LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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-BF032519.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	3.063	157	166	174	rBV2	125777	346179	8.12%	0.441%
2	3.240	190	196	206	rVB	259676	505528	11.86%	0.644%
3	3.440	221	230	237	rBV	191078	339296	7.96%	0.432%
4	3.657	262	267	275	rBV2	91134	154859	3.63%	0.197%
5	5.322	546	550	554	rBV	2524054	2543003	59.64%	3.240%
6	5.528	580	585	603	rBV	1635998	2379505	55.81%	3.032%
7	5.822	631	635	639	rBV	148713	140670	3.30%	0.179%
8	6.357	722	726	734	rBV	2769415	2893852	67.87%	3.687%
9	6.422	734	737	743	rVB	202576	213195	5.00%	0.272%
10	6.481	743	747	750	rBV	3096067	2798263	65.63%	3.565%
11	6.545	752	758	762	rBV	2009465	2517643	59.05%	3.208%
12	6.581	762	764	771	rVV	1135535	1298617	30.46%	1.654%
13	6.704	782	785	791	rVB	1048211	844642	19.81%	1.076%
14	6.863	808	812	815	rVV	2497073	2182714	51.19%	2.781%
15	6.969	826	830	838	rBV	1924117	2139851	50.19%	2.726%
16	7.216	870	872	875	rVB	201818	153143	3.59%	0.195%
17	7.269	875	881	883	rBV2	1989789	2121782	49.76%	2.703%
18	7.328	887	891	896	rVV	598718	879661	20.63%	1.121%
19	7.369	896	898	903	rVV	646561	624559	14.65%	0.796%
20	7.481	912	917	920	rBV2	194979	231726	5.43%	0.295%
21	7.510	920	922	925	rVB2	171278	141702	3.32%	0.181%
22	7.569	925	932	946	rBV	3337363	4263748	100.00%	5.432%
23	7.739	957	961	965	rBV	911450	1135028	26.62%	1.446%
24	7.792	967	970	972	rVV	1039528	1023262	24.00%	1.304%
25	7.810	972	973	979	rVB3	232398	194332	4.56%	0.248%
26	7.863	979	982	986	rVB3	154892	181769	4.26%	0.232%
27	7.986	996	1003	1005	rBV	1308957	1289121	30.23%	1.642%
28	8.010	1005	1007	1010	rVB	621984	485648	11.39%	0.619%
29	8.057	1014	1015	1021	rVB4	121767	116395	2.73%	0.148%
30	8.210	1035	1041	1044	rBV	2713262	2628758	61.65%	3.349%
31	8.269	1047	1051	1057	rBV	2943263	2856980	67.01%	3.640%
32	8.422	1074	1077	1079	rBV	137361	149202	3.50%	0.190%
33	8.445	1079	1081	1084	rVV	222732	180991	4.24%	0.231%
34	8.492	1087	1089	1091	rBV	247126	221214	5.19%	0.282%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.692	1119	1123	1129	rBV2	1548052	1718285	40.30%	2.189%
36	8.763	1132	1135	1138	rBV	821315	669100	15.69%	0.852%
37	8.804	1138	1142	1144	rBV2	499694	418112	9.81%	0.533%
38	8.875	1151	1154	1156	rBV	827851	672105	15.76%	0.856%
39	8.892	1156	1157	1162	rVB2	193798	182005	4.27%	0.232%
40	8.981	1169	1172	1176	rBV	963692	865650	20.30%	1.103%
41	9.016	1176	1178	1180	rBV2	126397	121284	2.84%	0.155%
42	9.063	1182	1186	1189	rVB	3565508	3220589	75.53%	4.103%
43	9.151	1196	1201	1204	rVB4	137730	246783	5.79%	0.314%
44	9.186	1204	1207	1210	rBV	1367436	1244351	29.18%	1.585%
45	9.216	1210	1212	1217	rVB	396474	379190	8.89%	0.483%
46	9.269	1217	1221	1224	rBV2	205375	241178	5.66%	0.307%
47	9.304	1224	1227	1228	rBV	183309	159546	3.74%	0.203%
48	9.357	1234	1236	1240	rVB3	386063	347756	8.16%	0.443%
49	9.398	1240	1243	1246	rBV2	199133	172278	4.04%	0.219%
50	9.463	1249	1254	1258	rBV2	997324	1182229	27.73%	1.506%
51	9.598	1274	1277	1284	rVB	1073763	993427	23.30%	1.266%
52	9.681	1288	1291	1293	rBV3	369321	406921	9.54%	0.518%
53	9.710	1293	1296	1297	rVV2	150582	178599	4.19%	0.228%
54	9.739	1297	1301	1304	rVB	1315345	1246948	29.25%	1.589%
55	9.939	1333	1335	1341	rVB5	137304	135892	3.19%	0.173%
56	10.045	1350	1353	1355	rBV	200654	200988	4.71%	0.256%
57	10.069	1355	1357	1361	rVB	282210	263945	6.19%	0.336%
58	10.392	1409	1412	1417	rVB3	234429	272069	6.38%	0.347%
59	10.463	1422	1424	1429	rVV2	199514	217578	5.10%	0.277%
60	10.528	1429	1435	1438	rVV	2110994	2123235	49.80%	2.705%
61	10.645	1452	1455	1460	rBV2	320953	493925	11.58%	0.629%
62	10.692	1460	1463	1466	rBV3	133555	164349	3.85%	0.209%
63	10.745	1470	1472	1478	rVB	528319	513129	12.03%	0.654%
64	10.816	1482	1484	1489	rBV5	79071	118991	2.79%	0.152%
65	11.027	1517	1520	1524	rVB2	229649	267536	6.27%	0.341%
66	11.216	1548	1552	1554	rBV	1520905	1271933	29.83%	1.620%
67	11.239	1554	1556	1558	rVV	580056	458374	10.75%	0.584%
68	11.292	1562	1565	1568	rVB	155062	149009	3.49%	0.190%
69	11.716	1635	1637	1640	rBV	245914	227683	5.34%	0.290%
70	11.757	1640	1644	1649	rVV3	819733	1099813	25.79%	1.401%
71	11.827	1653	1656	1658	rBV	265521	259200	6.08%	0.330%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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-BF032519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.269	1729	1731	1734	rBV	265828	223609	5.24%	0.285%
73	12.357	1743	1746	1750	rVB2	159286	172925	4.06%	0.220%
74	12.427	1755	1758	1761	rVB	756884	589674	13.83%	0.751%
75	12.539	1773	1777	1787	rVB2	1447749	1583303	37.13%	2.017%
76	12.651	1793	1796	1799	rBV	828463	773339	18.14%	0.985%
77	12.798	1817	1821	1824	rVB	2964946	2630161	61.69%	3.351%
78	12.869	1831	1833	1838	rBV3	202247	231126	5.42%	0.294%
79	12.933	1841	1844	1846	rBV	172435	158761	3.72%	0.202%
80	12.963	1846	1849	1851	rBV3	180195	241190	5.66%	0.307%
81	13.086	1868	1870	1878	rVB	209780	205733	4.83%	0.262%
82	13.174	1883	1885	1888	rBV	310824	280757	6.58%	0.358%
83	13.204	1888	1890	1895	rVB	145955	154351	3.62%	0.197%
84	13.645	1963	1965	1972	rVV2	205634	210268	4.93%	0.268%
85	13.698	1972	1974	1977	rVB	160076	123803	2.90%	0.158%
86	13.845	1995	1999	2002	rBV2	1205665	1695419	39.76%	2.160%
87	13.874	2002	2004	2007	rVB	611286	524662	12.31%	0.668%
88	14.233	2063	2065	2068	rVV	364008	303193	7.11%	0.386%
89	14.268	2068	2071	2074	rVV	172335	167960	3.94%	0.214%
90	14.357	2084	2086	2088	rBV	210528	184013	4.32%	0.234%
91	14.610	2126	2129	2132	rBV2	236263	239144	5.61%	0.305%
92	14.863	2168	2172	2178	rVB	679895	1173085	27.51%	1.495%
93	14.921	2180	2182	2186	rVB	174888	171046	4.01%	0.218%
94	15.139	2216	2219	2224	rVB	522089	583695	13.69%	0.744%
95	15.198	2225	2229	2233	rBV	415048	522830	12.26%	0.666%
96	15.257	2235	2239	2246	rBV	870751	1125404	26.39%	1.434%
97	15.668	2306	2309	2313	rVB	136552	176783	4.15%	0.225%
98	16.286	2411	2414	2421	rVB3	117829	203648	4.78%	0.259%
99	16.615	2465	2470	2476	rBV	259184	459628	10.78%	0.586%
100	17.027	2535	2540	2546	rVB	167590	301634	7.07%	0.384%

Sum of corrected areas: 78491967

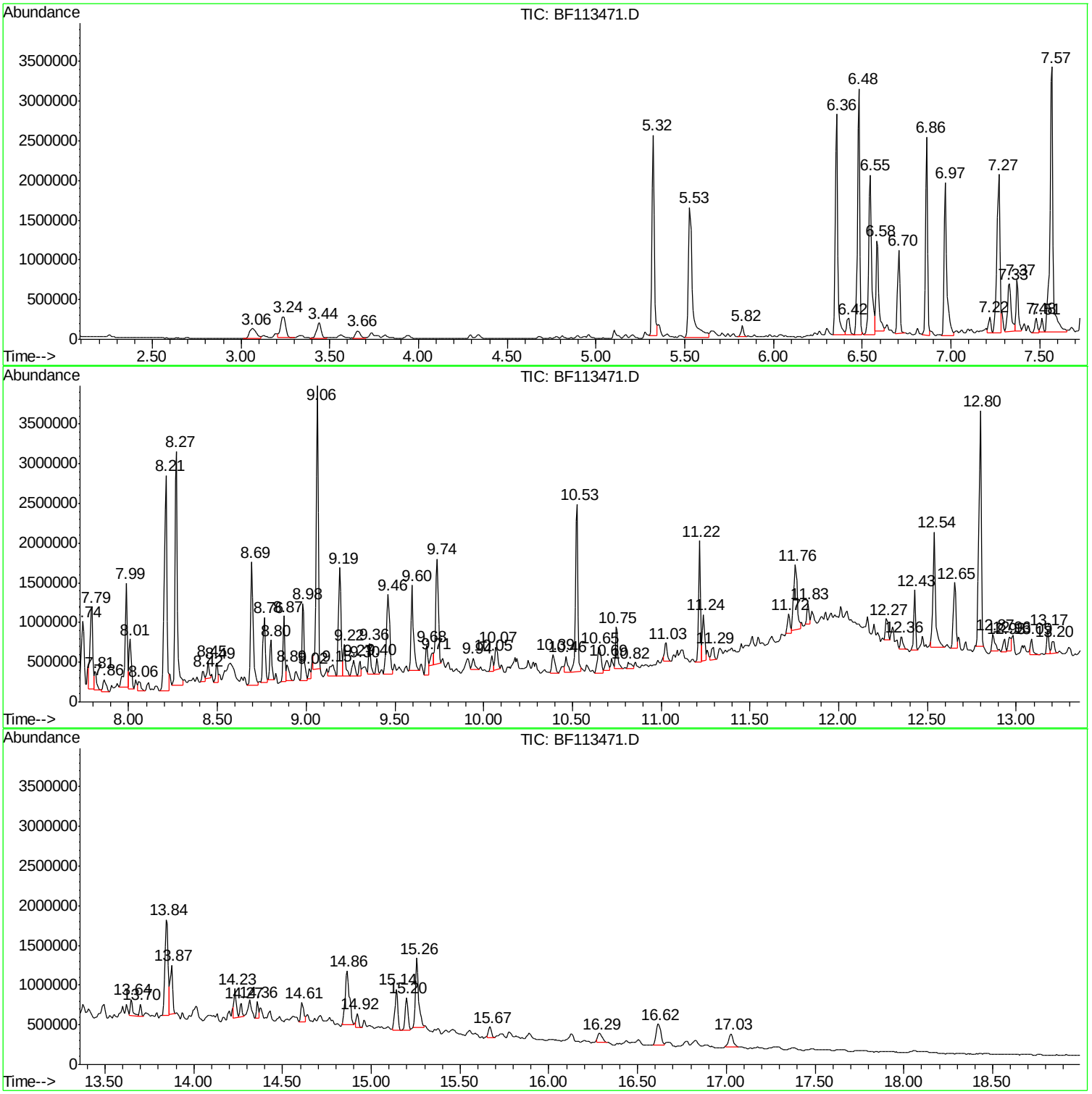
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

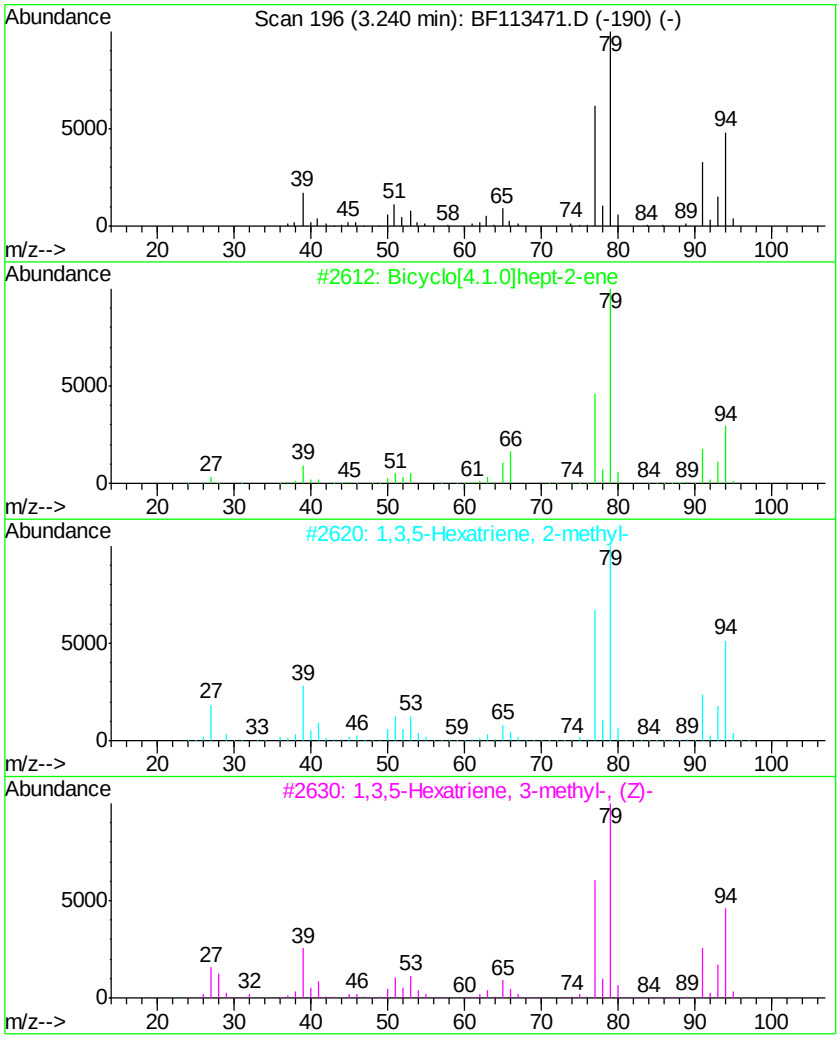
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

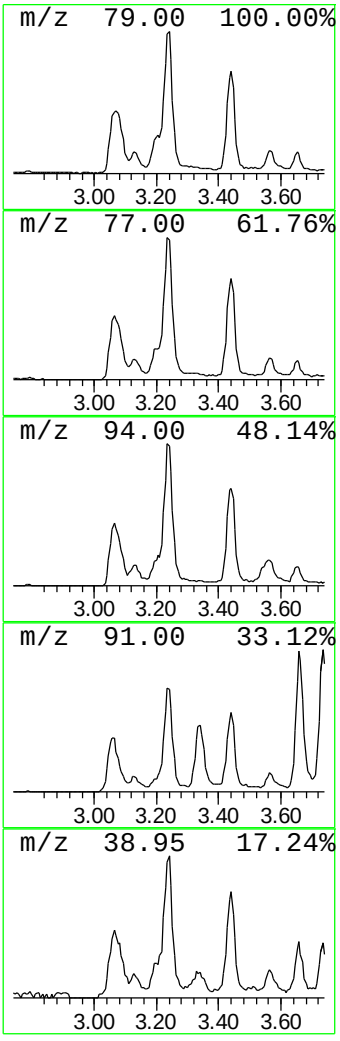
****

Peak Number 1 Bicyclo[4.1.0]hept-2-ene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.24	11.97 ng	505528	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]hept-2-ene	94	C7H10	002566-57-6	91
2	1,3,5-Hexatriene, 2-methyl-	94	C7H10	019264-50-7	91
3	1,3,5-Hexatriene, 3-methyl-, (Z)-	94	C7H10	024587-27-7	91
4	1,3,5-Hexatriene, 3-methyl-, (E)-	94	C7H10	024587-26-6	91
5	1,3,5-Heptatriene, (E,E)-	94	C7H10	017679-93-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

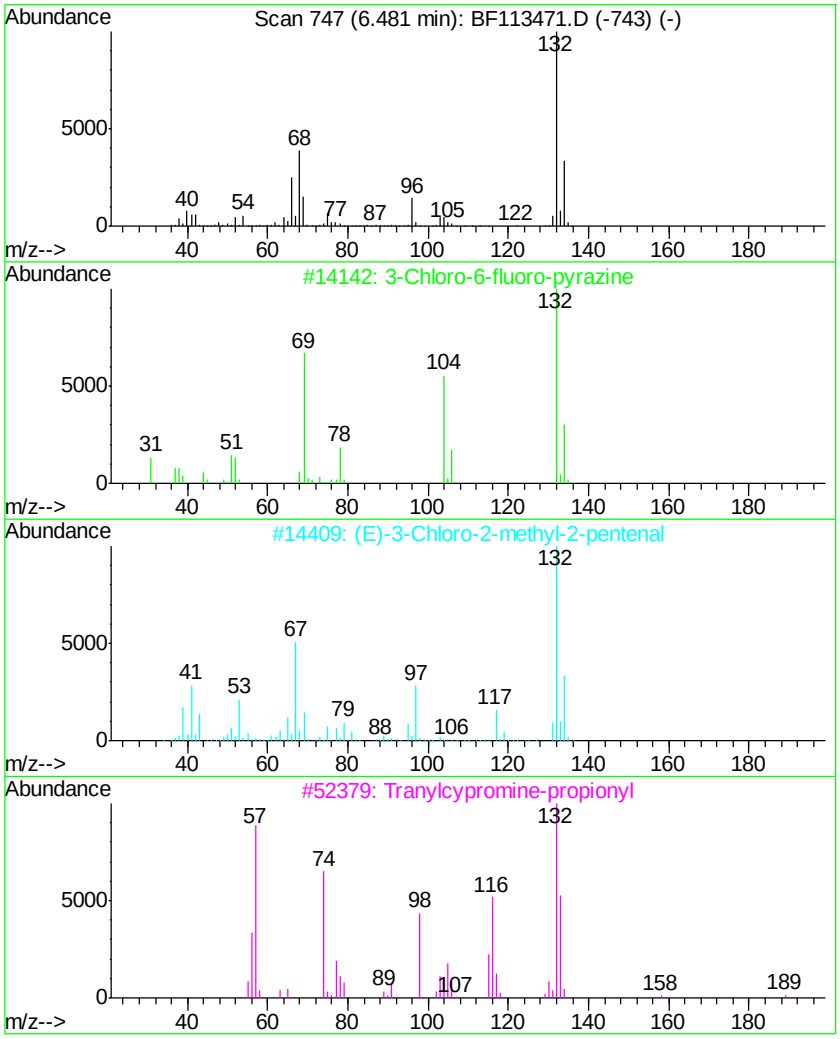
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

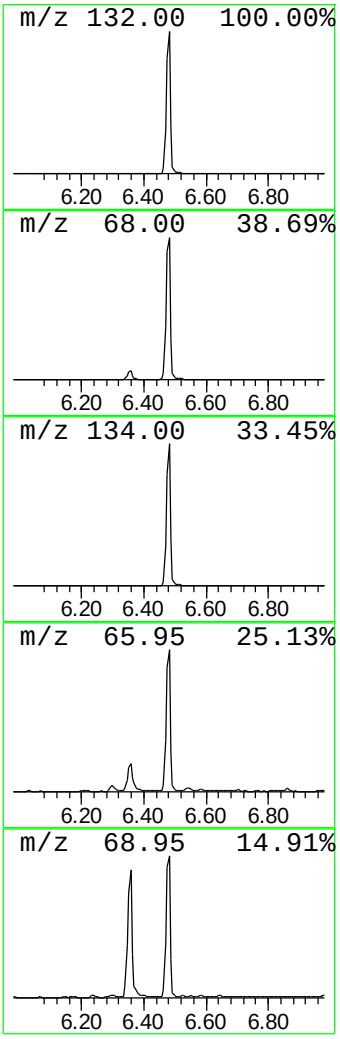
****

Peak Number 3 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	66.26 ng	2798260	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

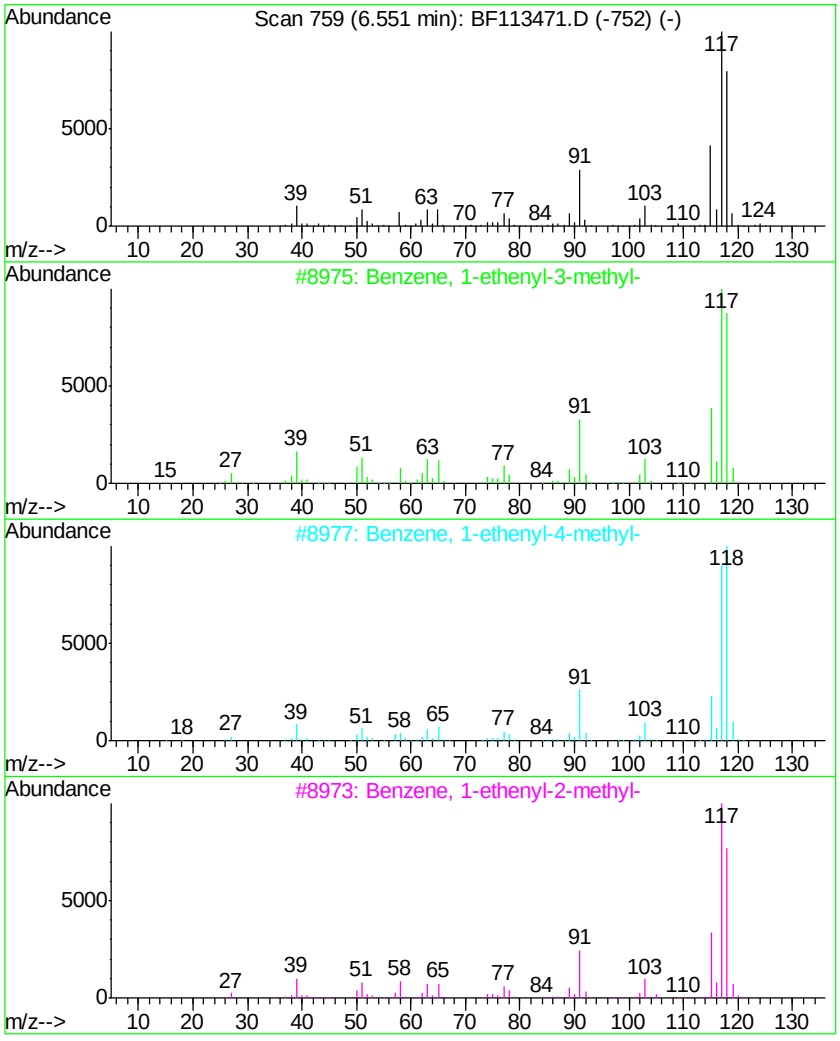
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

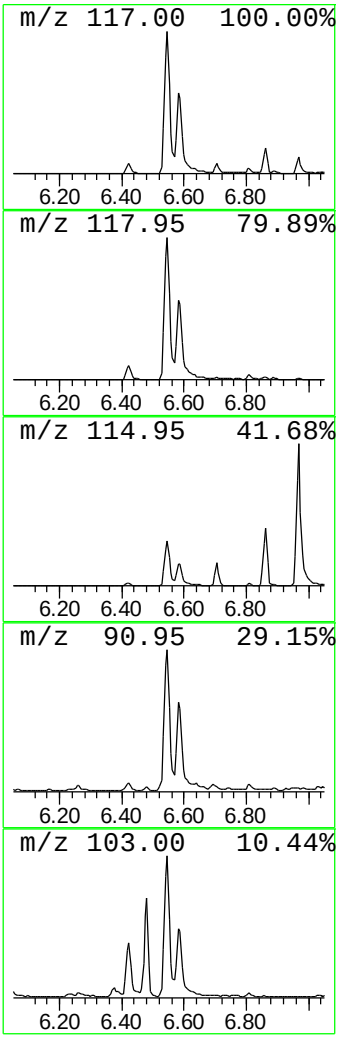
****

Peak Number 4 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	59.61 ng	2517640	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

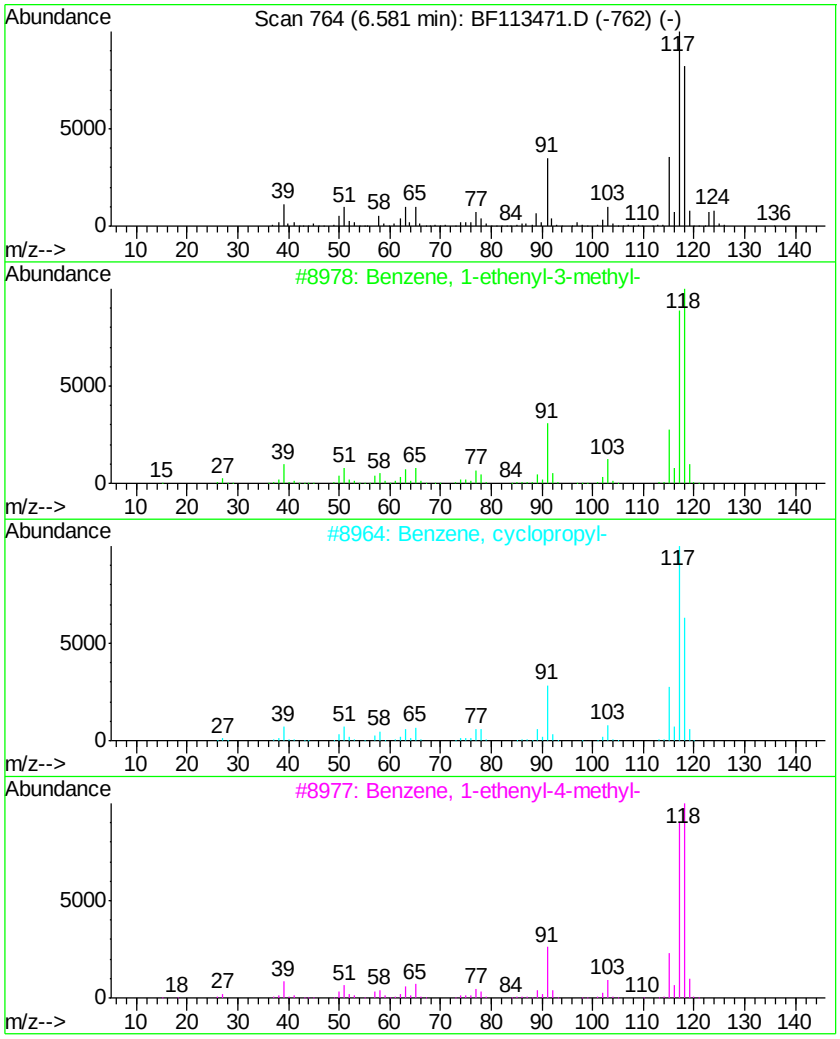
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

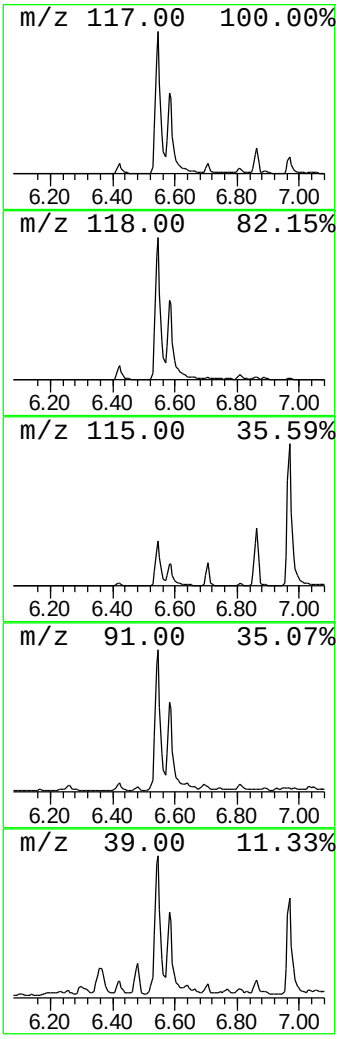
****

Peak Number 5 Benzene, cyclopropyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	30.75 ng	1298620	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	94
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	93
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

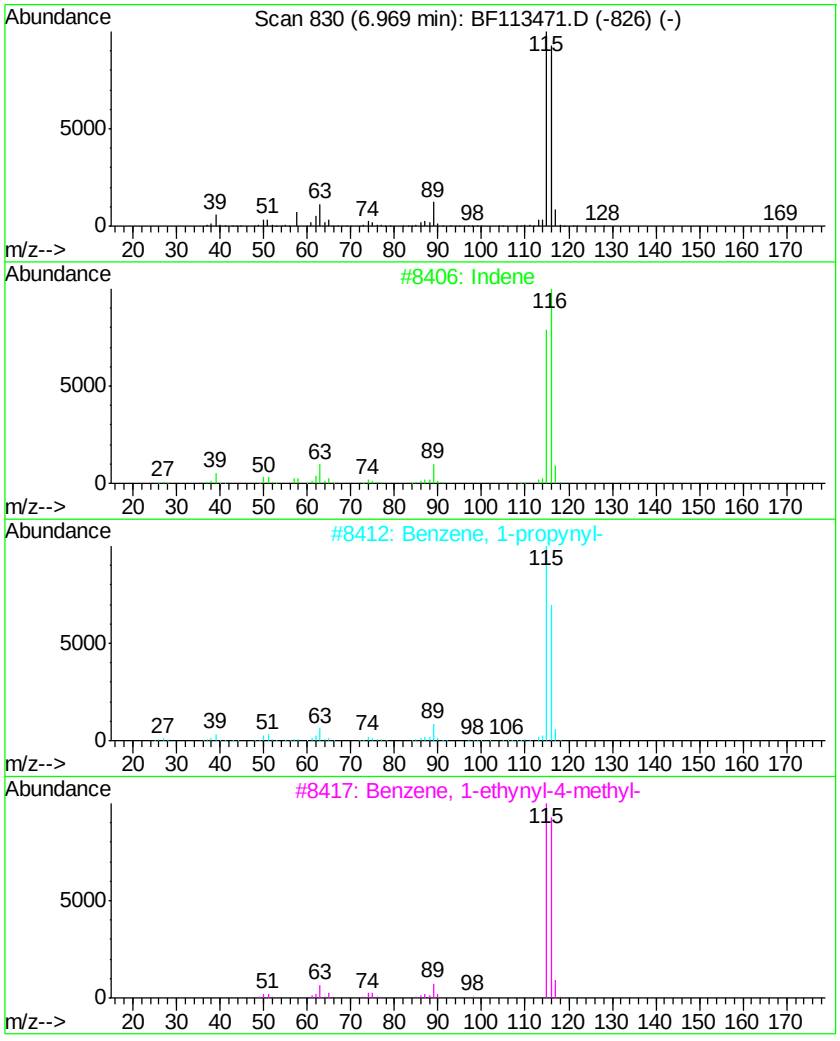
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

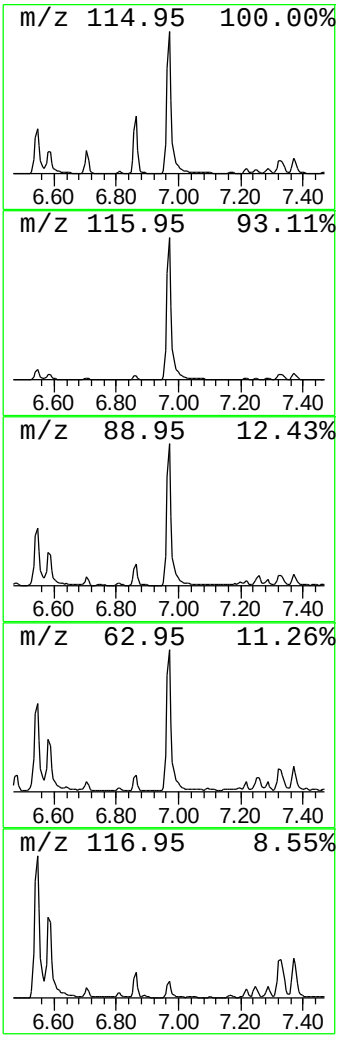
****

Peak Number 7 Benzene, 1-ethynyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	50.67 ng	2139850	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





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Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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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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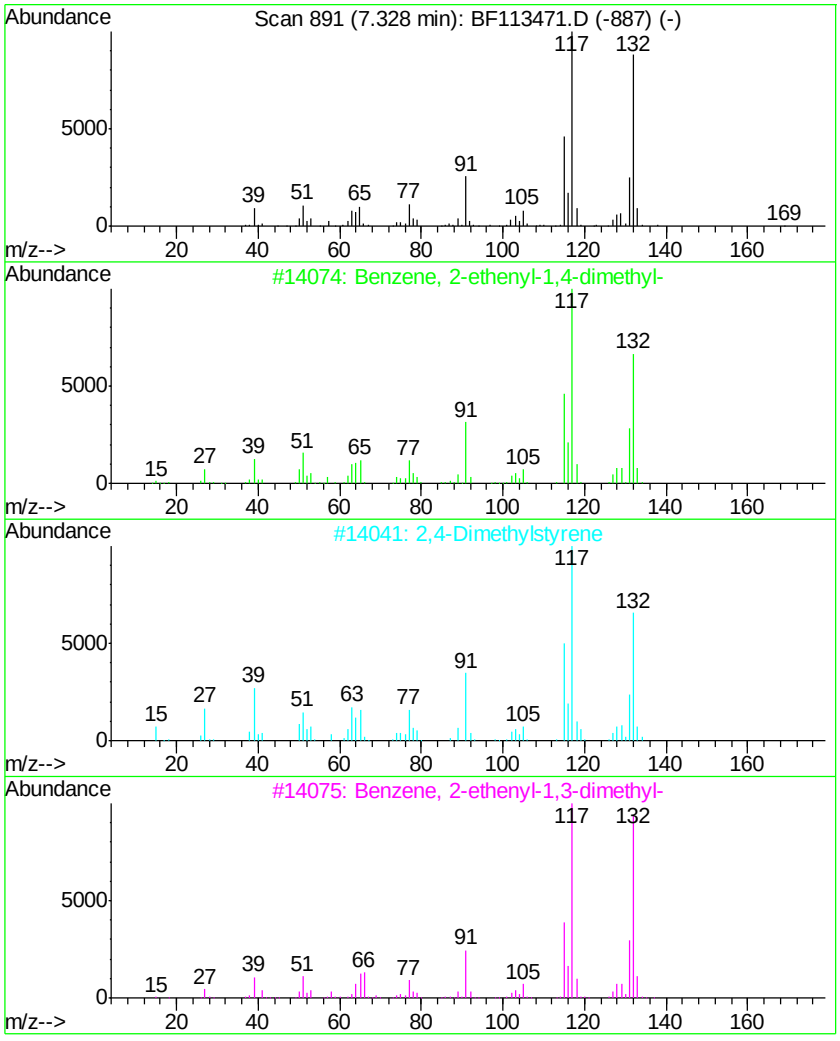
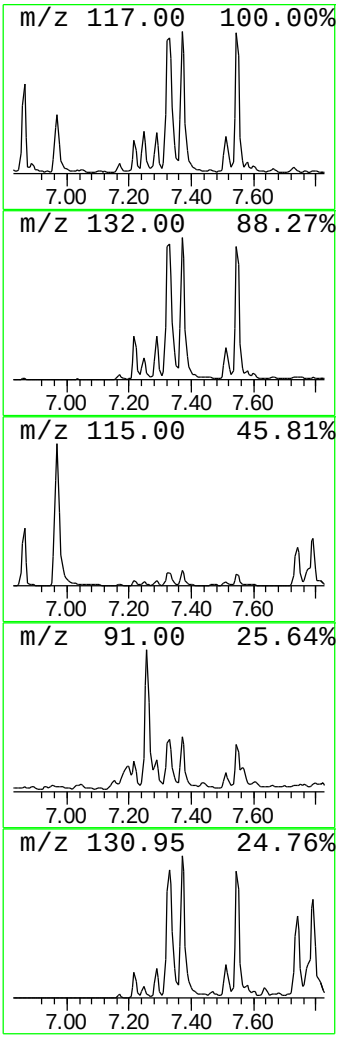
Peak Number 8 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	20.83 ng	879661	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	95
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95





Library Search Compound Report

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Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-TRACK-89-90-SOIL

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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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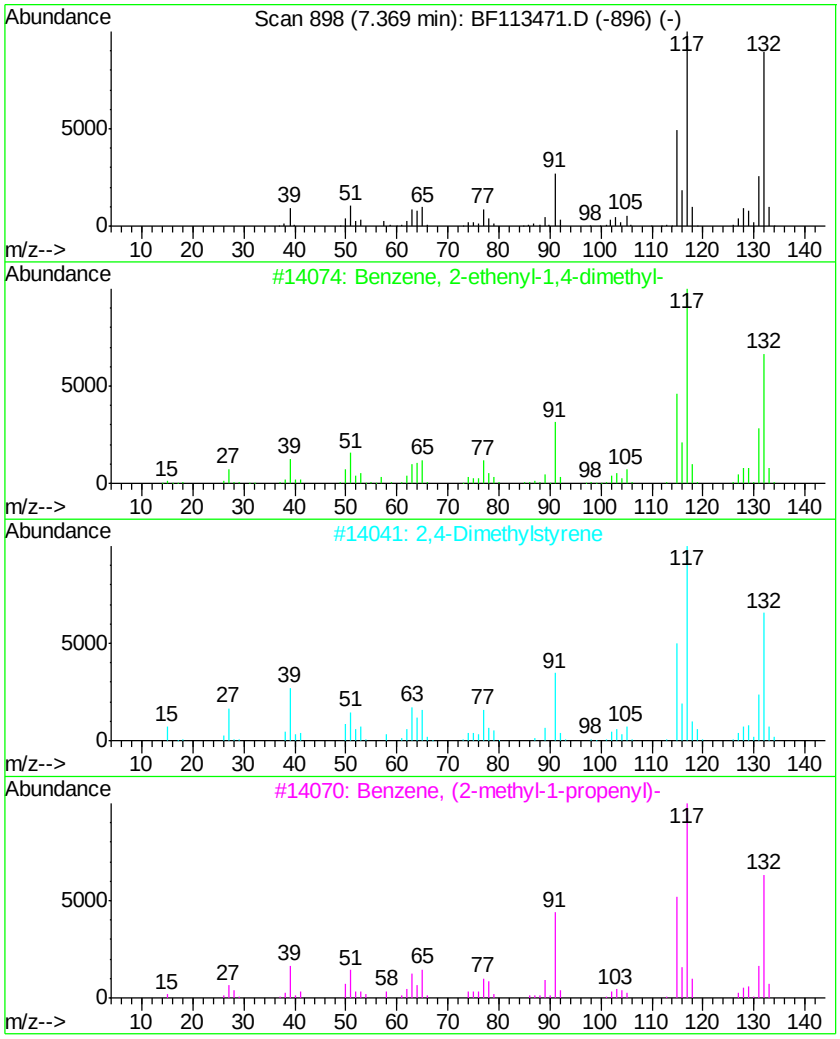
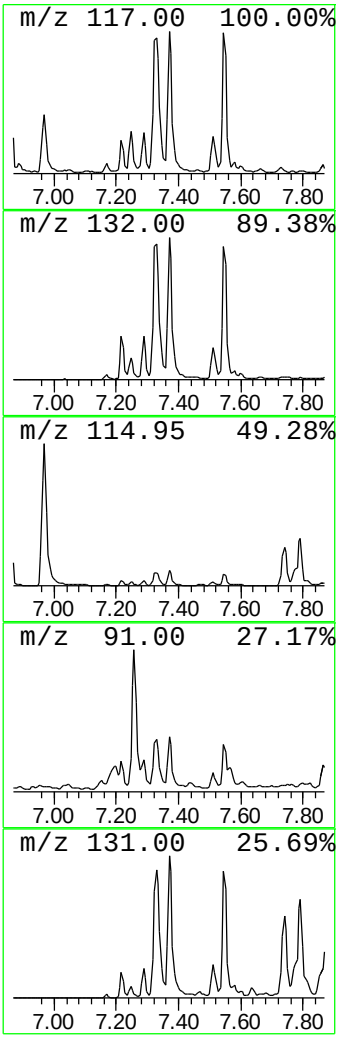
Peak Number 9 Benzene, (2-methyl-1-propen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	9.69 ng	624559	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	96
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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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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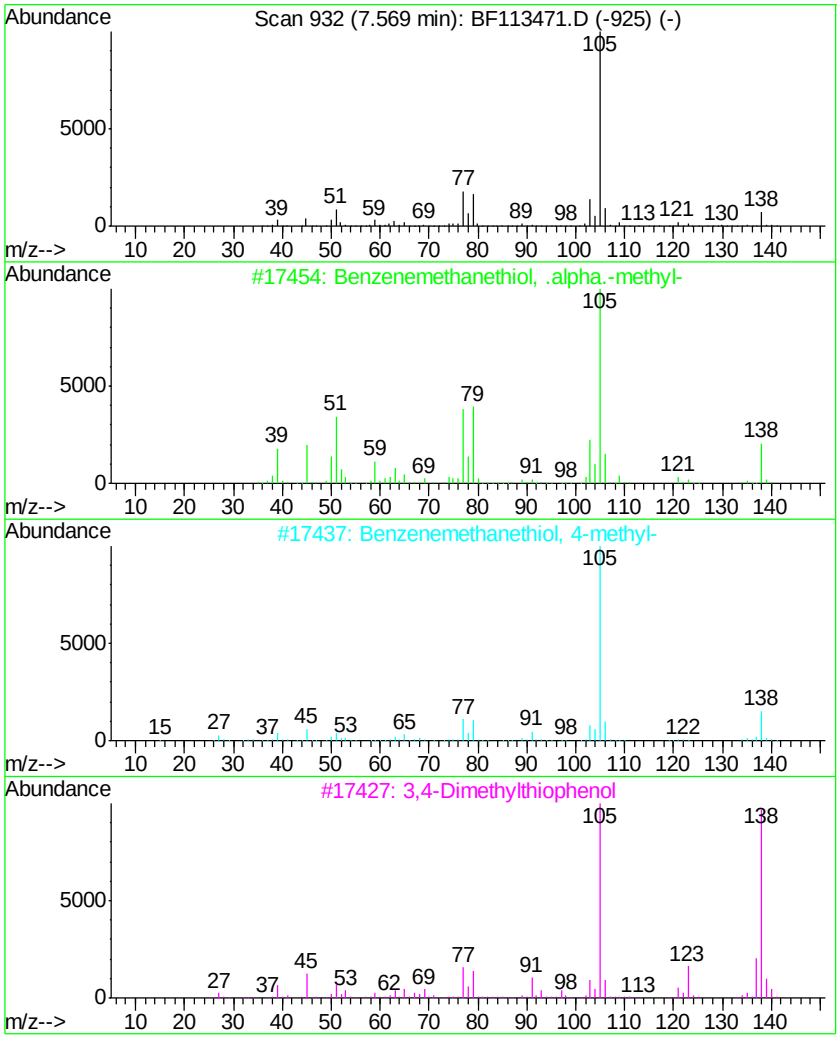
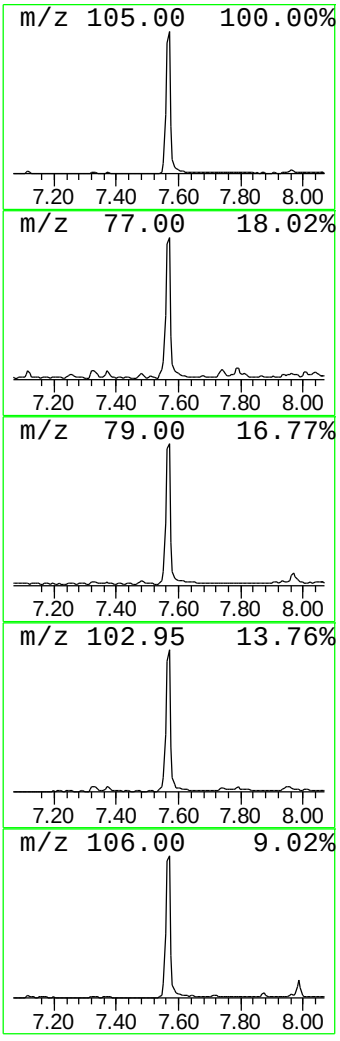
Peak Number 10 Benzenemethanethiol, .alpha... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	66.15 ng	4263750	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	81
2	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	78
3	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
4	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	64
5	Benzene, (1-bromoethyl)-	184	C8H9Br	000585-71-7	64





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Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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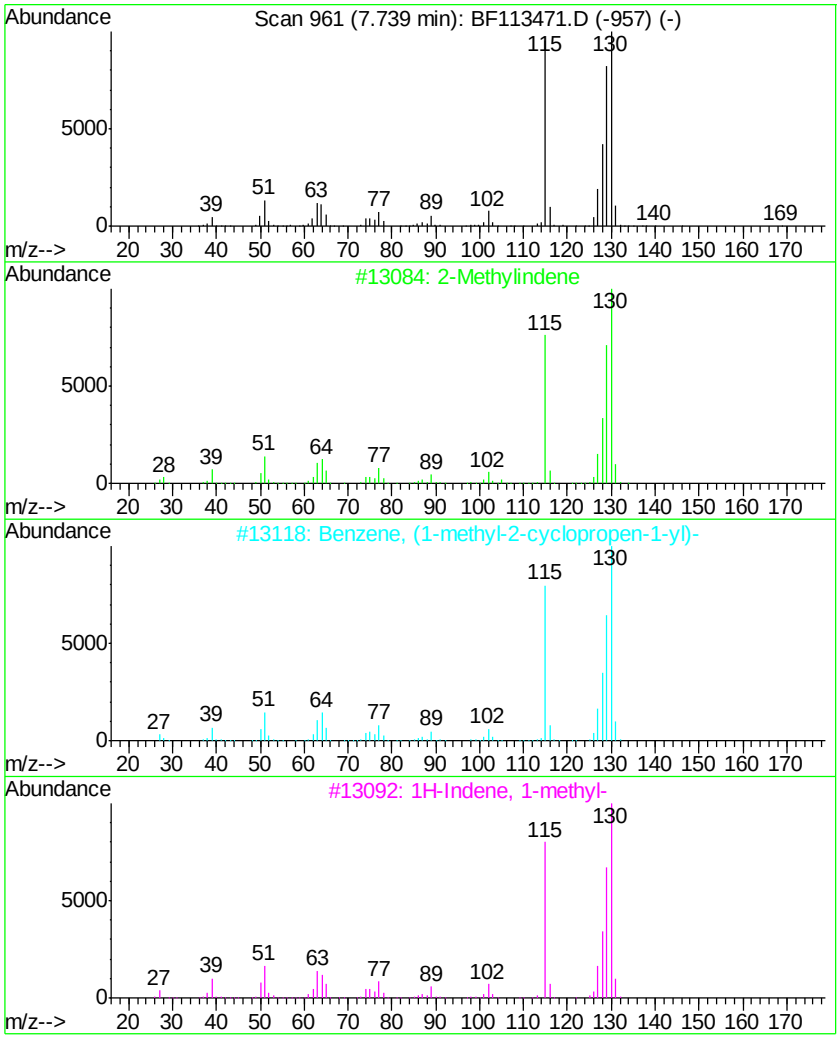
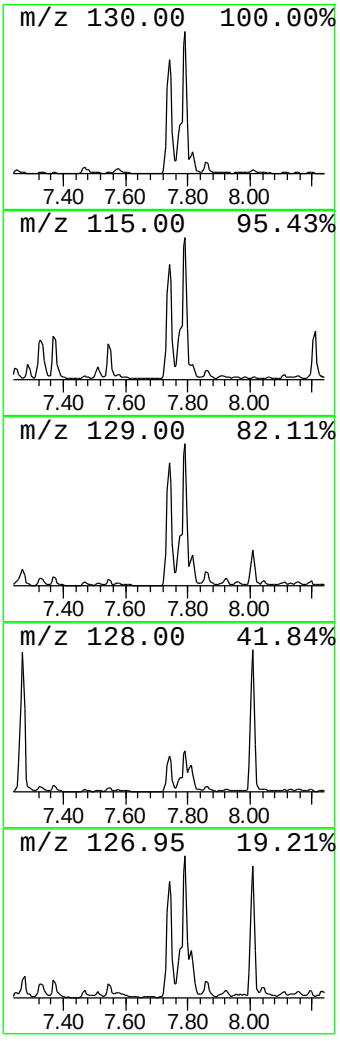
Peak Number 11 2-Methylindene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	17.61 ng	1135030	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
4	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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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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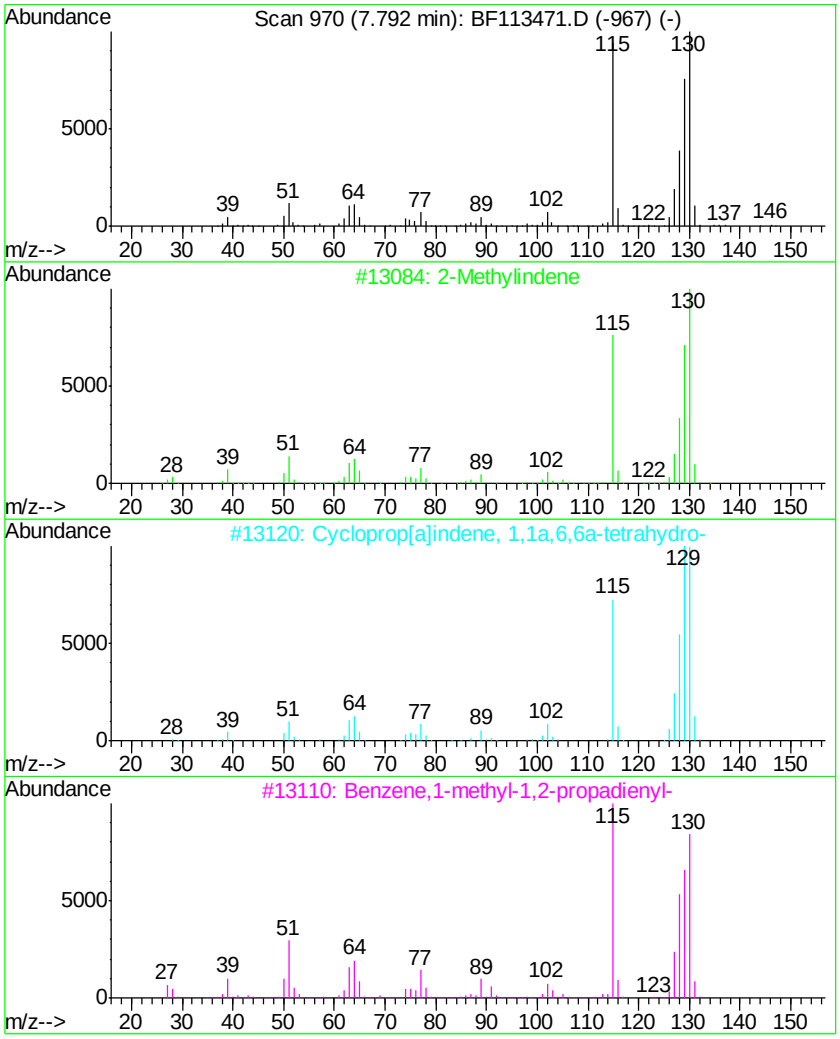
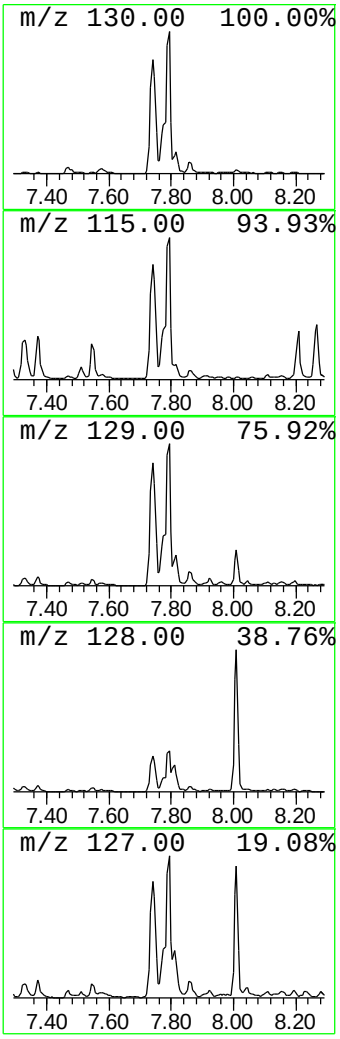
Peak Number 12 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	15.88 ng	1023260	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

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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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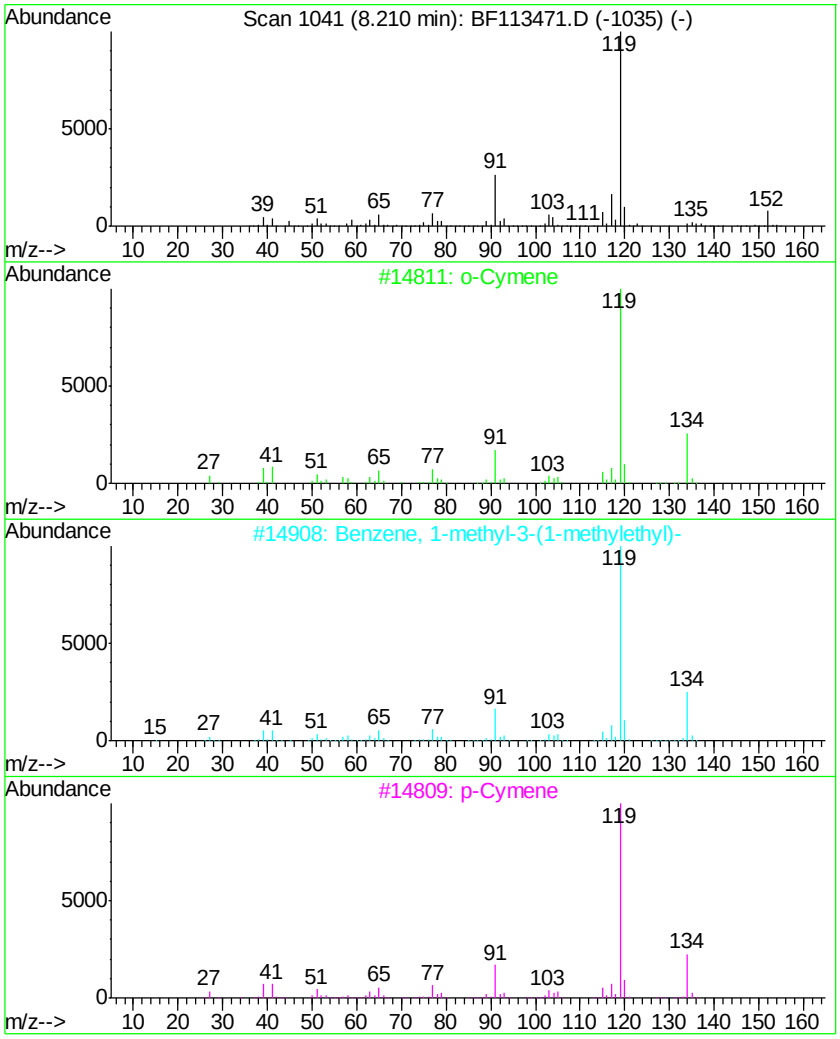
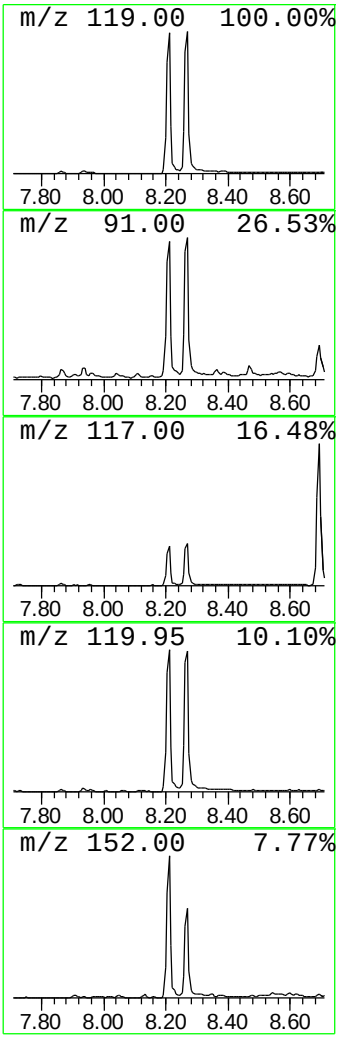
Peak Number 13 o-Cymene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	40.78 ng	2628760	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	p-Cymene	134	C10H14	000099-87-6	87
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	83
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80





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Misc :
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ClientSampleId : TP-TRACK-89-90-SOIL

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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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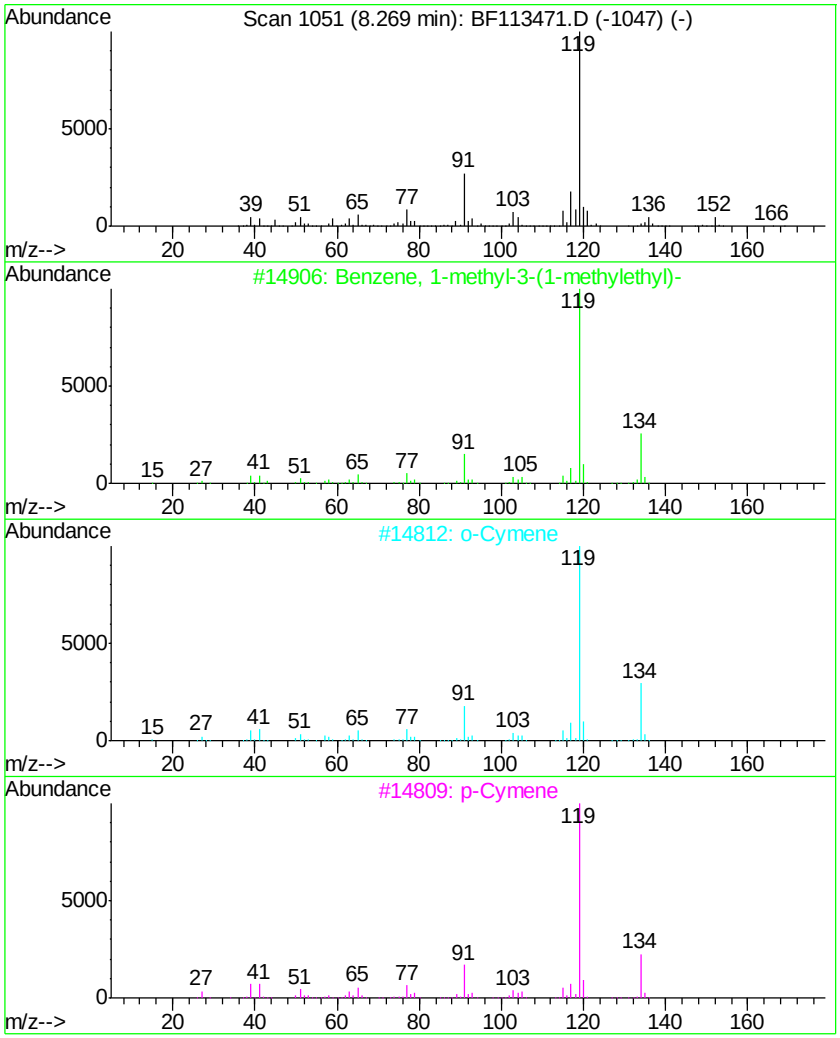
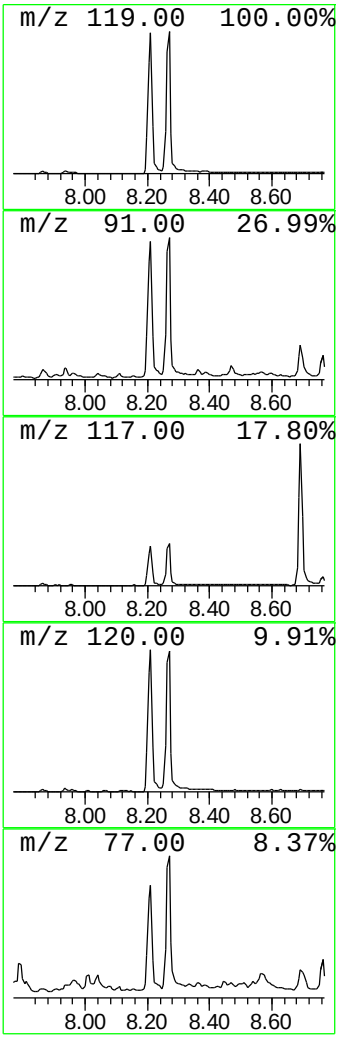
Peak Number 14 Benzene, 1-methyl-3-(1-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.27	44.32 ng	2856980	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
2	o-Cymene	134	C10H14	000527-84-4	81
3	p-Cymene	134	C10H14	000099-87-6	74
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	72
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72





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Sample : K2186-01
Misc :
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ClientSampleId :
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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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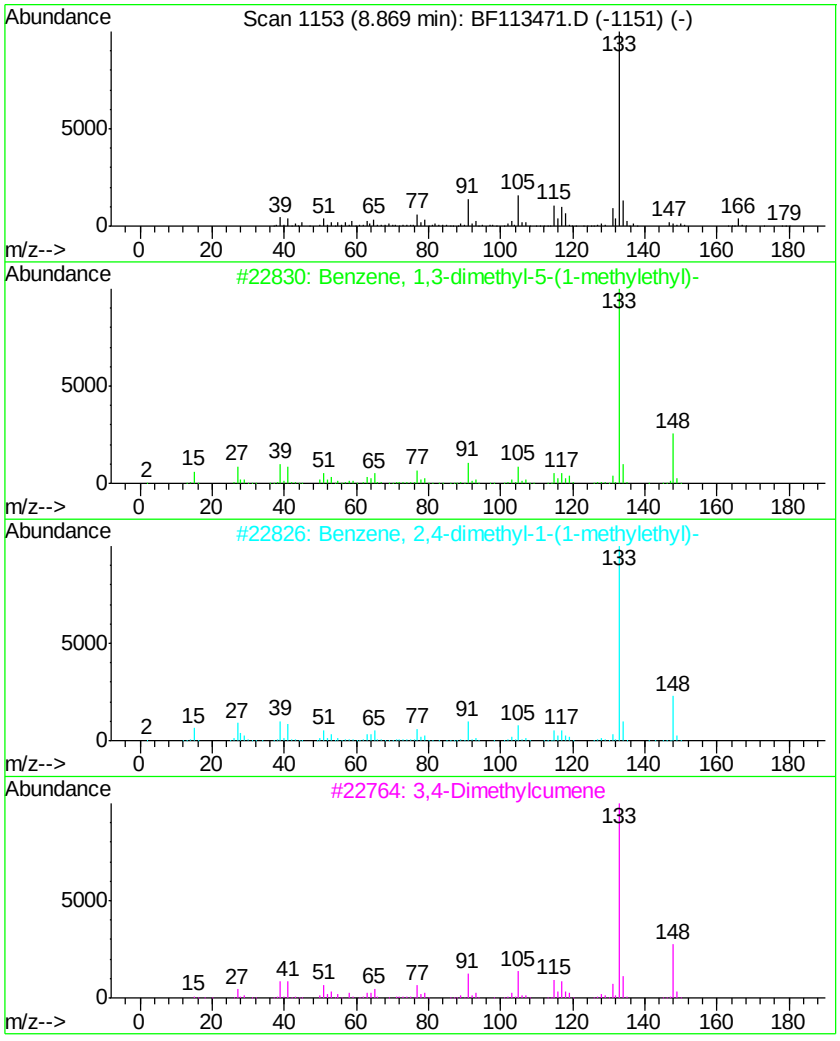
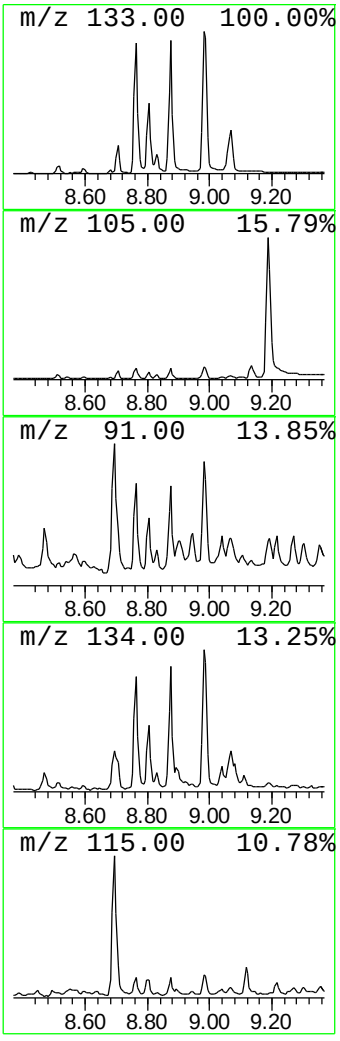
Peak Number 15 Benzene, 1,3-dimethyl-5-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	10.78 ng	672105	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
2	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	90
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	83
4	Benzene, 2-(chloromethyl)-1,3,5-...	168	C10H13Cl	001585-16-6	78
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	64





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ClientSampleId : TP-TRACK-89-90-SOIL

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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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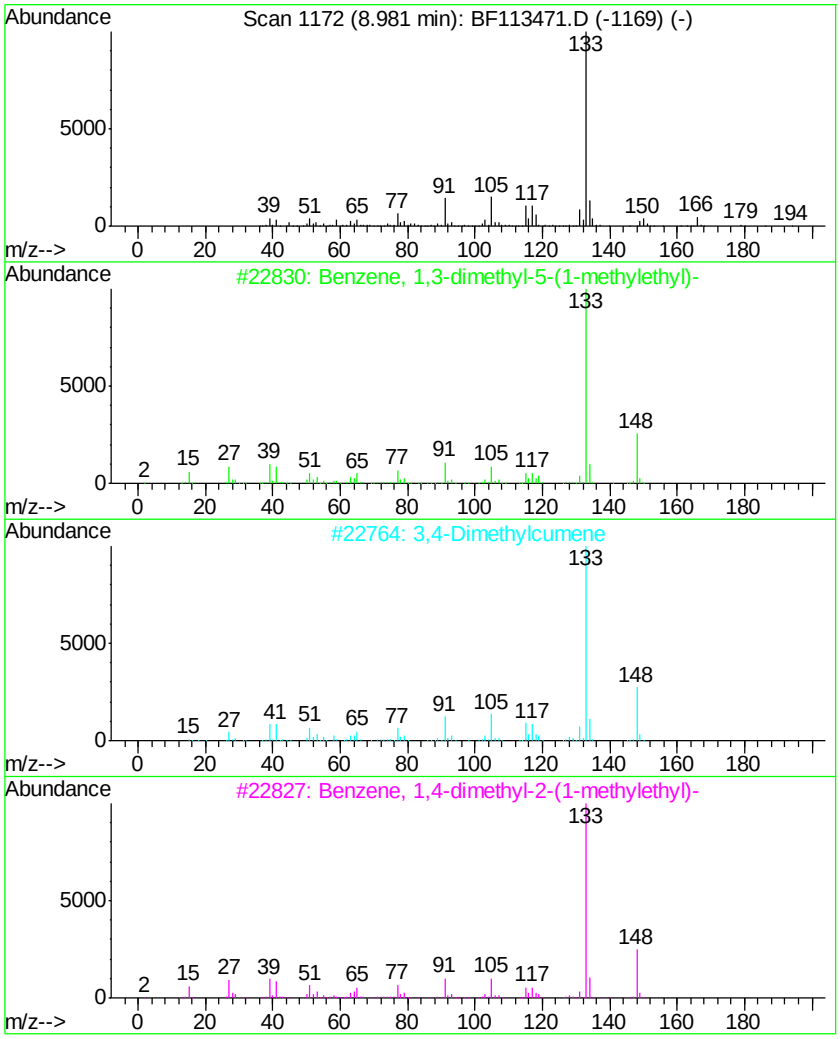
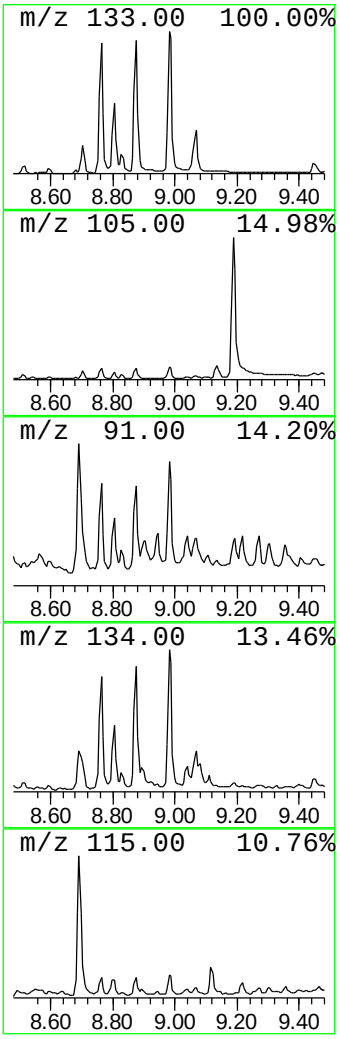
Peak Number 16 Benzene, 1-(chloromethyl)-2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	13.88 ng	865650	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	83
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	78
3	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	72
4	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	72
5	Benzene, 1-(chloromethyl)-2,4,5-...	168	C10H13Cl	010340-77-9	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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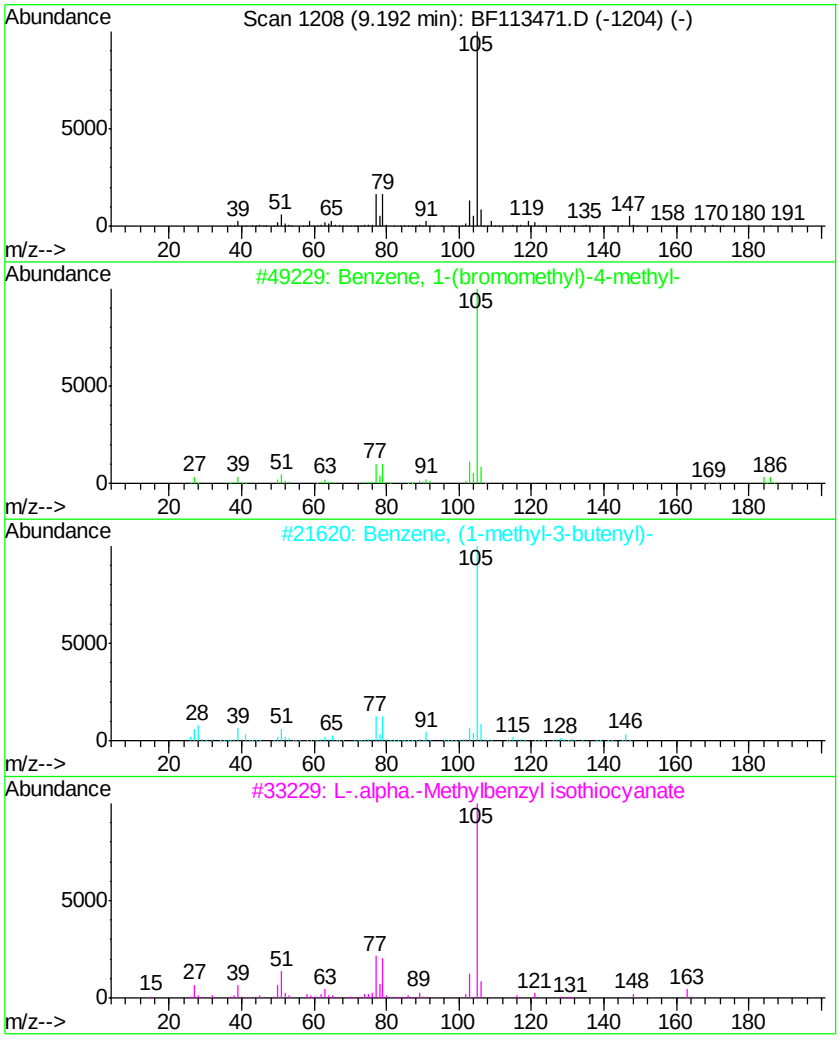
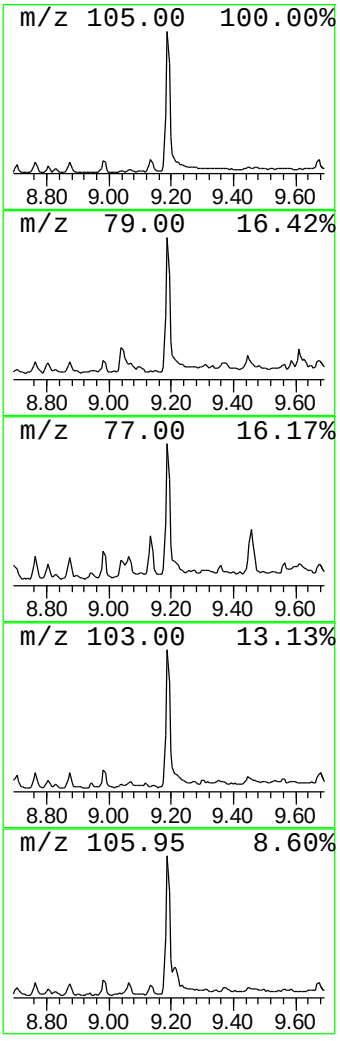
Peak Number 17 Benzene, 1-(bromomethyl)-4-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	19.96 ng	1244350	Acenaphthene-d10	9.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(bromomethyl)-4-methyl-	184	C8H9Br	000104-81-4	72
2	Benzene, (1-methyl-3-butenyl)-	146	C11H14	010340-49-5	72
3	L-.alpha.-Methylbenzyl isothiocy...	163	C9H9NS	024277-43-8	64
4	Thiophene, 2-(4-methylbenzylsulf...	252	C12H12O2S2	153837-88-8	59
5	Benzene, (1,3-dimethyl-3-butenyl)-	160	C12H16	056851-51-5	59





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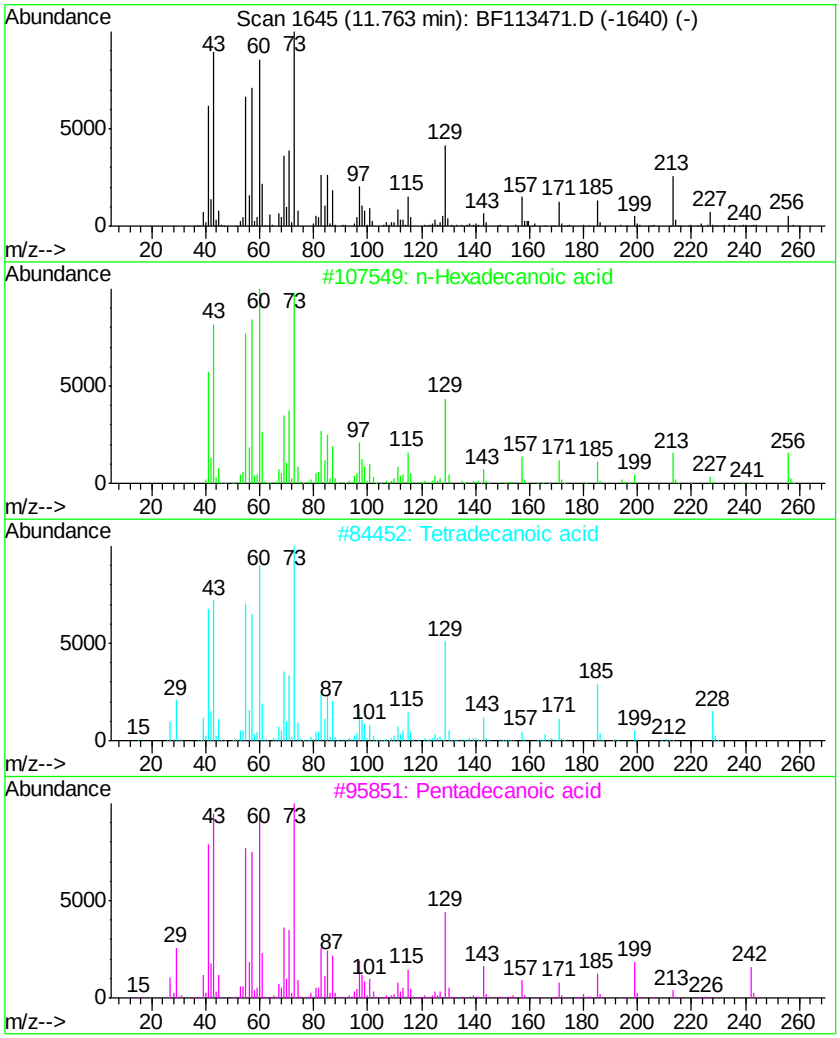
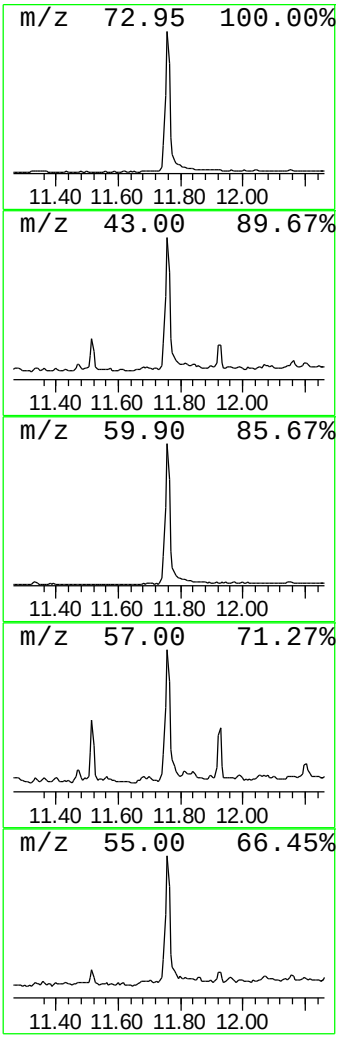
Peak Number 18 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	17.29 ng	1099810	Phenanthrene-d10	11.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	72
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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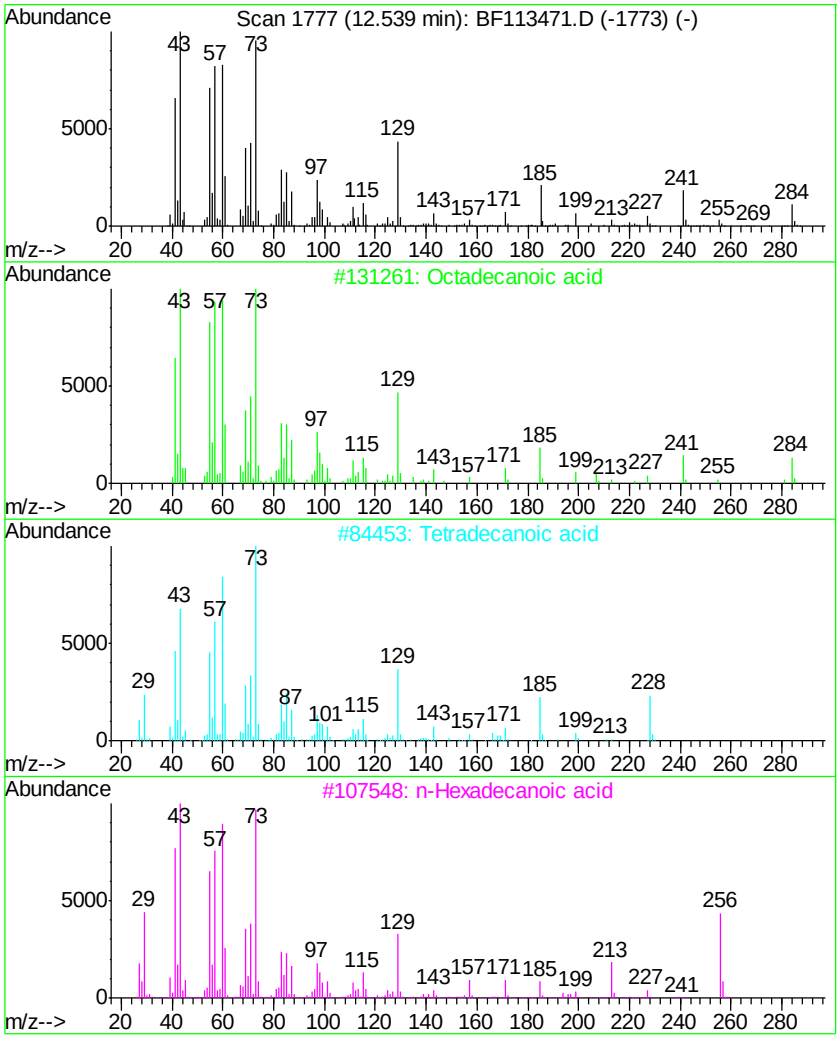
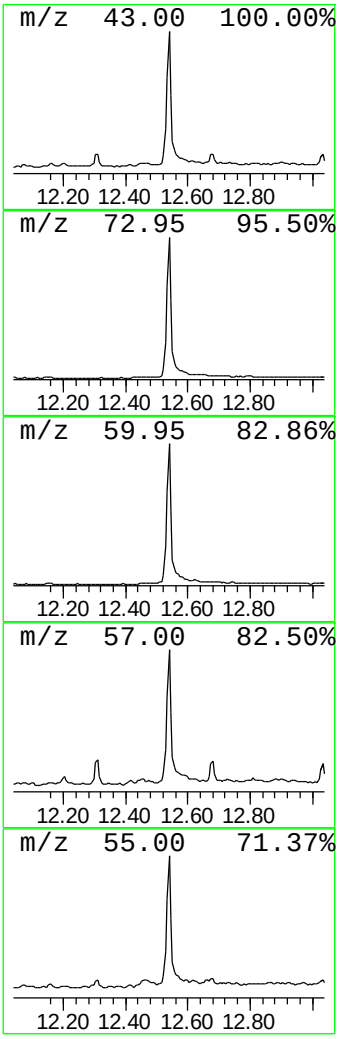
Peak Number 19 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	18.68 ng	1583300	Chrysene-d12	13.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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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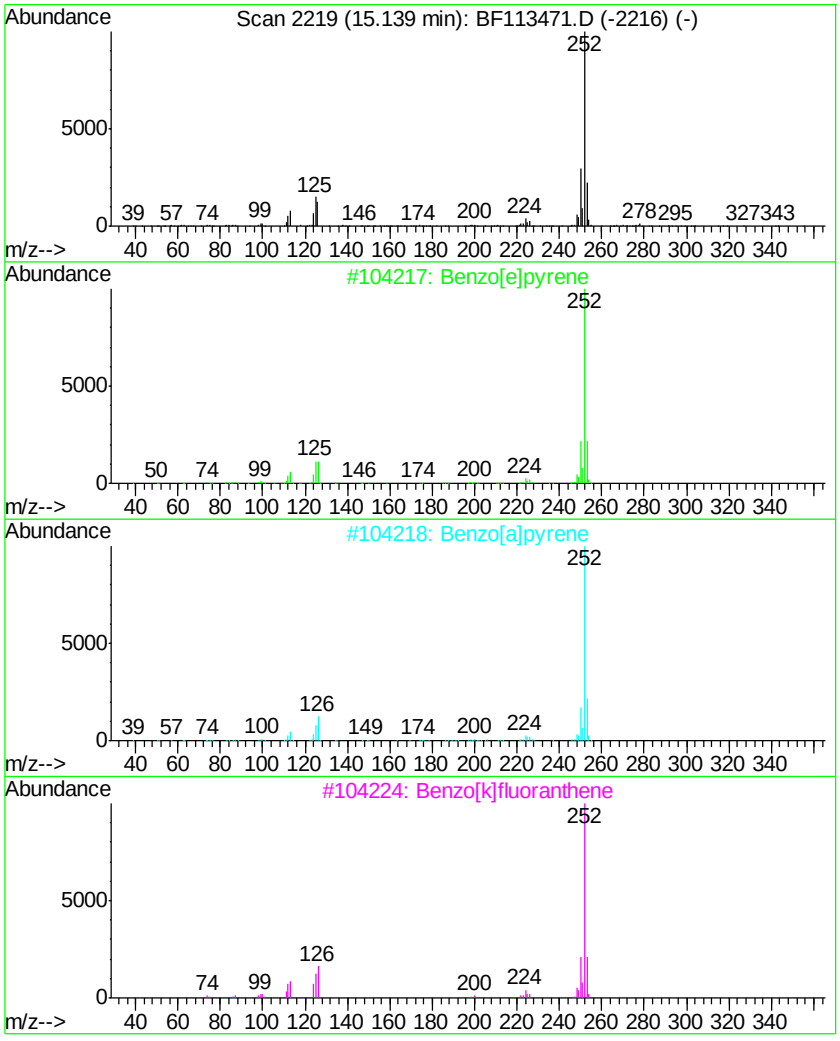
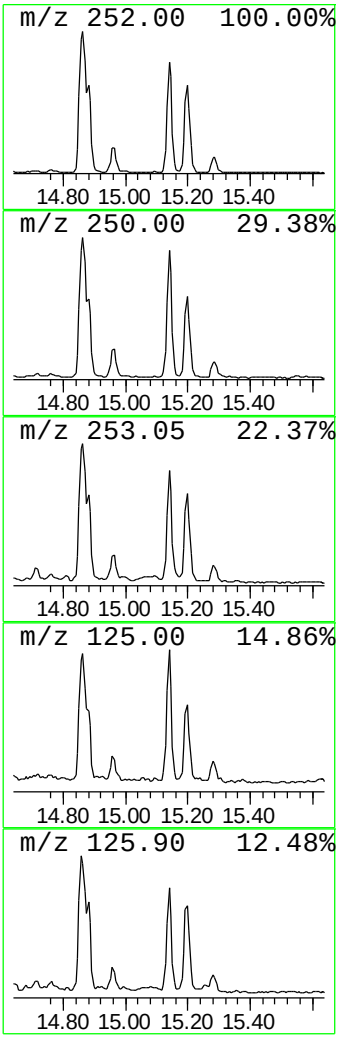
Peak Number 20 Benzo[e]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	10.37 ng	583695	Perylene-d12	15.26

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040119\
Data File : BF113471.D
Acq On : 1 Apr 2019 17:25
Operator : JU/SJ
Sample : K2186-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-TRACK-89-90-SOIL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.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
Bicyclo[4.1.0]hep...	3.24	12.0	ng	505528	1	6.70	844642	20.0
unknown6.48	6.48	66.3	ng	2798260	1	6.70	844642	20.0
Benzene, 1-etheny...	6.55	59.6	ng	2517640	1	6.70	844642	20.0
Benzene, cyclopro...	6.58	30.8	ng	1298620	1	6.70	844642	20.0
Benzene, 1-ethyny...	6.97	50.7	ng	2139850	1	6.70	844642	20.0
Benzene, 2-etheny...	7.33	20.8	ng	879661	1	6.70	844642	20.0
Benzene, (2-methy...	7.37	9.7	ng	624559	2	7.99	1289120	20.0
Benzenemethanethi...	7.57	66.2	ng	4263750	2	7.99	1289120	20.0
2-Methylindene	7.74	17.6	ng	1135030	2	7.99	1289120	20.0
Cycloprop[a]inden...	7.79	15.9	ng	1023260	2	7.99	1289120	20.0
o-Cymene	8.21	40.8	ng	2628760	2	7.99	1289120	20.0
Benzene, 1-methyl...	8.27	44.3	ng	2856980	2	7.99	1289120	20.0
Benzene, 1,3-dime...	8.87	10.8	ng	672105	3	9.74	1246950	20.0
Benzene, 1-(chlor...	8.98	13.9	ng	865650	3	9.74	1246950	20.0
Benzene, 1-(bromo...	9.19	20.0	ng	1244350	3	9.74	1246950	20.0
n-Hexadecanoic acid	11.76	17.3	ng	1099810	4	11.22	1271930	20.0
Octadecanoic acid	12.54	18.7	ng	1583300	5	13.85	1695420	20.0
Benzo[e]pyrene	15.14	10.4	ng	583695	6	15.26	1125400	20.0