LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

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-BF102318.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	5.592	590	596	599	rBV	2078673	2015592	17.52%	0.790%
2	5.998	657	665	668	rBV3	500366	734990	6.39%	0.288%
3	6.210	697	701	703	rBV	1068473	1290451	11.22%	0.506%
4	6.269	708	711	714	rVB	1073183	943539	8.20%	0.370%
5	6.404	729	734	738	rBV4	690889	1184018	10.29%	0.464%
6	6.463	741	744	747	rVB	911517	853760	7.42%	0.335%
7	6.510	747	752	760	rBV2	1607928	2603378	22.63%	1.020%
8	6.592	761	766	769	rBV	2272268	2530634	22.00%	0.992%
9	6.710	781	786	788	rBV2	1010782	1522877	13.24%	0.597%
10	6.739	788	791	798	rVB2	2662779	3891235	33.82%	1.525%
11	6.810	798	803	804	rBV2	821465	889580	7.73%	0.349%
12	6.881	812	815	820	rBV4	486739	931976	8.10%	0.365%
13	6.928	820	823	825	rBV4	752933	1014447	8.82%	0.398%
14	6.981	828	832	834	rVB2	3426999	3859445	33.54%	1.513%
15	7.022	834	839	843	rBV3	719011	1096251	9.53%	0.430%
16	7.075	843	848	851	rBV3	1243572	1878189	16.32%	0.736%
17	7.110	851	854	856	rBV2	1628071	1814198	15.77%	0.711%
18	7.192	866	868	870	rBV	925161	793231	6.89%	0.311%
19	7.222	870	873	874	rBV2	751660	785805	6.83%	0.308%
20	7.239	874	876	879	rVB	2300132	2289595	19.90%	0.897%
21	7.375	891	899	901	rBV3	1855484	2767895	24.06%	1.085%
22	7.445	907	911	916	rBV4	672101	1405646	12.22%	0.551%
23	7.504	916	921	924	rBV3	3257650	4585381	39.85%	1.797%
24	7.539	924	927	931	rVB4	1996907	2454560	21.33%	0.962%
25	7.616	935	940	943	rBV5	2959318	4763612	41.40%	1.867%
26	7.675	943	950	954	rBV6	1866453	4229630	36.76%	1.658%
27	7.716	954	957	959	rBV4	588483	760950	6.61%	0.298%
28	7.745	959	962	965	rBV3	2008327	2082232	18.10%	0.816%
29	7.775	965	967	968	rBV	1329220	1043965	9.07%	0.409%
30	7.851	976	980	982	rBV3	1535634	2141682	18.61%	0.839%
31	7.875	982	984	986	rVV	1556040	1326148	11.53%	0.520%
32	7.904	986	989	991	rVV3	3242901	3123310	27.15%	1.224%
33	7.928	991	993	997	rVB3	2086973	2403665	20.89%	0.942%
34	7.975	997	1001	1002	rBV3	1208612	1313027	11.41%	0.515%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.998	1002	1005	1007	rBV	1213141	887308	7.71%	0.348%
36	8.022	1007	1009	1011	rVB2	1007904	773738	6.73%	0.303%
37	8.075	1014	1018	1021	rBV4	1563554	2007985	17.45%	0.787%
38	8.128	1024	1027	1030	rVB2	1809517	1949518	16.94%	0.764%
39	8.163	1030	1033	1036	rBV2	914298	1262344	10.97%	0.495%
40	8.216	1036	1042	1044	rBV4	1662366	2687870	23.36%	1.053%
41	8.251	1044	1048	1051	rBV3	2271386	3101640	26.96%	1.216%
42	8.322	1056	1060	1062	rVB2	5121391	7499753	65.19%	2.939%
43	8.351	1062	1065	1067	rBV2	2251988	2145150	18.64%	0.841%
44	8.416	1073	1076	1077	rBV2	991986	980370	8.52%	0.384%
45	8.469	1082	1085	1089	rVB3	2192697	2785510	24.21%	1.092%
46	8.510	1090	1092	1094	rBV3	773168	748617	6.51%	0.293%
47	8.557	1095	1100	1104	rVB5	3201736	4940250	42.94%	1.936%
48	8.610	1104	1109	1112	rBV4	1546315	2469938	21.47%	0.968%
49	8.651	1112	1116	1119	rBV	2408452	3147860	27.36%	1.234%
50	8.692	1119	1123	1125	rBV	5080686	5317554	46.22%	2.084%
51	8.780	1134	1138	1140	rBV2	3191004	3647152	31.70%	1.429%
52	8.833	1145	1147	1149	rVB	1347395	970467	8.43%	0.380%
53	8.863	1149	1152	1155	rBV4	1653068	2268057	19.71%	0.889%
54	9.022	1176	1179	1181	rBV3	1740610	1581679	13.75%	0.620%
55	9.051	1181	1184	1186	rBV3	1670993	2052737	17.84%	0.805%
56	9.098	1189	1192	1194	rVB2	2644884	2980723	25.91%	1.168%
57	9.180	1203	1206	1210	rVB5	2489567	2790085	24.25%	1.094%
58	9.216	1210	1212	1215	rBV3	1140242	1175401	10.22%	0.461%
59	9.298	1222	1226	1231	rVB3	5283774	7389791	64.23%	2.896%
60	9.345	1232	1234	1236	rBV	1856437	1546100	13.44%	0.606%
61	9.433	1245	1249	1254	rBV3	3491807	5307795	46.13%	2.080%
62	9.633	1278	1283	1286	rVB2	3188591	5536040	48.12%	2.170%
63	9.710	1291	1296	1299	rBV2	2514505	5009517	43.54%	1.963%
64	9.910	1327	1330	1332	rBV2	2662356	2379317	20.68%	0.933%
65	9.957	1336	1338	1343	rVB5	2181208	2137290	18.58%	0.838%
66	10.004	1343	1346	1348	rBV3	1314013	1773066	15.41%	0.695%
67	10.074	1355	1358	1361	rBV3	1777913	2500232	21.73%	0.980%
68	10.151	1367	1371	1375	rBV2	2626864	4757864	41.35%	1.865%
69	10.192	1375	1378	1381	rVV4	2190279	3036359	26.39%	1.190%
70	10.227	1381	1384	1385	rVV	2246782	2361871	20.53%	0.926%
71	10.251	1385	1388	1391	rVV	3467901	4177310	36.31%	1.637%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

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-BF102318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.298	1391	1396	1400	rVB4	3717656	5273446	45.83%	2.067%
73	10.369	1404	1408	1410	rBV2	3354036	4813406	41.84%	1.887%
74	10.398	1410	1413	1418	rVB3	3758798	4252853	36.96%	1.667%
75	10.457	1418	1423	1425	rBV3	2808504	4447137	38.65%	1.743%
76	10.480	1425	1427	1431	rVB3	1876673	2003956	17.42%	0.785%
77	10.592	1443	1446	1448	rBV2	1647691	1578508	13.72%	0.619%
78	10.686	1456	1462	1464	rBV2	4415282	7020400	61.02%	2.752%
79	10.733	1468	1470	1473	rBV2	1443114	1683098	14.63%	0.660%
80	10.804	1479	1482	1485	rVB3	1627029	1876830	16.31%	0.736%
81	10.833	1485	1487	1491	rVV4	1429970	1861691	16.18%	0.730%
82	10.869	1491	1493	1495	rVB	1856576	1476689	12.83%	0.579%
83	10.963	1502	1509	1512	rBV2	6106929	11505308	100.00%	4.509%
84	11.180	1544	1546	1548	rBV2	1496181	1231419	10.70%	0.483%
85	11.263	1557	1560	1561	rBV2	1445638	1572647	13.67%	0.616%
86	11.416	1581	1586	1593	rVB	5041299	7916153	68.80%	3.103%
87	11.568	1609	1612	1614	rBV	1716052	1554703	13.51%	0.609%
88	11.757	1641	1644	1652	rVB4	2028552	2551508	22.18%	1.000%
89	12.039	1689	1692	1694	rBV	1747390	1837313	15.97%	0.720%
90	12.068	1694	1697	1700	rVB	2267112	2735441	23.78%	1.072%
91	12.145	1708	1710	1713	rBV2	1359961	1547912	13.45%	0.607%
92	12.174	1713	1715	1719	rVB	1881506	1744750	15.16%	0.684%
93	12.480	1765	1767	1770	rVB2	1267792	1157981	10.06%	0.454%
94	12.515	1770	1773	1775	rVV	922422	806611	7.01%	0.316%
95	12.592	1783	1786	1789	rBV	1958599	2029306	17.64%	0.795%
96	12.921	1840	1842	1846	rVB2	710353	734358	6.38%	0.288%
97	12.986	1850	1853	1857	rVV2	1001659	1224809	10.65%	0.480%
98	13.027	1857	1860	1864	rVB	1104753	1215200	10.56%	0.476%
99	13.104	1870	1873	1875	rVB	1701229	1323538	11.50%	0.519%
100	14.162	2049	2053	2062	rVB	658487	754858	6.56%	0.296%

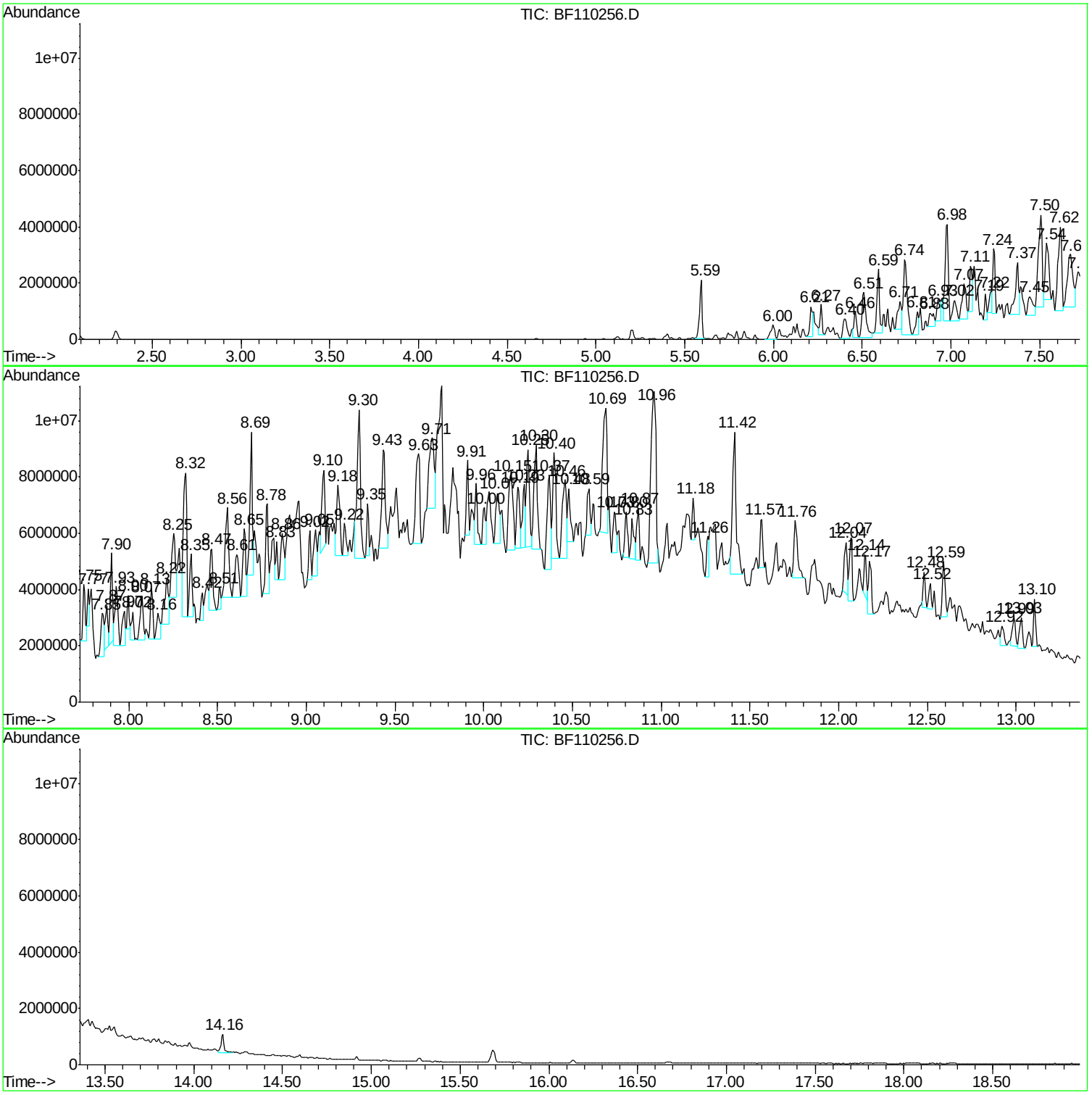
Sum of corrected areas: 255140981

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

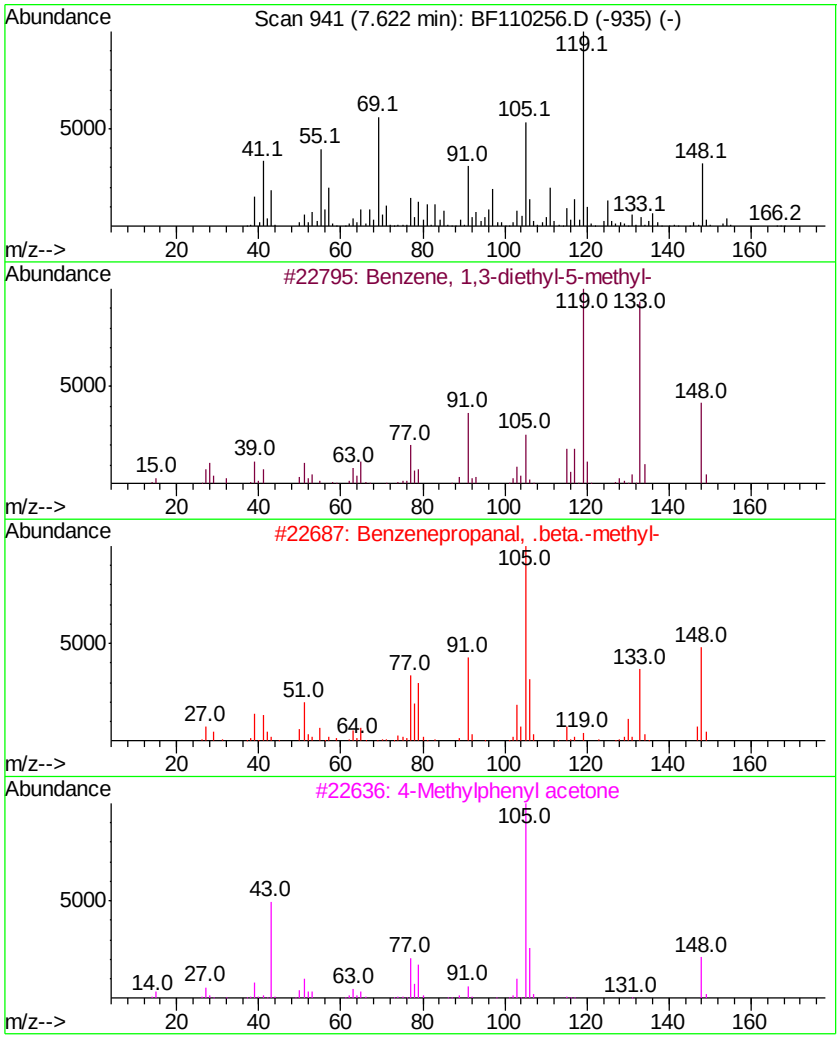
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

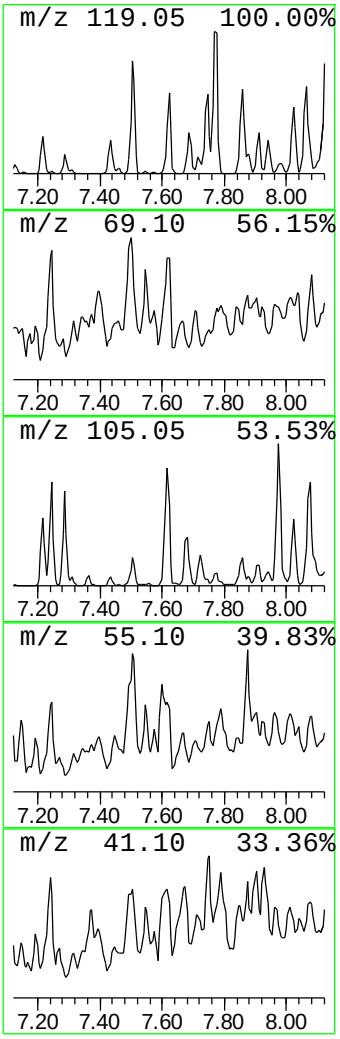
****

Peak Number 1 unknown7.62 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	30.72 ng	4763610	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	30
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	30
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	25
4	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	25
5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

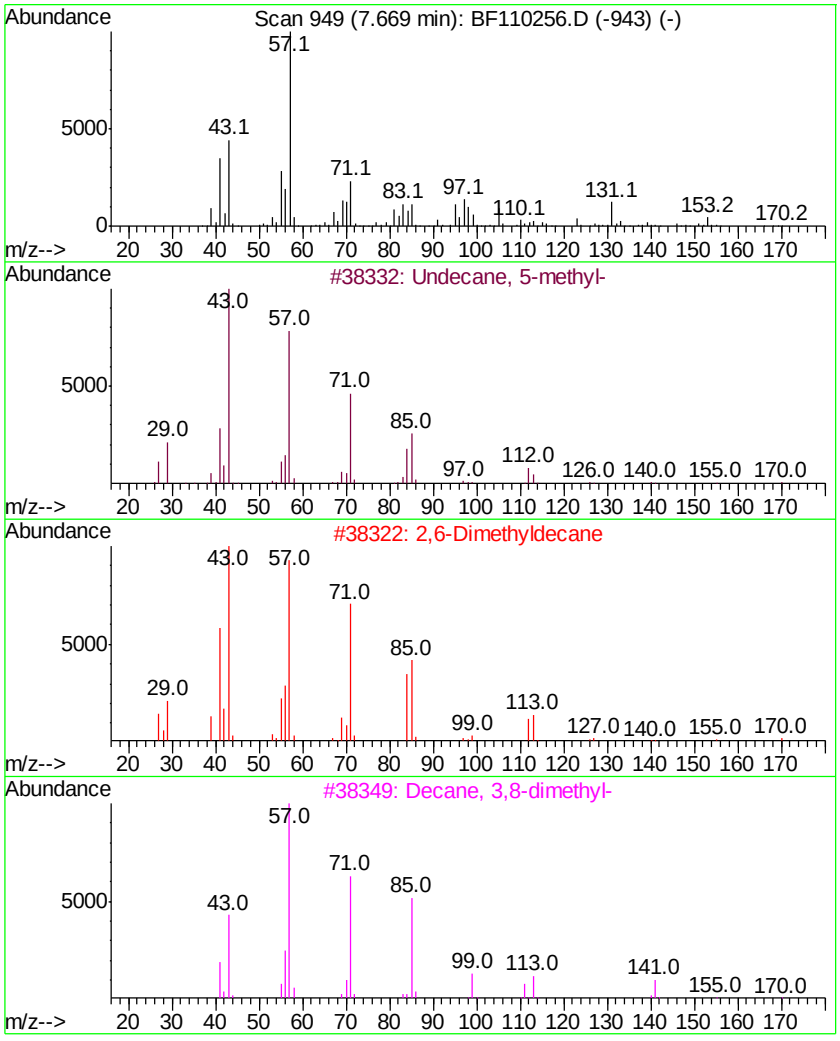
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

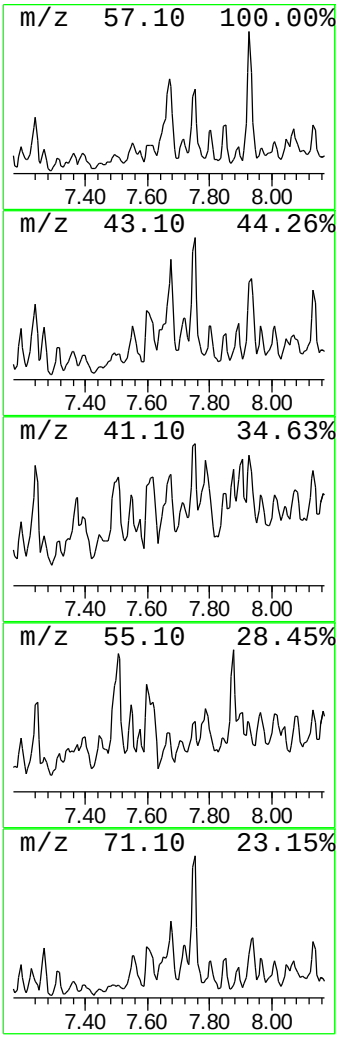
****

Peak Number 2 Undecane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	27.27 ng	4229630	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	52
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	52
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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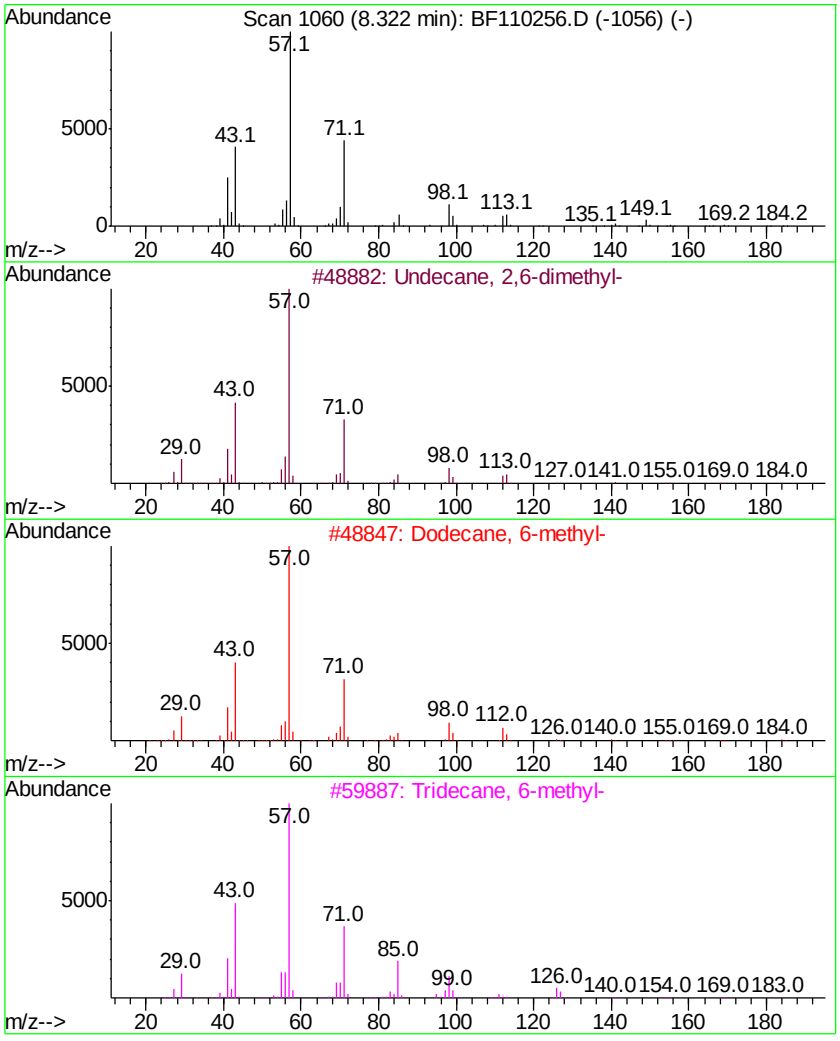
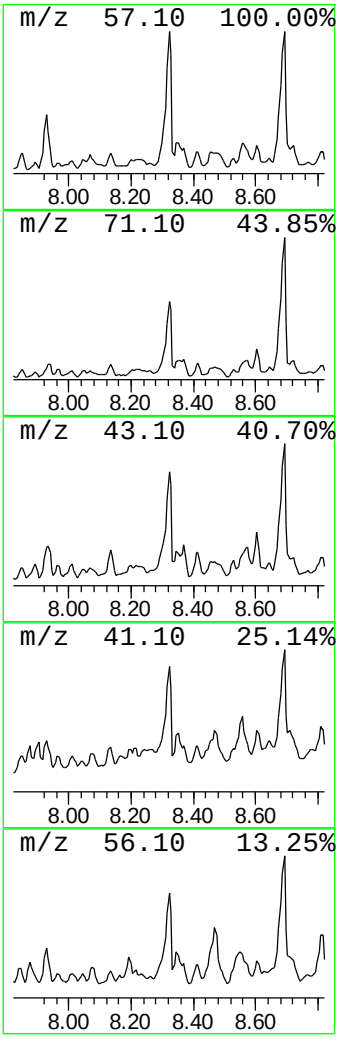
Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	48.36 ng	7499750	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	72
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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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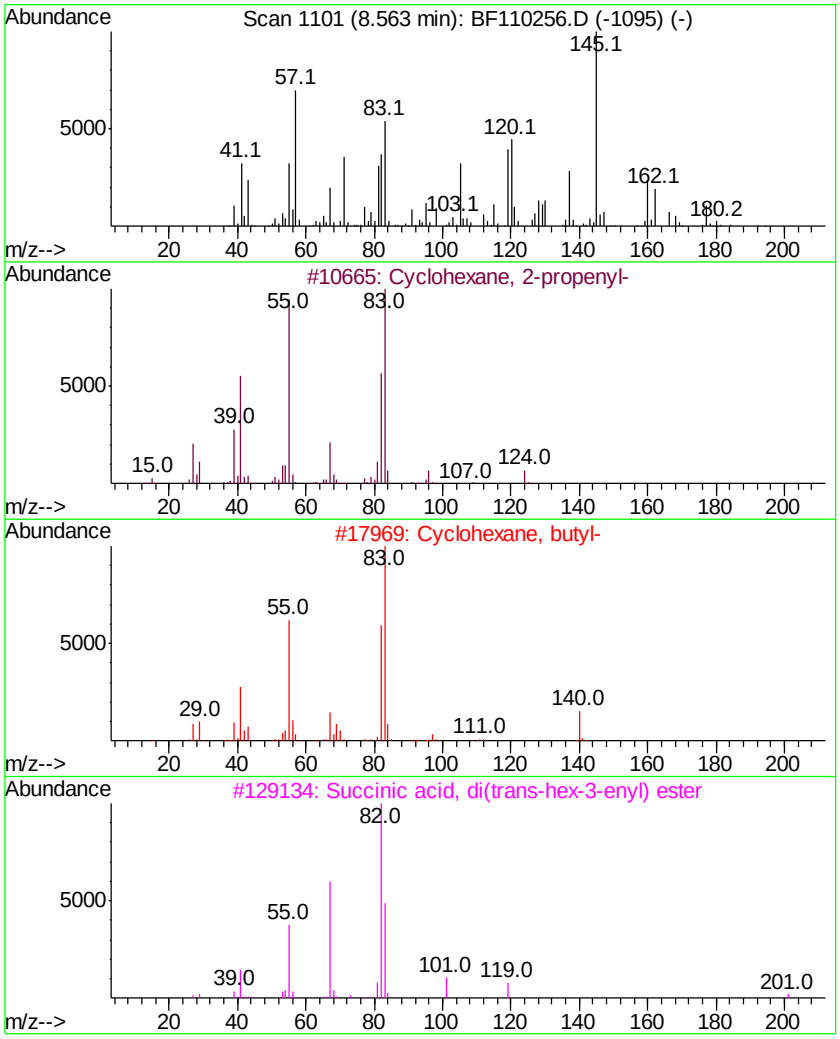
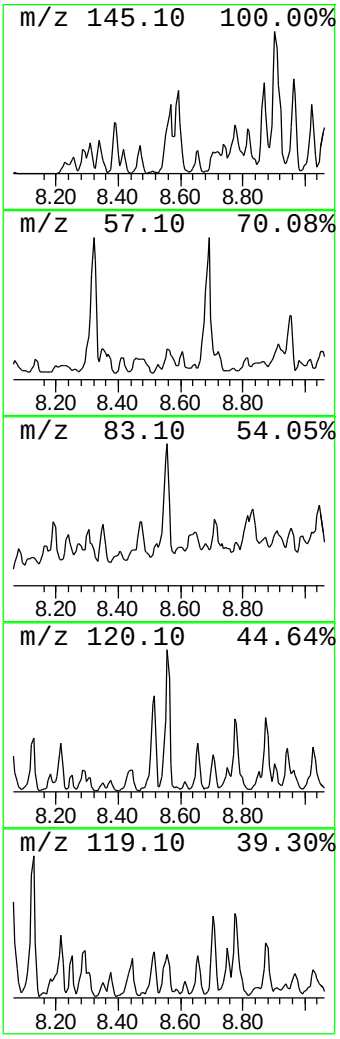
Peak Number 4 unknown8.56 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	31.86 ng	4940250	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	22
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	22
3	Succinic acid, di(trans-hex-3-en...	282	C16H26O4	1000353-43-7	22
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	22
5	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

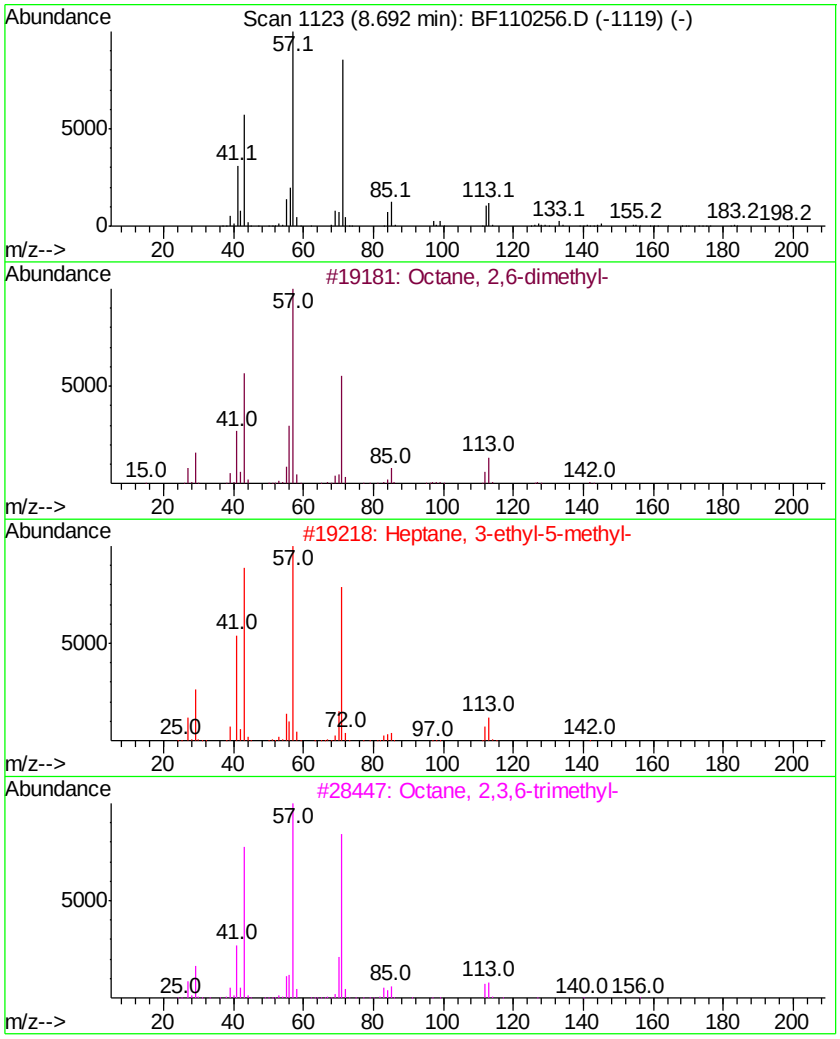
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

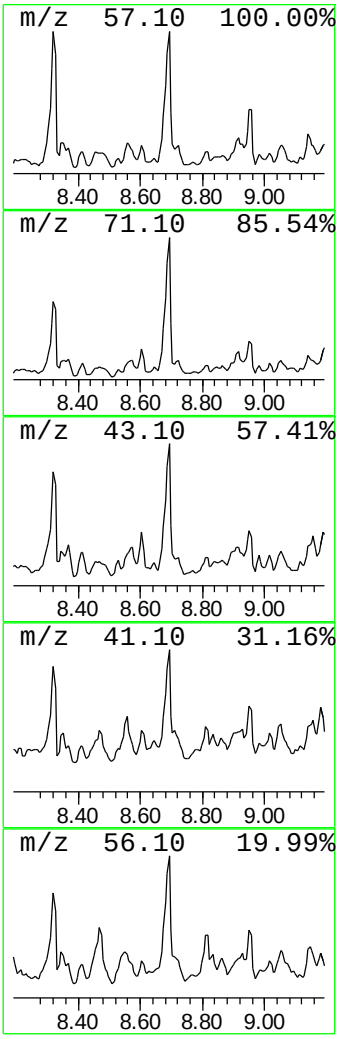
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	34.29 ng	5317550	Naphthalene-d8	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	80
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
4	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	72
5	Oxalic acid, 2-ethylhexyl isobut...	258	C14H26O4	1000309-38-5	64





Library Search Compound Report

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Operator : JU/SJ
Sample : J5703-01
Misc :
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Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

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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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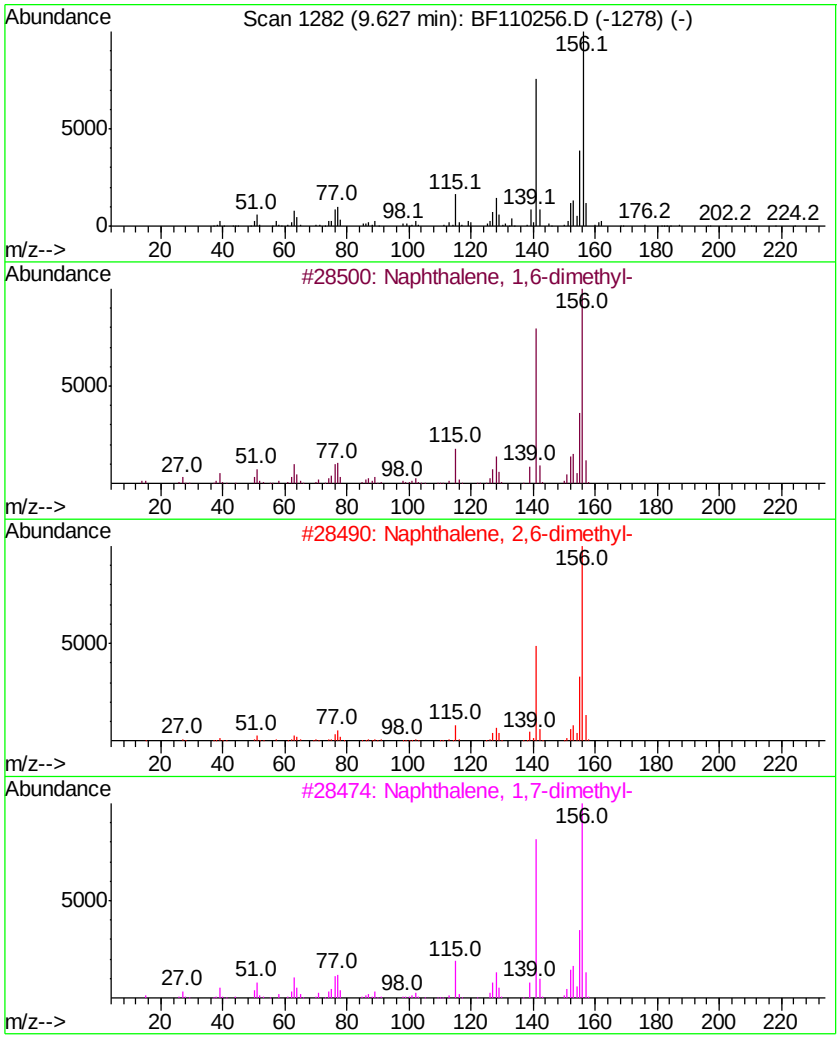
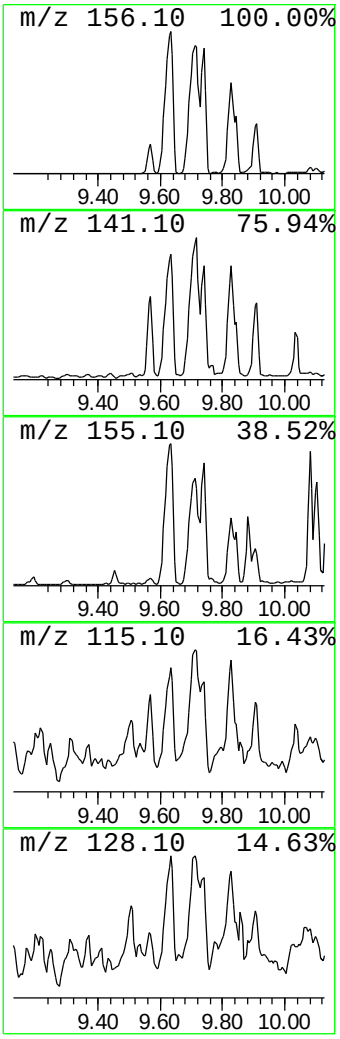
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	44.28 ng	5536040	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

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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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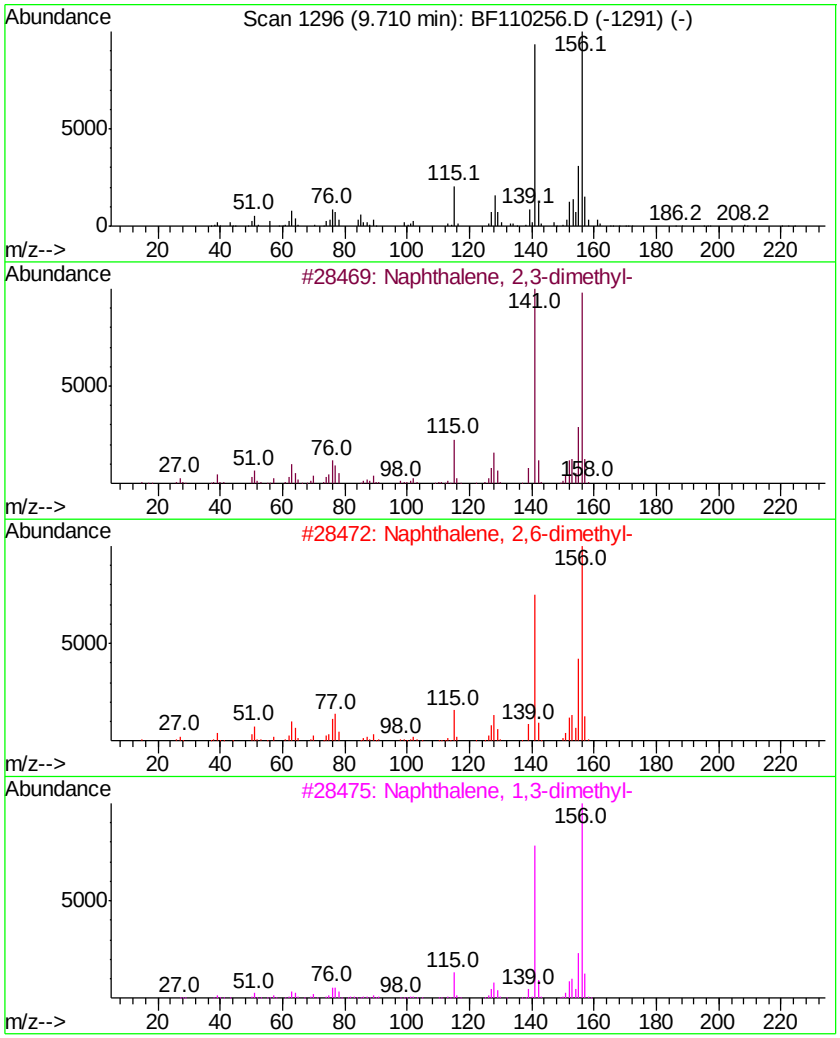
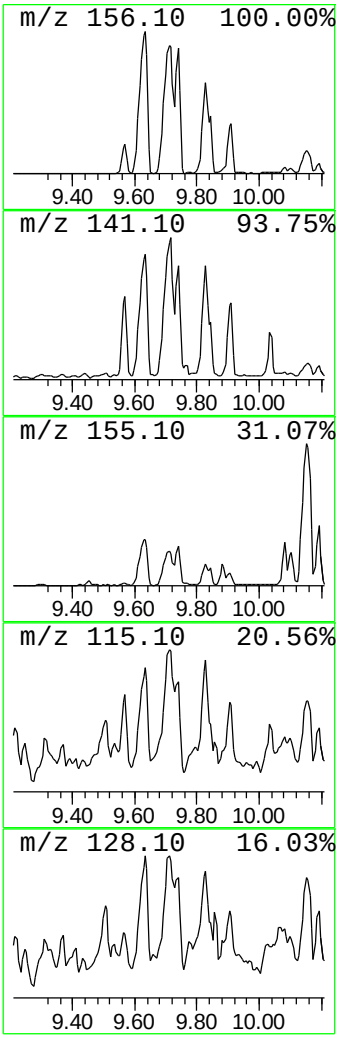
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	40.07 ng	5009520	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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ClientSampleId : TRENCH-01-BASE

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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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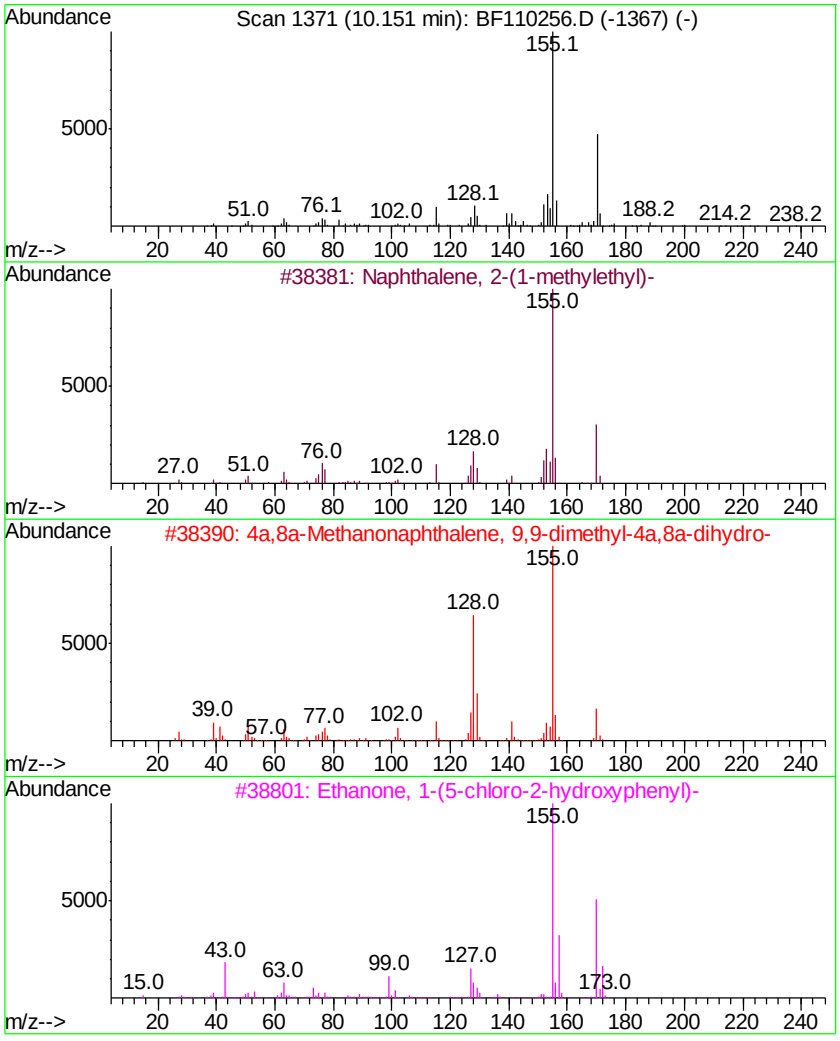
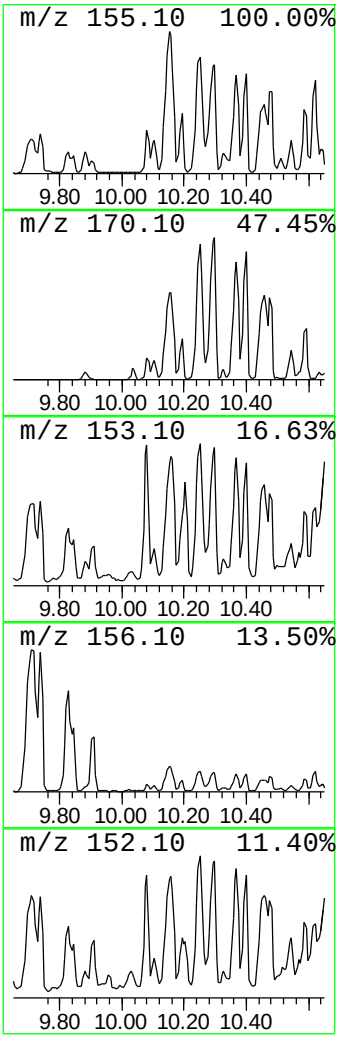
Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	38.06 ng	4757860	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	90
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72





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ClientSampleId : TRENCH-01-BASE

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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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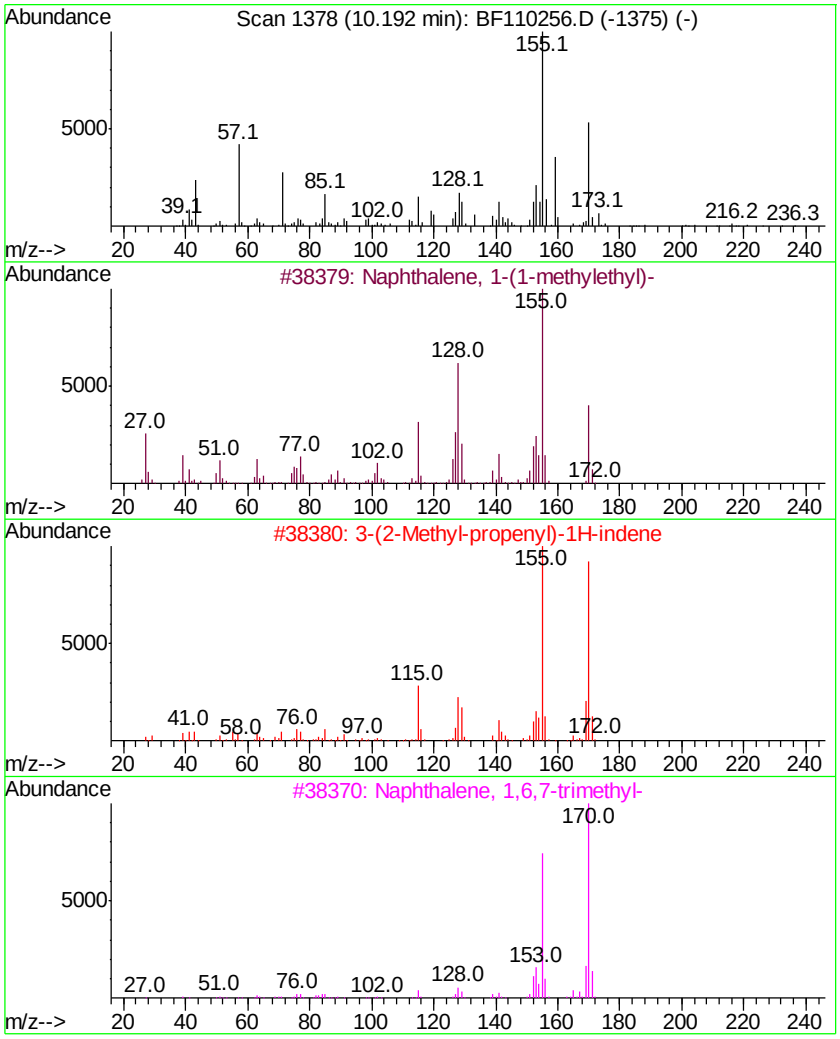
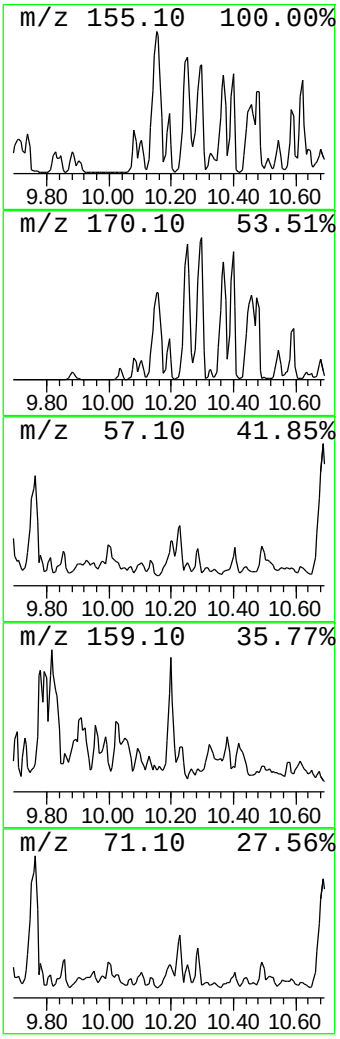
Peak Number 9 Naphthalene, 1-(1-methyleth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	24.29 ng	3036360	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	93
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





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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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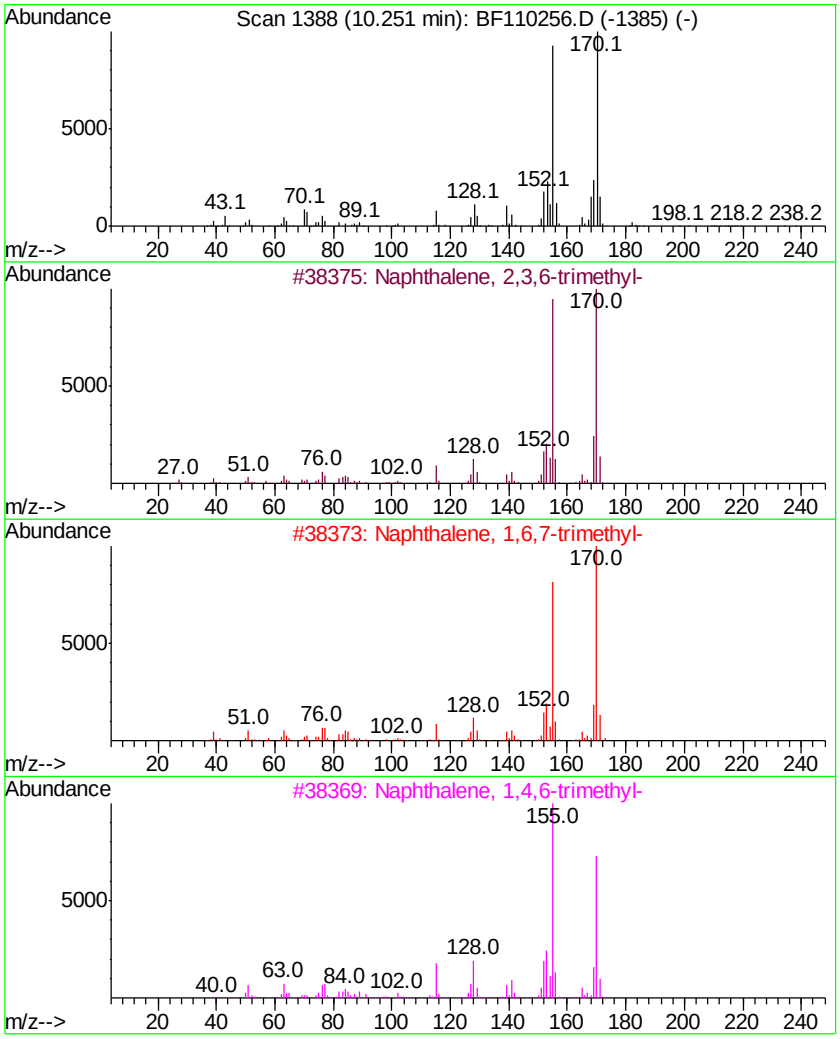
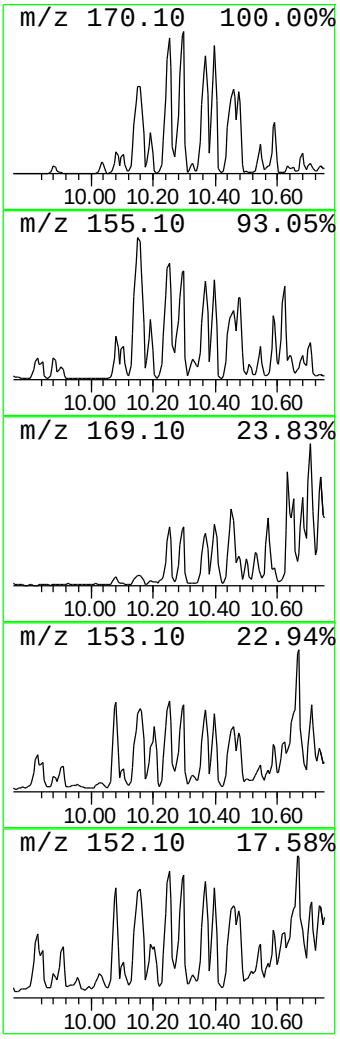
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	33.42 ng	4177310	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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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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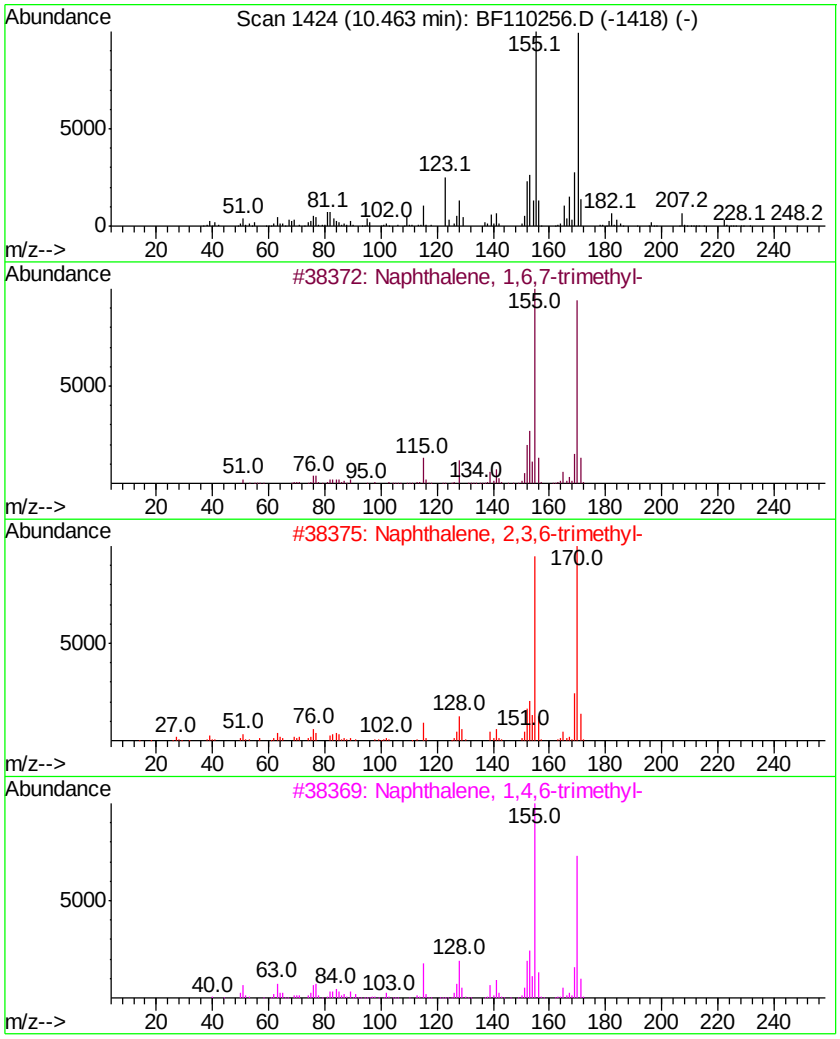
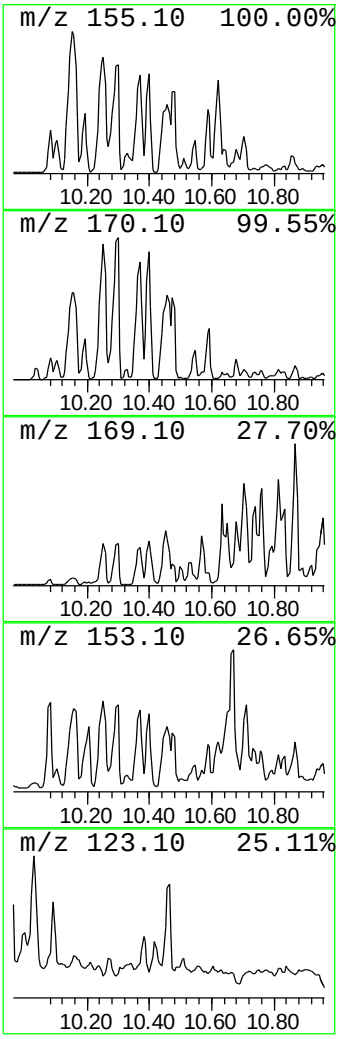
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	35.57 ng	4447140	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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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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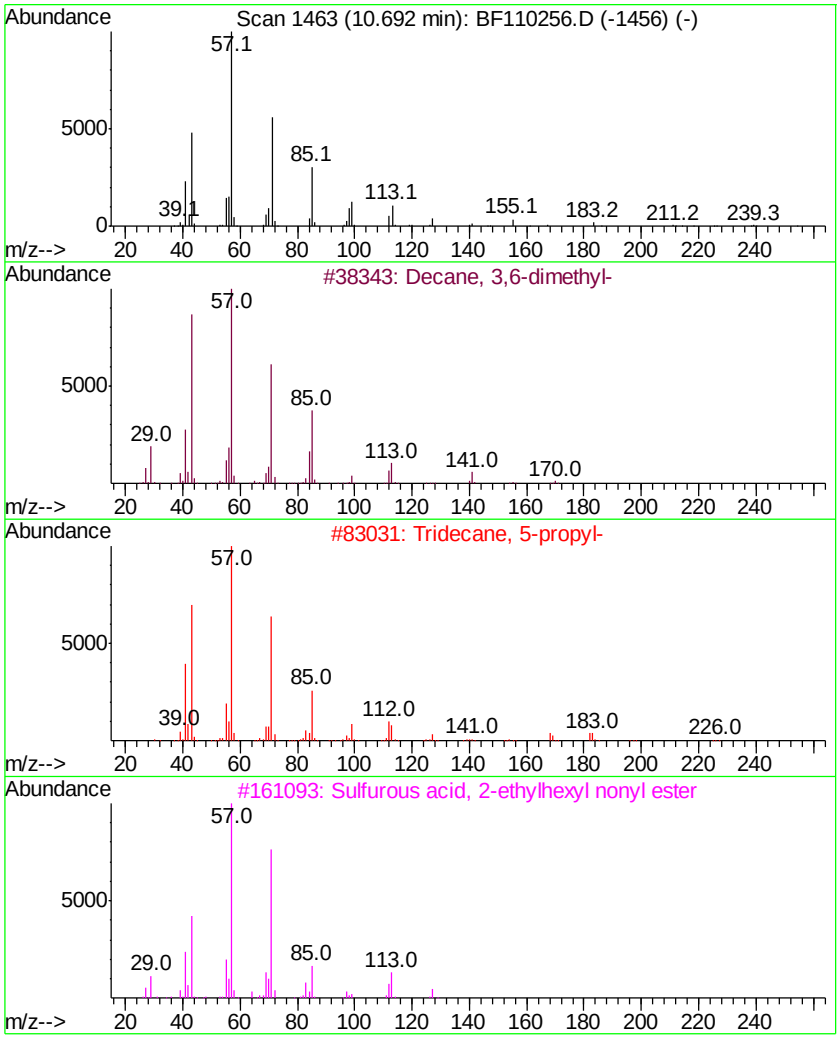
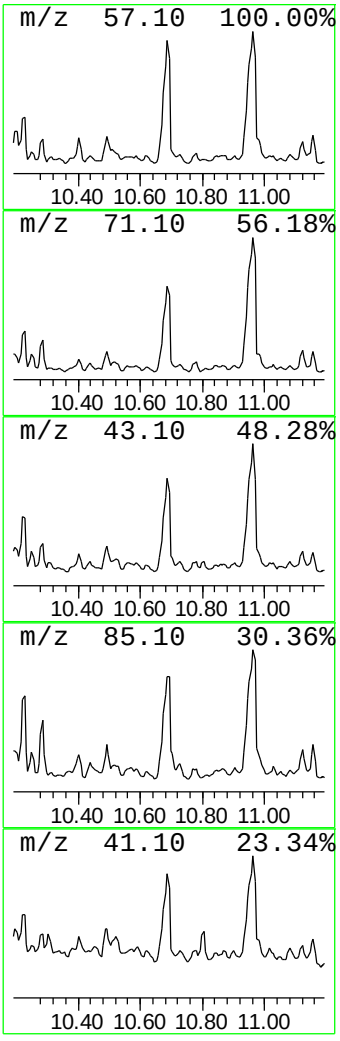
Peak Number 15 Decane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	56.16 ng	7020400	Acenaphthene-d10	10.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	81
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





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Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

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

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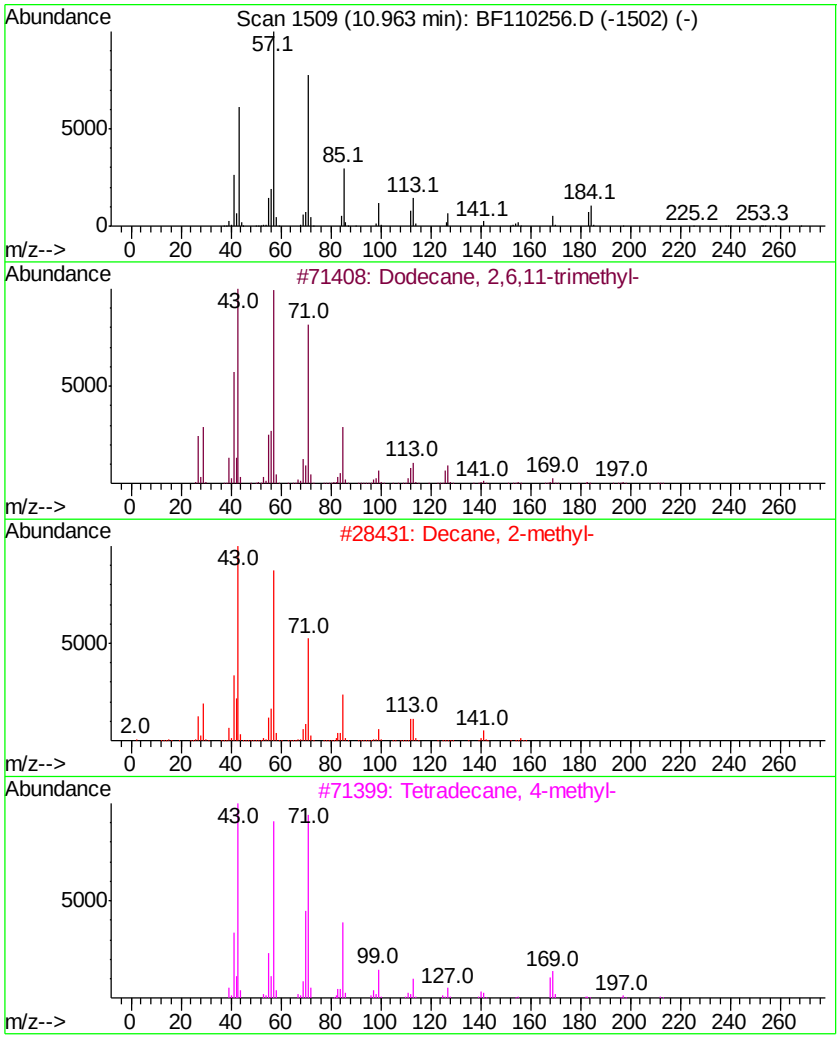
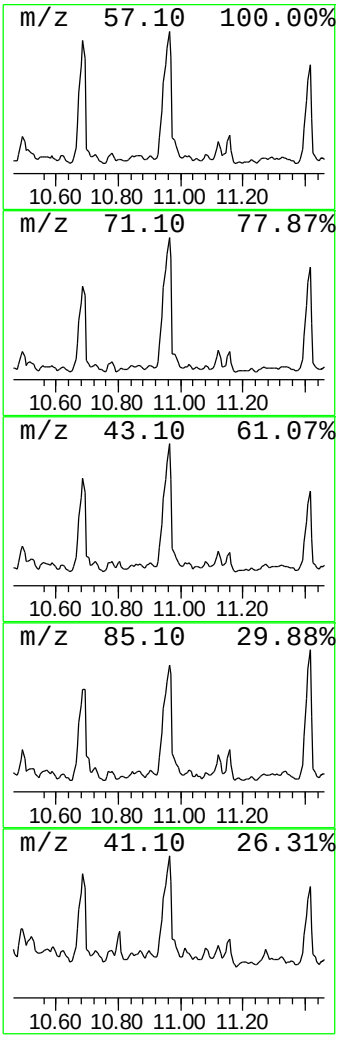
Peak Number 16 Dodecane, 2,6,11-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	148.01 ng	11505300	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	87
2	Decane, 2-methyl-	156	C11H24	006975-98-0	83
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	81
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	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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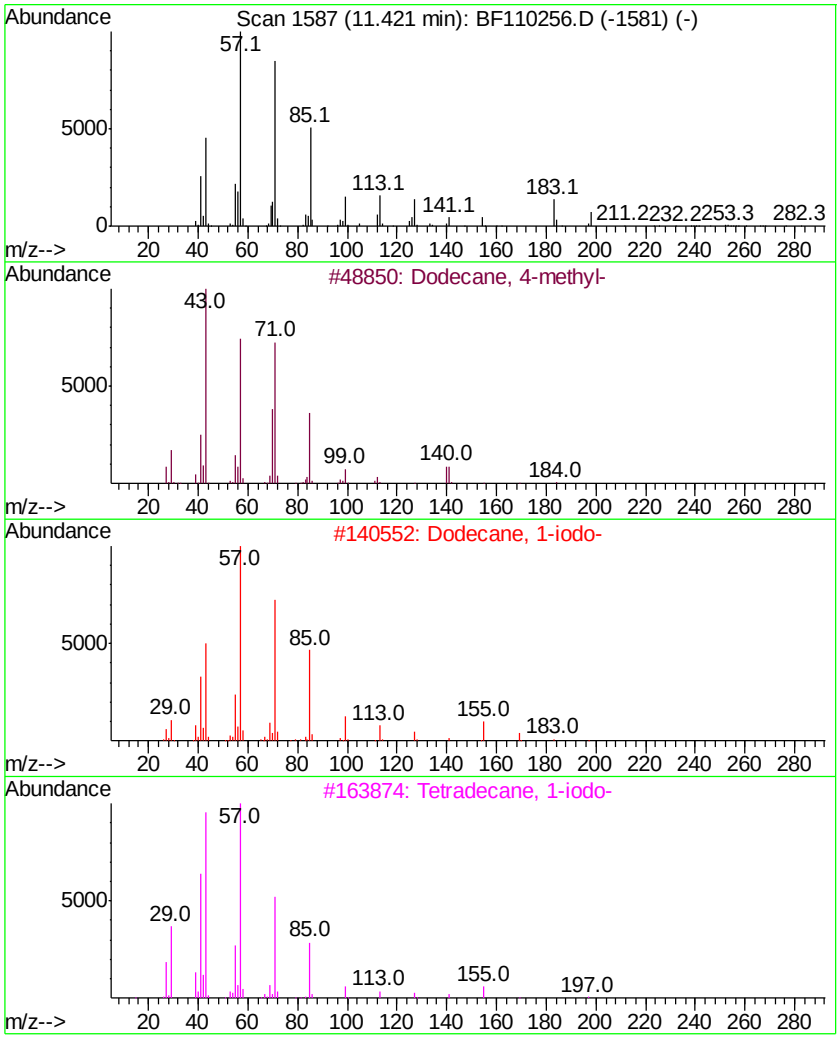
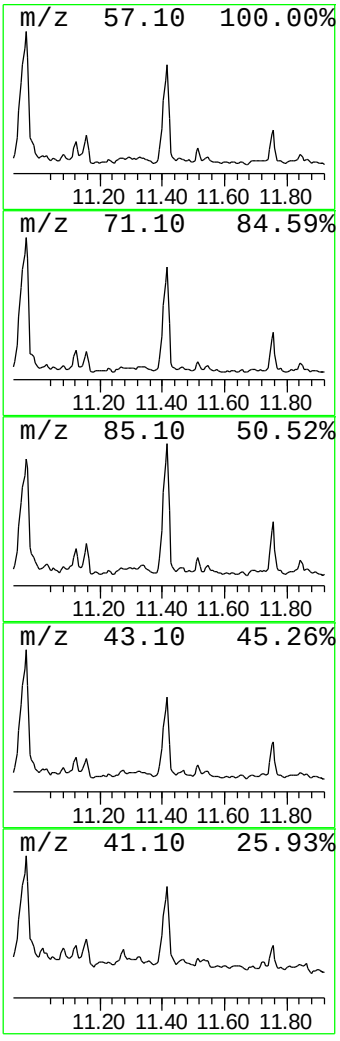
Peak Number 17 Dodecane, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	101.84 ng	7916150	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





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

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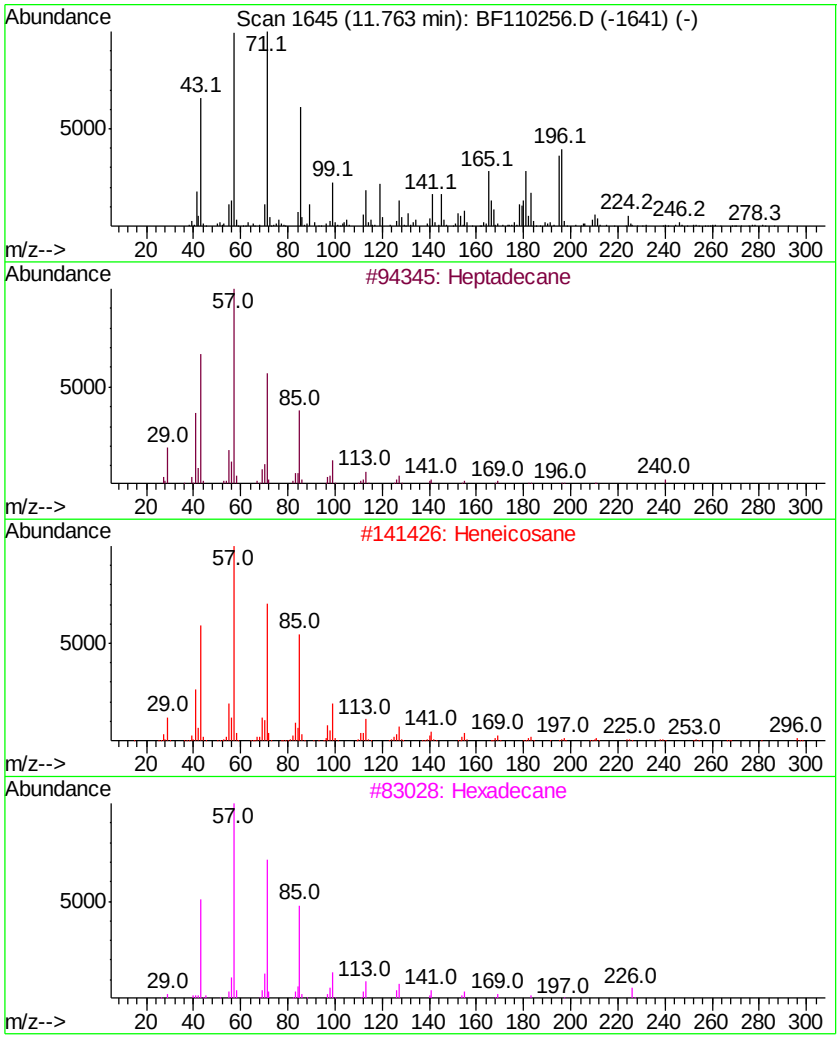
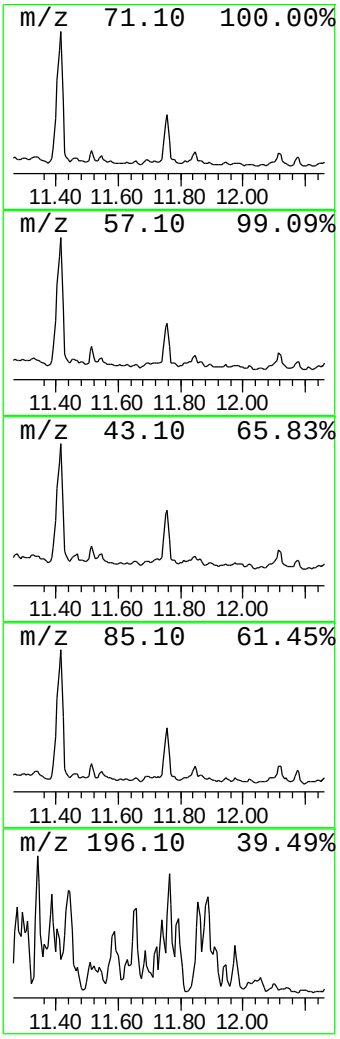
Peak Number 18 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	32.82 ng	2551510	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	90
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90





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

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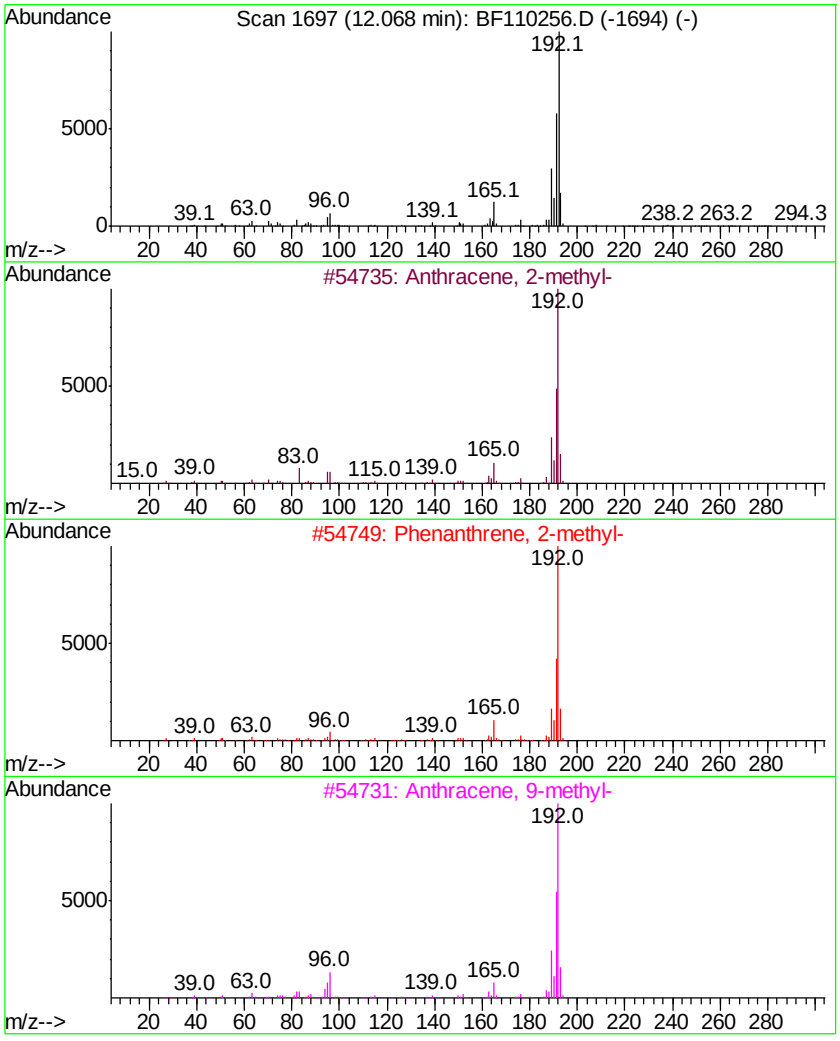
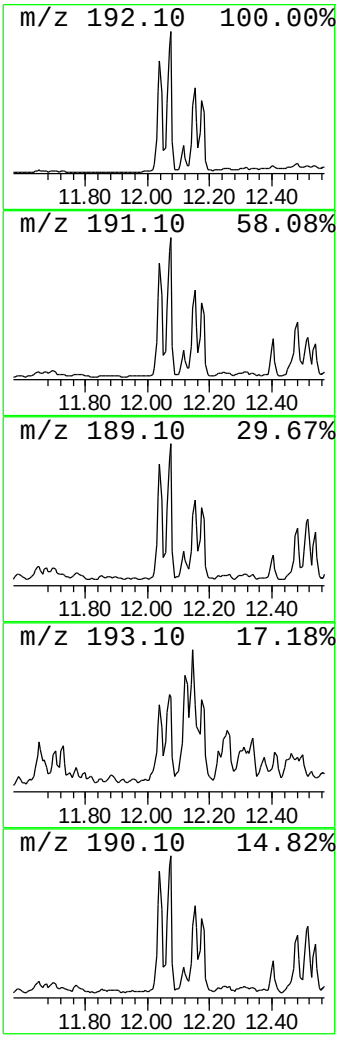
Peak Number 19 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	35.19 ng	2735440	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

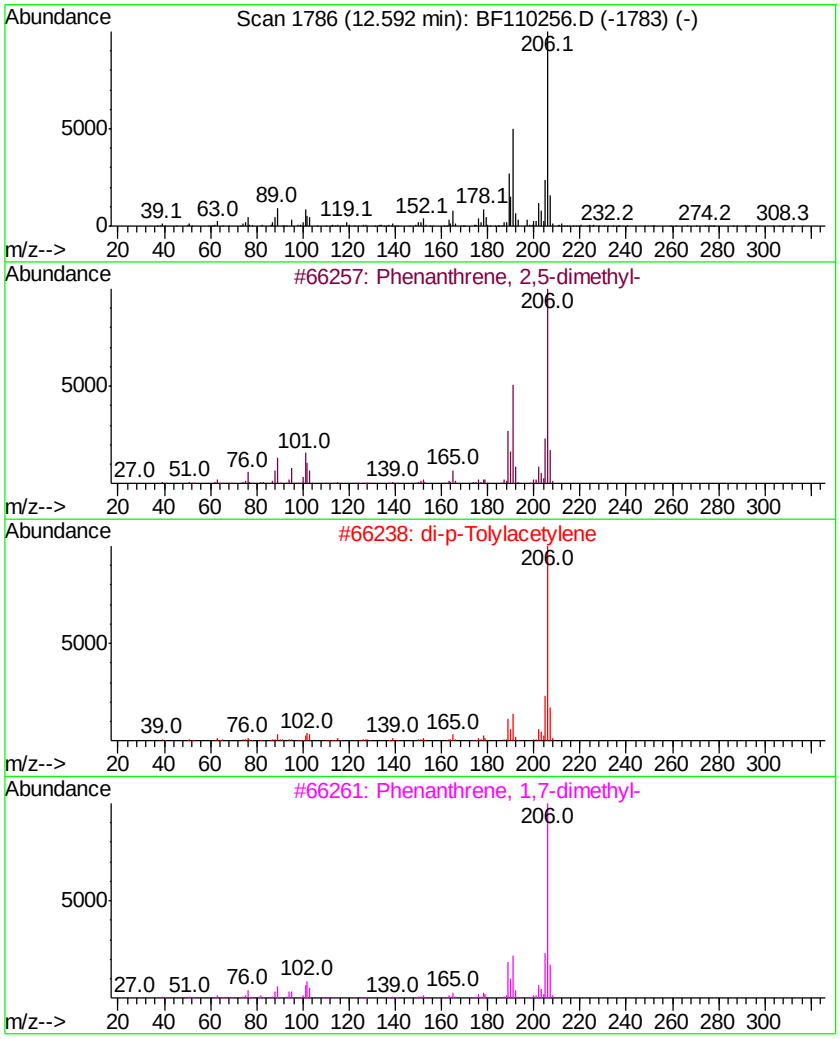
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

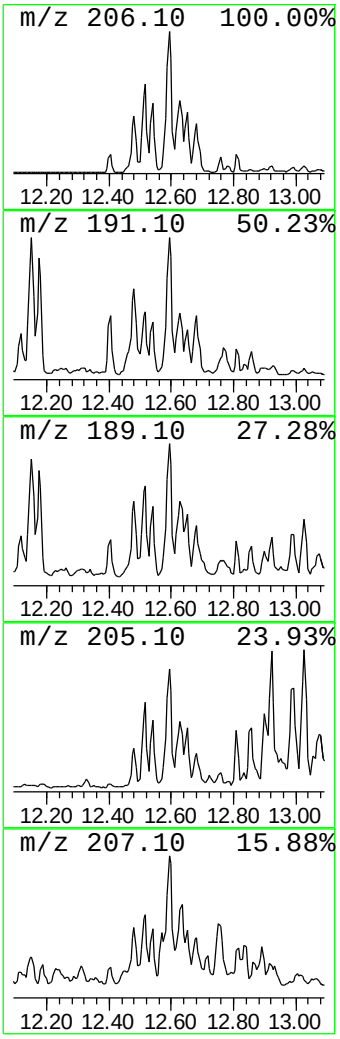
****

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	26.11 ng	2029310	Phenanthrene-d10	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102918\
Data File : BF110256.D
Acq On : 29 Oct 2018 12:25
Operator : JU/SJ
Sample : J5703-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TRENCH-01-BASE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.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
unknown7.62	7.62	30.7	ng	4763610	2	8.26	3101640	20.0
Undecane, 5-methyl-	7.67	27.3	ng	4229630	2	8.26	3101640	20.0
Undecane, 2,6-dim...	8.32	48.4	ng	7499750	2	8.26	3101640	20.0
unknown8.56	8.56	31.9	ng	4940250	2	8.26	3101640	20.0
Octane, 2,6-dimet...	8.69	34.3	ng	5317550	2	8.26	3101640	20.0
Naphthalene, 1,6-...	9.63	44.3	ng	5536040	3	10.05	2500230	20.0
Naphthalene, 2,3-...	9.71	40.1	ng	5009520	3	10.05	2500230	20.0
Naphthalene, 2-(1...	10.15	38.1	ng	4757860	3	10.05	2500230	20.0
Naphthalene, 1-(1...	10.19	24.3	ng	3036360	3	10.05	2500230	20.0
Naphthalene, 2,3,...	10.25	33.4	ng	4177310	3	10.05	2500230	20.0
Naphthalene, 1,6,...	10.46	35.6	ng	4447140	3	10.05	2500230	20.0
Decane, 3,6-dimet...	10.69	56.2	ng	7020400	3	10.05	2500230	20.0
Dodecane, 2,6,11-...	10.96	148.0	ng	11505300	4	11.53	1554700	20.0
Dodecane, 4-methyl-	11.42	101.8	ng	7916150	4	11.53	1554700	20.0
Heptadecane	11.76	32.8	ng	2551510	4	11.53	1554700	20.0
Anthracene, 2-met...	12.07	35.2	ng	2735440	4	11.53	1554700	20.0
Phenanthrene, 2,5...	12.59	26.1	ng	2029310	4	11.53	1554700	20.0