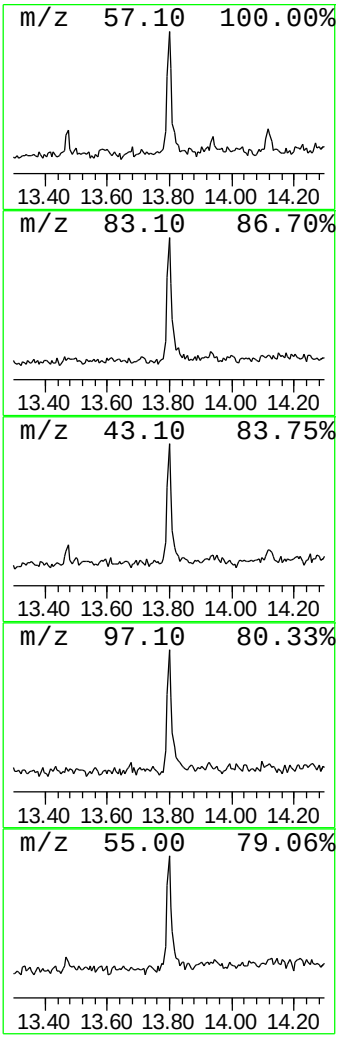
Peak Number 17 Cyclohexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.00 ng	202070	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	96
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90





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Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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TIC Library : C:\DATABASE\NIST11.L
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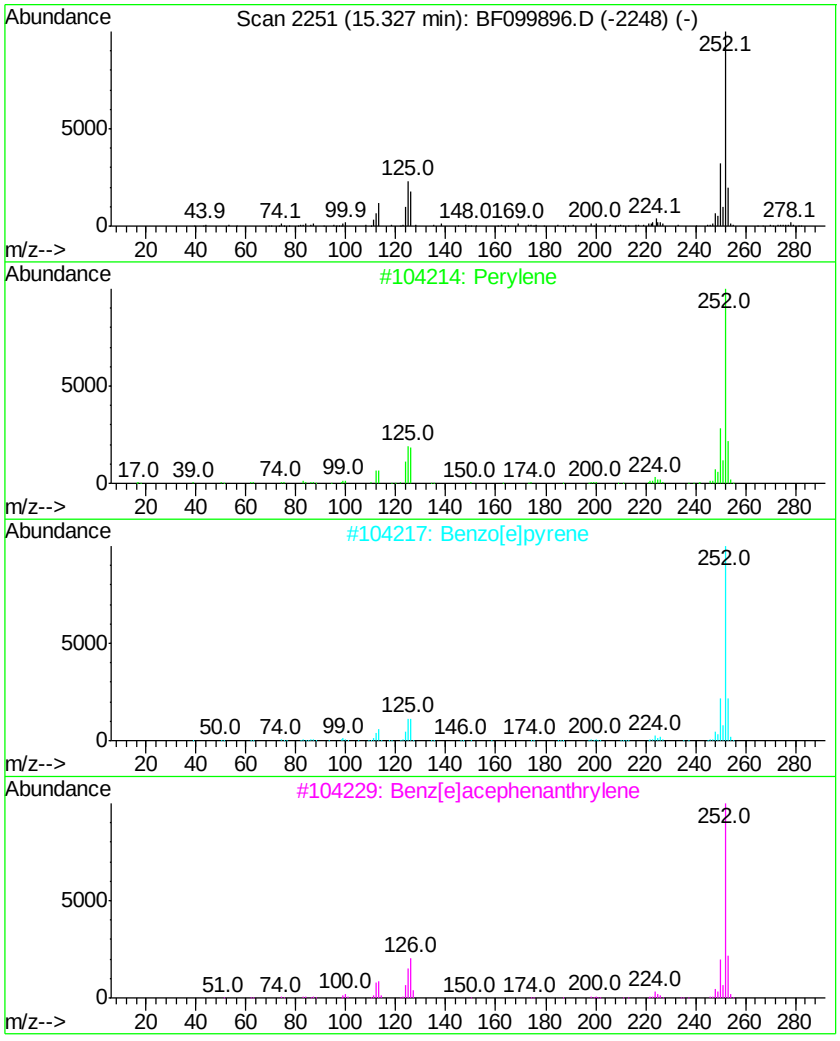
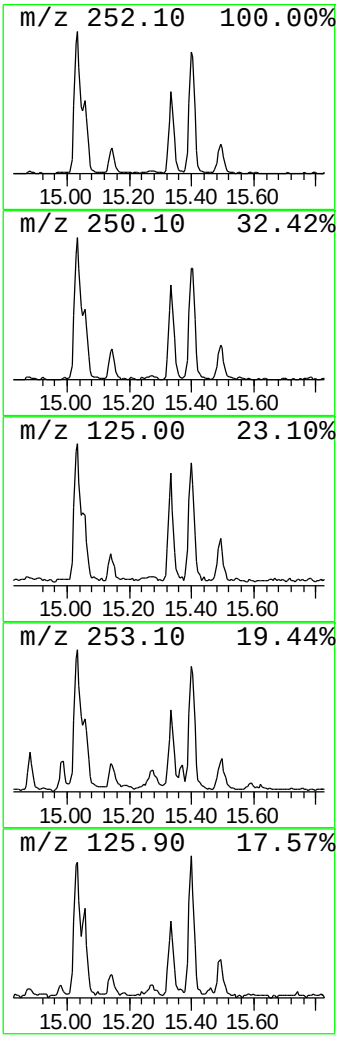
Peak Number 19 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	9.24 ng	218098	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Misc :
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Instrument : BNA_F
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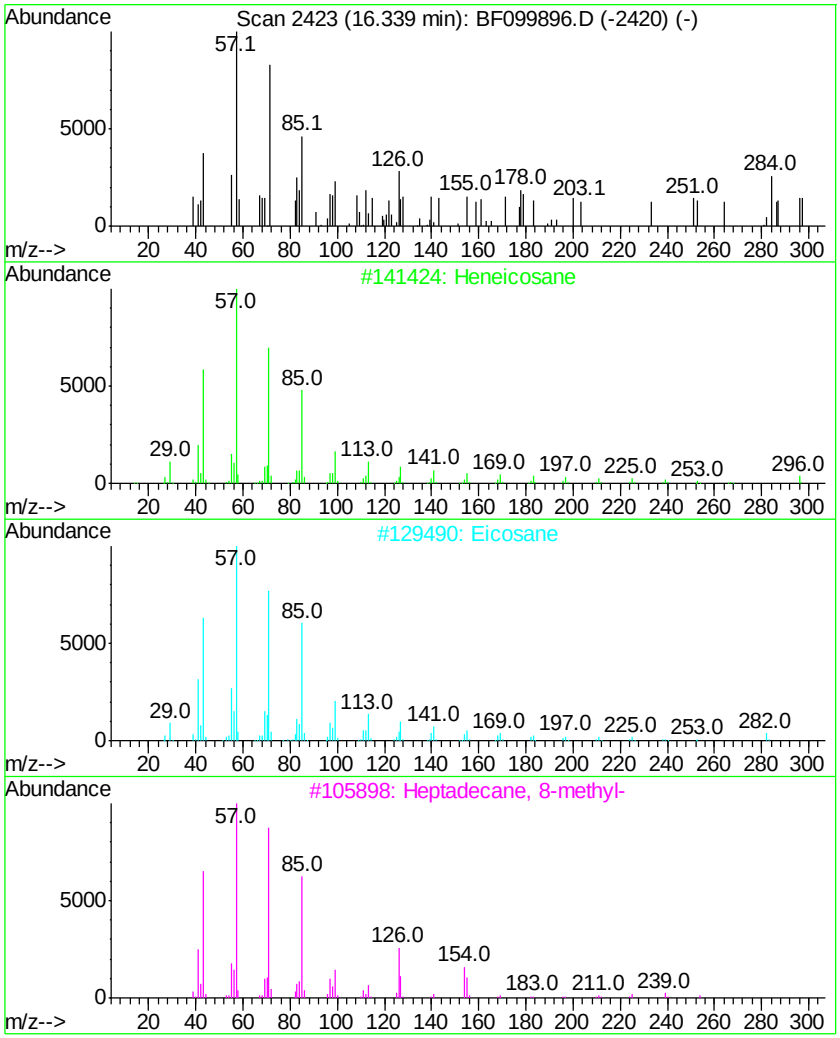
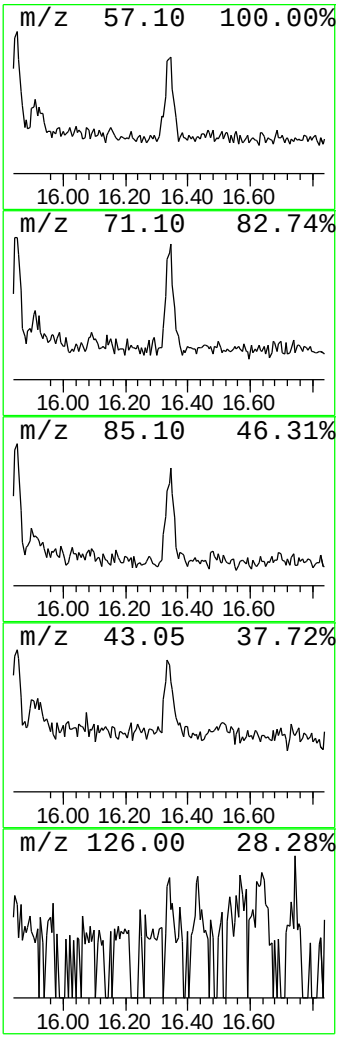
Peak Number 20 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	3.26 ng	76948	Perylene-d12	15.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	53
2	Eicosane	282	C20H42	000112-95-8	46
3	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43
4	Tetradecane	198	C14H30	000629-59-4	43
5	Undecane	156	C11H24	001120-21-4	43





Tentatively Identified Compound (LSC) summary

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Data File : BF099896.D
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Operator : SJ/JU
Sample : I6029-09
Misc :
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Instrument : BNA_F
ClientSampleId : ENV-116-6(0-5)

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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...	5.01	11.7	ng	282195	1	6.79	481641	20.0
unknown6.57	6.57	72.4	ng	1743060	1	6.79	481641	20.0
Bicyclo[2.2.1]hep...	7.60	6.6	ng	233803	2	8.07	707979	20.0
Cyclohexanemethan...	7.80	7.0	ng	249237	2	8.07	707979	20.0
(+)-2-Bornanone	7.82	3.2	ng	112625	2	8.07	707979	20.0
endo-Borneol	7.97	11.5	ng	406843	2	8.07	707979	20.0
Naphthalene, 1-me...	8.89	8.9	ng	314808	2	8.07	707979	20.0
Naphthalene, 1,5-...	9.49	3.4	ng	140605	3	9.83	820646	20.0
Phenanthrene, 2-m...	11.83	4.7	ng	199054	4	11.33	854466	20.0
4H-Cyclopenta[def...	11.95	6.4	ng	271848	4	11.33	854466	20.0
Naphthalene, 1-ph...	12.13	3.0	ng	127331	4	11.33	854466	20.0
Pyrene, 1-methyl-	13.00	2.7	ng	136187	5	13.99	1009500	20.0
Cyclohexadecane	13.80	4.0	ng	202070	5	13.99	1009500	20.0
Perylene	15.33	9.2	ng	218098	6	15.46	472036	20.0
Heneicosane	16.34	3.3	ng	76948	6	15.46	472036	20.0