LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
Data File : BF118828.D
Acq On : 5 Feb 2020 14:34
Operator : CG/JU
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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	5.434	559	569	573	rBV	3068362	3690348	13.98%	1.260%
2	6.234	699	705	716	rVB2	357284	784400	2.97%	0.268%
3	6.481	734	747	750	rBV2	6683120	13773964	52.17%	4.704%
4	6.557	750	760	764	rVV4	682482	1823711	6.91%	0.623%
5	6.669	771	779	786	rVB3	495055	924616	3.50%	0.316%
6	6.816	801	804	807	rVB	1323994	1157494	4.38%	0.395%
7	6.904	812	819	822	rBV	7341037	10665046	40.39%	3.642%
8	6.975	826	831	833	rVV	4482026	4320846	16.36%	1.476%
9	6.998	833	835	838	rVB	2215329	1665534	6.31%	0.569%
10	7.075	843	848	852	rVB	5279847	5071830	19.21%	1.732%
11	7.175	861	865	869	rBV	736433	757626	2.87%	0.259%
12	7.239	869	876	879	rVV	6606019	10552889	39.97%	3.604%
13	7.381	890	900	905	rBV	3181038	5190324	19.66%	1.773%
14	7.422	905	907	911	rVB	513801	537682	2.04%	0.184%
15	7.522	916	924	930	rBV5	602478	1505115	5.70%	0.514%
16	7.622	937	941	942	rBV2	830791	999059	3.78%	0.341%
17	7.645	942	945	948	rVB	792720	958653	3.63%	0.327%
18	7.775	961	967	971	rVB	1279100	1550620	5.87%	0.530%
19	7.839	972	978	979	rBV	888674	1097538	4.16%	0.375%
20	7.898	981	988	993	rVV2	3677413	7303598	27.66%	2.494%
21	7.957	994	998	1001	rVV4	588199	864676	3.27%	0.295%
22	7.998	1001	1005	1007	rVV5	408884	667082	2.53%	0.228%
23	8.069	1010	1017	1020	rVV3	922297	1940112	7.35%	0.663%
24	8.134	1020	1028	1032	rVV	12437662	26404064	100.00%	9.018%
25	8.175	1032	1035	1038	rVB	3029031	2504301	9.48%	0.855%
26	8.263	1047	1050	1054	rVB	599545	646749	2.45%	0.221%
27	8.369	1065	1068	1070	rVV2	735318	895850	3.39%	0.306%
28	8.398	1071	1073	1075	rVV	787670	653234	2.47%	0.223%
29	8.428	1075	1078	1080	rVV	657227	696417	2.64%	0.238%
30	8.463	1080	1084	1091	rVB2	6277098	8042714	30.46%	2.747%
31	8.610	1106	1109	1114	rVB	1751946	1791075	6.78%	0.612%
32	8.816	1137	1144	1147	rVB	7393831	7890737	29.88%	2.695%
33	8.875	1147	1154	1157	rBV	4956301	6507943	24.65%	2.223%
34	8.910	1157	1160	1164	rVV	5469661	7550809	28.60%	2.579%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.951	1164	1167	1169	rVV	2411721	2393045	9.06%	0.817%
36	8.986	1169	1173	1175	rVV3	396931	512288	1.94%	0.175%
37	9.039	1179	1182	1186	rBV3	490786	611616	2.32%	0.209%
38	9.175	1198	1205	1210	rVB2	6880893	7933056	30.04%	2.709%
39	9.245	1210	1217	1218	rBV	558149	633787	2.40%	0.216%
40	9.275	1218	1222	1224	rVV	2864875	2932704	11.11%	1.002%
41	9.292	1224	1225	1227	rVV	669118	648174	2.45%	0.221%
42	9.316	1227	1229	1233	rVV	1237592	1075551	4.07%	0.367%
43	9.369	1233	1238	1241	rVV	756677	853690	3.23%	0.292%
44	9.433	1241	1249	1253	rVB4	849373	1637617	6.20%	0.559%
45	9.510	1256	1262	1265	rBV	2178658	2864087	10.85%	0.978%
46	9.539	1265	1267	1270	rVV2	1155080	1263366	4.78%	0.431%
47	9.628	1274	1282	1287	rVV	1857310	2486326	9.42%	0.849%
48	9.704	1292	1295	1298	rVB2	1121966	1185626	4.49%	0.405%
49	9.851	1311	1320	1322	rBV2	1967936	2722718	10.31%	0.930%
50	9.892	1322	1327	1329	rVV	9831015	12463206	47.20%	4.256%
51	9.916	1329	1331	1335	rVB	2507753	2261116	8.56%	0.772%
52	9.986	1340	1343	1346	rVV	1412854	1459765	5.53%	0.499%
53	10.063	1349	1356	1361	rVV	7075746	8291980	31.40%	2.832%
54	10.133	1364	1368	1370	rVV2	754539	653081	2.47%	0.223%
55	10.163	1370	1373	1376	rVV3	473358	546592	2.07%	0.187%
56	10.404	1409	1414	1417	rVB	7685737	7971972	30.19%	2.723%
57	10.463	1417	1424	1425	rBV4	673129	890242	3.37%	0.304%
58	10.480	1425	1427	1430	rVB	610249	512865	1.94%	0.175%
59	10.528	1430	1435	1437	rBV3	410123	480551	1.82%	0.164%
60	10.639	1449	1454	1457	rVV2	5163078	5330731	20.19%	1.821%
61	10.675	1457	1460	1465	rVB	1613699	1448487	5.49%	0.495%
62	10.775	1471	1477	1481	rVB4	579995	855048	3.24%	0.292%
63	10.828	1481	1486	1489	rBV2	855562	1076511	4.08%	0.368%
64	10.875	1492	1494	1498	rBV	453476	543400	2.06%	0.186%
65	10.922	1498	1502	1504	rBV3	1572951	1875479	7.10%	0.641%
66	11.010	1513	1517	1520	rBV3	400399	501928	1.90%	0.171%
67	11.227	1549	1554	1558	rVB	1379881	1561983	5.92%	0.533%
68	11.316	1567	1569	1570	rVV	550802	548146	2.08%	0.187%
69	11.333	1570	1572	1574	rVV	2070740	2349008	8.90%	0.802%
70	11.369	1574	1578	1580	rVV	8855434	9834419	37.25%	3.359%
71	11.392	1580	1582	1584	rVV	2012435	1713299	6.49%	0.585%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : TOTE-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
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72	11.410	1584	1585	1588	rVV2	757880	701951	2.66%	0.240%
73	11.445	1588	1591	1594	rVV2	5143299	4933699	18.69%	1.685%
74	11.551	1605	1609	1615	rBV2	5918870	8770607	33.22%	2.995%
75	11.622	1617	1621	1624	rBV2	749640	906566	3.43%	0.310%
76	11.657	1625	1627	1632	rVB	882198	898448	3.40%	0.307%
77	11.710	1632	1636	1639	rBV2	707411	822062	3.11%	0.281%
78	11.798	1648	1651	1653	rVV2	555293	656480	2.49%	0.224%
79	11.827	1653	1656	1659	rVV3	709129	846098	3.20%	0.289%
80	11.874	1659	1664	1668	rVV2	2589852	3762787	14.25%	1.285%
81	11.945	1672	1676	1680	rVV3	1242507	1544895	5.85%	0.528%
82	12.010	1683	1687	1689	rVV3	487337	765292	2.90%	0.261%
83	12.033	1689	1691	1694	rVV2	603729	731169	2.77%	0.250%
84	12.063	1694	1696	1699	rVV3	389124	524759	1.99%	0.179%
85	12.545	1774	1778	1781	rBV	2484742	2562197	9.70%	0.875%
86	12.574	1781	1783	1786	rVV2	630185	804507	3.05%	0.275%
87	12.604	1786	1788	1792	rVV	540475	572224	2.17%	0.195%
88	12.651	1792	1796	1798	rVV	1626955	1611516	6.10%	0.550%
89	12.674	1798	1800	1809	rVV4	1009853	1642412	6.22%	0.561%
90	12.769	1812	1816	1819	rVB	1041070	1071396	4.06%	0.366%
91	12.921	1837	1842	1847	rBV	7982055	8865922	33.58%	3.028%
92	13.074	1863	1868	1871	rBV2	383151	573101	2.17%	0.196%
93	13.651	1962	1966	1969	rBV2	553110	625174	2.37%	0.214%
94	13.780	1980	1988	1991	rBV	3928587	5570018	21.10%	1.902%
95	13.816	1991	1994	2002	rVB3	1323496	2084456	7.89%	0.712%
96	13.968	2012	2020	2023	rBV2	2003057	2455647	9.30%	0.839%
97	14.439	2097	2100	2106	rVB	486534	547987	2.08%	0.187%
98	14.815	2160	2164	2168	rBV	1117833	1085642	4.11%	0.371%
99	15.074	2204	2208	2217	rVB	516219	711867	2.70%	0.243%
100	15.415	2261	2266	2269	rBV	1402539	1846346	6.99%	0.631%

Sum of corrected areas: 292805341

LSC Report - Integrated Chromatogram

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Acq On : 5 Feb 2020 14:34
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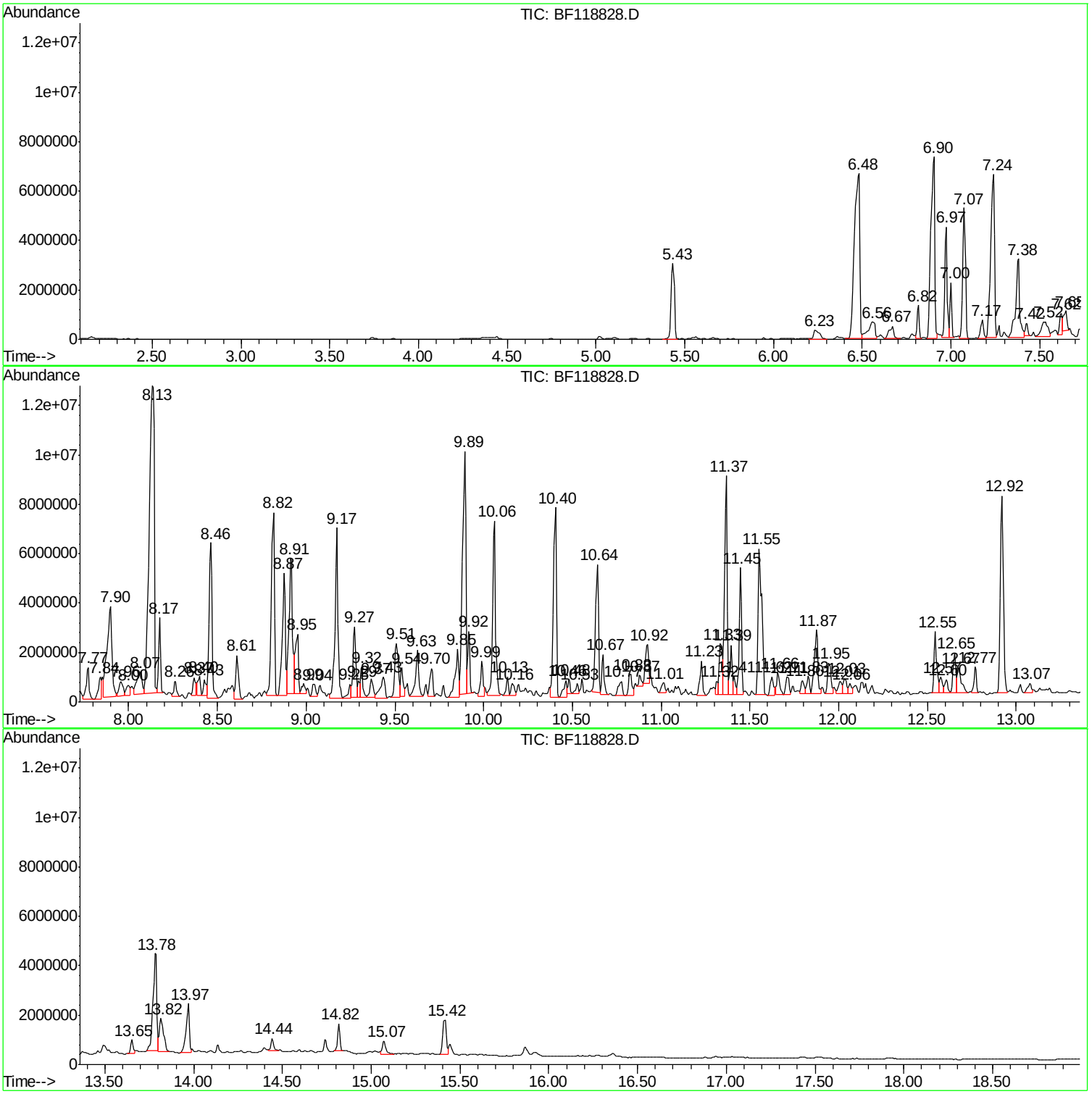
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
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Instrument : BNA_F
ClientSampleId : TOTE-COMP

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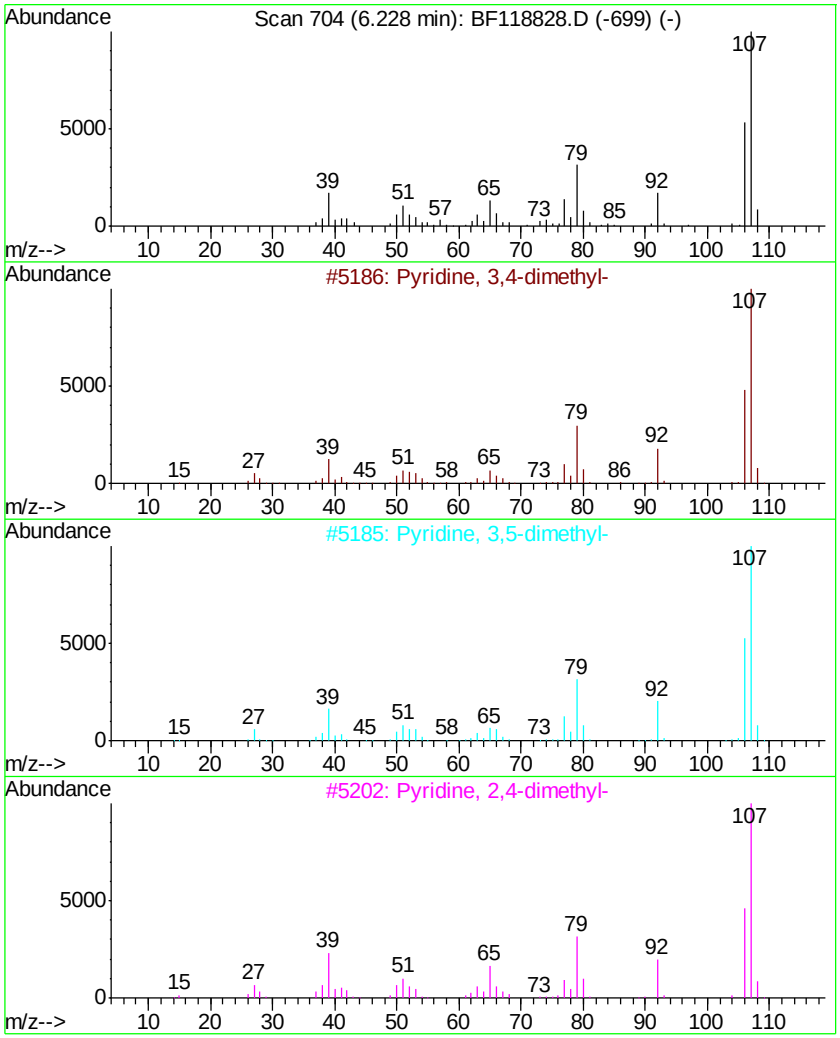
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

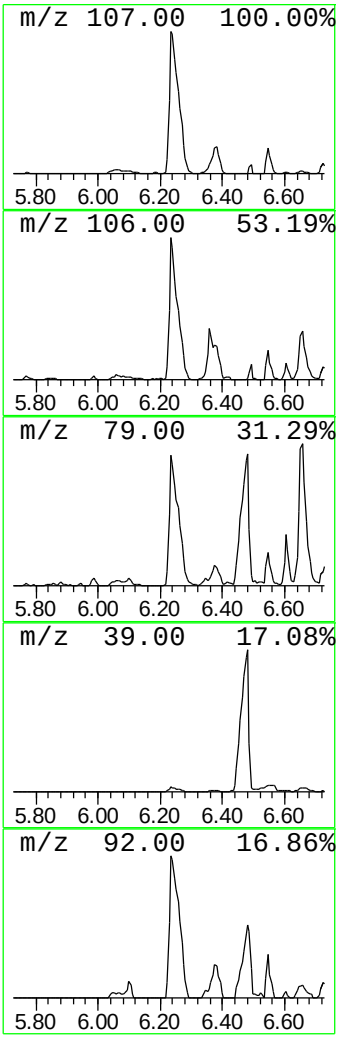
****

Peak Number 1 Pyridine, 3,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	13.55 ng	784400	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyridine, 3,4-dimethyl-	107	C7H9N	000583-58-4	97
2	Pyridine, 3,5-dimethyl-	107	C7H9N	000591-22-0	95
3	Pyridine, 2,4-dimethyl-	107	C7H9N	000108-47-4	95
4	Pyridine, 2,5-dimethyl-	107	C7H9N	000589-93-5	94
5	Pyridine, 2,3-dimethyl-	107	C7H9N	000583-61-9	90





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Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

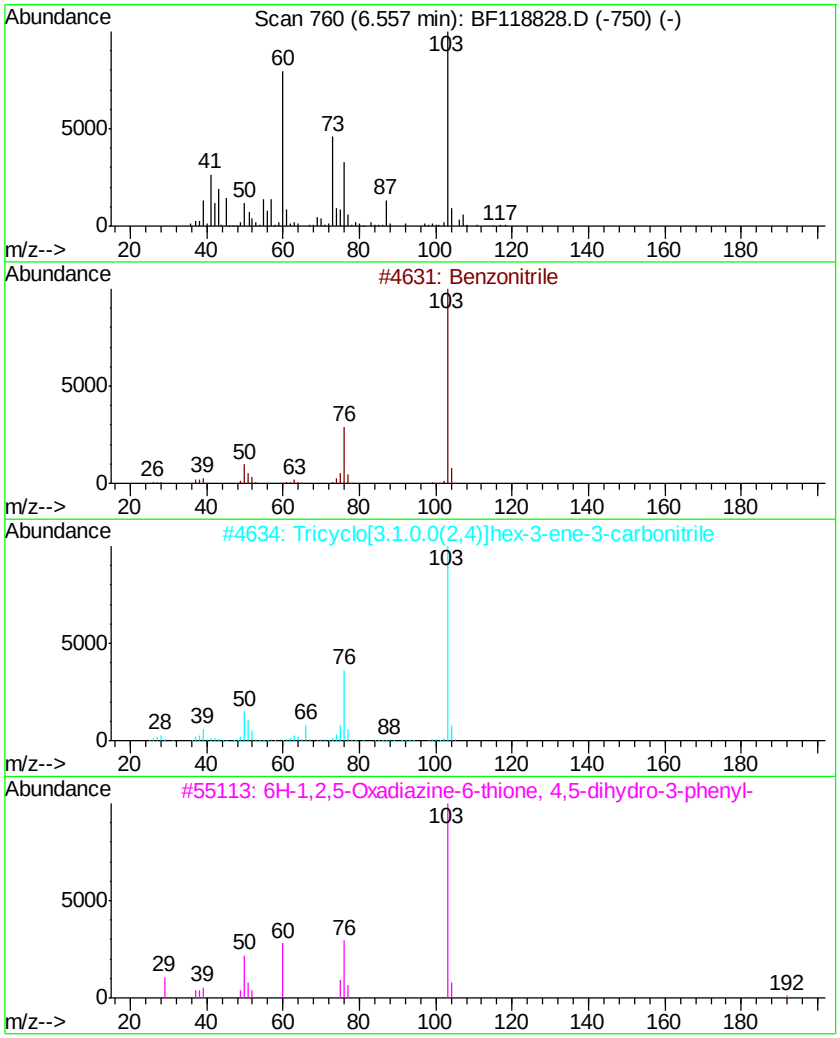
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

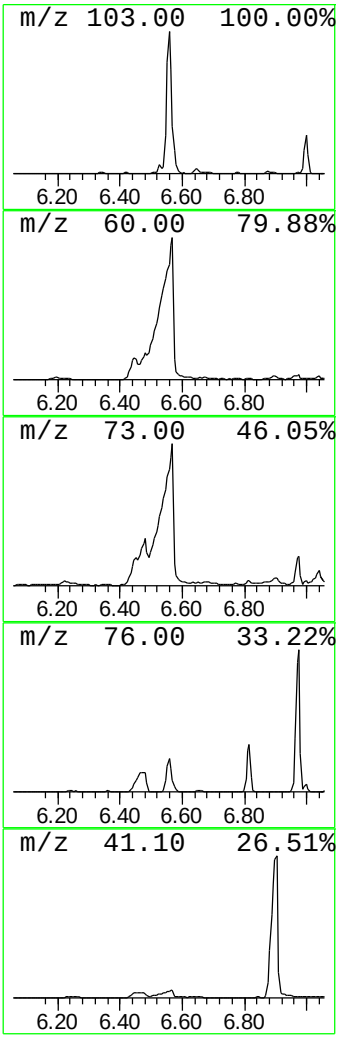
****

Peak Number 2 unknown6.56 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	31.51 ng	1823710	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile	103	C7H5N	000100-47-0	46
2	Tricyclo[3.1.0.0(2,4)]hex-3-ene-...	103	C7H5N	103495-51-8	46
3	6H-1,2,5-Oxadiazine-6-thione, 4,...	192	C9H8N2OS	033406-07-4	43
4	Hexanoic acid	116	C6H12O2	000142-62-1	43
5	Heptanoic acid	130	C7H14O2	000111-14-8	35





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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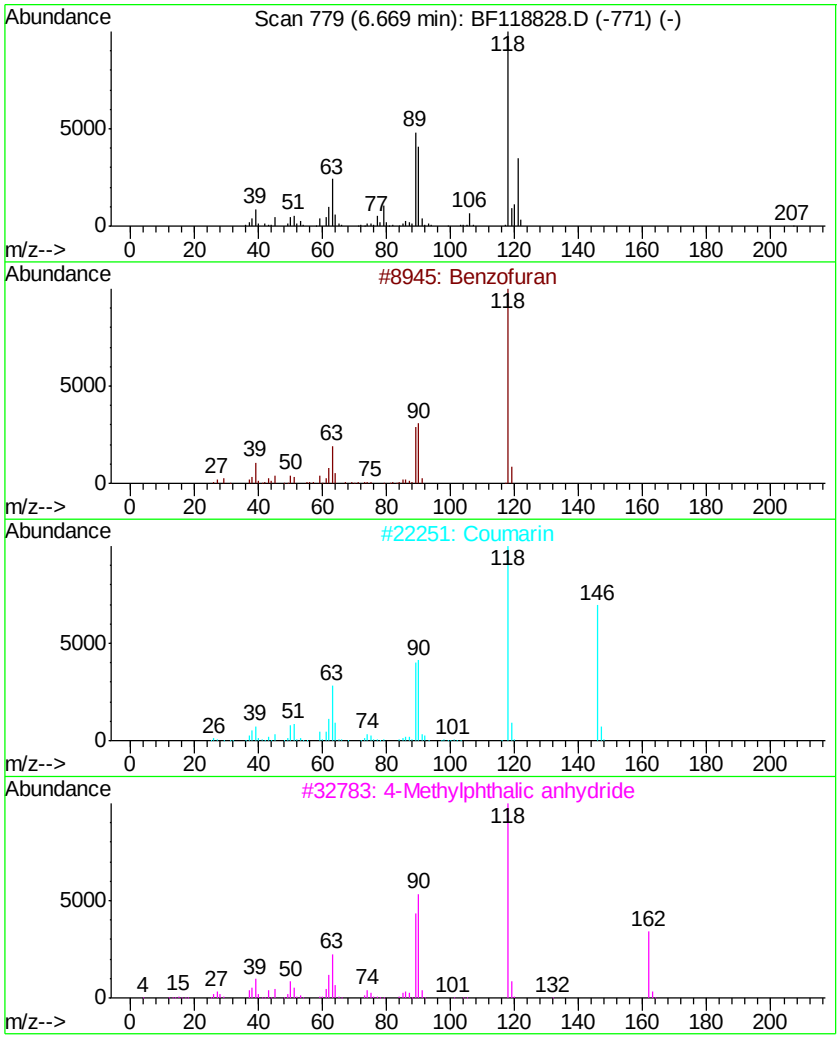
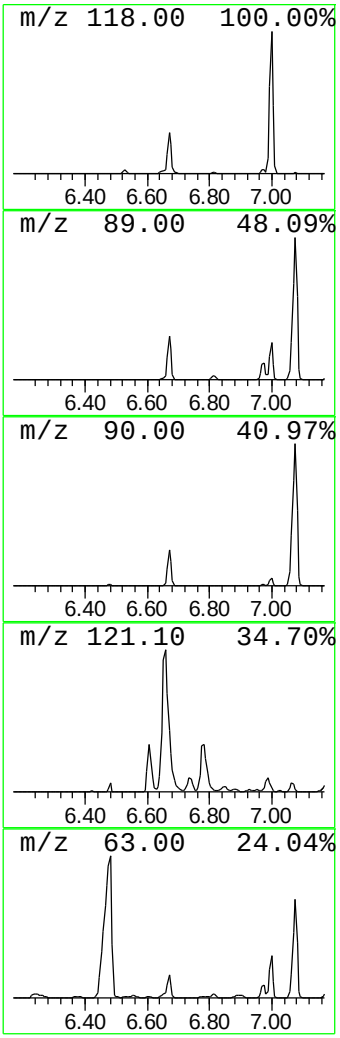
Peak Number 3 Benzofuran Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	15.98 ng	924616	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Coumarin	146	C9H6O2	000091-64-5	80
3	4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	47
4	1H-Pyrrolo[2,3-b]pyridine	118	C7H6N2	000271-63-6	47
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	43





Library Search Compound Report

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Instrument : BNA_F
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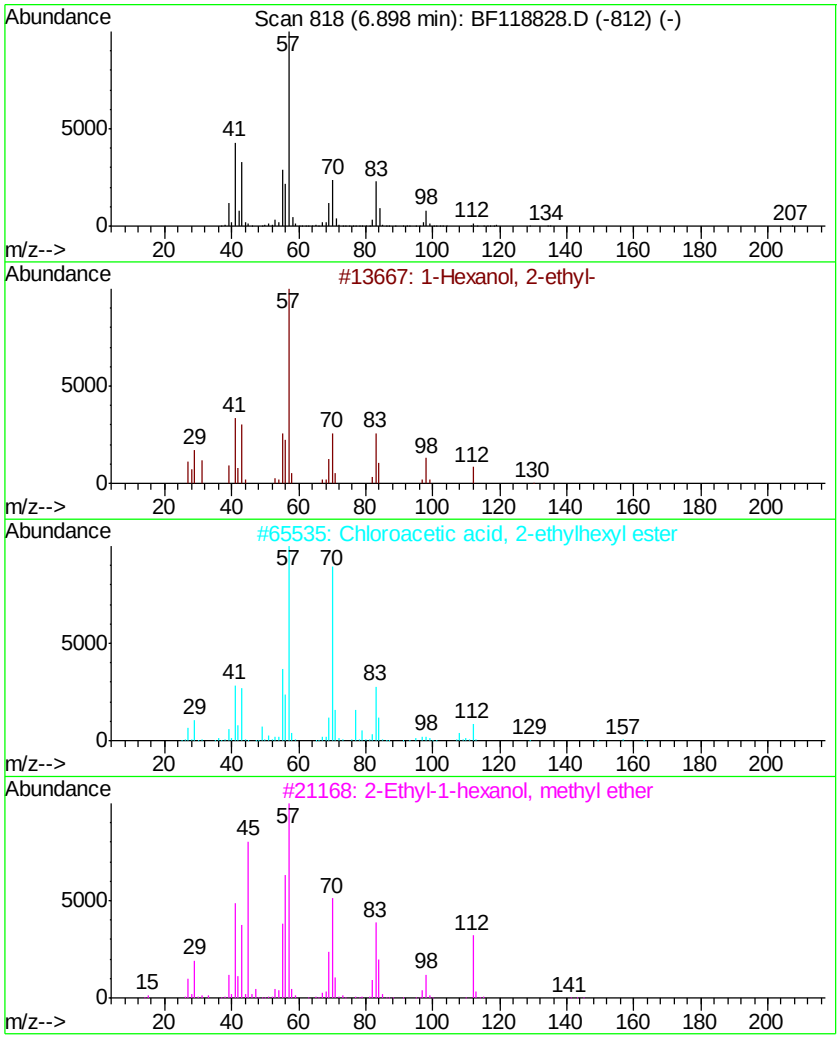
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

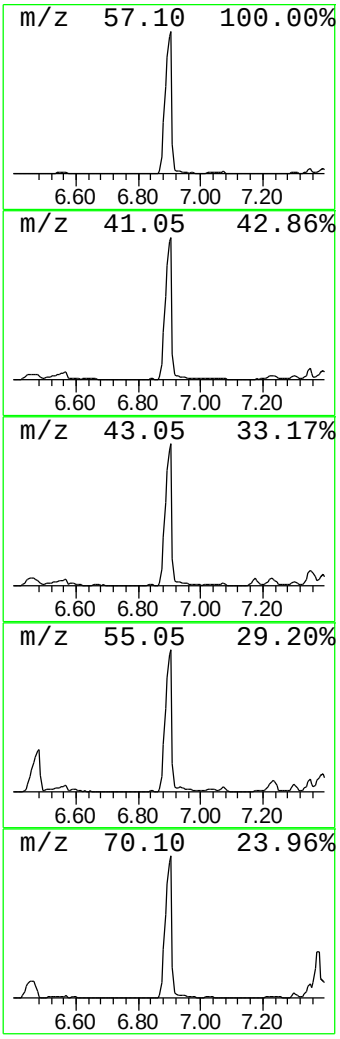
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	184.28 ng	10665000	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
3	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	50
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
5	1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	50





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Misc :
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Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

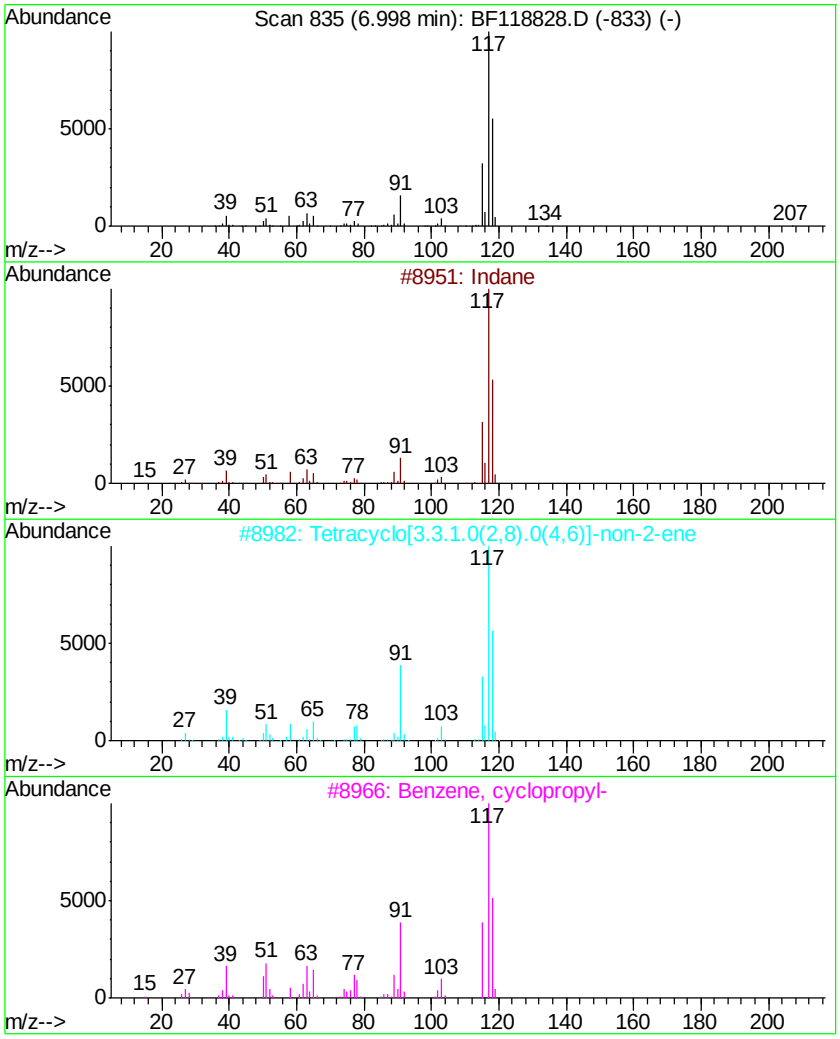
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

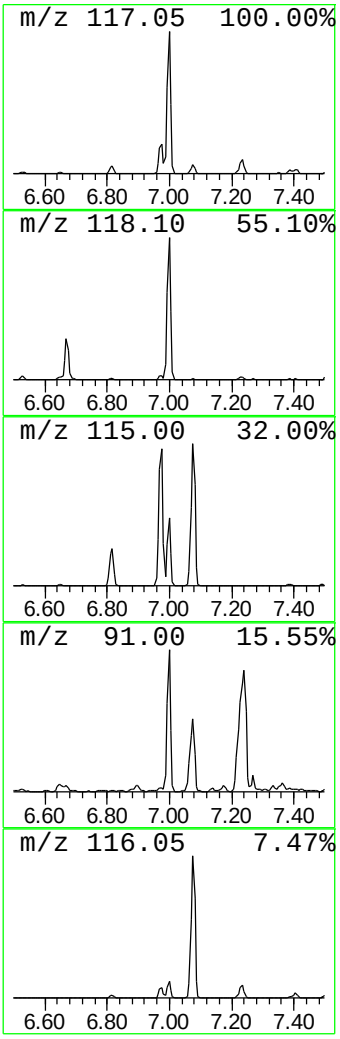
****

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	28.78 ng	1665530	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	64
5	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59





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Operator : CG/JU
Sample : L1388-01
Misc :
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ClientSampleId : TOTE-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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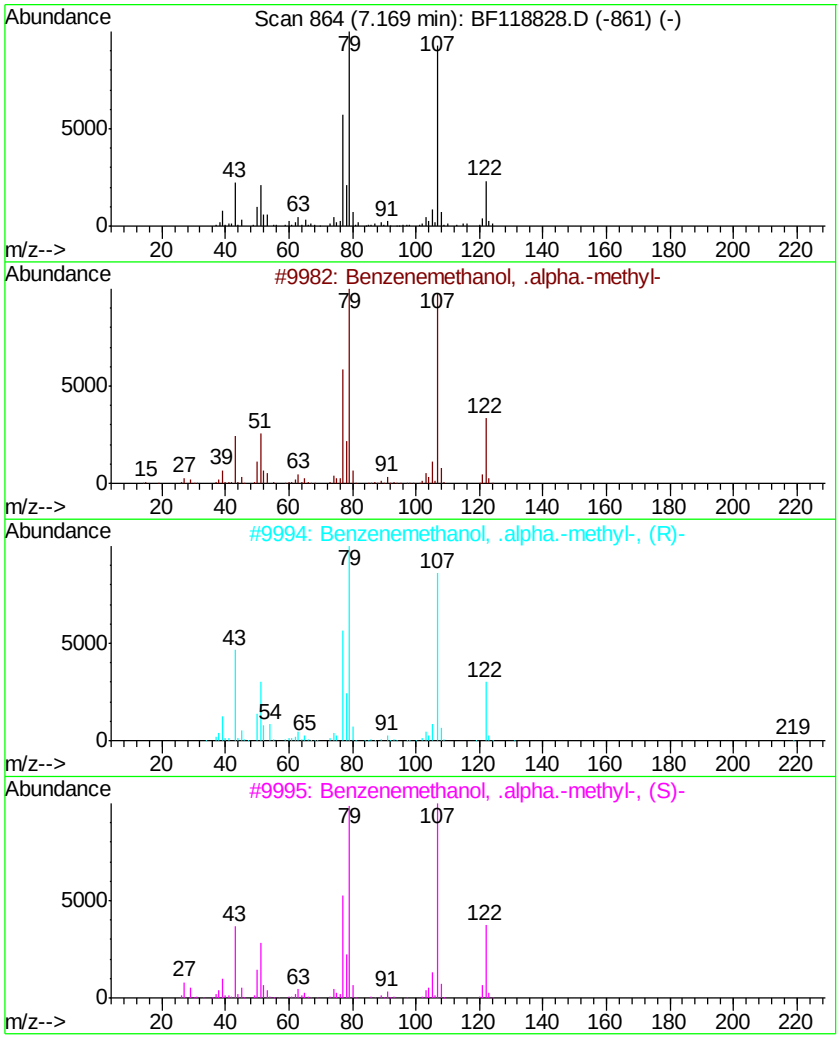
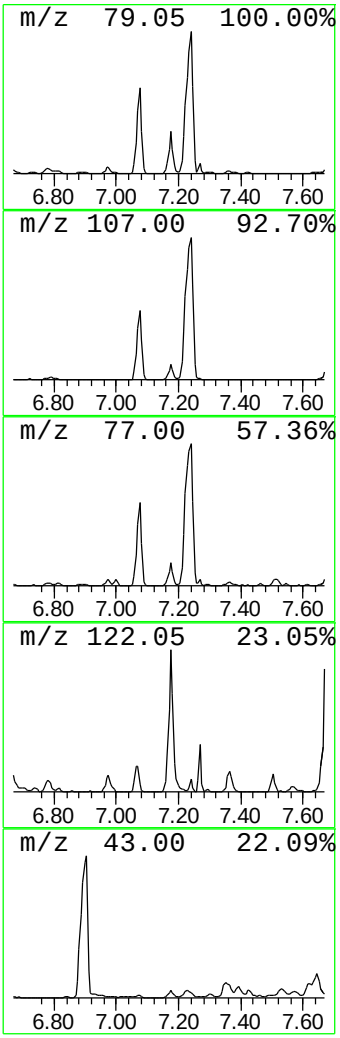
Peak Number 7 Benzenemethanol, .alpha.-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	13.09 ng	757626	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.-methyl-	122	C8H10O	000098-85-1	97
2	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001517-69-7	94
3	Benzenemethanol, .alpha.-methyl-...	122	C8H10O	001445-91-6	94
4	Propionic acid, 2,3-dihydroxy-3-...	182	C9H10O4	1000303-10-7	72
5	2-Pyridinecarboxaldehyde	107	C6H5NO	001121-60-4	49





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ClientSampleId : TOTE-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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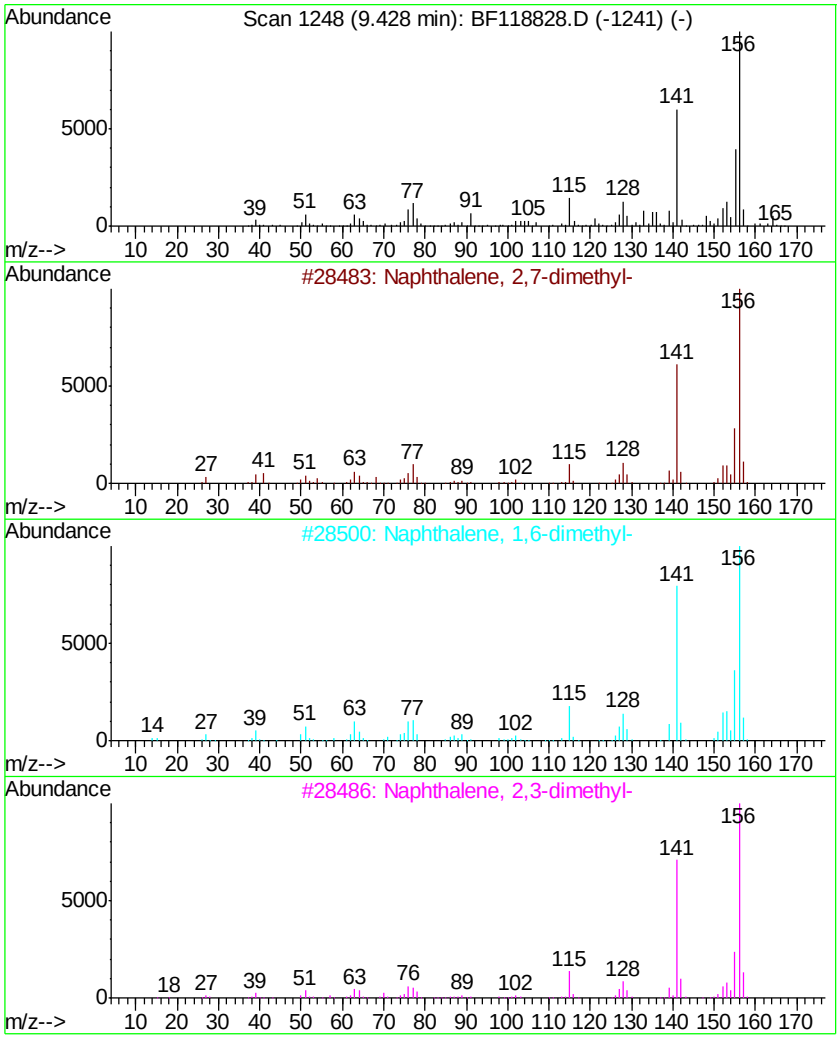
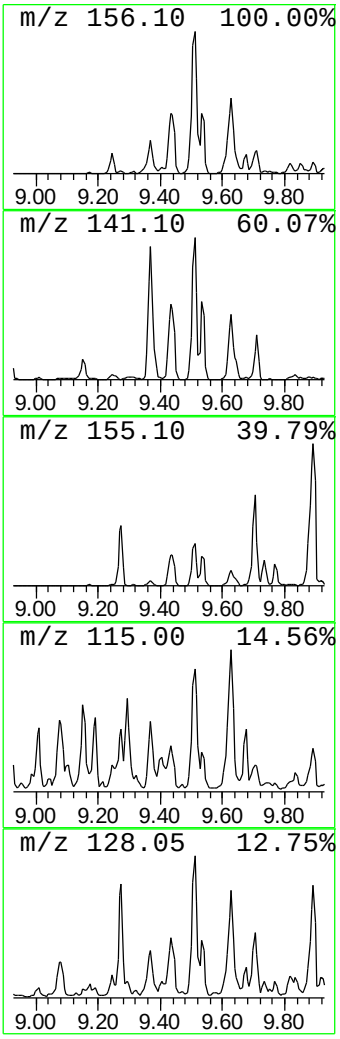
Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	12.03 ng	1637620	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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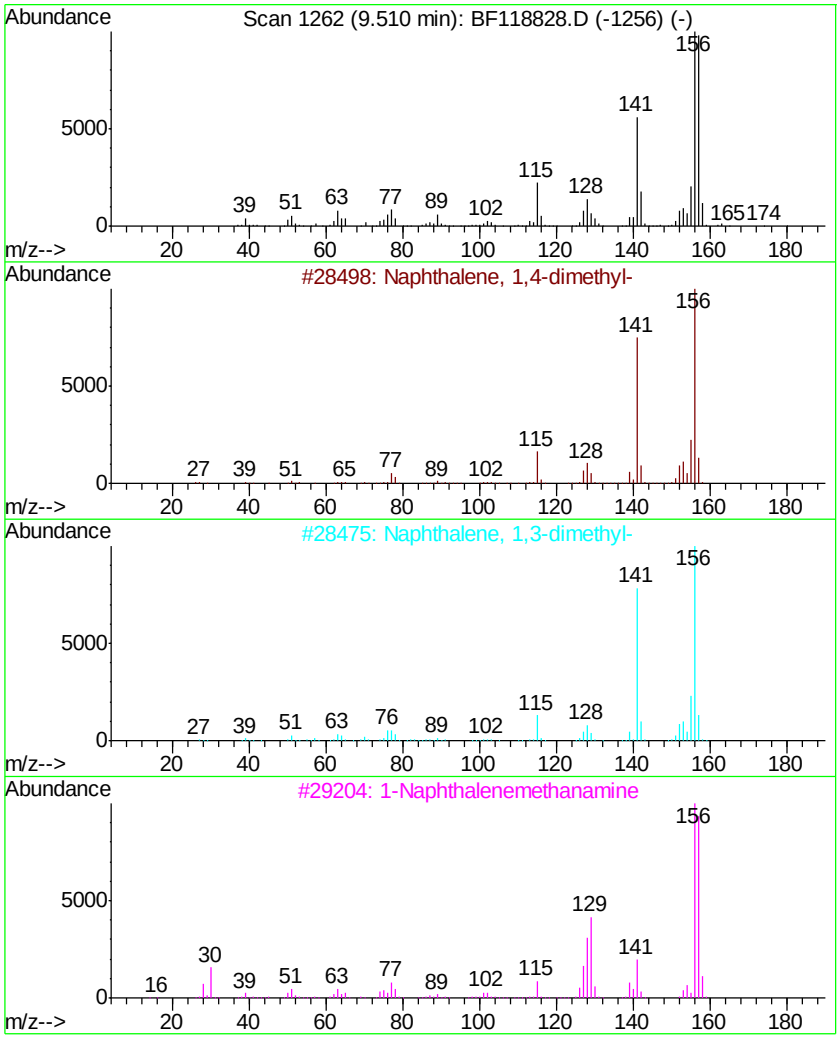
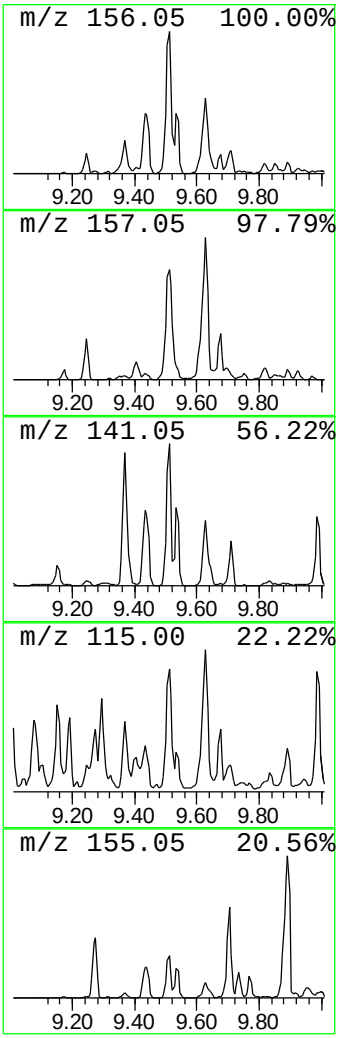
Peak Number 9 Naphthalene, 1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	21.04 ng	2864090	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	86
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
3	1-Naphthalenemethanamine	157	C11H11N	000118-31-0	70
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
5	1H-Pyrrole, 1-(4-methylphenyl)-	157	C11H11N	000827-60-1	62





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ClientSampleId : TOTE-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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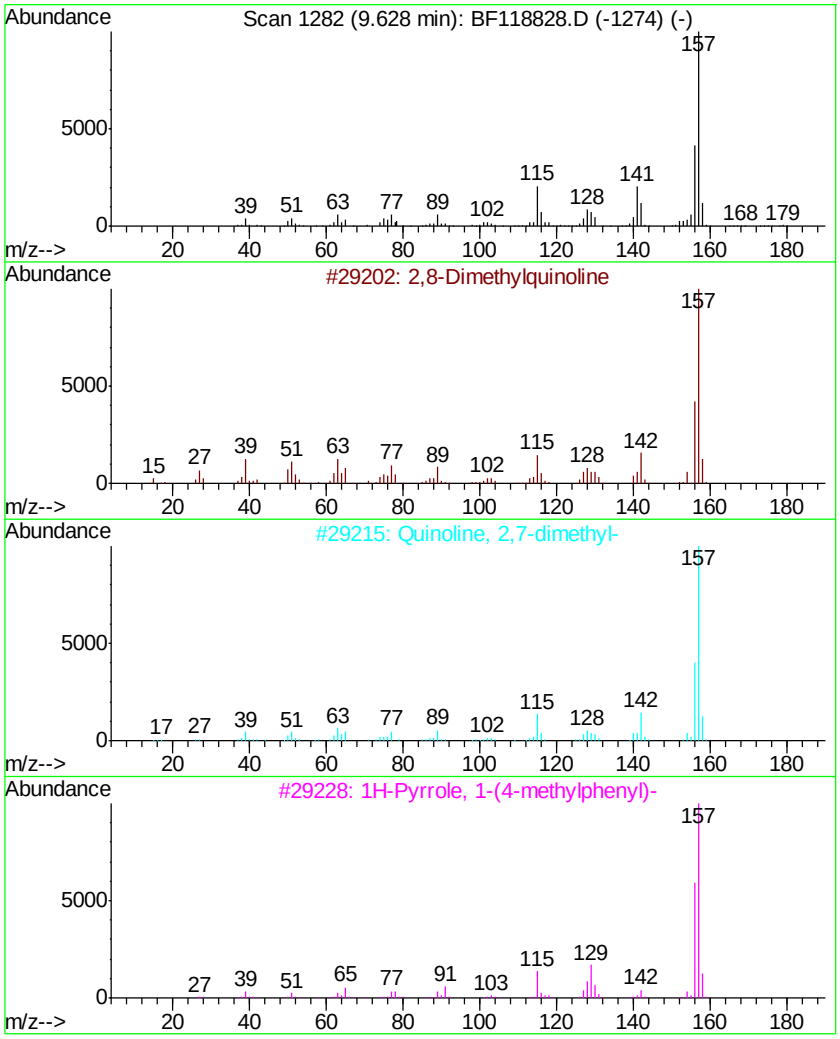
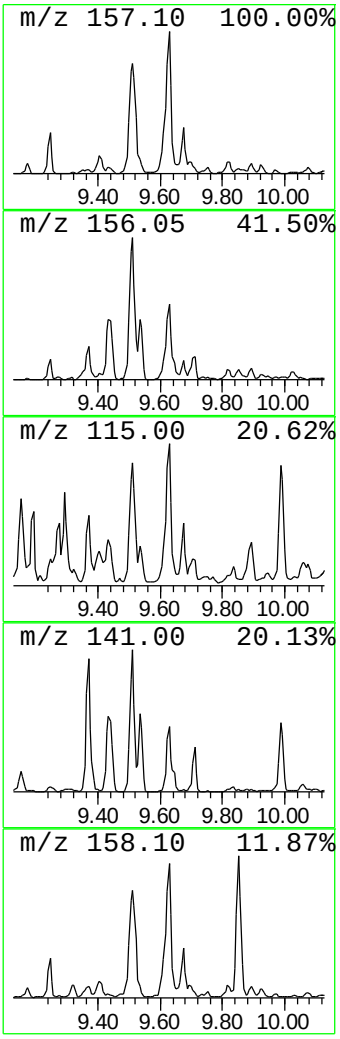
Peak Number 10 2,8-Dimethylquinoline Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	18.26 ng	2486330	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethylquinoline	157	C11H11N	001463-17-8	87
2	Quinoline, 2,7-dimethyl-	157	C11H11N	000093-37-8	81
3	1H-Pyrrole, 1-(4-methylphenyl)-	157	C11H11N	000827-60-1	81
4	Quinoline, 2,6-dimethyl-	157	C11H11N	000877-43-0	74
5	1-Naphthalenamine, N-methyl-	157	C11H11N	002216-68-4	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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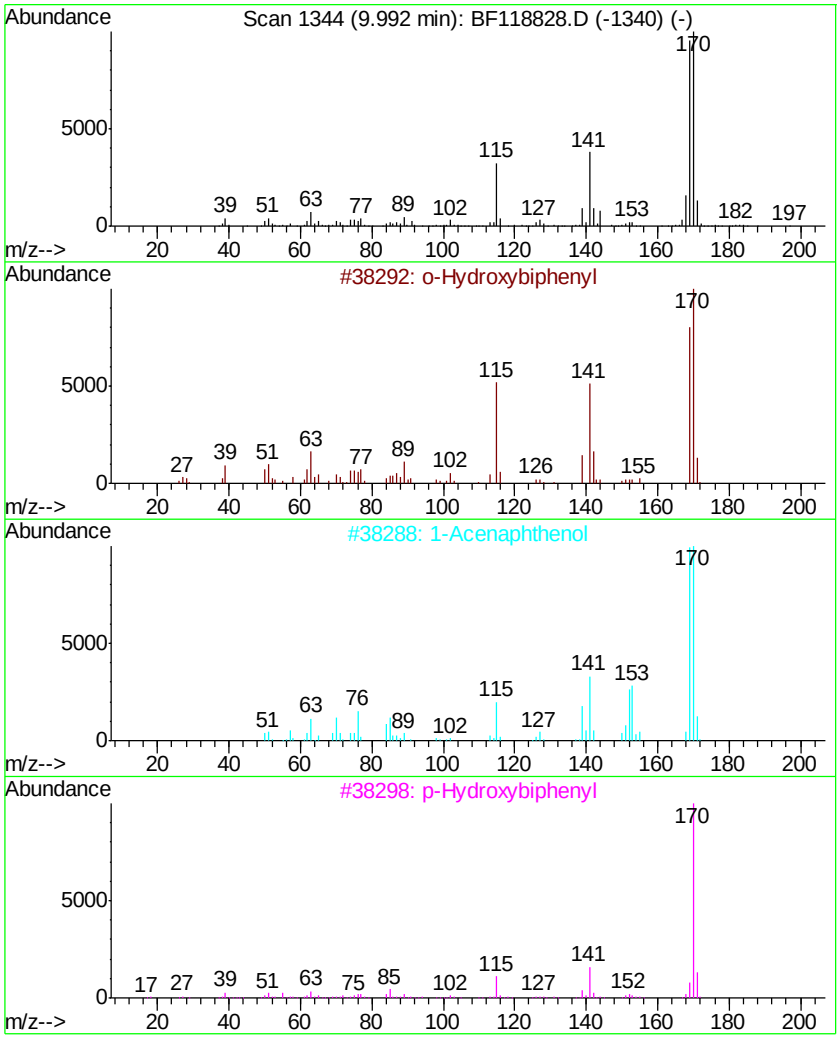
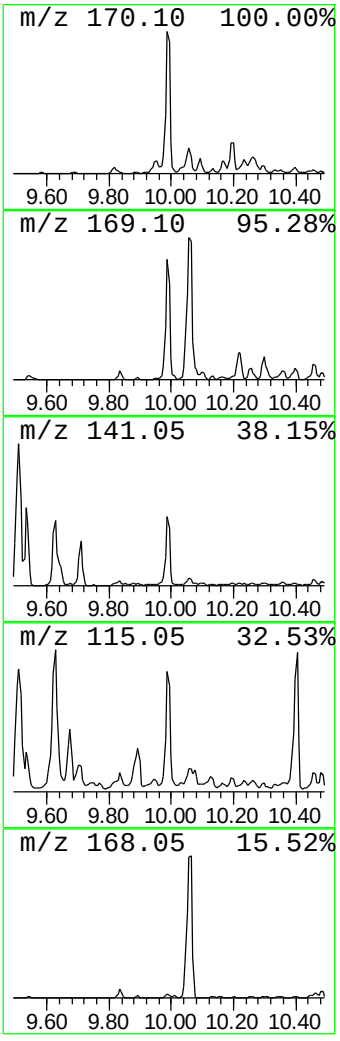
Peak Number 11 o-Hydroxybiphenyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	10.72 ng	1459770	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	95
2	1-Acenaphthenol	170	C12H10O	006306-07-6	64
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	58
4	Pyridine, 2-methyl-5-phenyl-	169	C12H11N	003256-88-0	49
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	46





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

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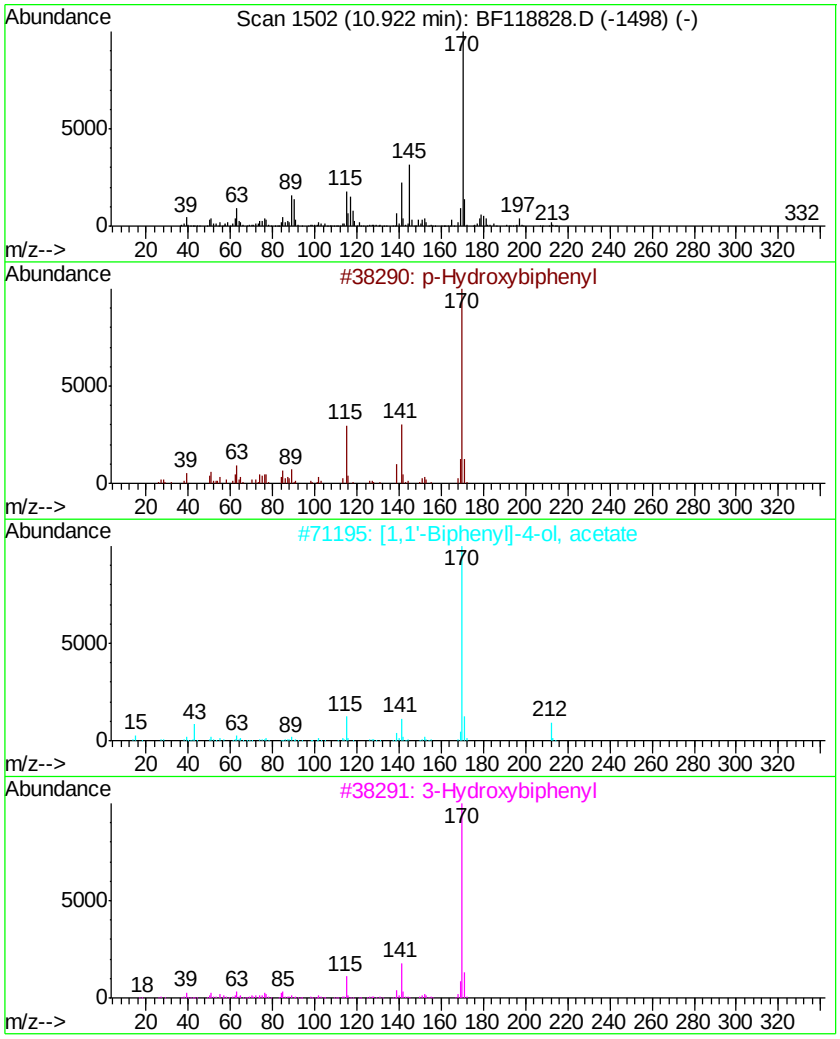
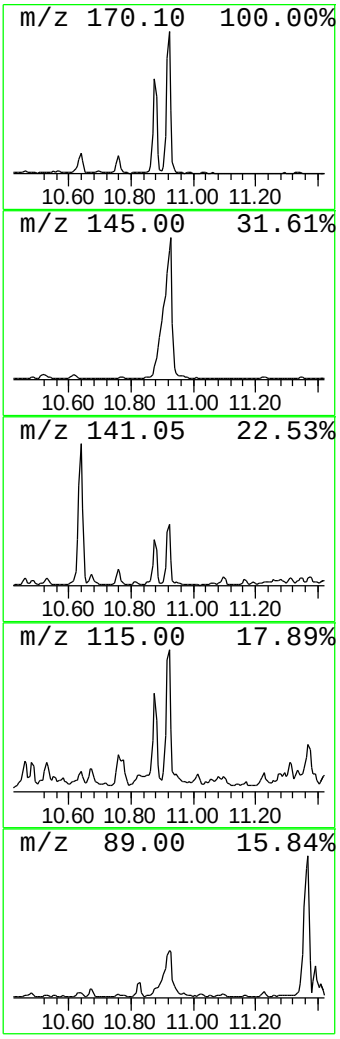
Peak Number 12 p-Hydroxybiphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	15.97 ng	1875480	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	64
2	[1,1'-Biphenyl]-4-ol, acetate	212	C14H12O2	000148-86-7	60
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	58
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	53
5	(O-Tolyl)carbamic acid, biphenyl...	303	C20H17NO2	1000305-20-7	50





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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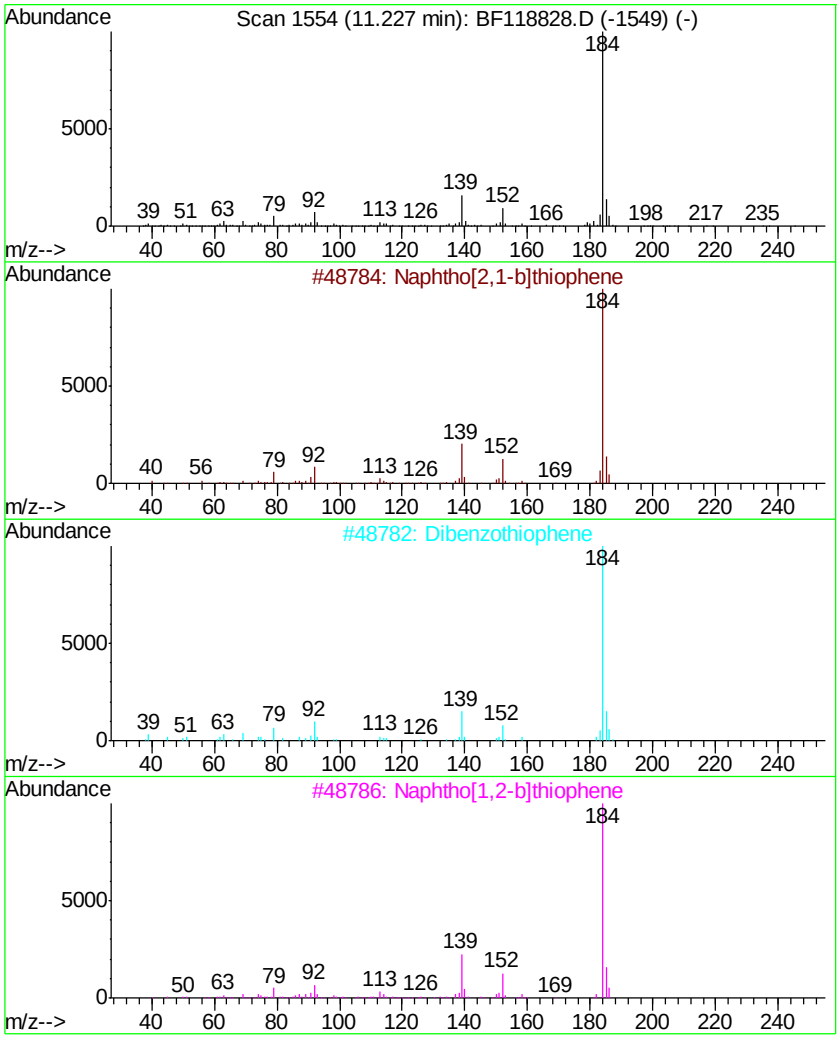
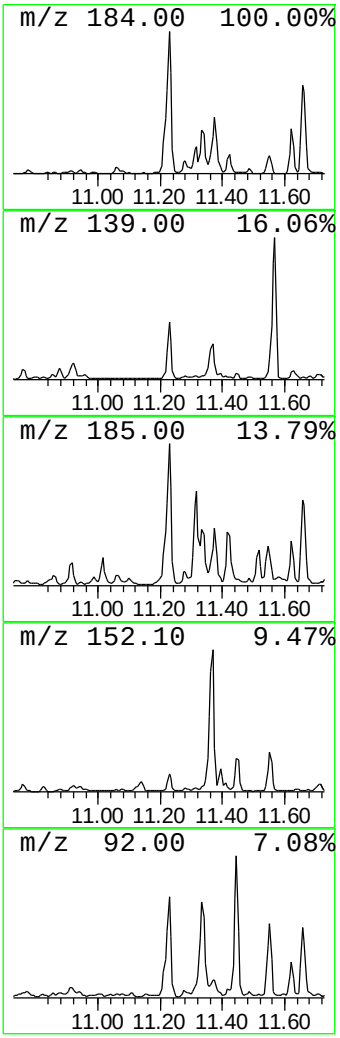
Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	13.30 ng	1561980	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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ClientSampleId : TOTE-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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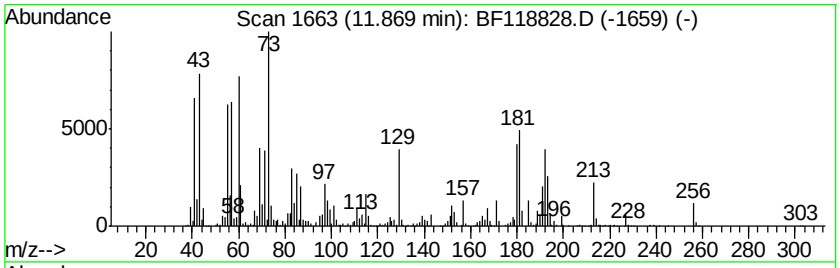
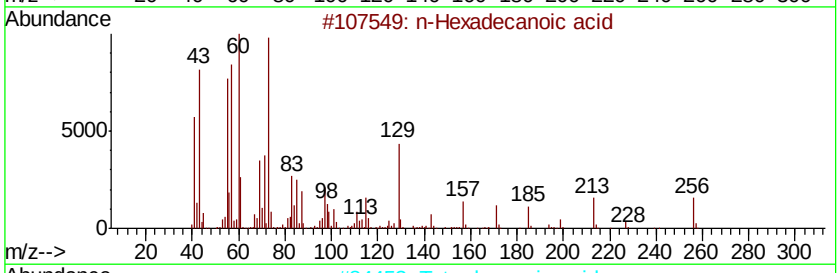
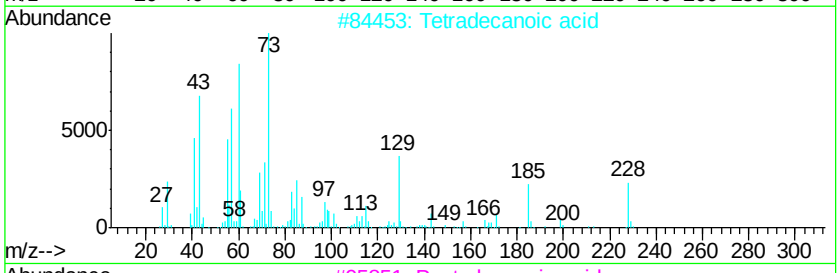
Peak Number 14 n-Hexadecanoic acid Concentration Rank 4

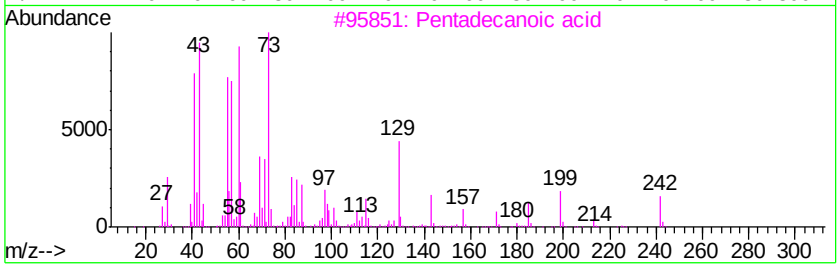
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	32.04 ng	3762790	Phenanthrene-d10	11.33

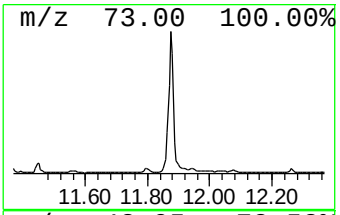
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76

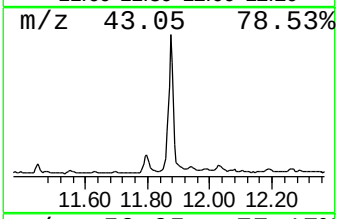


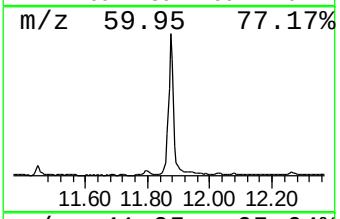


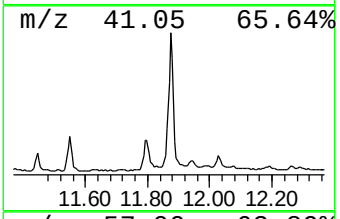


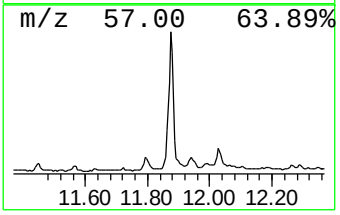












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Misc :
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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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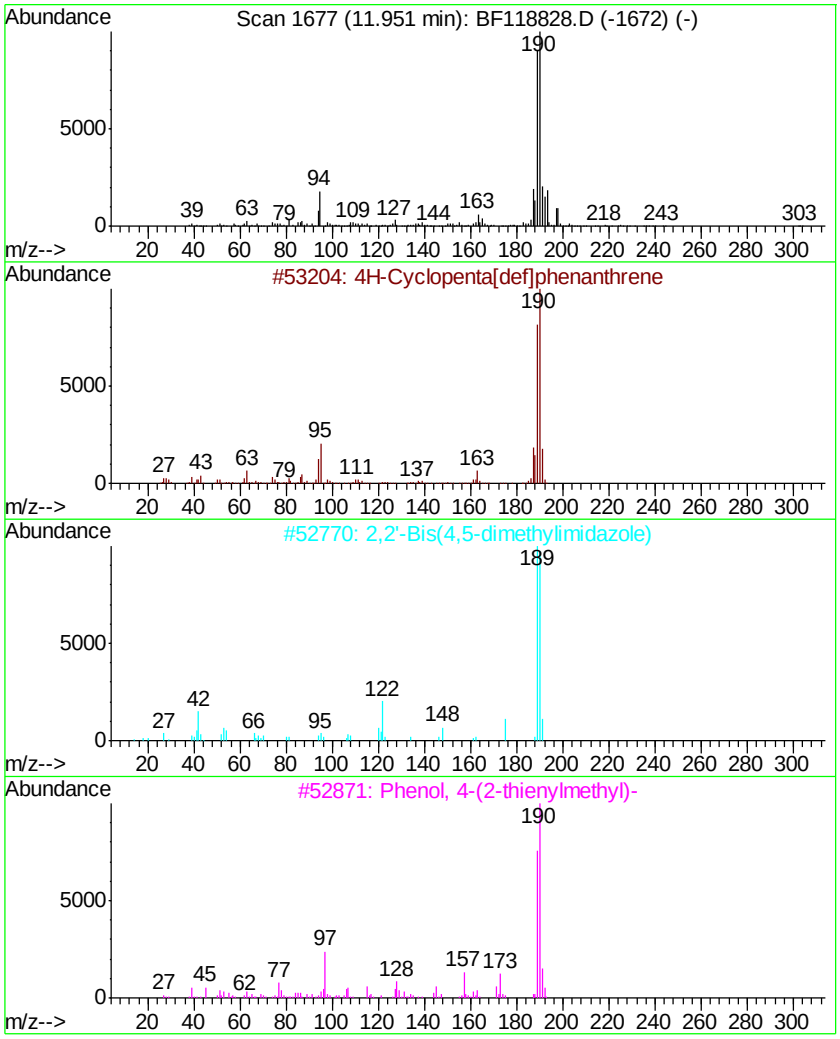
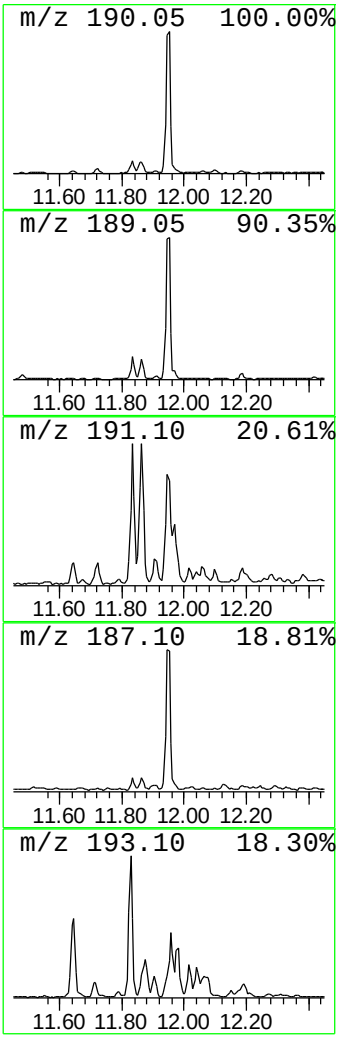
Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	13.15 ng	1544900	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	47
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	42
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	35
5	Carbonic acid, butyl 2-formyl-4,...	290	C12H12Cl2O4	1000331-42-2	32





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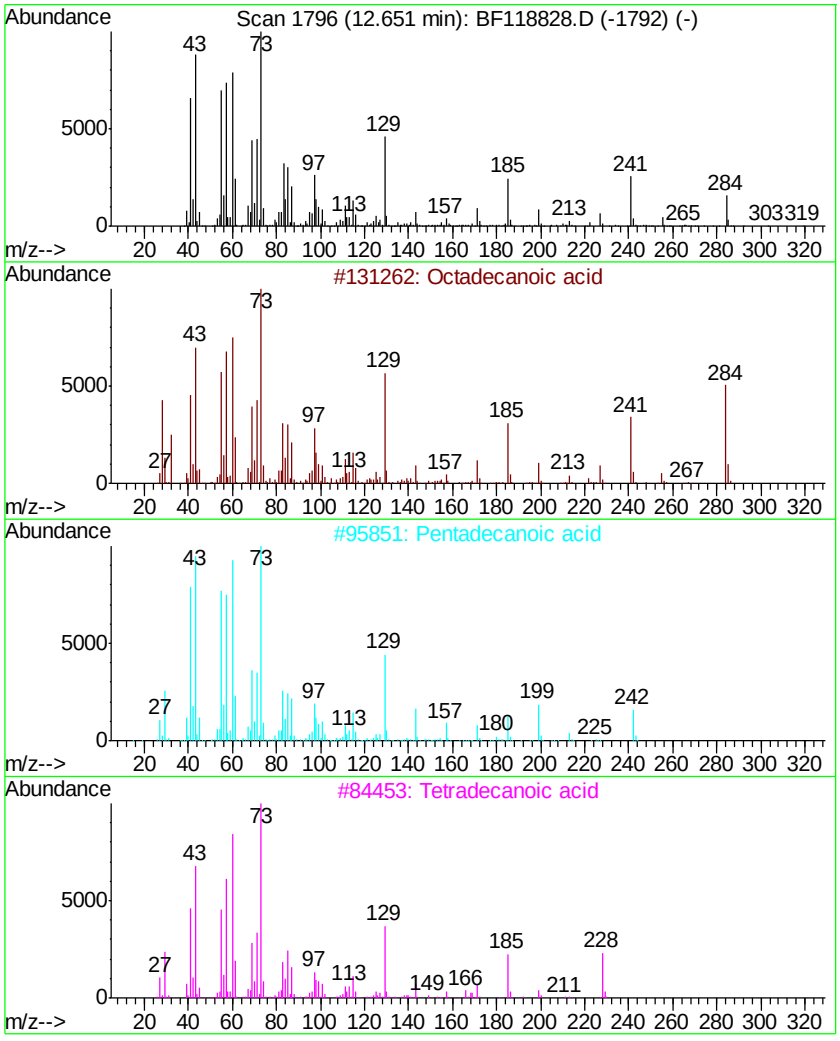
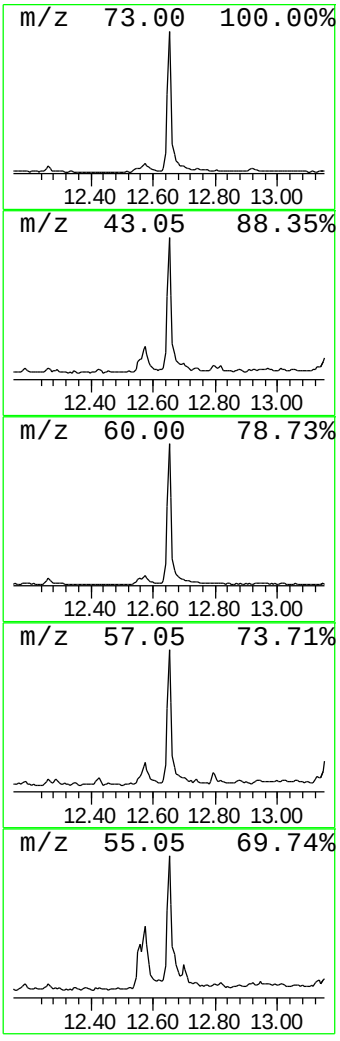
Peak Number 16 Octadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	13.13 ng	1611520	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Acq On : 5 Feb 2020 14:34
Operator : CG/JU
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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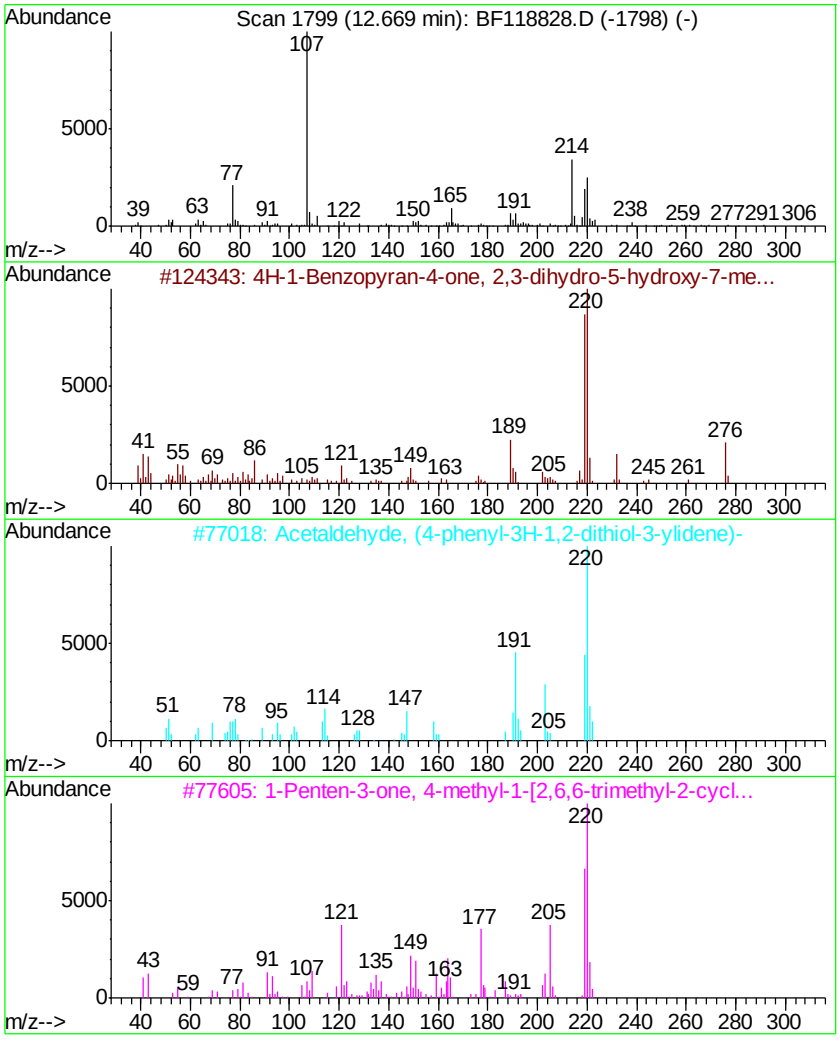
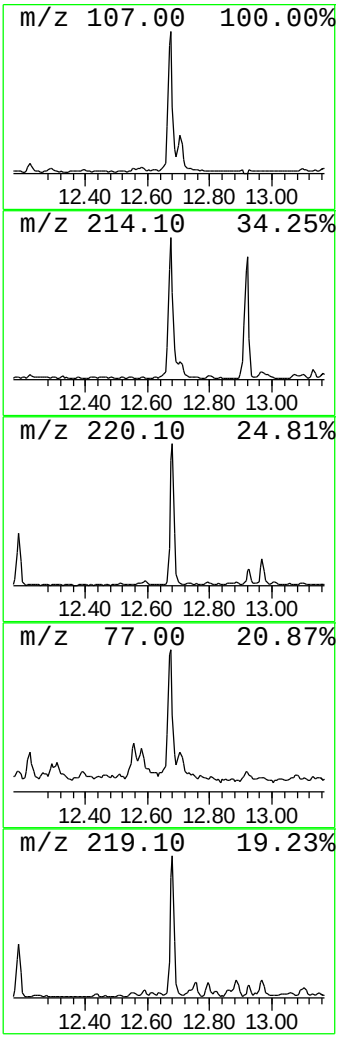
Peak Number 17 unknown12.67 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	13.38 ng	1642410	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-1-Benzopyran-4-one, 2,3-dihyd...	276	C16H20O4	054964-86-2	38
2	Acetaldehyde, (4-phenyl-3H-1,2-d...	220	C11H8OS2	005260-99-1	38
3	1-Penten-3-one, 4-methyl-1-[2,6,...	220	C15H24O	1000132-20-9	35
4	1H-Imidazole, 4,5-diphenyl-	220	C15H12N2	000668-94-0	35
5	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	30





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Operator : CG/JU
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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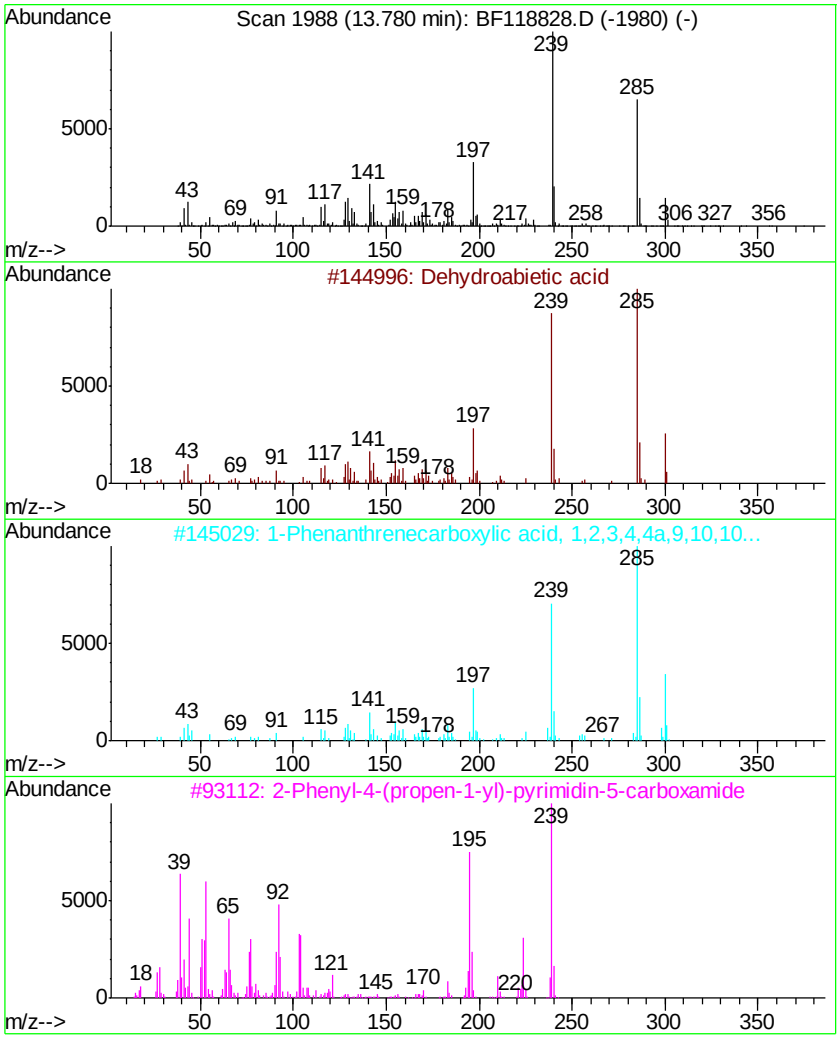
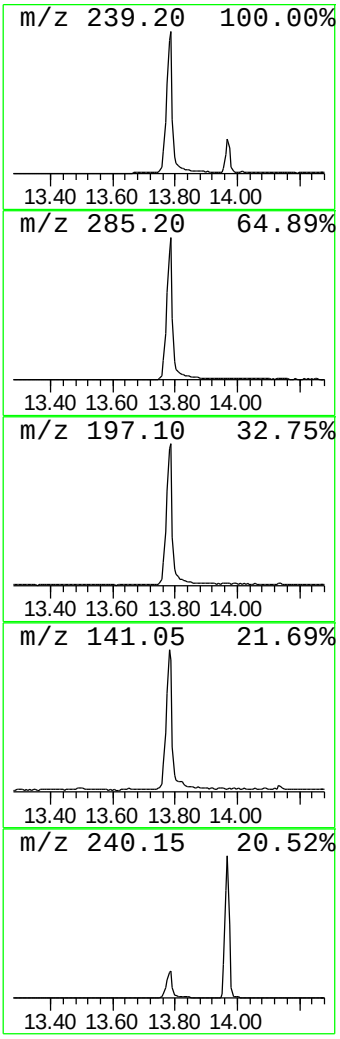
Peak Number 18 Dehydroabietic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	45.37 ng	5570020	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	96
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	91
3	2-Phenyl-4-(propen-1-yl)-pyrimid...	239	C14H13N3O	1000287-21-7	46
4	Indole, 3-imidazolo[2,1-b]thiazo...	239	C13H9N3S	292855-05-1	43
5	trans-1,2-Bis(methyldichlorosily...	252	C4H8Cl4Si2	065899-10-7	38





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Data File : BF118828.D
Acq On : 5 Feb 2020 14:34
Operator : CG/JU
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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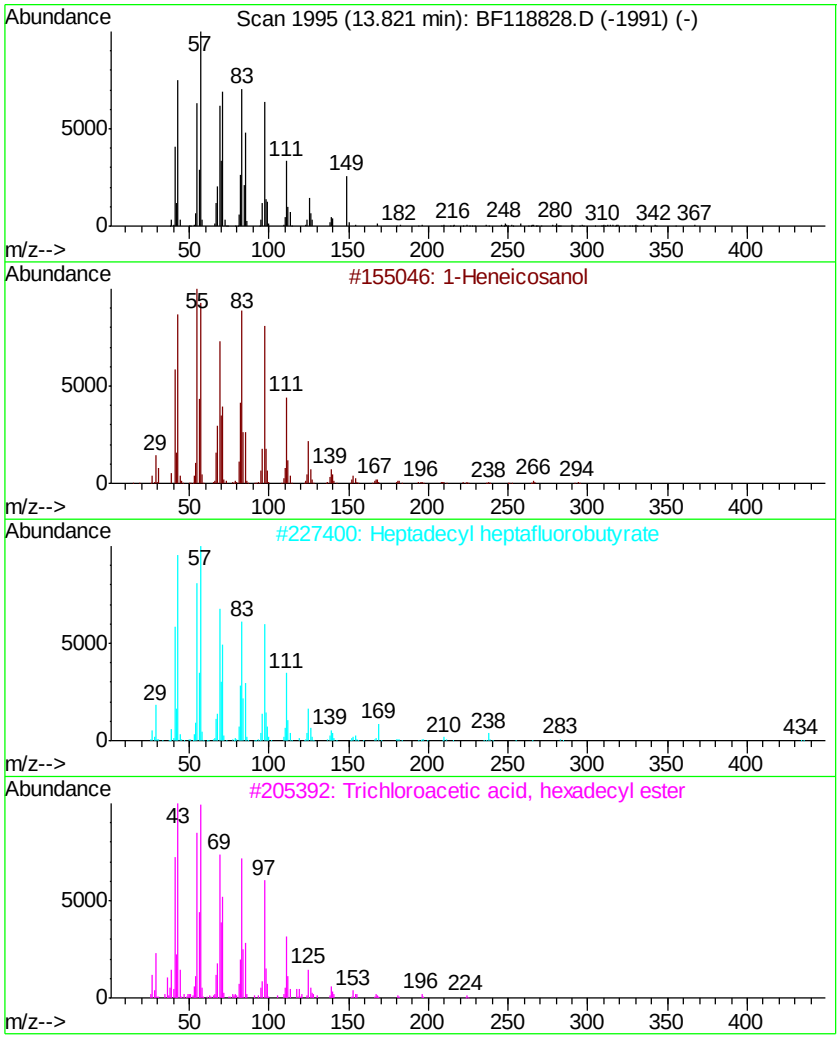
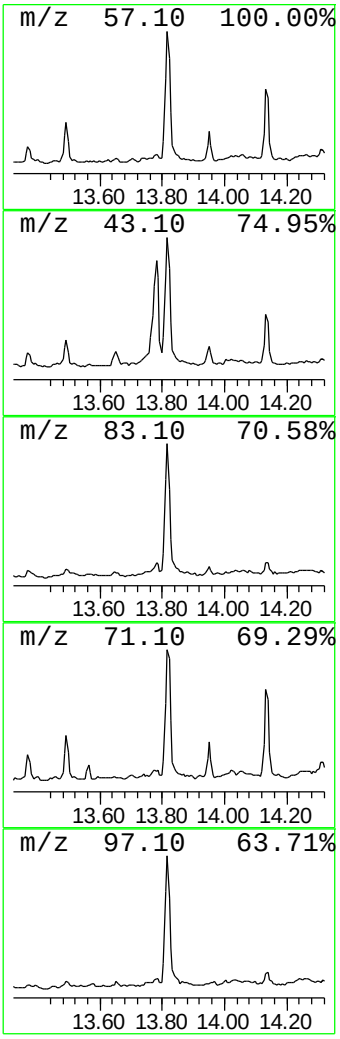
Peak Number 19 1-Heneicosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	16.98 ng	2084460	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	1-Tricosene	322	C23H46	018835-32-0	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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Operator : CG/JU
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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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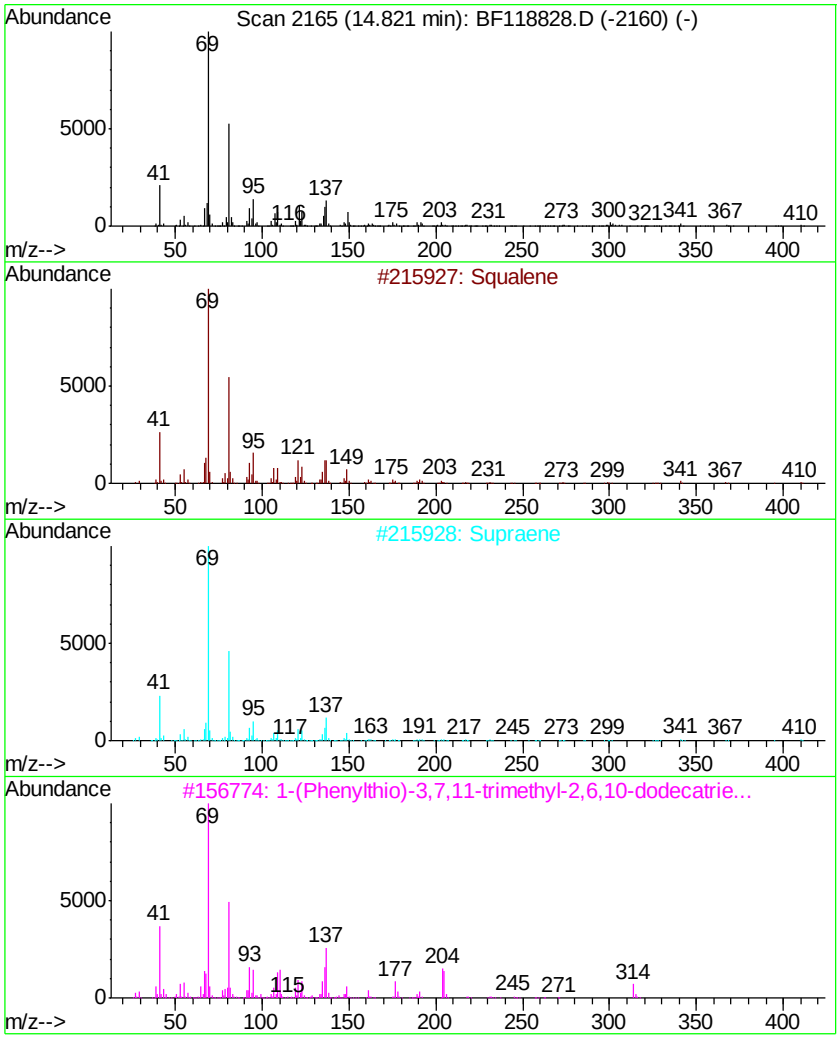
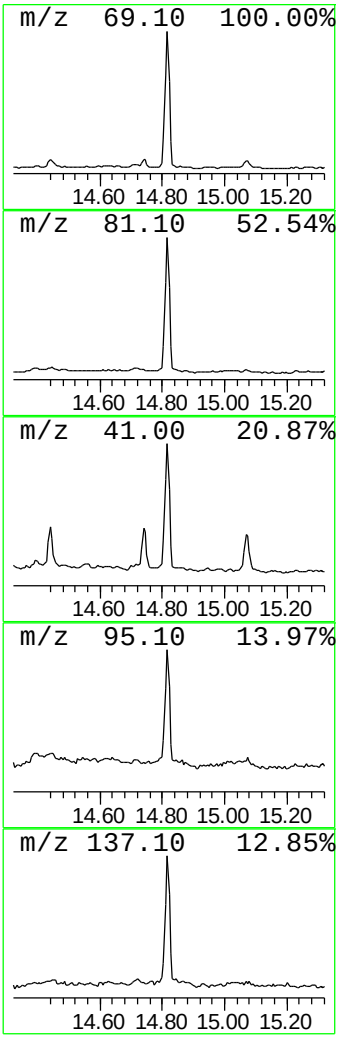
Peak Number 20 Squalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	11.76 ng	1085640	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	91
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	83
4	2,6,10,14-Hexadecatetraenoic aci...	318	C21H34O2	042207-88-5	78
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	264	C17H28O2	004128-17-0	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020520\
Data File : BF118828.D
Acq On : 5 Feb 2020 14:34
Operator : CG/JU
Sample : L1388-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TOTE-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF020320.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
Pyridine, 3,4-dim...	6.23	13.6	ng	784400	1	6.82	1157490	20.0
unknown6.56	6.56	31.5	ng	1823710	1	6.82	1157490	20.0
Benzofuran	6.67	16.0	ng	924616	1	6.82	1157490	20.0
1-Hexanol, 2-ethyl-	6.90	184.3	ng	10665000	1	6.82	1157490	20.0
Indane	7.00	28.8	ng	1665530	1	6.82	1157490	20.0
Benzenemethanol, ...	7.17	13.1	ng	757626	1	6.82	1157490	20.0
Naphthalene, 2,7-...	9.43	12.0	ng	1637620	3	9.85	2722720	20.0
Naphthalene, 1,4-...	9.51	21.0	ng	2864090	3	9.85	2722720	20.0
2,8-Dimethylquino...	9.63	18.3	ng	2486330	3	9.85	2722720	20.0
o-Hydroxybiphenyl	9.99	10.7	ng	1459770	3	9.85	2722720	20.0
p-Hydroxybiphenyl	10.92	16.0	ng	1875480	4	11.33	2349010	20.0
Naphtho[2,1-b]thi...	11.23	13.3	ng	1561980	4	11.33	2349010	20.0
n-Hexadecanoic acid	11.87	32.0	ng	3762790	4	11.33	2349010	20.0
4H-Cyclopenta[def...	11.95	13.2	ng	1544900	4	11.33	2349010	20.0
Octadecanoic acid	12.65	13.1	ng	1611520	5	13.97	2455650	20.0
unknown12.67	12.67	13.4	ng	1642410	5	13.97	2455650	20.0
Dehydroabietic acid	13.78	45.4	ng	5570020	5	13.97	2455650	20.0
1-Heneicosanol	13.82	17.0	ng	2084460	5	13.97	2455650	20.0
Squalene	14.82	11.8	ng	1085640	6	15.42	1846350	20.0