LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

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-BF081517.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	4.939	481	485	493	rVB	410636	524026	17.65%	1.495%
2	5.357	551	556	559	rVB	2728602	2749565	92.60%	7.845%
3	6.386	725	731	734	rVB	2797293	2969310	100.00%	8.472%
4	6.516	748	753	757	rBV	2783376	2852920	96.08%	8.140%
5	6.586	761	765	770	rVB3	43578	59667	2.01%	0.170%
6	6.745	789	792	800	rVB	931614	820587	27.64%	2.341%
7	6.904	815	819	822	rBV	2413281	2072876	69.81%	5.914%
8	7.310	880	888	891	rBV	1859658	1880125	63.32%	5.364%
9	7.351	891	895	898	rVV3	48890	58099	1.96%	0.166%
10	7.404	898	904	906	rVV2	50863	58536	1.97%	0.167%
11	7.969	998	1000	1006	rBV5	29629	35060	1.18%	0.100%
12	8.033	1006	1011	1013	rBV	1109837	1085955	36.57%	3.098%
13	8.457	1080	1083	1088	rBV3	27488	37051	1.25%	0.106%
14	8.627	1108	1112	1115	rBV	56418	45268	1.52%	0.129%
15	8.669	1115	1119	1121	rBV2	34943	34802	1.17%	0.099%
16	8.739	1126	1131	1135	rVB	81323	75740	2.55%	0.216%
17	8.839	1144	1148	1152	rVB	71788	66962	2.26%	0.191%
18	9.110	1188	1194	1197	rBV	2920000	2700105	90.93%	7.704%
19	9.192	1203	1208	1213	rBV2	91794	131403	4.43%	0.375%
20	9.363	1234	1237	1242	rVB2	49041	65917	2.22%	0.188%
21	9.439	1247	1250	1253	rVV	88119	89887	3.03%	0.256%
22	9.469	1253	1255	1257	rVV	66148	50440	1.70%	0.144%
23	9.498	1257	1260	1265	rVV	419642	401533	13.52%	1.146%
24	9.557	1268	1270	1275	rVB3	38770	48439	1.63%	0.138%
25	9.639	1279	1284	1291	rBV	68787	92116	3.10%	0.263%
26	9.722	1296	1298	1302	rVB	106801	78141	2.63%	0.223%
27	9.780	1302	1308	1311	rBV2	1209810	1097554	36.96%	3.131%
28	9.816	1311	1314	1317	rVB	96619	91860	3.09%	0.262%
29	9.892	1323	1327	1330	rBV2	28522	38434	1.29%	0.110%
30	9.986	1339	1343	1346	rVB2	120235	108962	3.67%	0.311%
31	10.098	1357	1362	1364	rBV3	42395	56549	1.90%	0.161%
32	10.192	1373	1378	1379	rBV3	53541	58420	1.97%	0.167%
33	10.221	1380	1383	1386	rVB	118694	97880	3.30%	0.279%
34	10.327	1398	1401	1407	rVB2	130811	136271	4.59%	0.389%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.392	1407	1412	1413	rBV2	48743	57636	1.94%	0.164%
36	10.439	1417	1420	1422	rVV	123940	123782	4.17%	0.353%
37	10.486	1425	1428	1432	rVB3	57360	64199	2.16%	0.183%
38	10.569	1437	1442	1445	rVV	1753512	1569362	52.85%	4.478%
39	10.604	1445	1448	1454	rVB6	22572	47135	1.59%	0.134%
40	10.692	1460	1463	1470	rVB2	192653	248156	8.36%	0.708%
41	10.757	1471	1474	1477	rBV2	31265	46120	1.55%	0.132%
42	10.821	1482	1485	1487	rBV4	28122	35929	1.21%	0.103%
43	10.868	1490	1493	1497	rVV4	48647	69787	2.35%	0.199%
44	10.927	1501	1503	1506	rVV2	42262	40867	1.38%	0.117%
45	11.068	1524	1527	1531	rVB3	45664	42323	1.43%	0.121%
46	11.116	1532	1535	1536	rVV3	29124	31579	1.06%	0.090%
47	11.139	1536	1539	1541	rVV	129951	115958	3.91%	0.331%
48	11.168	1541	1544	1547	rVB2	80123	102580	3.45%	0.293%
49	11.263	1556	1560	1562	rBV	1078507	941492	31.71%	2.686%
50	11.286	1562	1564	1567	rVV	838860	635231	21.39%	1.812%
51	11.333	1567	1572	1576	rVB	200509	212847	7.17%	0.607%
52	11.368	1576	1578	1582	rBV2	45246	51302	1.73%	0.146%
53	11.439	1588	1590	1592	rBV2	52178	32668	1.10%	0.093%
54	11.492	1596	1599	1602	rBV	66968	55540	1.87%	0.158%
55	11.563	1609	1611	1614	rBV2	84158	73779	2.48%	0.210%
56	11.668	1625	1629	1635	rVB4	41088	81911	2.76%	0.234%
57	11.763	1642	1645	1647	rBV	153397	125159	4.22%	0.357%
58	11.792	1647	1650	1654	rVV2	281883	364497	12.28%	1.040%
59	11.833	1654	1657	1660	rVV2	82367	113462	3.82%	0.324%
60	11.874	1660	1664	1666	rVV	232957	263728	8.88%	0.752%
61	11.898	1666	1668	1672	rVB	106383	101128	3.41%	0.289%
62	11.974	1678	1681	1683	rBV2	65284	56523	1.90%	0.161%
63	12.057	1693	1695	1697	rBV	70498	61721	2.08%	0.176%
64	12.080	1697	1699	1702	rVB3	47057	40825	1.37%	0.116%
65	12.121	1703	1706	1709	rVB4	43708	40367	1.36%	0.115%
66	12.210	1718	1721	1724	rVB2	68398	58539	1.97%	0.167%
67	12.239	1724	1726	1727	rBV	44198	38520	1.30%	0.110%
68	12.310	1735	1738	1741	rBV2	116358	122972	4.14%	0.351%
69	12.363	1741	1747	1750	rVV3	72653	145470	4.90%	0.415%
70	12.392	1750	1752	1757	rVB3	71251	84815	2.86%	0.242%
71	12.474	1762	1766	1769	rBV	837859	777258	26.18%	2.218%

LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

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-BF081517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.515	1771	1773	1779	rVB5	58537	74806	2.52%	0.213%
73	12.568	1780	1782	1785	rBV4	33798	34035	1.15%	0.097%
74	12.698	1799	1804	1807	rBV	817733	804763	27.10%	2.296%
75	12.815	1822	1824	1826	rBV	50507	40845	1.38%	0.117%
76	12.851	1826	1830	1833	rVV	1792019	1794481	60.43%	5.120%
77	12.915	1839	1841	1844	rVB	52821	49797	1.68%	0.142%
78	12.980	1850	1852	1854	rBV2	44826	44121	1.49%	0.126%
79	13.027	1857	1860	1863	rVB	130480	129574	4.36%	0.370%
80	13.062	1864	1866	1868	rBV2	34727	36016	1.21%	0.103%
81	13.092	1868	1871	1874	rVB2	113643	95615	3.22%	0.273%
82	13.127	1874	1877	1880	rBV	108951	108501	3.65%	0.310%
83	13.221	1890	1893	1895	rVB	68518	57897	1.95%	0.165%
84	13.251	1896	1898	1900	rBV	63129	57049	1.92%	0.163%
85	13.427	1926	1928	1931	rVB2	62044	56284	1.90%	0.161%
86	13.639	1961	1964	1967	rBV2	83714	103352	3.48%	0.295%
87	13.674	1967	1970	1971	rVV	50566	40876	1.38%	0.117%
88	13.745	1979	1982	1990	rVB3	208659	278916	9.39%	0.796%
89	13.892	2002	2007	2010	rBV2	886462	1162630	39.15%	3.317%
90	13.915	2010	2011	2017	rVB	328138	296191	9.98%	0.845%
91	14.380	2087	2090	2095	rBV5	99523	182904	6.16%	0.522%
92	14.909	2176	2180	2183	rBV	262070	394484	13.29%	1.126%
93	15.198	2225	2229	2234	rVB	151647	197124	6.64%	0.562%
94	15.251	2235	2238	2244	rBV	188823	216373	7.29%	0.617%
95	15.315	2245	2249	2252	rBV	448585	520067	17.51%	1.484%
96	15.398	2260	2263	2269	rVB	149981	188937	6.36%	0.539%
97	15.986	2360	2363	2375	rVB2	114376	238197	8.02%	0.680%

Sum of corrected areas: 35049462

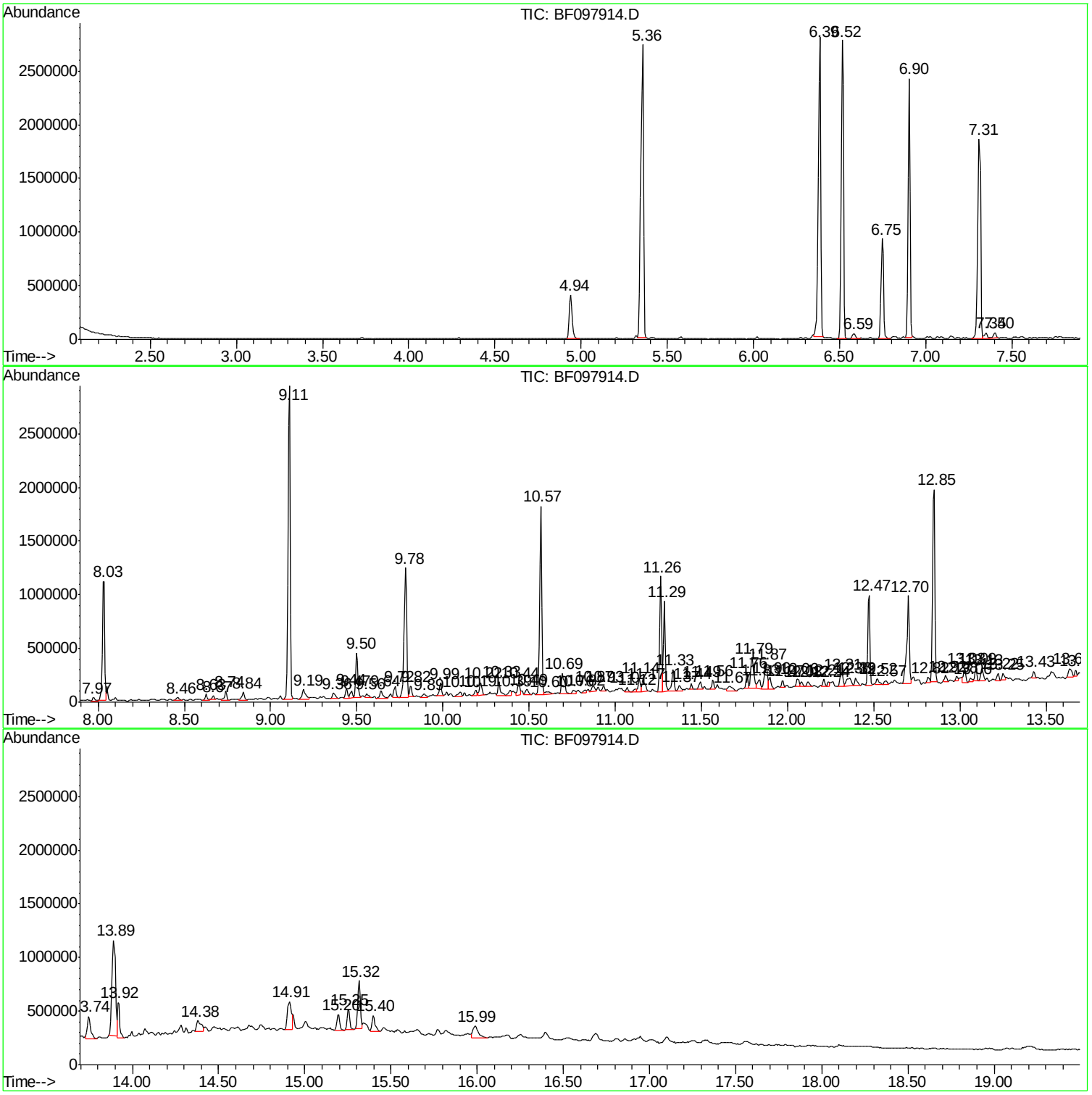
LSC Report - Integrated Chromatogram

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

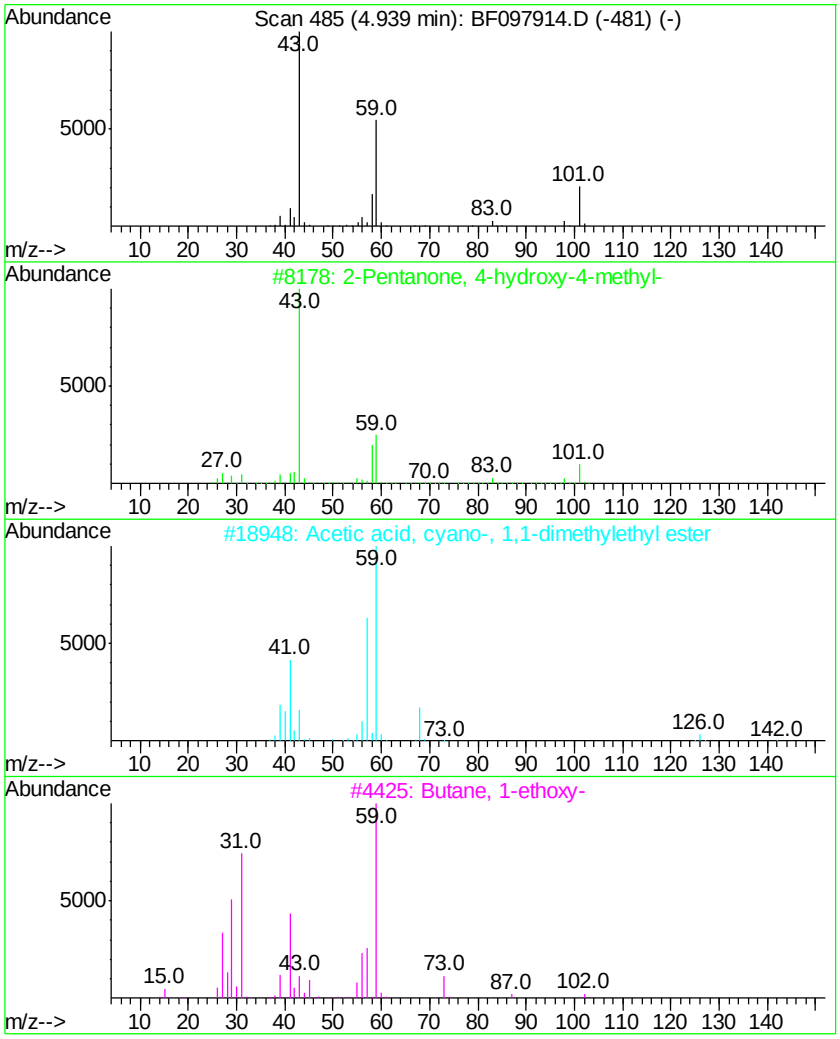
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

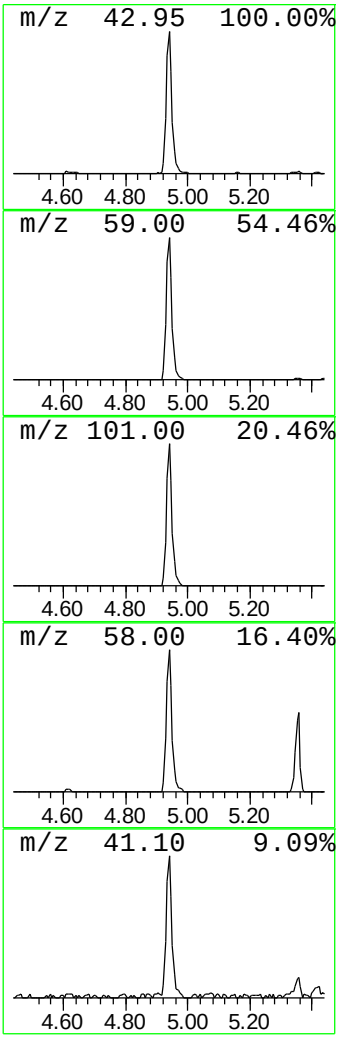
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	12.77 ng	524026	1,4-Dichlorobenzene-d4	6.75

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	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

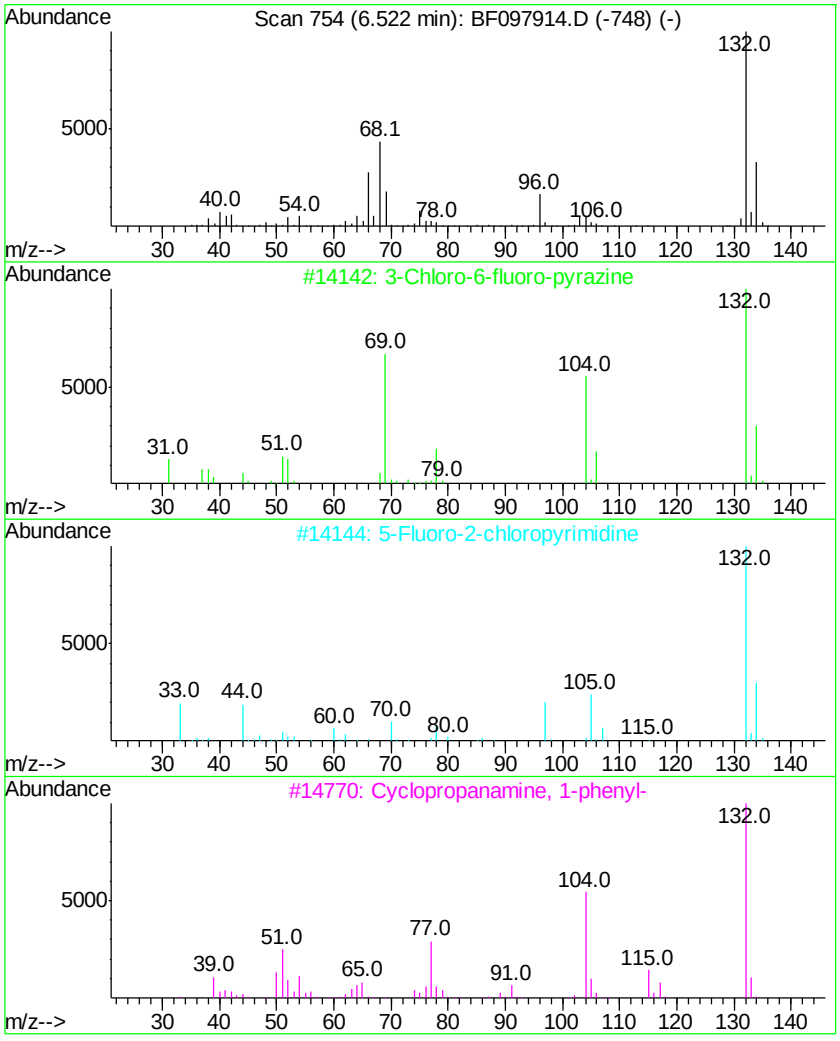
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

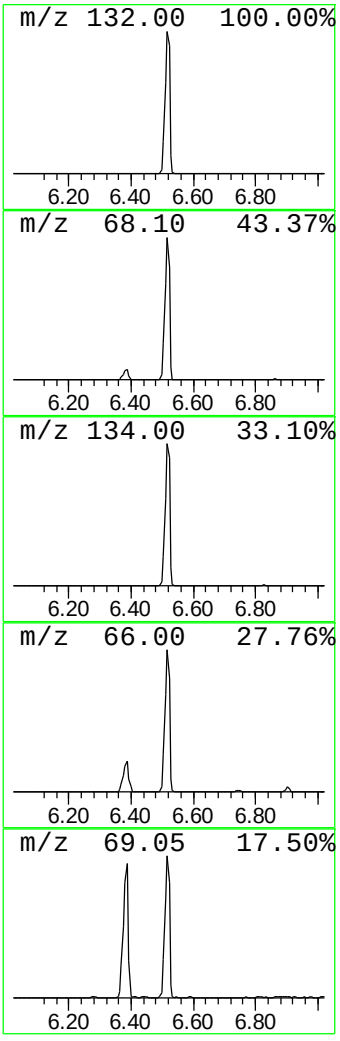
****

Peak Number 2 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	69.53 ng	2852920	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	5-Aminoindole	132	C8H8N2	005192-03-0	10





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

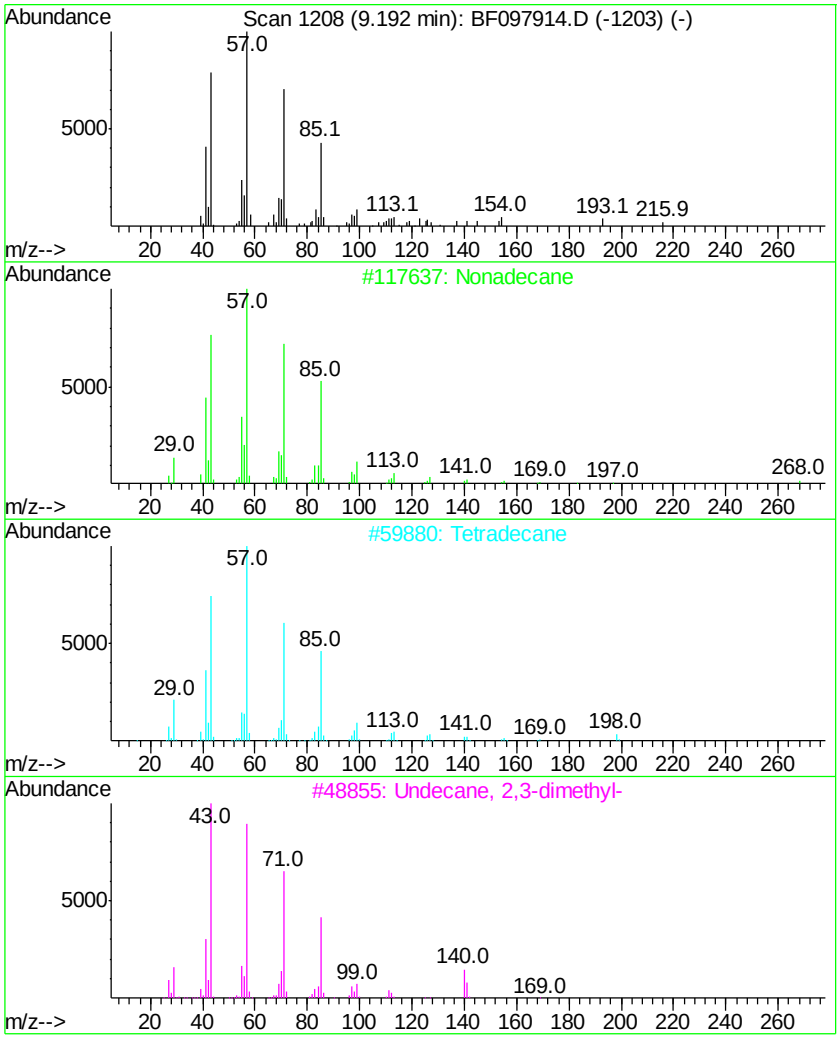
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

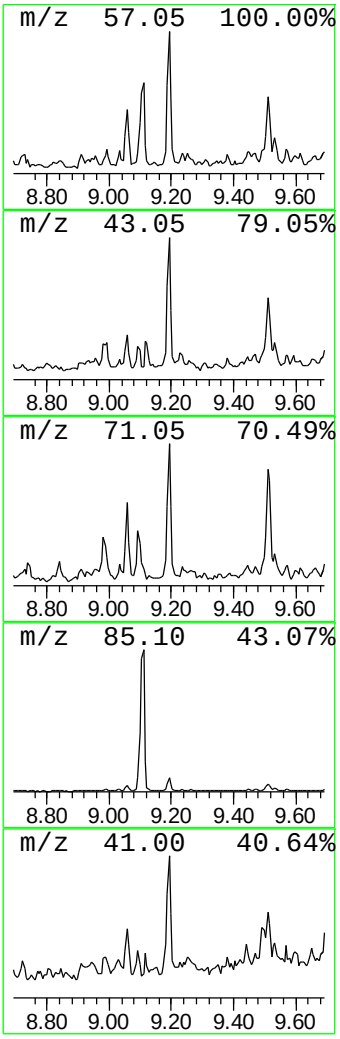
****

Peak Number 4 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	2.39 ng	131403	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	74
2	Tetradecane	198	C14H30	000629-59-4	72
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	64





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

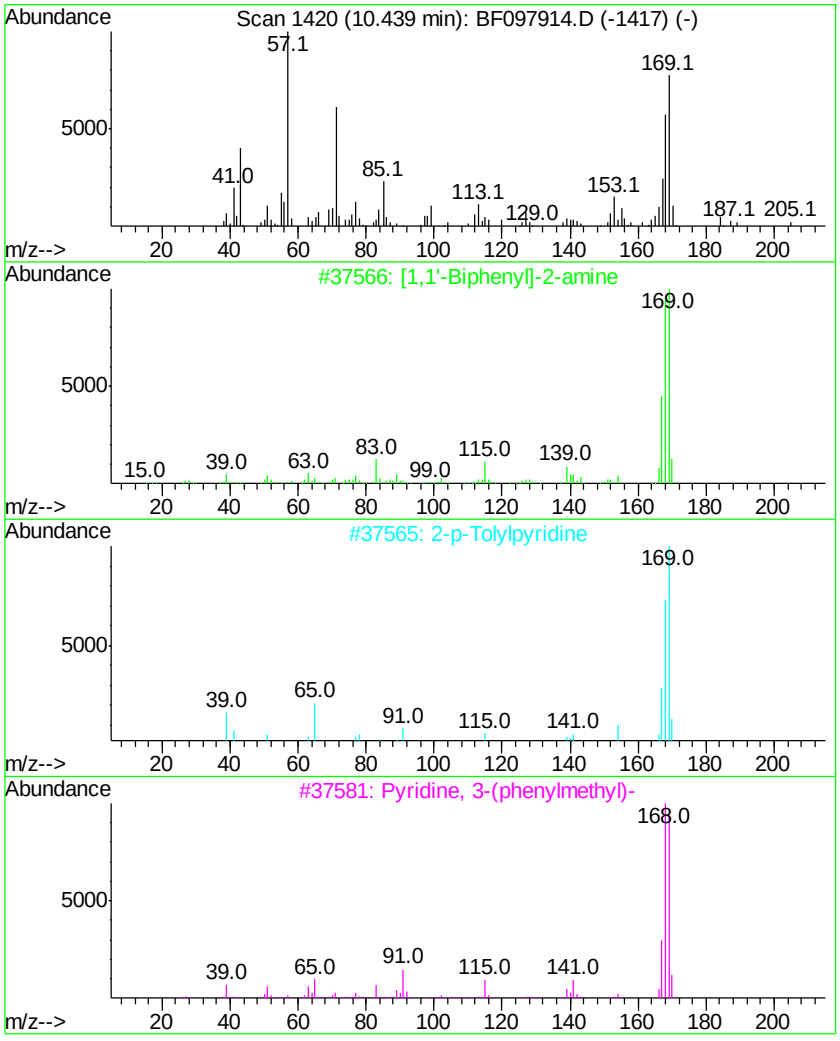
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

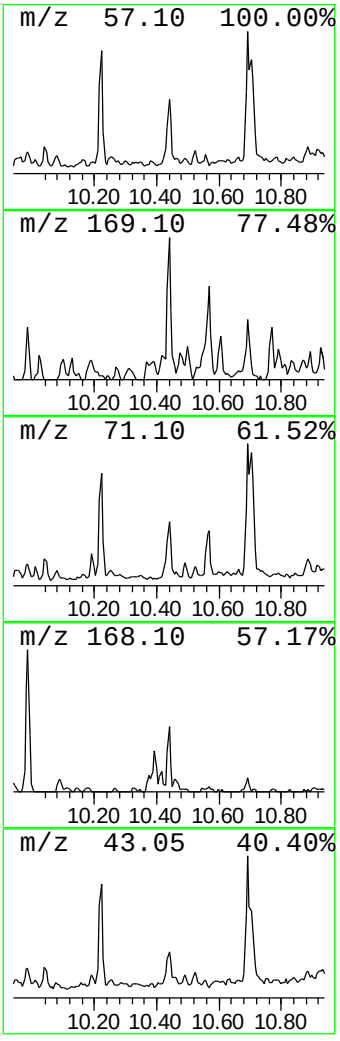
****

Peak Number 6 [1,1'-Biphenyl]-2-amine Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.26 ng	123782	Acenaphthene-d10	9.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-amine	169	C12H11N	000090-41-5	55
2	2-p-Tolylpyridine	169	C12H11N	004467-06-5	49
3	Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	46
4	Diphenylamine	169	C12H11N	000122-39-4	46
5	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	30





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

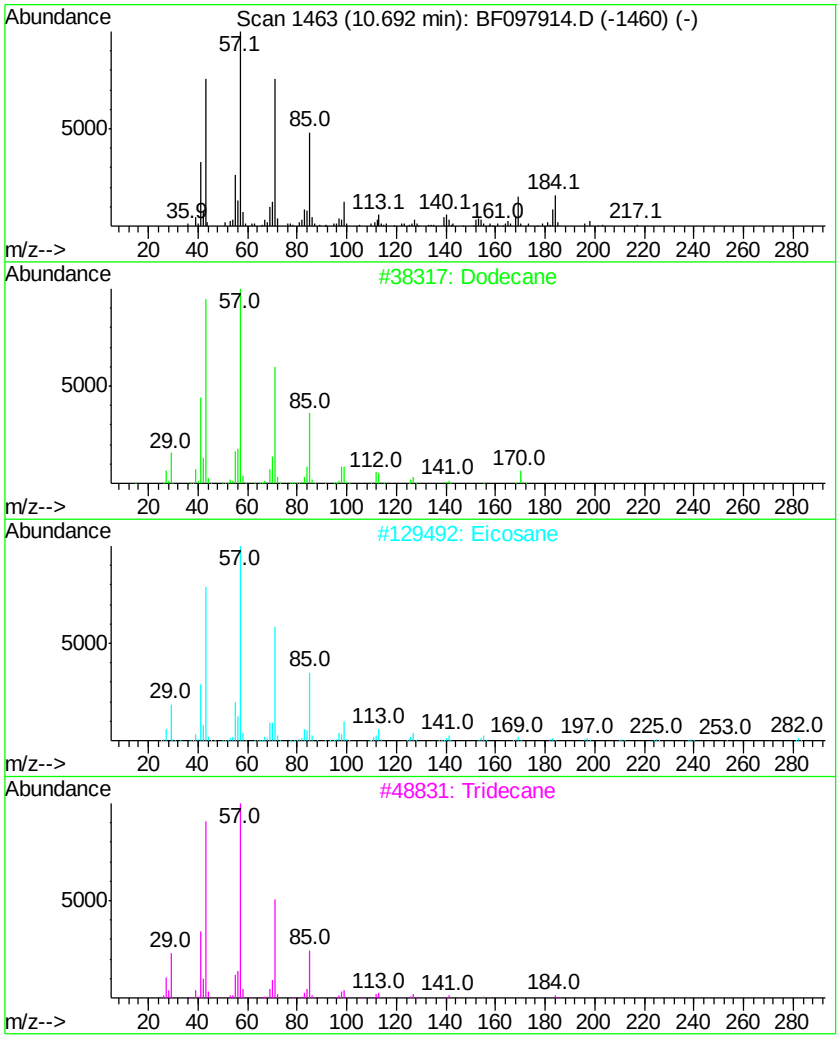
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

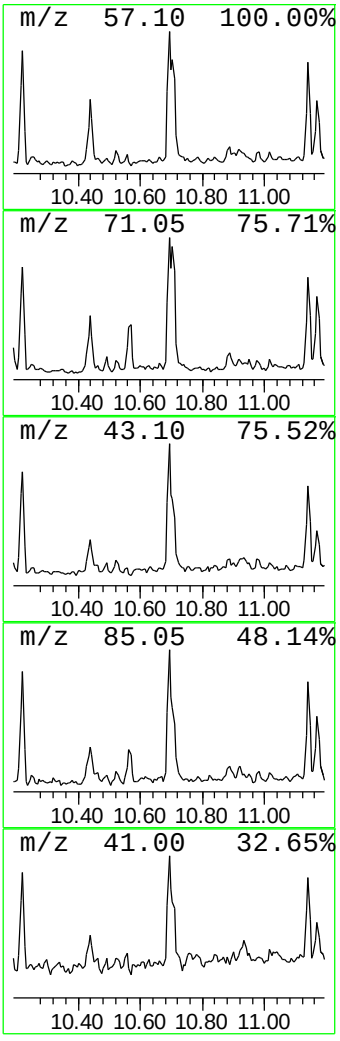
****

Peak Number 7 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	5.27 ng	248156	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	81
2	Eicosane	282	C20H42	000112-95-8	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
5	Tetradecane	198	C14H30	000629-59-4	74





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

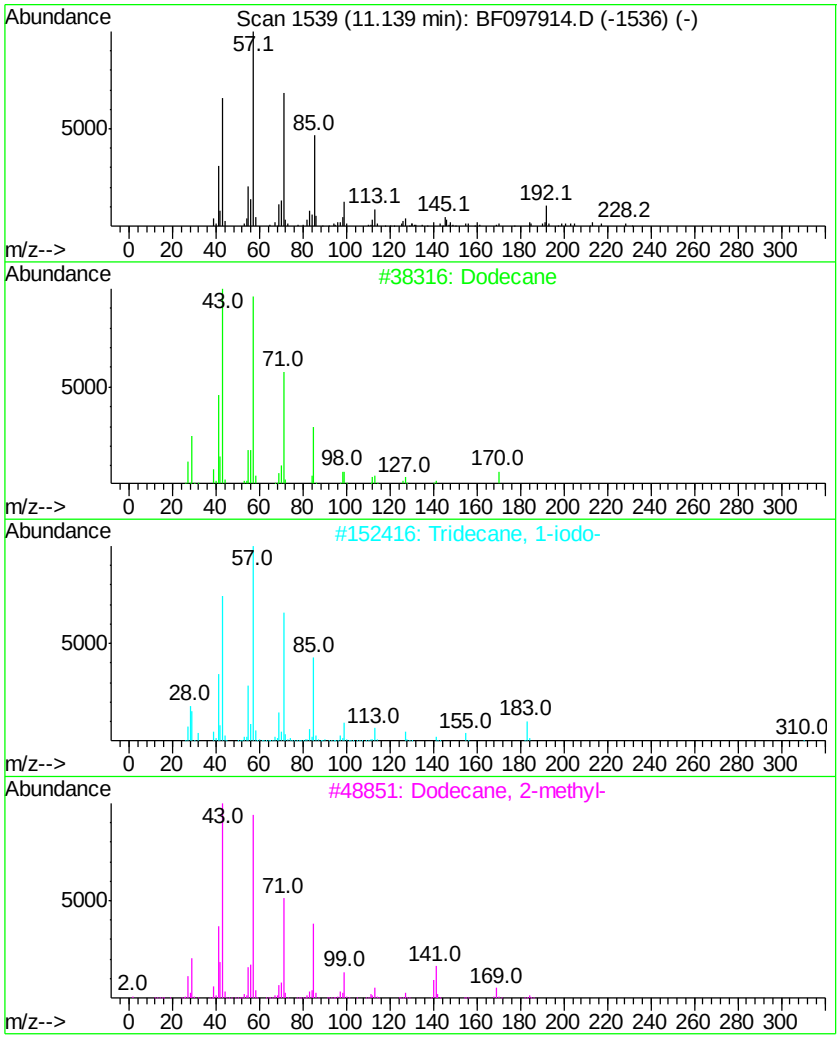
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

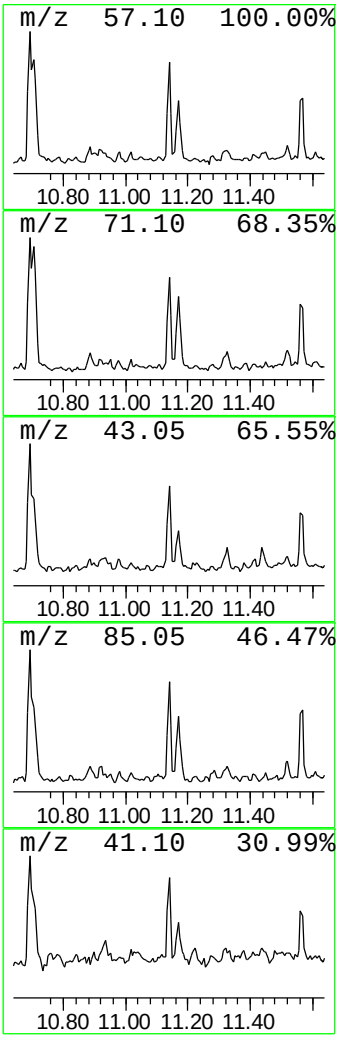
****

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	2.46 ng	115958	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
4	Octadecane	254	C18H38	000593-45-3	72
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

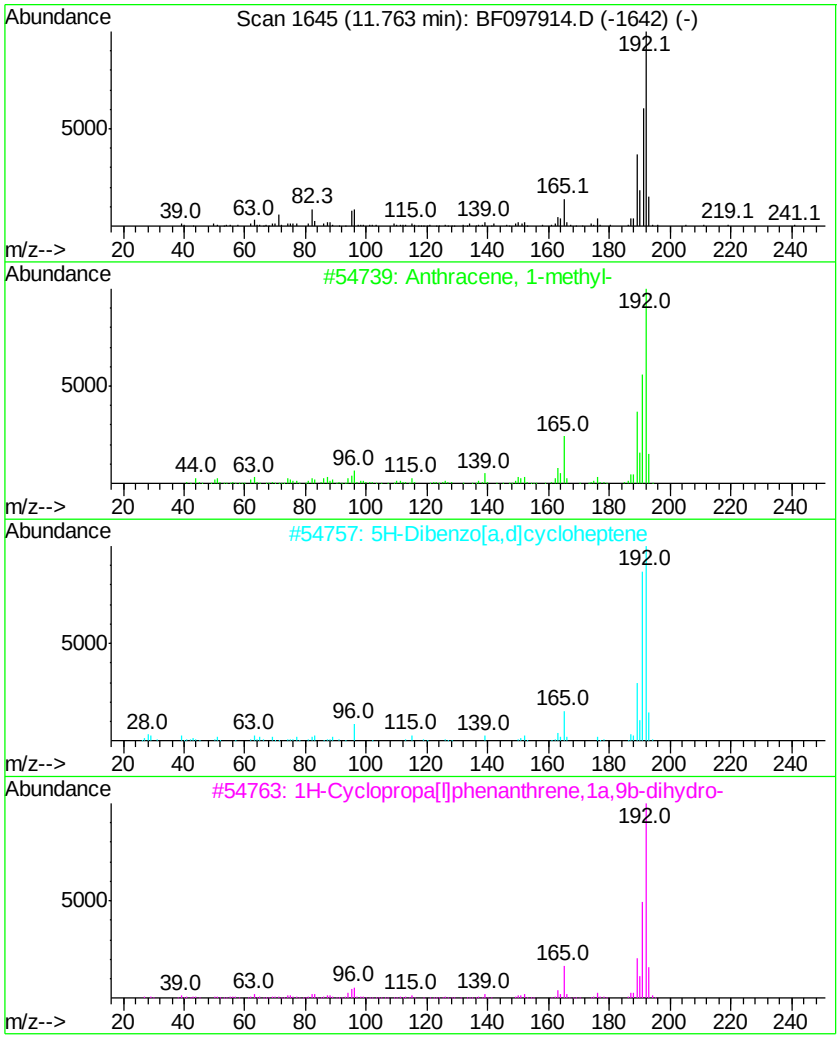
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

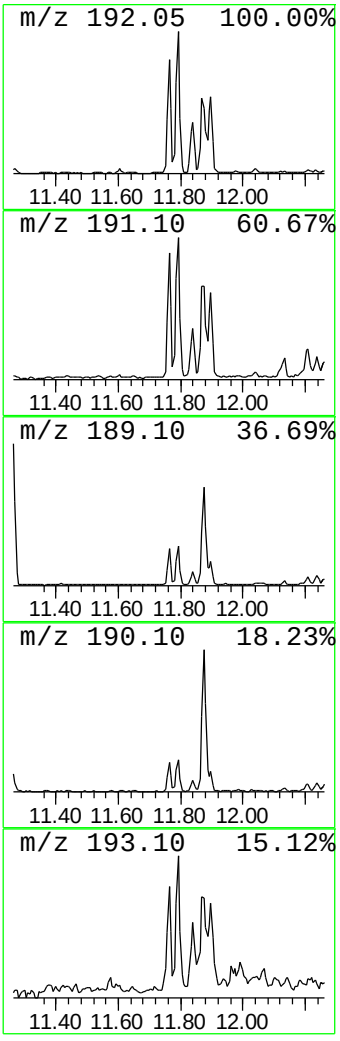
****

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	2.66 ng	125159	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

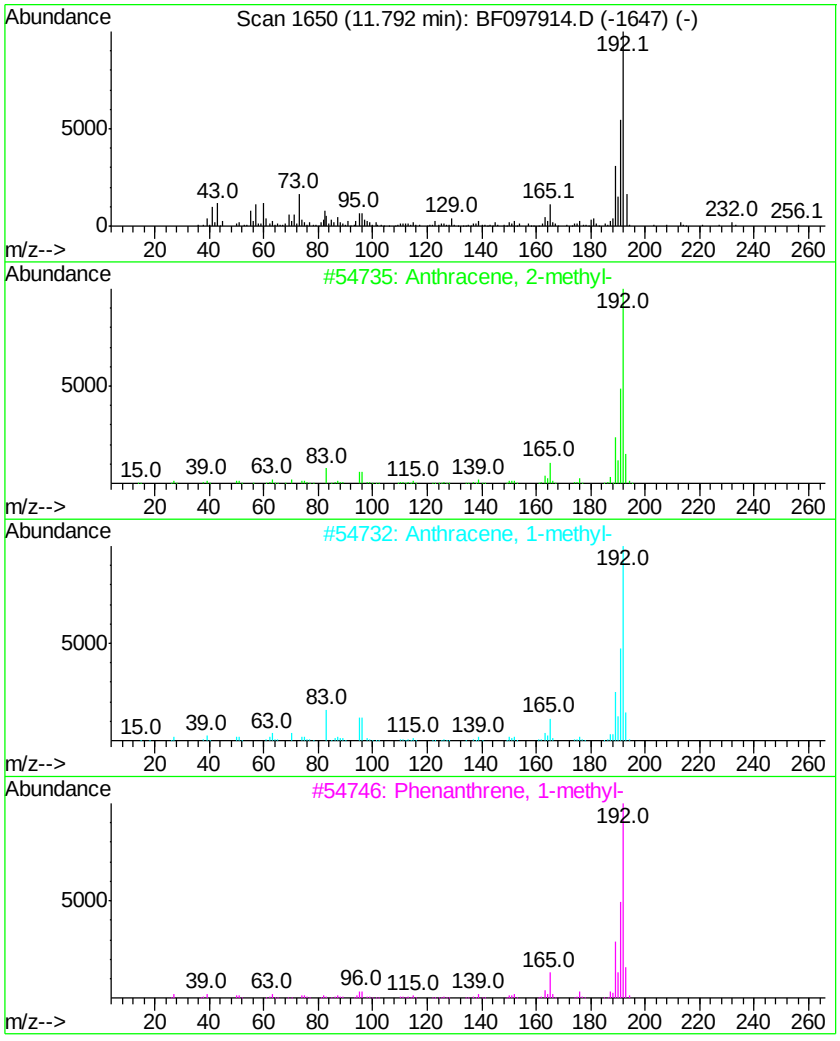
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

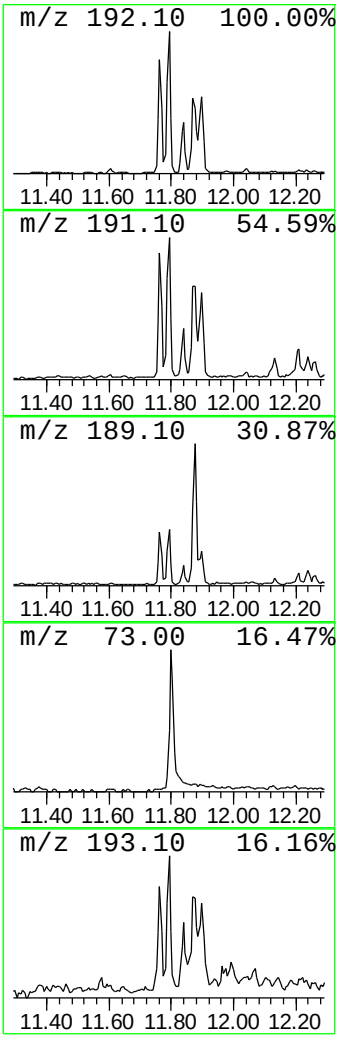
****

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	7.74 ng	364497	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

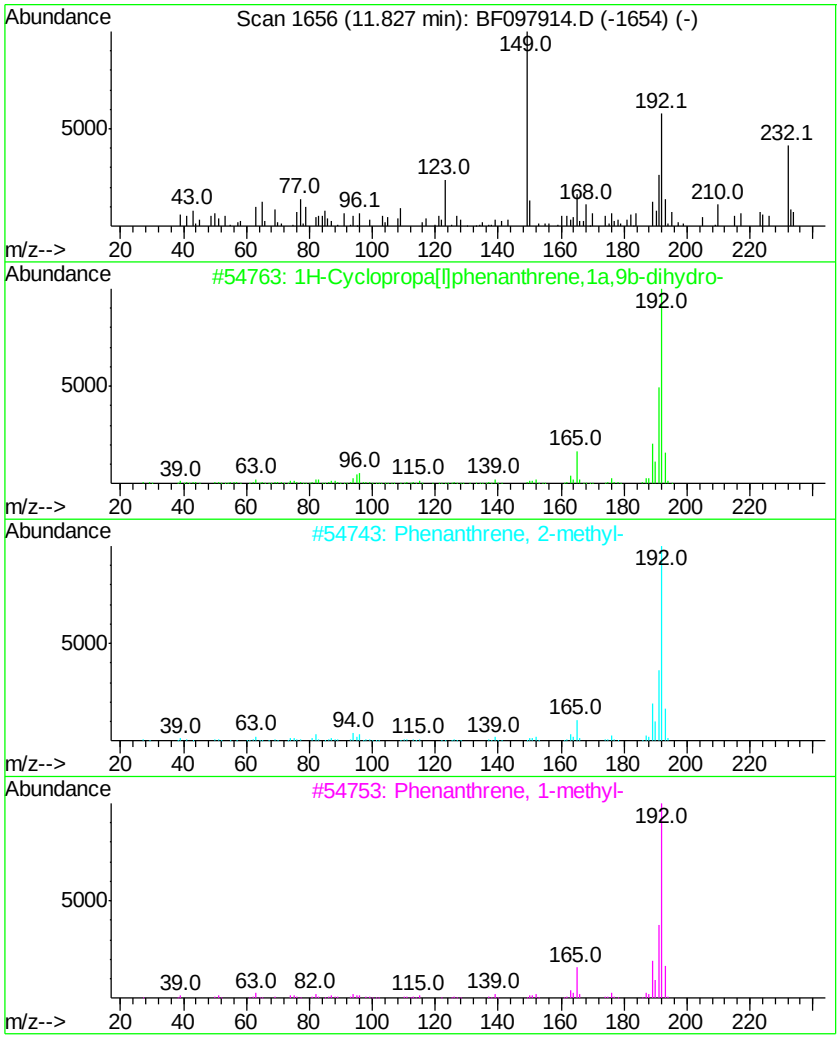
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

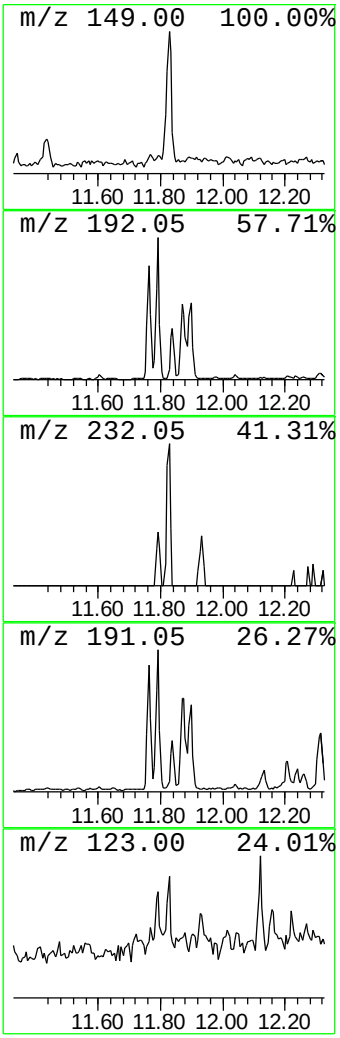
****

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	2.41 ng	113462	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

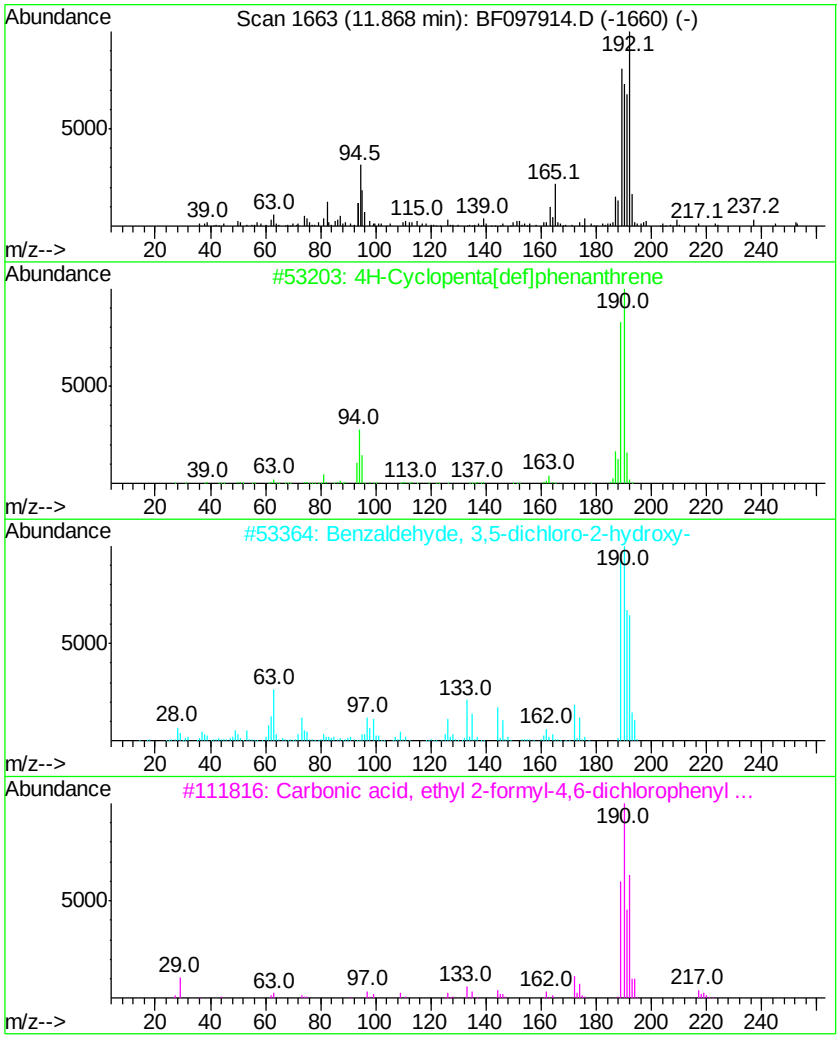
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

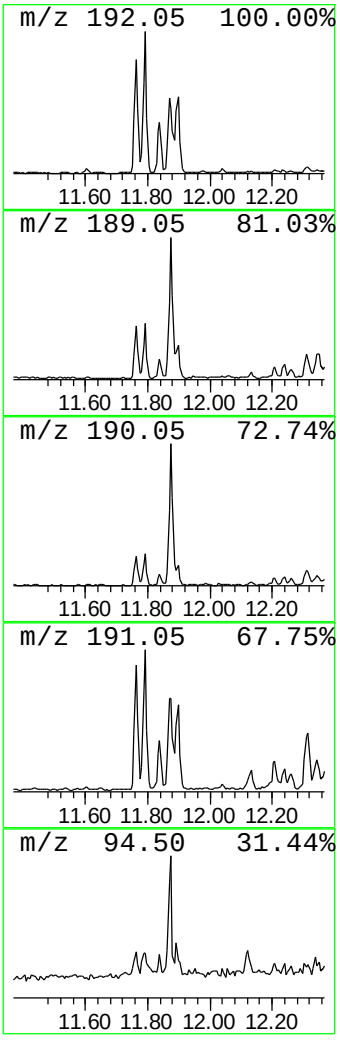
****

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.60 ng	263728	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

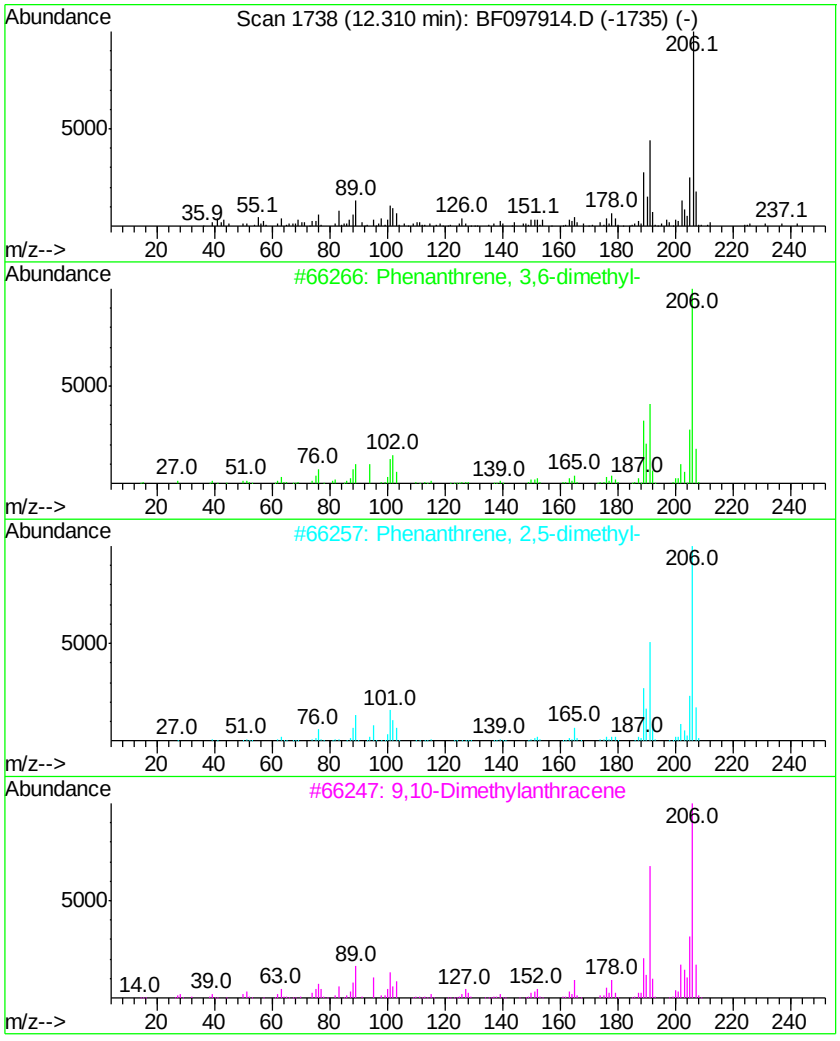
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

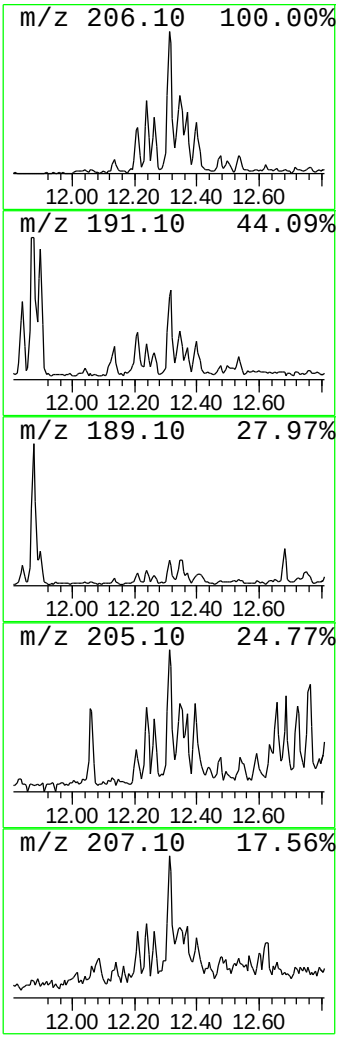
****

Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	2.61 ng	122972	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

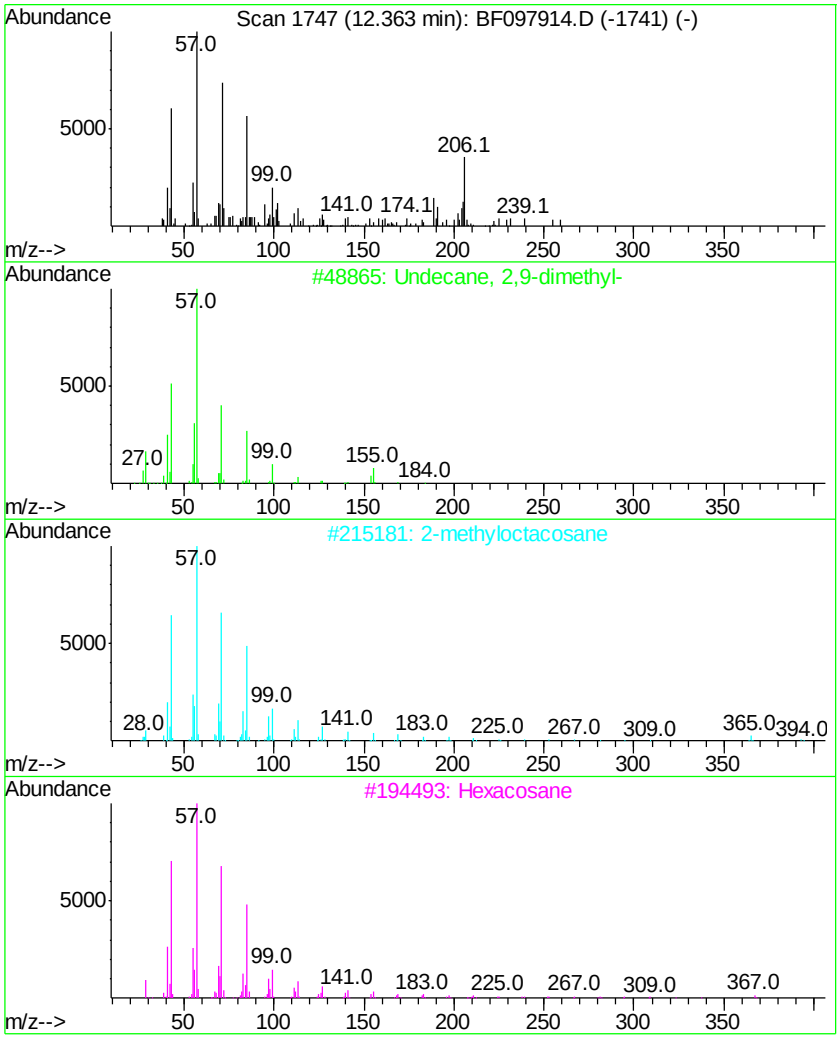
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

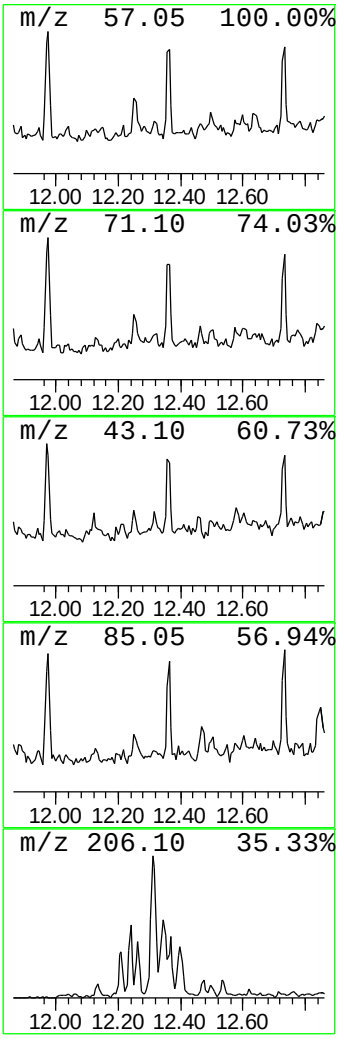
****

Peak Number 14 Undecane, 2,9-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	3.09 ng	145470	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	52
2	2-methyloctacosane	408	C29H60	1000376-72-8	52
3	Hexacosane	366	C26H54	000630-01-3	50
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

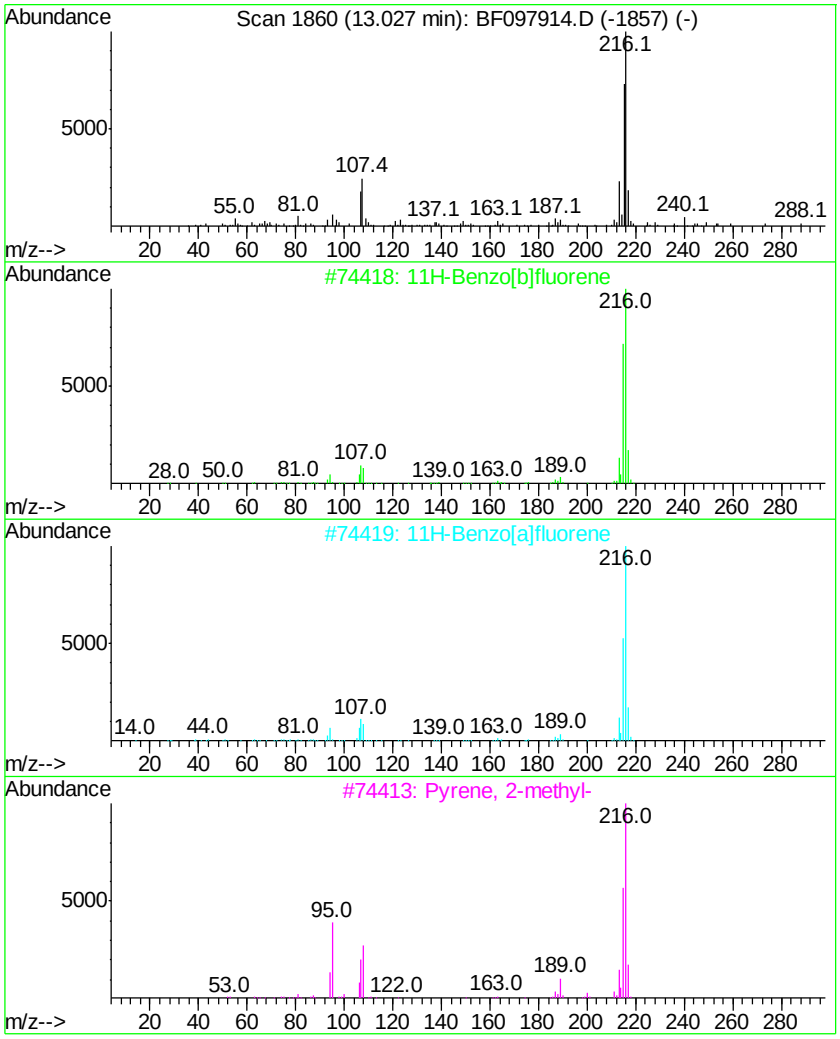
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

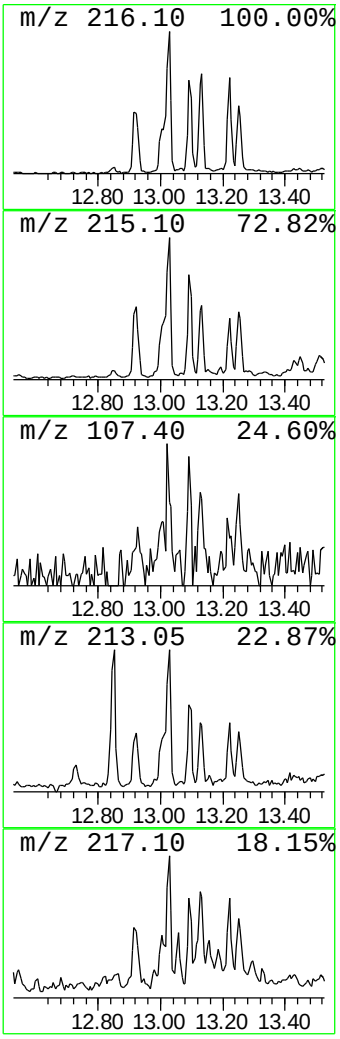
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.23 ng	129574	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

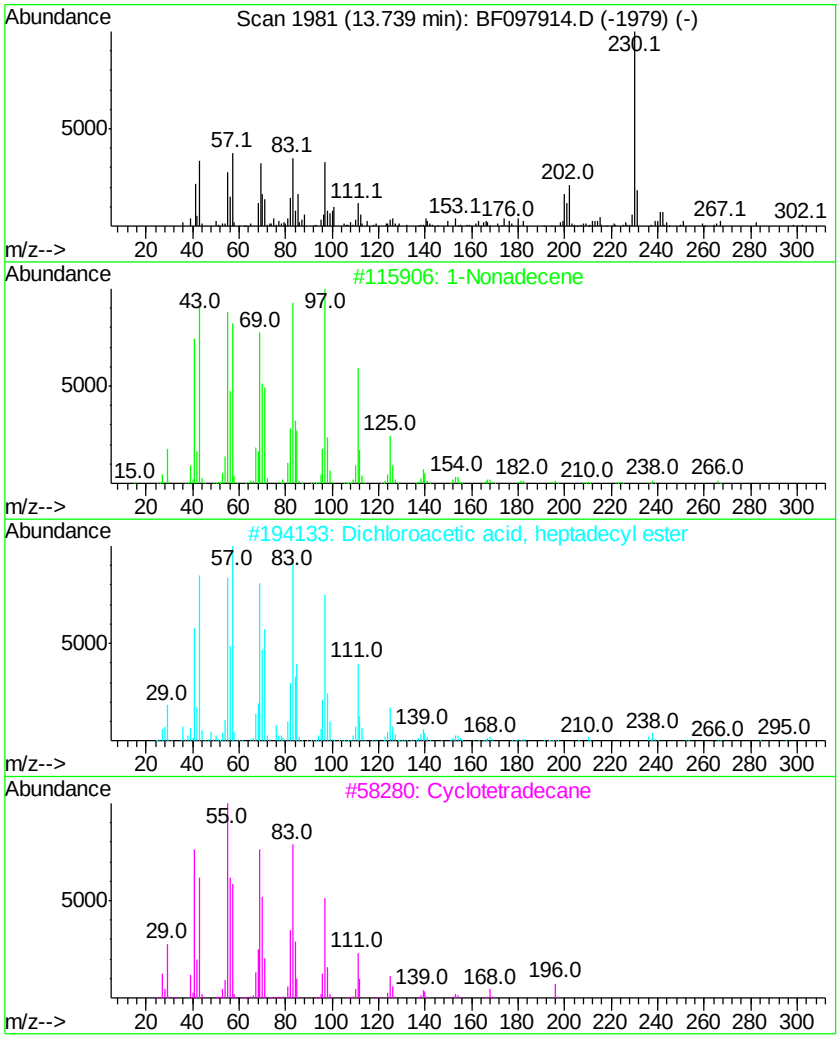
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

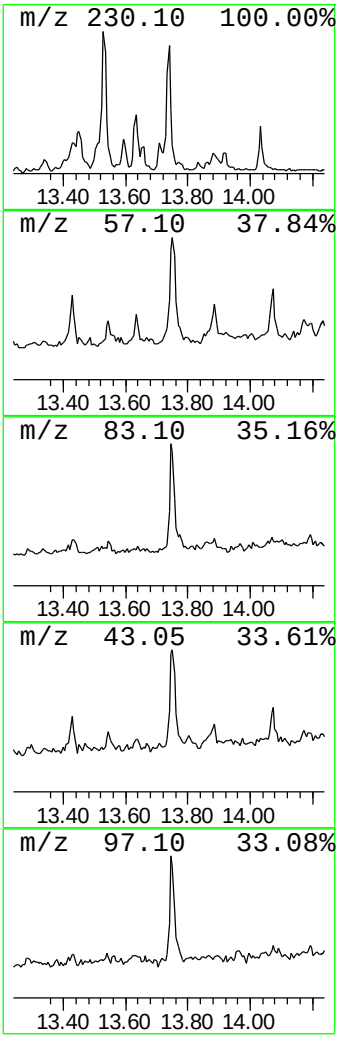
****

Peak Number 16 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.80 ng	278916	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	90
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3	Cyclotetradecane	196	C14H28	000295-17-0	89
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	83
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

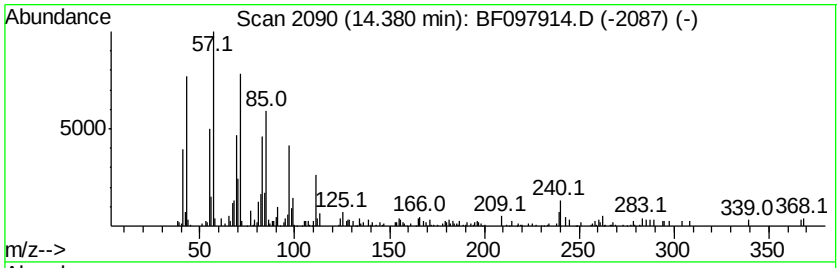
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

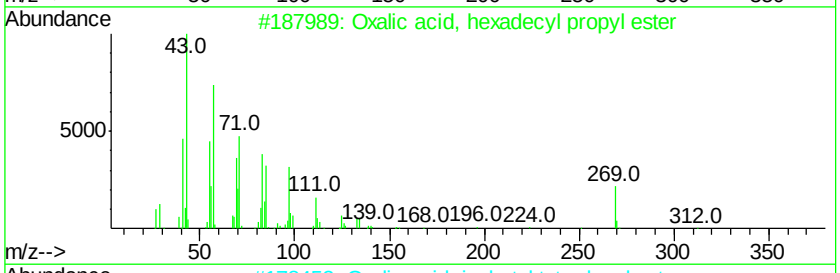
****

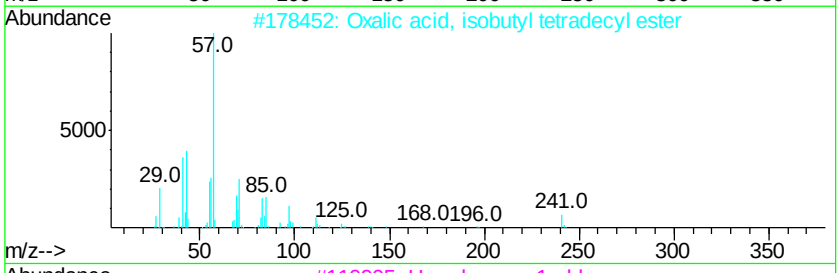
Peak Number 17 Oxalic acid, hexadecyl prop... Concentration Rank 11

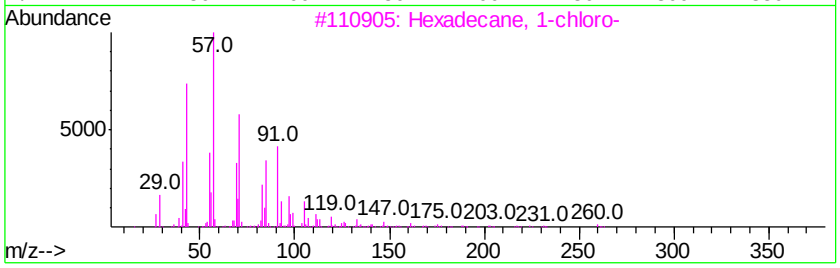
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	3.15 ng	182904	Chrysene-d12	13.89

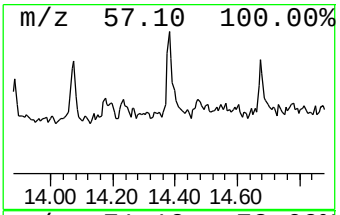
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	72
2	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	52
4	Heptadecane	240	C17H36	000629-78-7	46
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	38

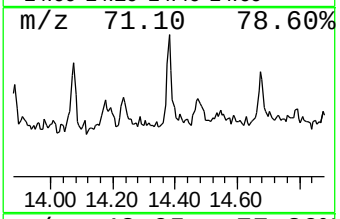


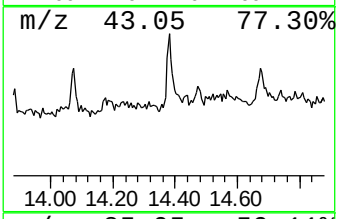


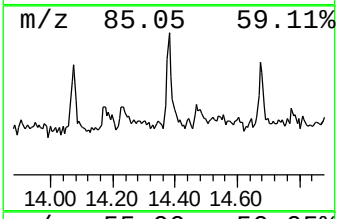


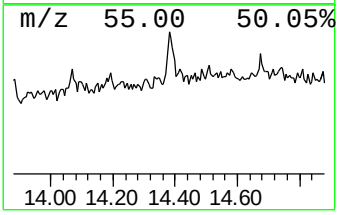












Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

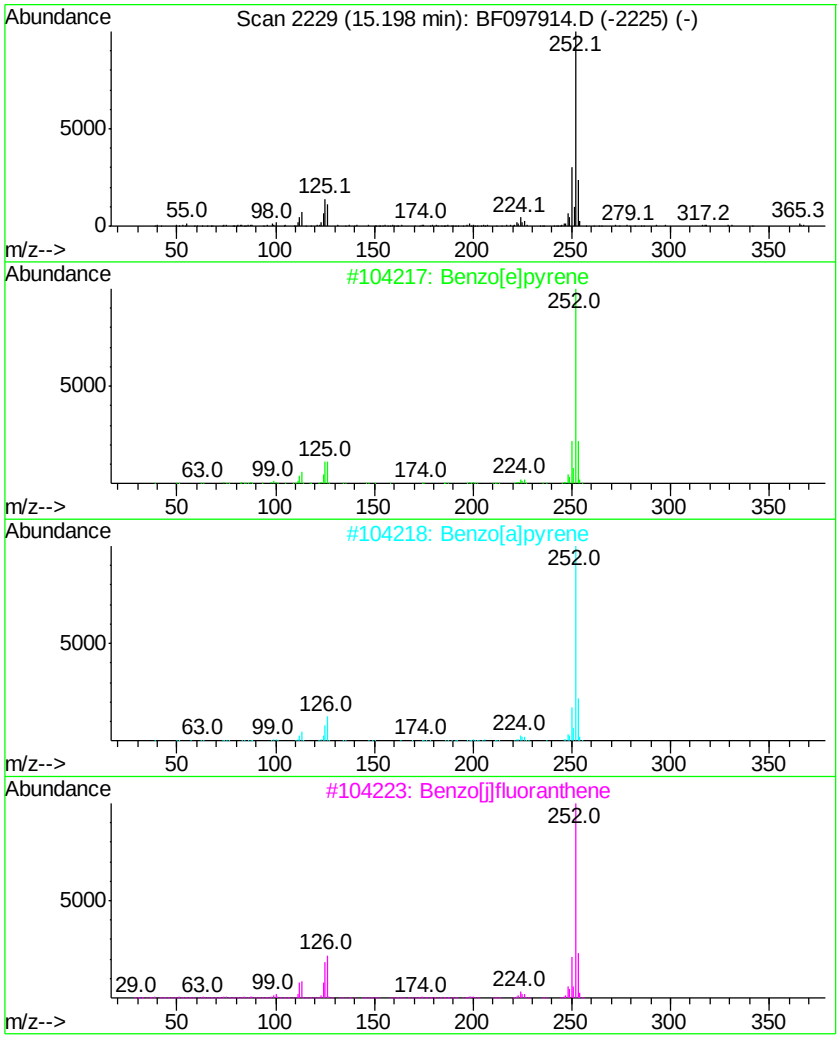
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

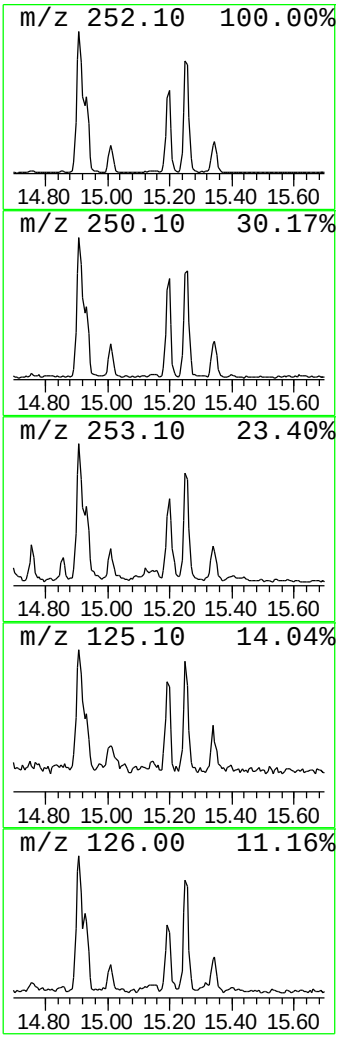
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	7.58 ng	197124	Perylene-d12	15.32

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	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	93





Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

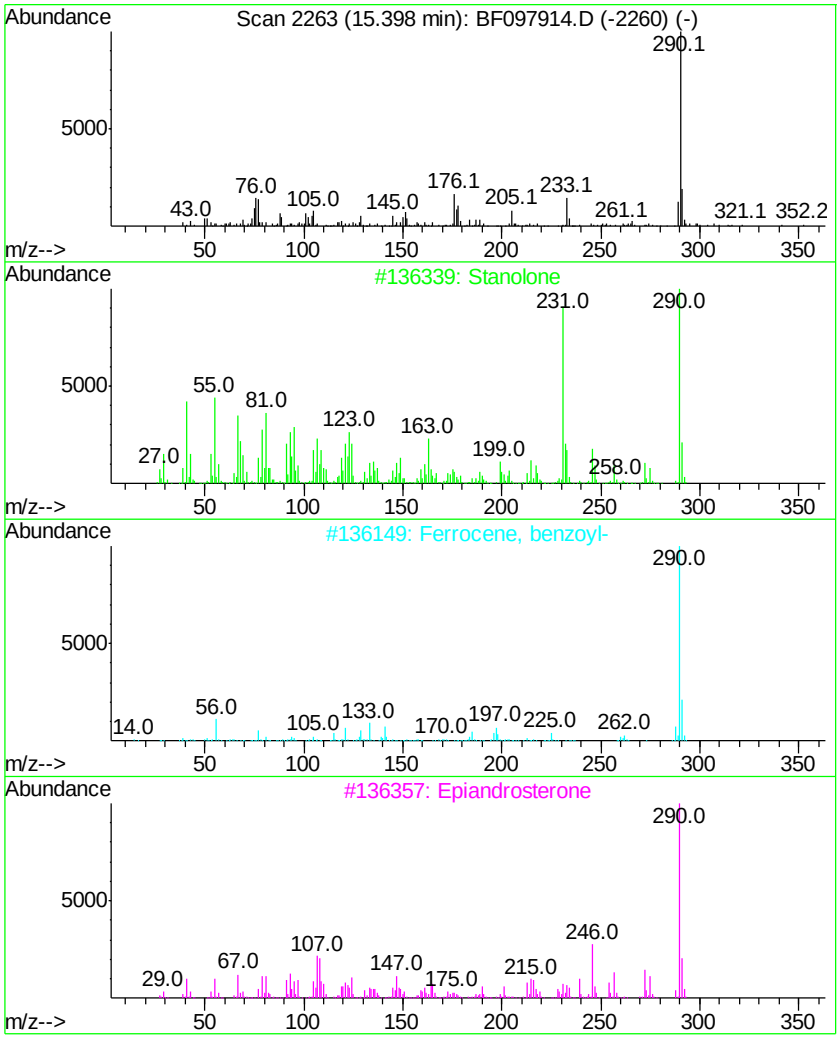
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

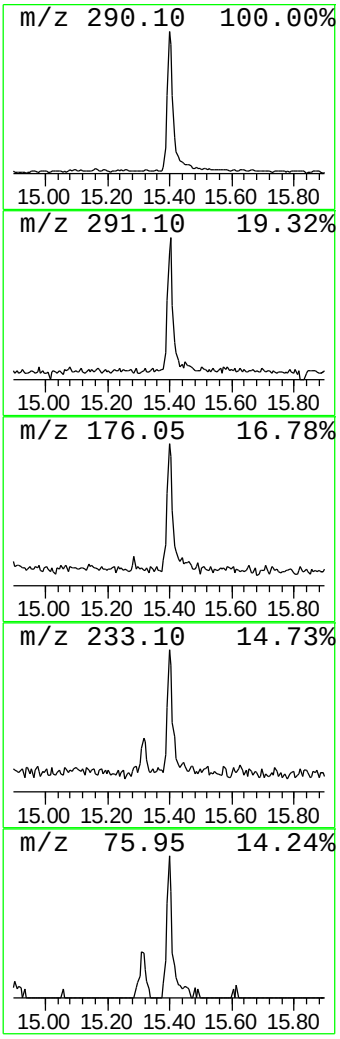
****

Peak Number 19 Stanolone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.40	7.27 ng	188937	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stanolone	290	C19H30O2	000521-18-6	53
2	Ferrocene, benzoyl-	290	C17H14FeO	001272-44-2	50
3	Epiandrosterone	290	C19H30O2	000481-29-8	50
4	1,1':2',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-3	40
5	1,1':4',1''-Terphenyl, 3,3''-dim...	290	C20H18O2	1000327-41-7	40





Library Search Compound Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

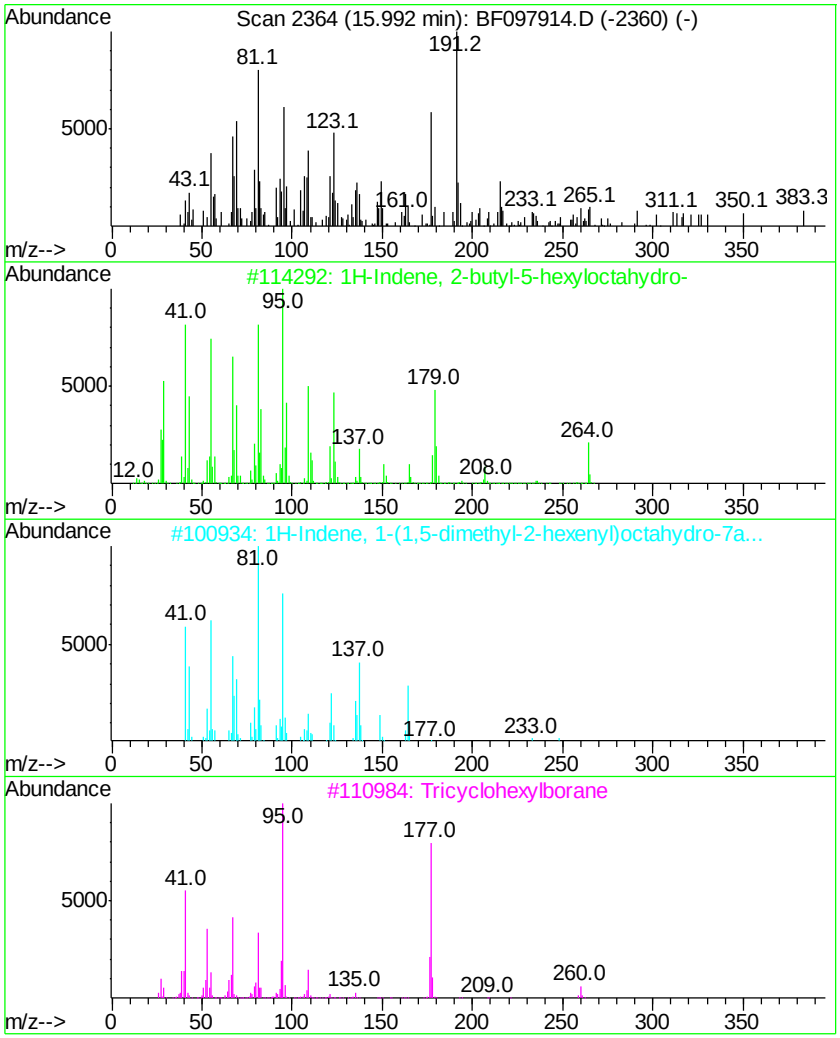
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

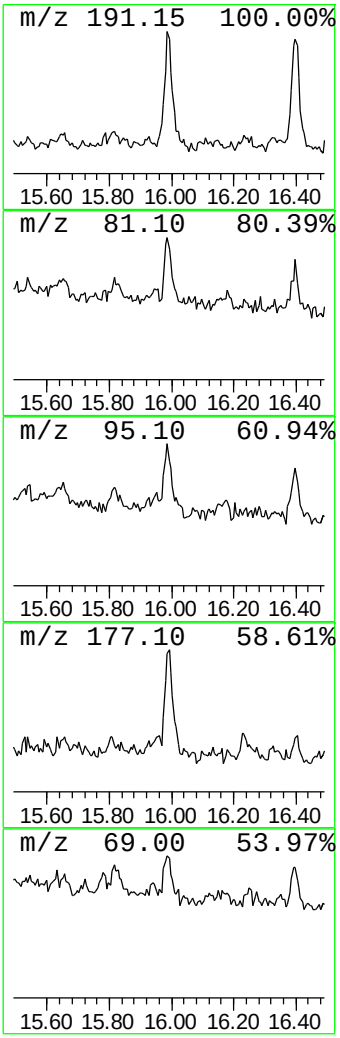
****

Peak Number 20 1H-Indene, 2-butyl-5-hexylo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	9.16 ng	238197	Perylene-d12	15.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-butyl-5-hexyloctahy...	264	C19H36	055044-33-2	78
2	1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	30
3	Tricyclohexylborane	260	C18H33B	001088-01-3	18
4	5-Hexen-1-one, 1-(1H-imidazol-4-...	192	C11H16N2O	069393-41-5	18
5	3a,6-Epoxy-3aH-isoindole, 1,2,3,...	257	C16H19NO2	071840-22-7	15





Tentatively Identified Compound (LSC) summary

Data Path : U:\HPCHEM1\BNA_F\DATA\BF082117\
Data File : BF097914.D
Acq On : 21 Aug 2017 19:23
Operator : SJ/JU
Sample : I4847-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PVSC-A-COMP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.94	12.8	ng	524026	1	6.75	820587	20.0
unknown6.52	6.52	69.5	ng	2852920	1	6.75	820587	20.0
Nonadecane	9.19	2.4	ng	131403	3	9.78	1097550	20.0
[1,1'-Biphenyl]-2...	10.44	2.3	ng	123782	3	9.78	1097550	20.0
Dodecane	10.69	5.3	ng	248156	4	11.26	941492	20.0
Dodecane, 2-methyl-	11.14	2.5	ng	115958	4	11.26	941492	20.0
Anthracene, 1-met...	11.76	2.7	ng	125159	4	11.26	941492	20.0
Anthracene, 2-met...	11.79	7.7	ng	364497	4	11.26	941492	20.0
1H-Cyclopropa[l]p...	11.83	2.4	ng	113462	4	11.26	941492	20.0
4H-Cyclopenta[def...	11.87	5.6	ng	263728	4	11.26	941492	20.0
Phenanthrene, 3,6...	12.31	2.6	ng	122972	4	11.26	941492	20.0
Undecane, 2,9-dim...	12.36	3.1	ng	145470	4	11.26	941492	20.0
11H-Benzo[b]fluorene	13.03	2.2	ng	129574	5	13.89	1162630	20.0
1-Nonadecene	13.74	4.8	ng	278916	5	13.89	1162630	20.0
Oxalic acid, hexa...	14.38	3.1	ng	182904	5	13.89	1162630	20.0
Benzo[e]pyrene	15.20	7.6	ng	197124	6	15.32	520067	20.0
Stanolone	15.40	7.3	ng	188937	6	15.32	520067	20.0
1H-Indene, 2-buty...	15.99	9.2	ng	238197	6	15.32	520067	20.0