LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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-BF073019.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	6.016	664	668	672	rVB3	561191	717702	8.57%	0.395%
2	6.110	680	684	690	rVB2	1057668	1371744	16.38%	0.755%
3	6.298	710	716	718	rBV	547582	758890	9.06%	0.418%
4	6.393	728	732	741	rBV4	701548	1122159	13.40%	0.618%
5	6.598	763	767	771	rBV4	624390	1202187	14.36%	0.662%
6	6.634	771	773	779	rVB3	584720	787369	9.40%	0.433%
7	6.810	797	803	804	rBV4	549561	822643	9.82%	0.453%
8	6.851	807	810	812	rBV	940583	1019171	12.17%	0.561%
9	6.869	812	813	818	rVB	1313679	1046952	12.50%	0.576%
10	6.916	818	821	824	rVB2	573274	610016	7.29%	0.336%
11	6.951	824	827	829	rBV2	516728	670822	8.01%	0.369%
12	7.004	833	836	840	rBV2	1933532	1864276	22.26%	1.026%
13	7.128	855	857	861	rVB3	961858	1084116	12.95%	0.597%
14	7.175	861	865	867	rBV	1043702	966751	11.55%	0.532%
15	7.251	875	878	881	rBV2	1304848	1191057	14.22%	0.655%
16	7.281	881	883	888	rVB5	502045	661958	7.91%	0.364%
17	7.393	896	902	905	rBV3	2563527	3702380	44.22%	2.038%
18	7.422	905	907	912	rVB3	924738	1292951	15.44%	0.712%
19	7.498	916	920	924	rVB4	1832184	2758448	32.94%	1.518%
20	7.545	924	928	929	rBV3	903058	1108946	13.24%	0.610%
21	7.628	936	942	946	rBV3	1425570	2651866	31.67%	1.459%
22	7.663	946	948	951	rVB2	1612251	1487905	17.77%	0.819%
23	7.745	958	962	963	rBV2	1147933	1311654	15.66%	0.722%
24	7.763	963	965	966	rVV	1136601	818601	9.78%	0.451%
25	7.781	966	968	972	rVB4	1861605	1905073	22.75%	1.048%
26	7.881	982	985	987	rBV2	1285905	1312034	15.67%	0.722%
27	7.963	995	999	1003	rBV4	1154791	1647998	19.68%	0.907%
28	8.010	1004	1007	1011	rBV2	1582736	1844141	22.02%	1.015%
29	8.045	1011	1013	1015	rVV2	802160	650387	7.77%	0.358%
30	8.081	1017	1019	1020	rVV	1019879	782121	9.34%	0.430%
31	8.098	1020	1022	1024	rVV2	1293023	1308695	15.63%	0.720%
32	8.134	1024	1028	1030	rVV3	2663889	3907036	46.66%	2.150%
33	8.157	1030	1032	1035	rVV3	1628298	2099258	25.07%	1.155%
34	8.187	1035	1037	1039	rVV2	1937085	1860790	22.22%	1.024%

LSC Area Percent Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.210	1039	1041	1043	rVV	1208922	918051	10.96%	0.505%
36	8.234	1043	1045	1048	rVB2	1186110	922546	11.02%	0.508%
37	8.263	1048	1050	1052	rVB3	722872	622016	7.43%	0.342%
38	8.298	1053	1056	1058	rBV4	815178	1001201	11.96%	0.551%
39	8.339	1061	1063	1067	rVB2	1620916	1898255	22.67%	1.045%
40	8.387	1067	1071	1074	rBV3	749473	989215	11.81%	0.544%
41	8.439	1074	1080	1083	rVB5	2405956	3924218	46.87%	2.160%
42	8.469	1083	1085	1087	rBV	961163	891649	10.65%	0.491%
43	8.534	1092	1096	1098	rVB	2093065	2353312	28.10%	1.295%
44	8.581	1098	1104	1108	rBV2	3609105	5339419	63.77%	2.938%
45	8.616	1108	1110	1112	rVB2	1683205	1339217	15.99%	0.737%
46	8.657	1113	1117	1119	rBV2	1372848	1543950	18.44%	0.850%
47	8.698	1121	1124	1125	rBV3	752014	750426	8.96%	0.413%
48	8.745	1129	1132	1134	rBV3	1010444	1286497	15.36%	0.708%
49	8.839	1145	1148	1152	rVB5	2252531	3181436	37.99%	1.751%
50	8.904	1155	1159	1161	rBV2	1293078	1381472	16.50%	0.760%
51	8.969	1161	1170	1173	rBV2	3742609	8373350	100.00%	4.608%
52	9.039	1179	1182	1183	rBV3	708188	794670	9.49%	0.437%
53	9.063	1183	1186	1189	rVB4	1919784	2126786	25.40%	1.170%
54	9.092	1189	1191	1194	rBV2	1082229	1249944	14.93%	0.688%
55	9.116	1194	1195	1199	rVB3	779467	580965	6.94%	0.320%
56	9.187	1202	1207	1210	rVV3	2905895	3867455	46.19%	2.128%
57	9.310	1225	1228	1230	rBV3	1771790	2139392	25.55%	1.177%
58	9.504	1255	1261	1264	rBV	2604284	4637831	55.39%	2.552%
59	9.639	1281	1284	1287	rVB2	2559343	3383539	40.41%	1.862%
60	9.698	1290	1294	1296	rBV2	2106333	2748569	32.83%	1.513%
61	9.781	1305	1308	1311	rVB2	1903958	2265988	27.06%	1.247%
62	9.828	1314	1316	1319	rVB2	1438933	1170576	13.98%	0.644%
63	9.904	1324	1329	1333	rBV6	1513575	2905732	34.70%	1.599%
64	10.022	1345	1349	1353	rVB2	2371155	3560534	42.52%	1.959%
65	10.063	1353	1356	1361	rBV5	1248975	1973020	23.56%	1.086%
66	10.122	1361	1366	1369	rVB2	2194738	3381054	40.38%	1.861%
67	10.169	1370	1374	1381	rVB4	2939042	5474817	65.38%	3.013%
68	10.239	1382	1386	1388	rBV	2519293	3287007	39.26%	1.809%
69	10.269	1388	1391	1393	rBV	1699960	1490989	17.81%	0.821%
70	10.328	1397	1401	1403	rBV4	2010495	3040268	36.31%	1.673%
71	10.457	1421	1423	1426	rBV3	1371008	1714606	20.48%	0.944%

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Instrument : BNA_F
ClientSampleId : TP-8

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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72	10.569	1437	1442	1446	rVB4	2384940	4276852	51.08%	2.354%
73	10.610	1447	1449	1451	rBV	855220	816083	9.75%	0.449%
74	10.681	1459	1461	1463	rVB2	1121333	871034	10.40%	0.479%
75	10.704	1463	1465	1468	rBV2	660768	673569	8.04%	0.371%
76	10.839	1483	1488	1495	rVB2	3056641	5660172	67.60%	3.115%
77	10.904	1496	1499	1501	rBV2	1058458	1081332	12.91%	0.595%
78	11.045	1520	1523	1526	rBV3	1725634	1761466	21.04%	0.969%
79	11.128	1534	1537	1538	rBV3	781349	847652	10.12%	0.466%
80	11.298	1562	1566	1571	rVB	3161980	4653858	55.58%	2.561%
81	11.398	1581	1583	1585	rBV	1191455	1140117	13.62%	0.627%
82	11.428	1585	1588	1590	rVB	1643591	1568785	18.74%	0.863%
83	11.639	1621	1624	1630	rVB3	1387957	1813737	21.66%	0.998%
84	11.727	1635	1639	1645	rBV4	1195739	2237643	26.72%	1.231%
85	11.810	1650	1653	1656	rBV3	622078	791052	9.45%	0.435%
86	11.904	1666	1669	1671	rBV	1652269	1708676	20.41%	0.940%
87	11.933	1671	1674	1677	rVB	2089846	2175580	25.98%	1.197%
88	12.010	1684	1687	1689	rVV	1429851	1301693	15.55%	0.716%
89	12.033	1689	1691	1694	rVB	1129220	1008579	12.05%	0.555%
90	12.339	1741	1743	1745	rVB	881629	647862	7.74%	0.357%
91	12.375	1745	1749	1751	rBV2	1190408	1293697	15.45%	0.712%
92	12.445	1758	1761	1764	rBV	1578025	1784334	21.31%	0.982%
93	12.475	1764	1766	1769	rVV3	689102	828183	9.89%	0.456%
94	12.527	1773	1775	1779	rVB	689613	714435	8.53%	0.393%
95	12.851	1828	1830	1833	rVB	703655	685352	8.18%	0.377%
96	12.892	1834	1837	1840	rVB	852578	884926	10.57%	0.487%
97	12.963	1847	1849	1852	rVB	734311	661090	7.90%	0.364%
98	14.021	2025	2029	2037	rVB	1038333	1023355	12.22%	0.563%
99	15.498	2274	2280	2297	rVB2	867158	1460885	17.45%	0.804%
100	15.933	2348	2354	2363	rBV	296114	478736	5.72%	0.263%

Sum of corrected areas: 181708804

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
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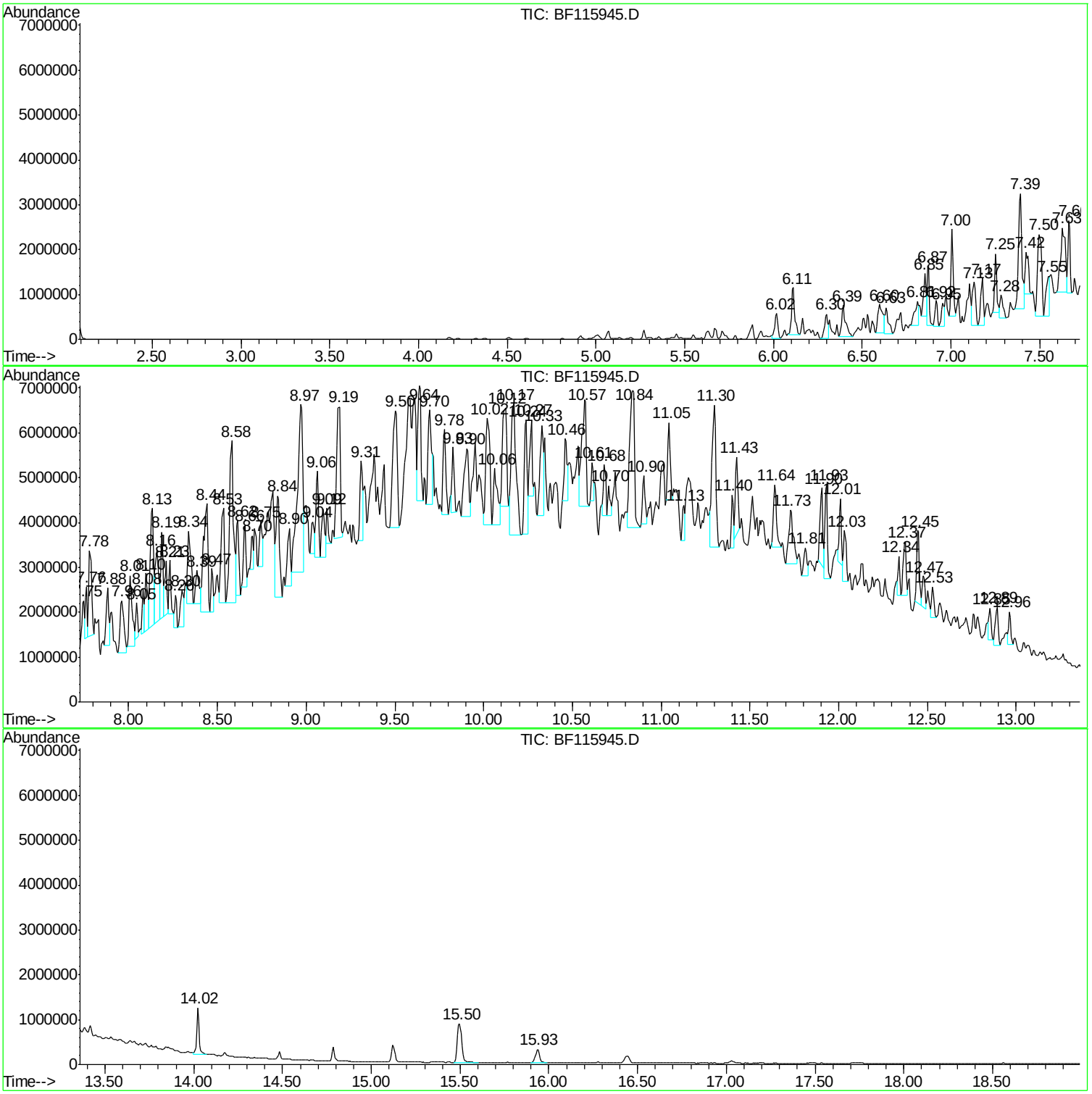
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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

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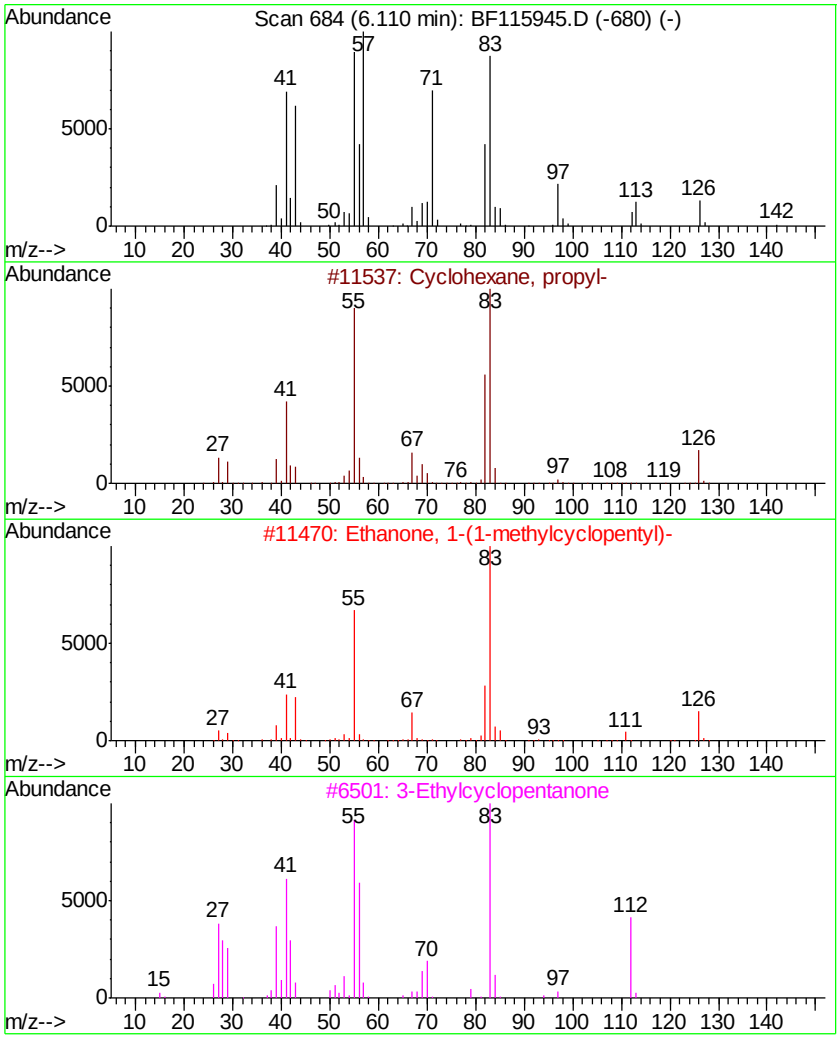
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

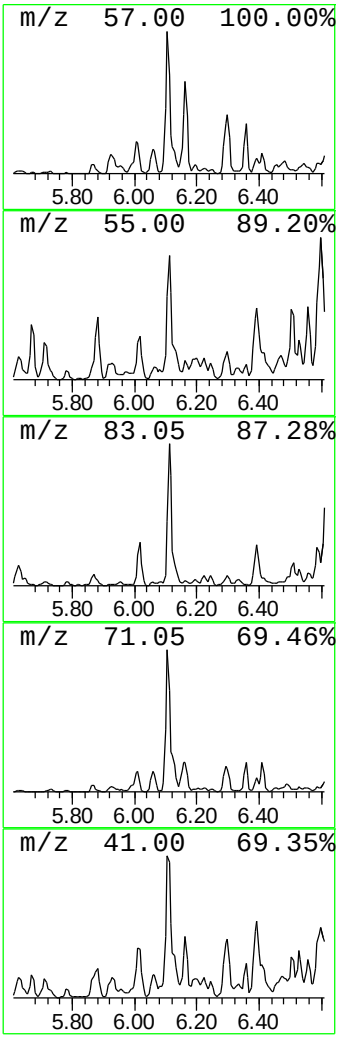
****

Peak Number 1 unknown6.11 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	26.92 ng	1371740	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	45
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	35
3	3-Ethylcyclopentanone	112	C7H12O	010264-55-8	35
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	30
5	2-Hepten-4-one, 2-methyl-	126	C8H14O	022319-24-0	27





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Instrument : BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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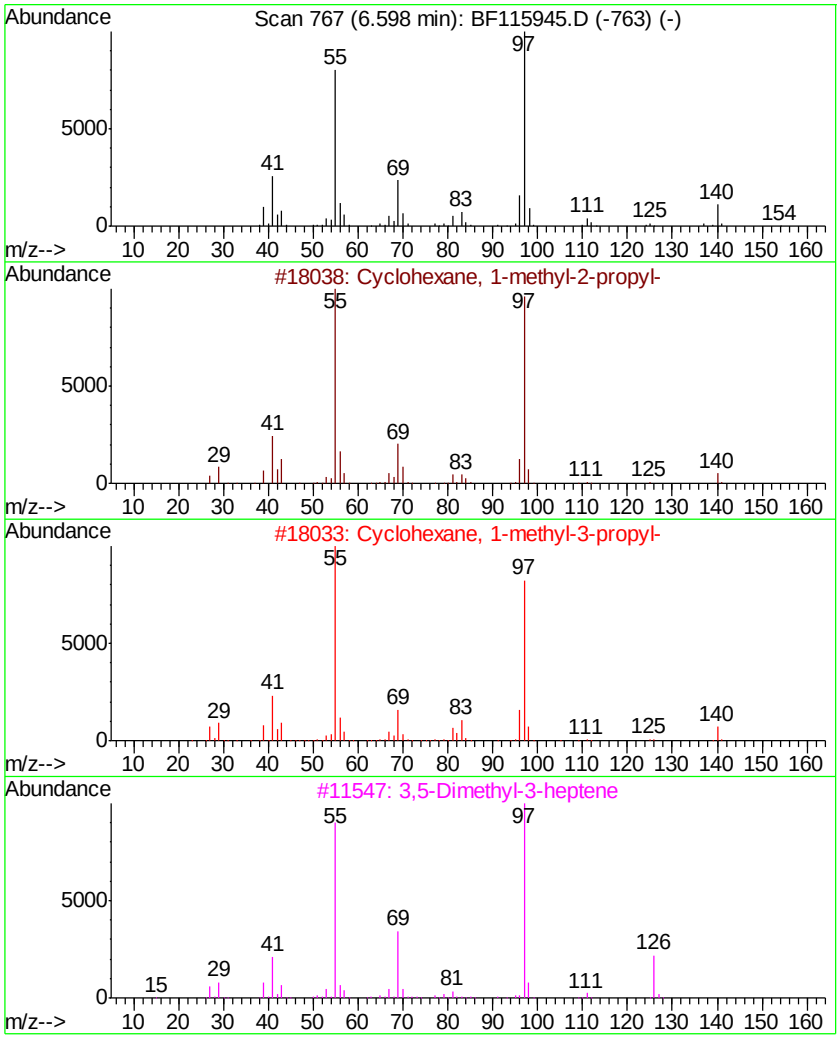
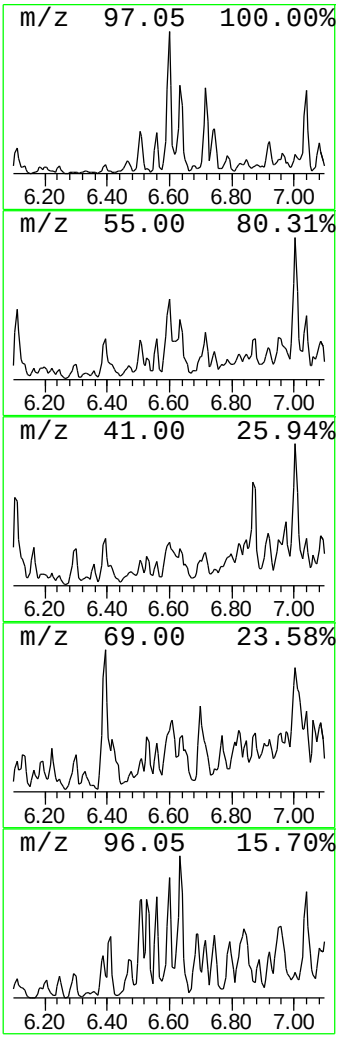
Peak Number 2 Cyclohexane, 1-methyl-2-pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	23.59 ng	1202190	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	64
3	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
4	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	64
5	Sulfurous acid, di(cyclohexylmet...	274	C14H26O3S	1000309-22-7	59





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

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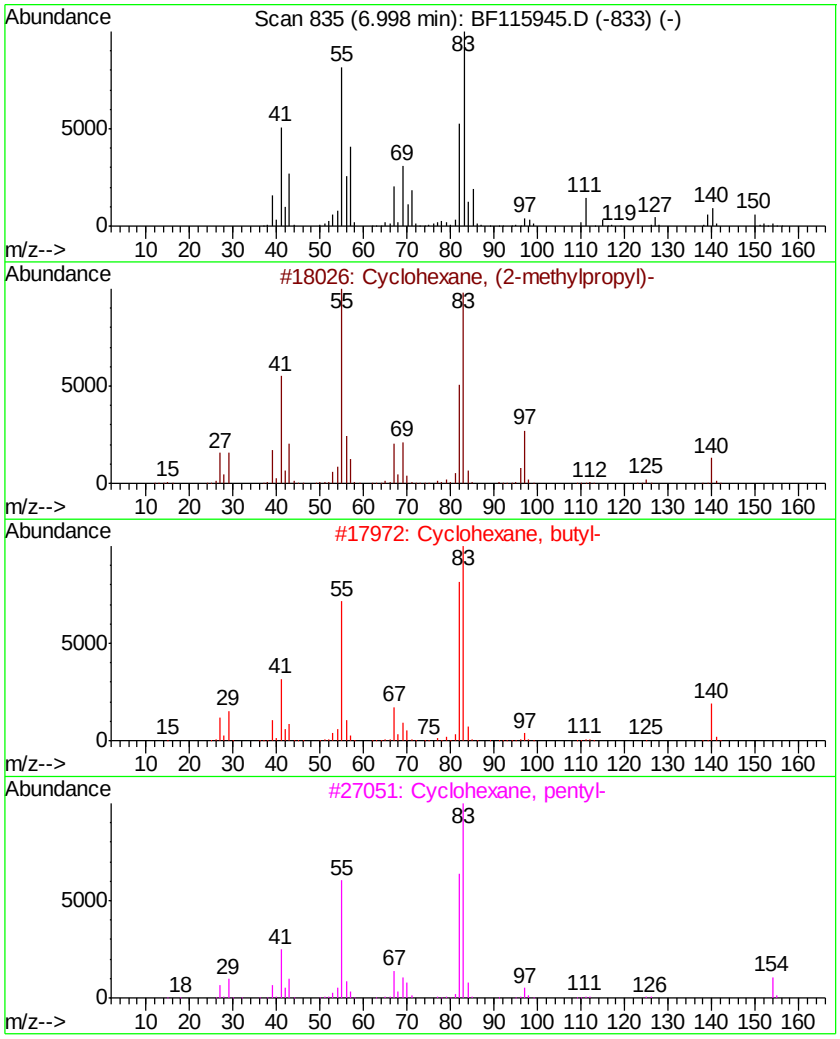
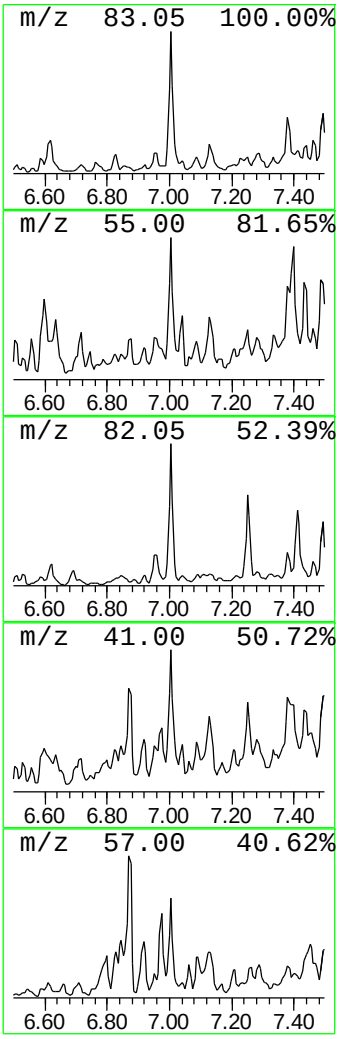
Peak Number 3 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	36.58 ng	1864280	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	70
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	49
4	Cyclohexane, octyl-	196	C14H28	001795-15-9	47
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	47





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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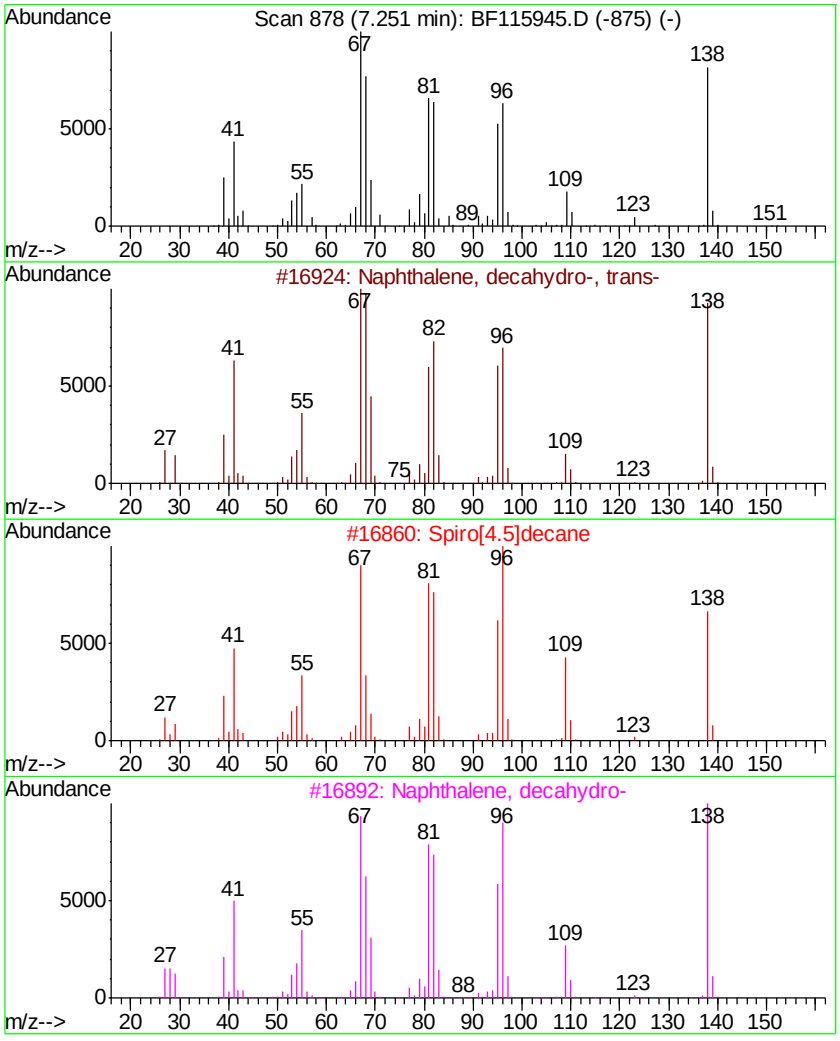
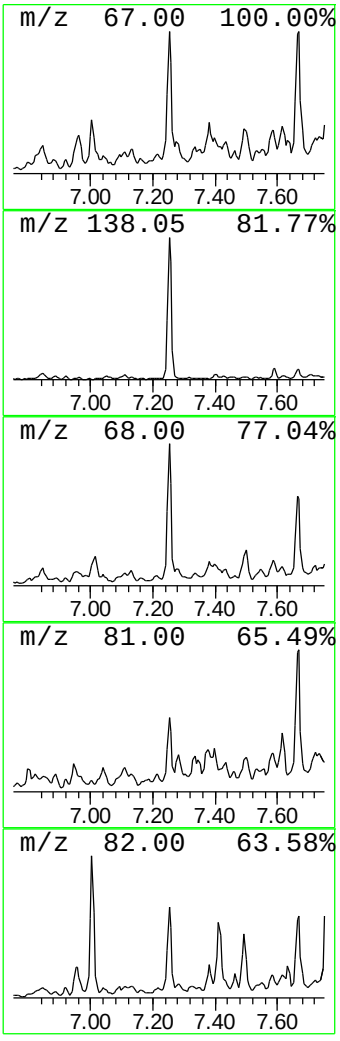
Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	23.37 ng	1191060	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2	Spiro[4.5]decane	138	C10H18	000176-63-6	89
3	Naphthalene, decahydro-	138	C10H18	000091-17-8	89
4	5H-Inden-5-one, octahydro-, trans-	138	C9H14O	004668-81-9	86
5	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	86





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Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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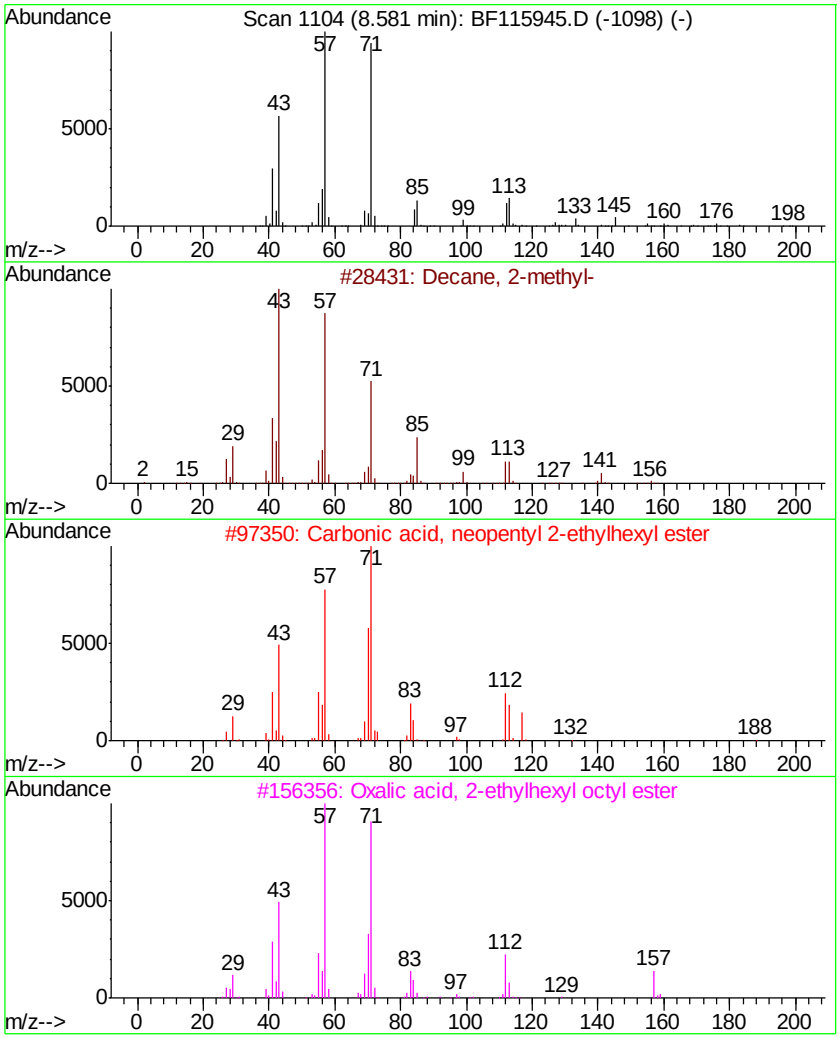
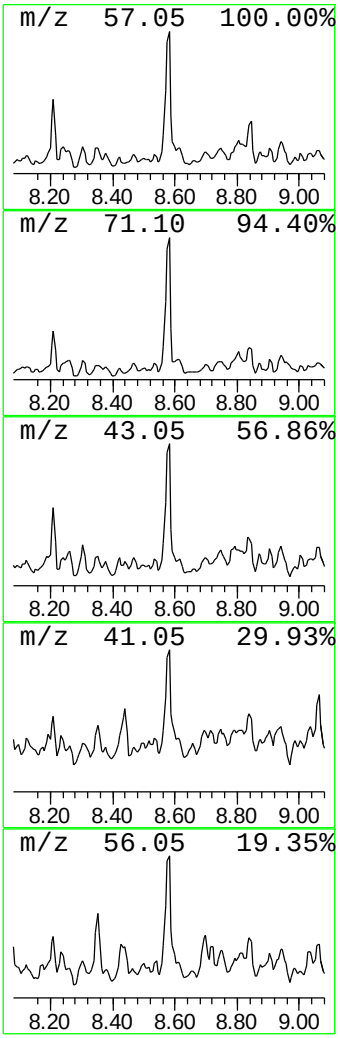
Peak Number 5 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	27.33 ng	5339420	Naphthalene-d8	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	72
2	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
3	Oxalic acid, 2-ethylhexyl octyl ...	314	C18H34O4	1000309-39-1	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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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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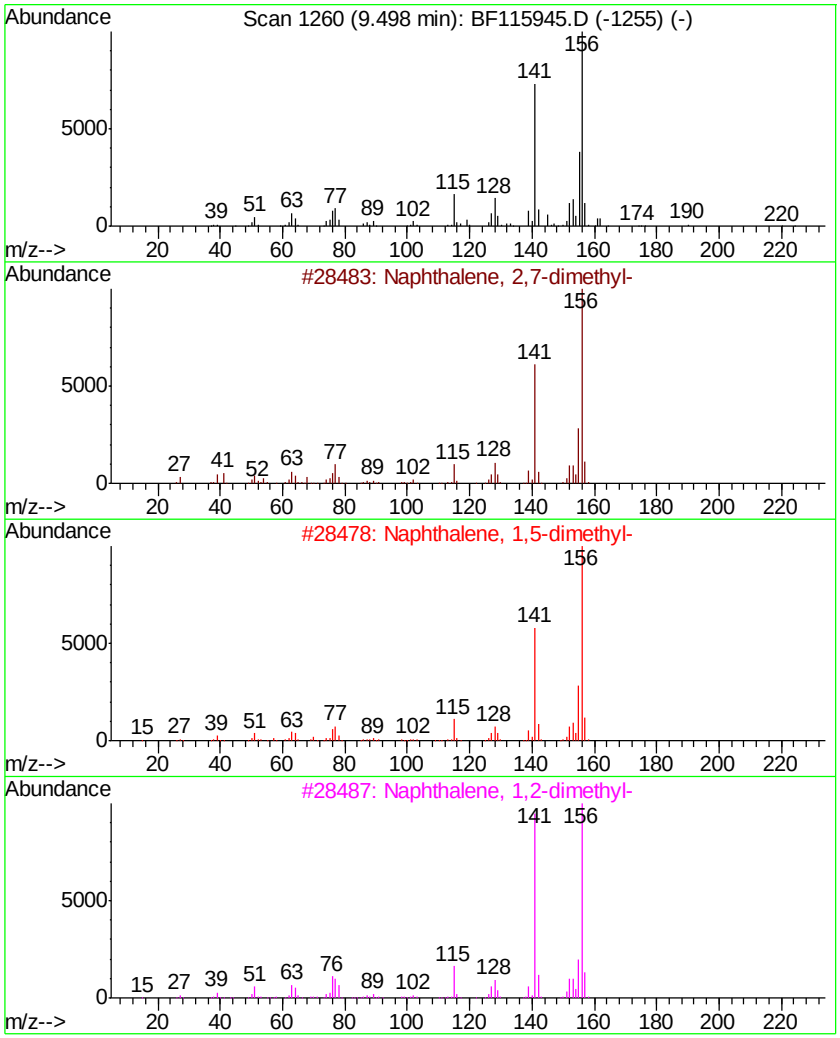
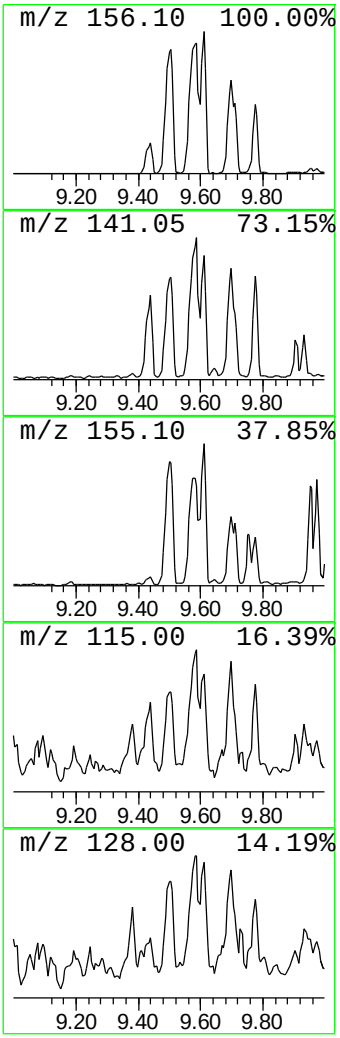
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.50	31.92 ng	4637830	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

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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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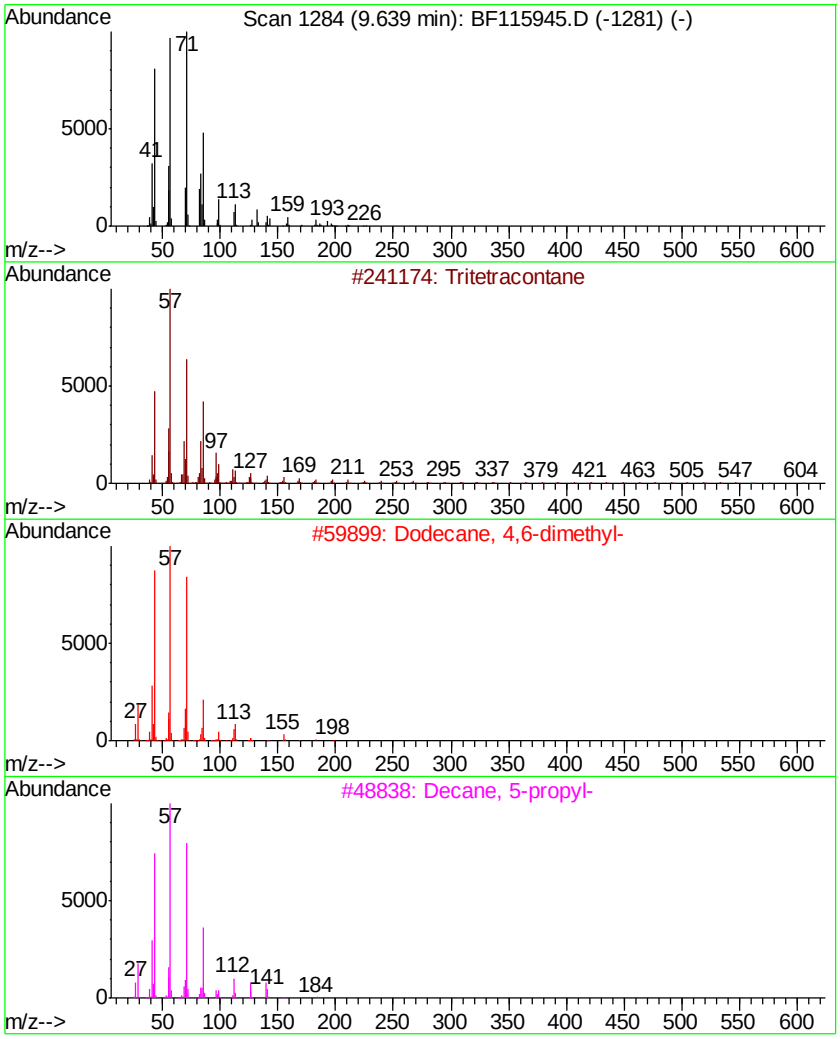
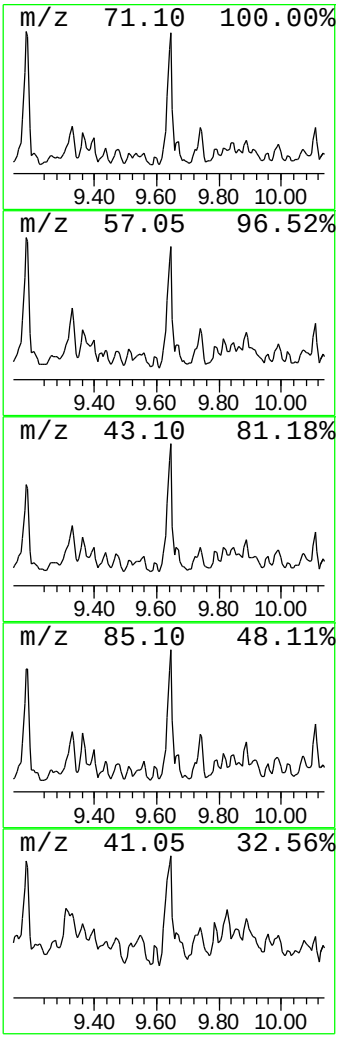
Peak Number 7 Tritetracontane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	23.29 ng	3383540	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	72
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53
3	Decane, 5-propyl-	184	C13H28	017312-62-8	52
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	52
5	1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49





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Sample : K4024-09 10X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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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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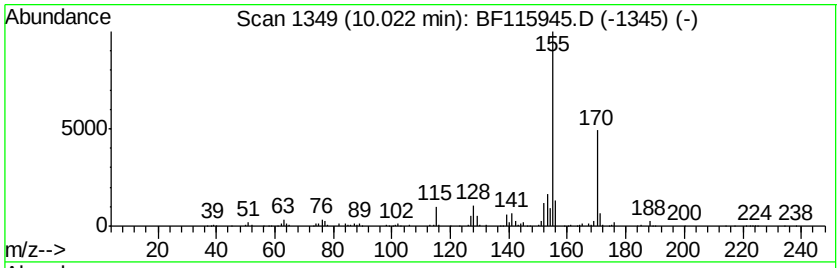
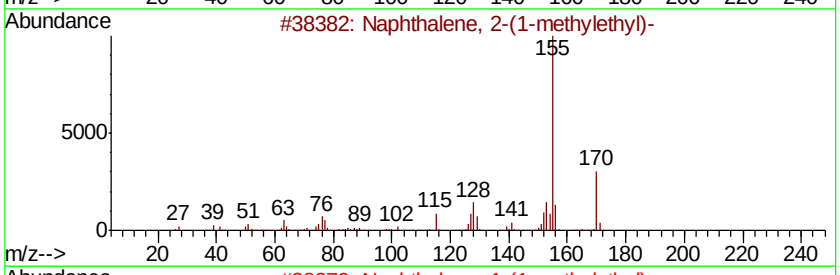
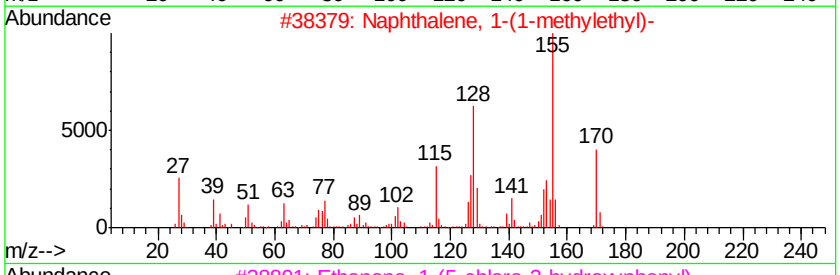
Peak Number 8 Naphthalene, 2-(1-methyleth... Concentration Rank 15

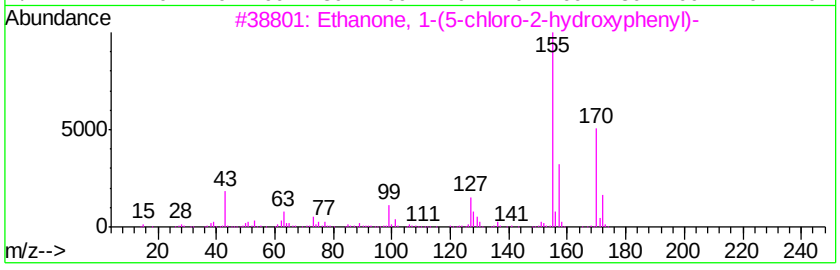
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	24.51 ng	3560530	Acenaphthene-d10	9.91

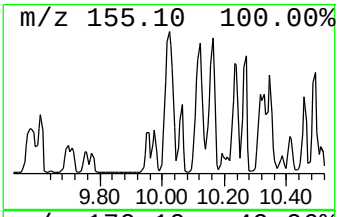
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
3	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72

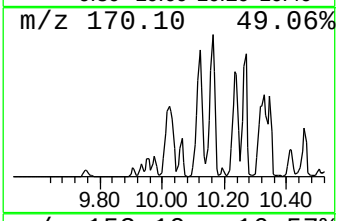


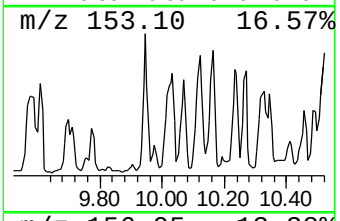


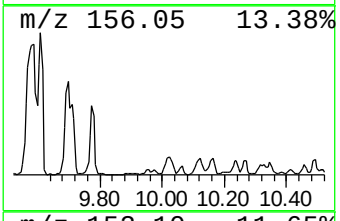


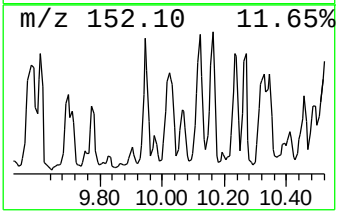












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Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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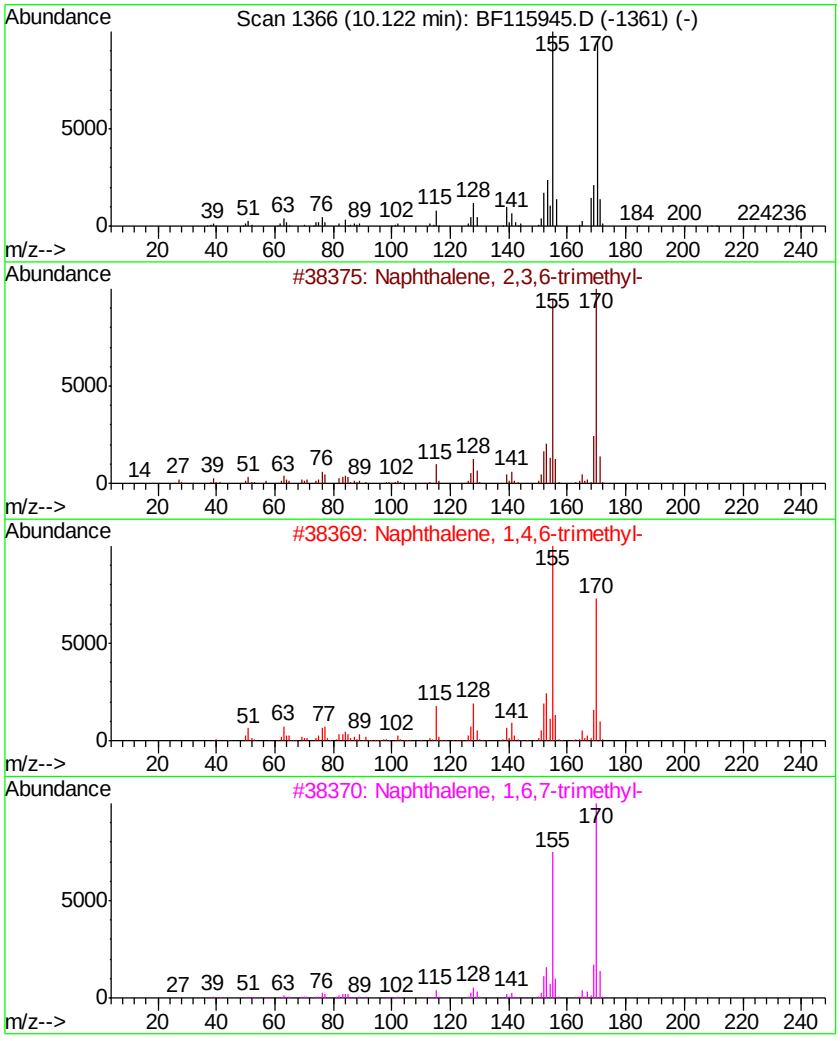
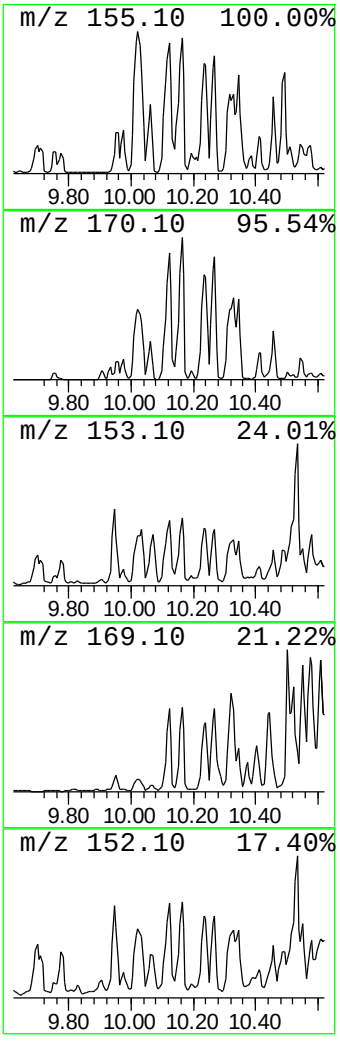
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	23.27 ng	3381050	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
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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Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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

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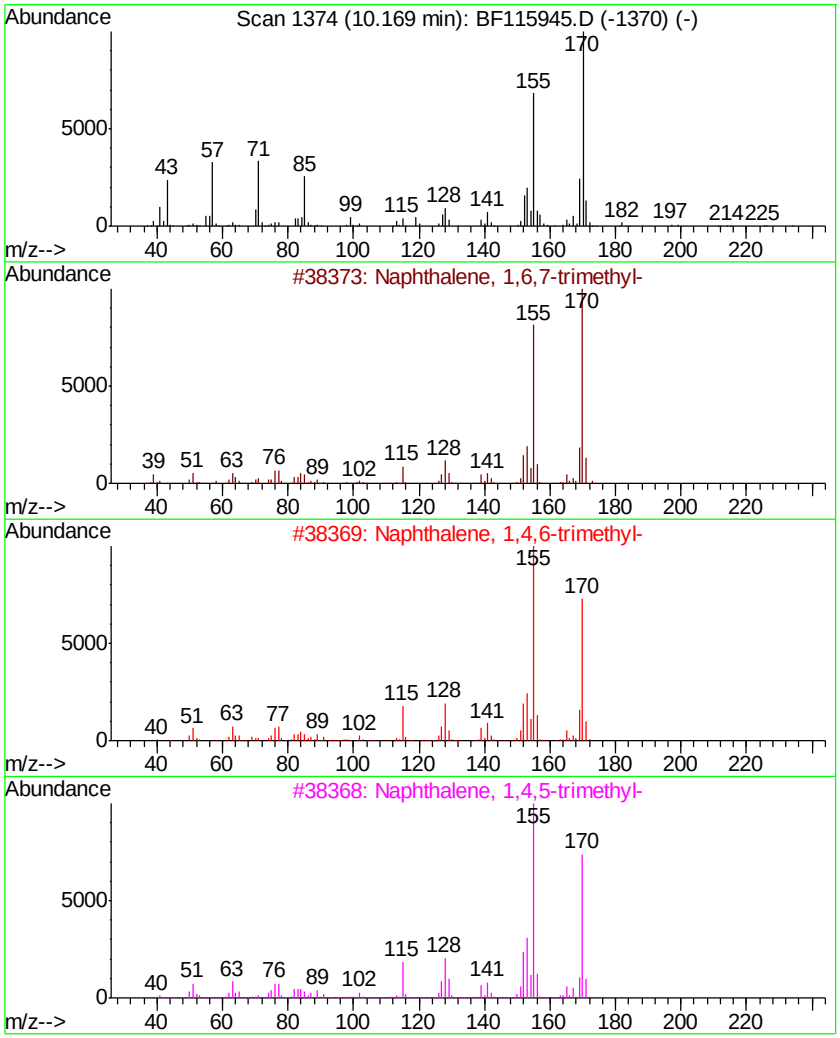
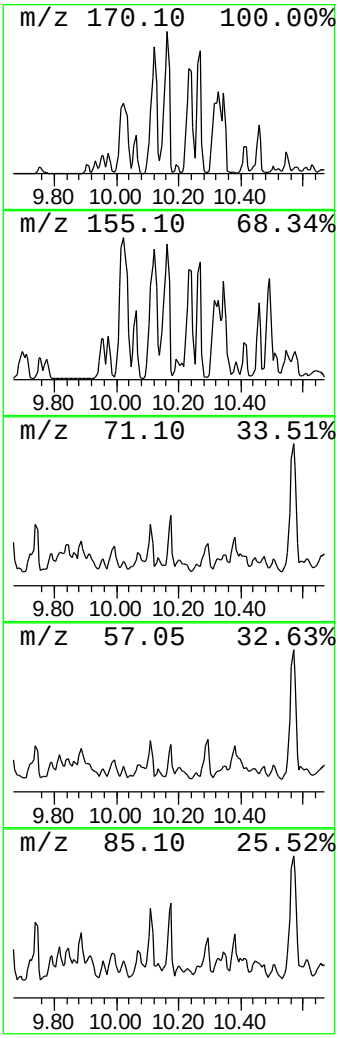
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	37.68 ng	5474820	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	87
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	81
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	68





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-8

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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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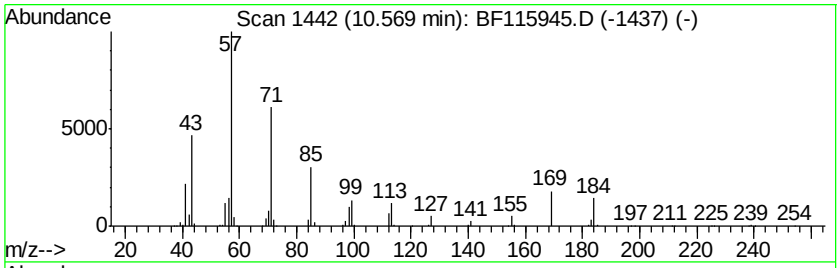
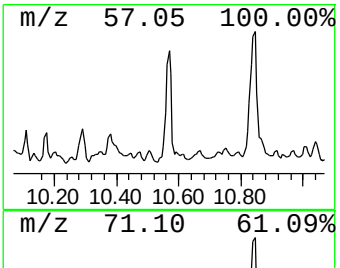
Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	29.44 ng	4276850	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81
2	Octadecane	254	C18H38	000593-45-3	59
3	Tetradecane	198	C14H30	000629-59-4	58
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	50
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	49





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Instrument : BNA_F
ClientSampleId : TP-8

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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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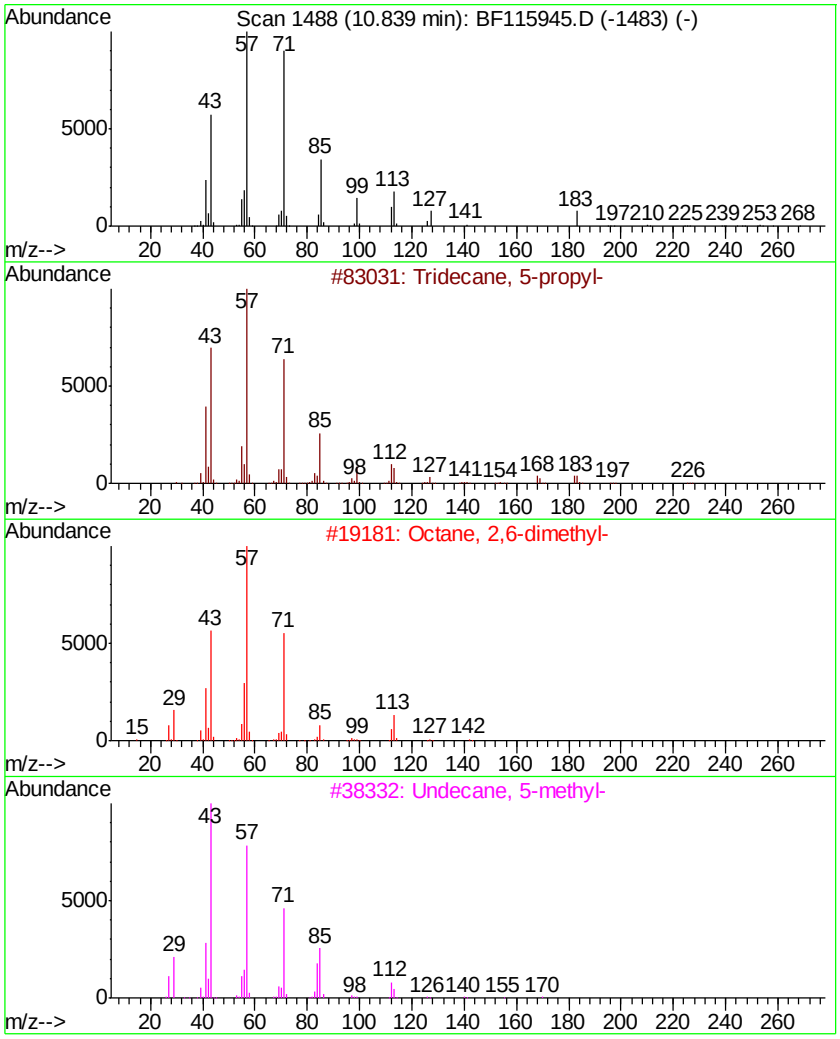
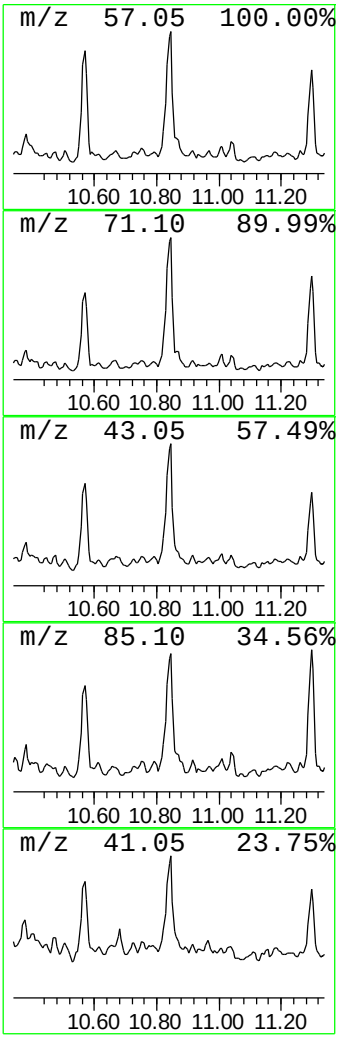
Peak Number 12 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	99.29 ng	5660170	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	59





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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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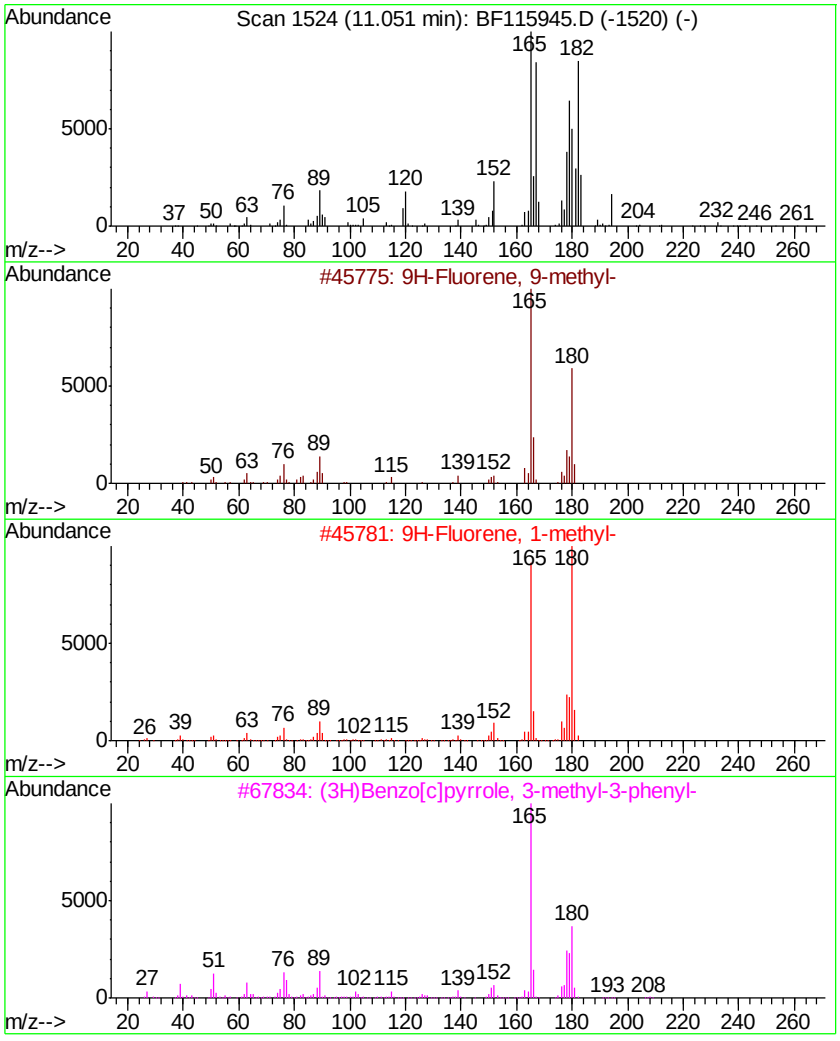
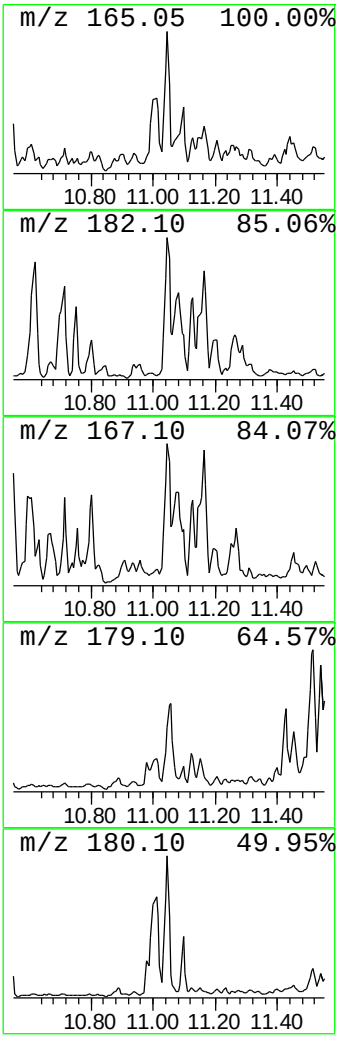
Peak Number 13 9H-Fluorene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	30.90 ng	1761470	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
3	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	46
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	45
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	41





Library Search Compound Report

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

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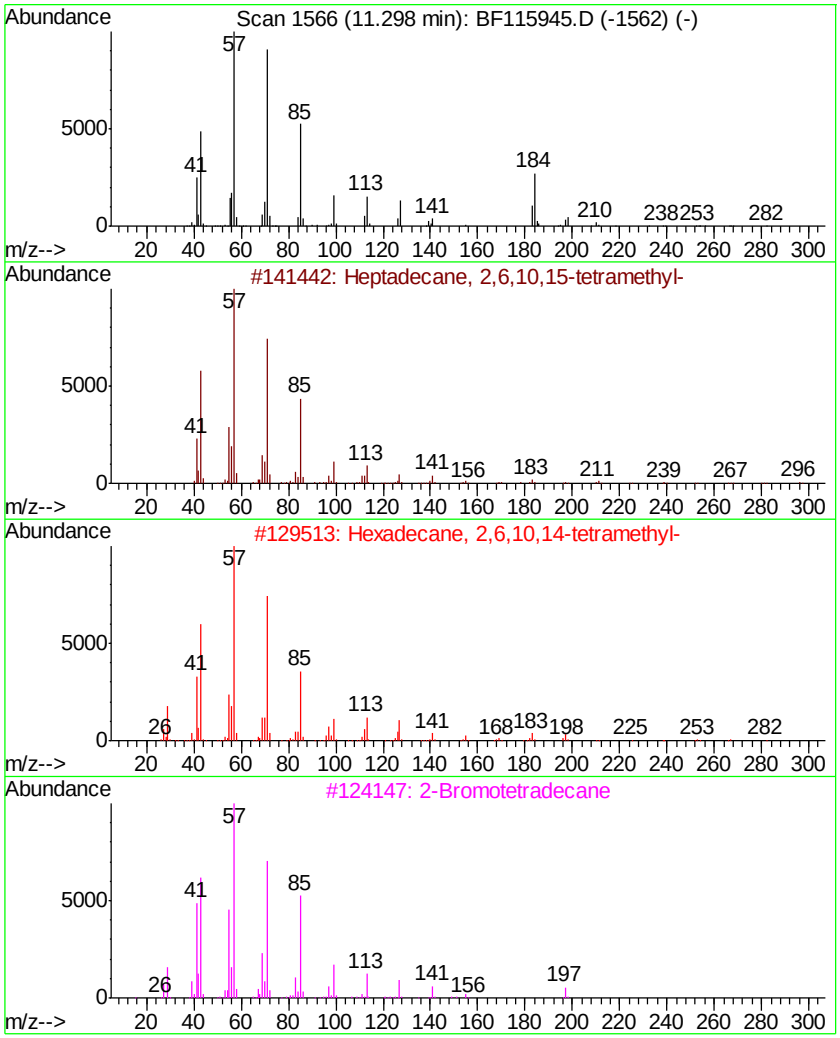
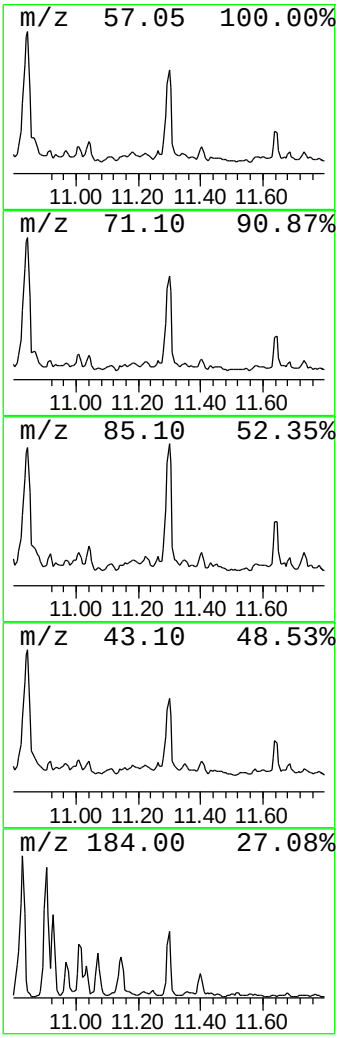
Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	81.64 ng	4653860	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
3	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
4	Hexacosane	366	C26H54	000630-01-3	64
5	5,5-Dibutylnonane	240	C17H36	006008-17-9	64





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ClientSampleId : TP-8

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

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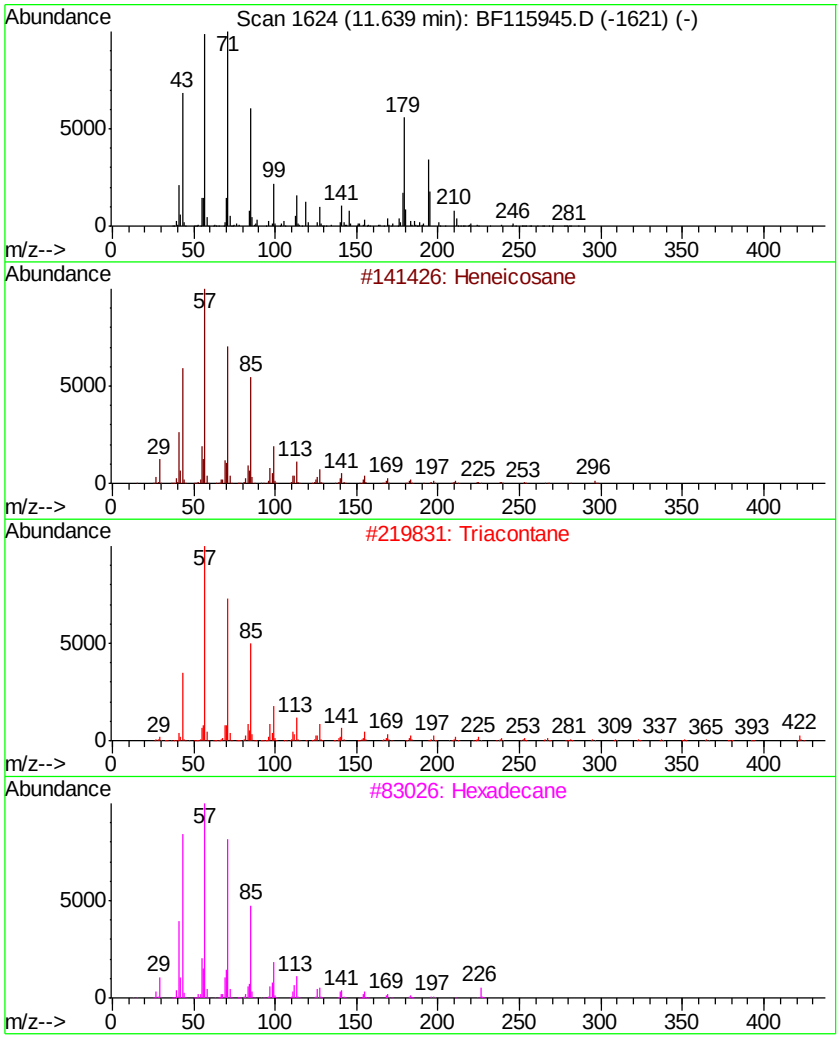
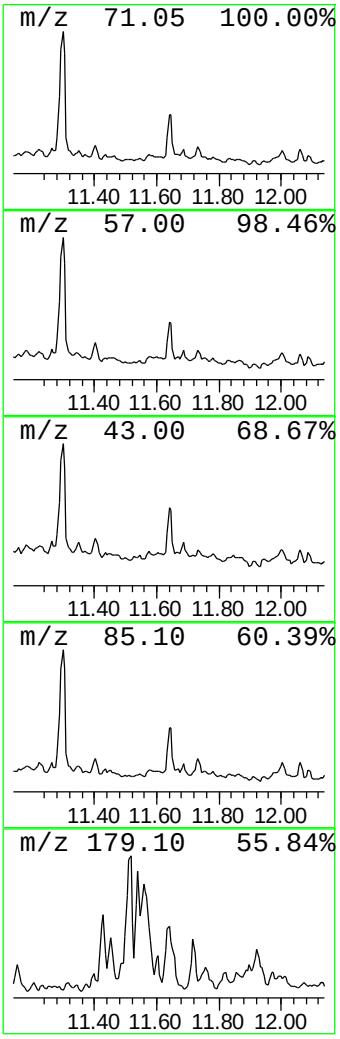
Peak Number 15 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	31.82 ng	1813740	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	52
2	Triacontane	422	C30H62	000638-68-6	50
3	Hexadecane	226	C16H34	000544-76-3	49
4	Heptadecane	240	C17H36	000629-78-7	47
5	Heptacosane	380	C27H56	000593-49-7	47





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Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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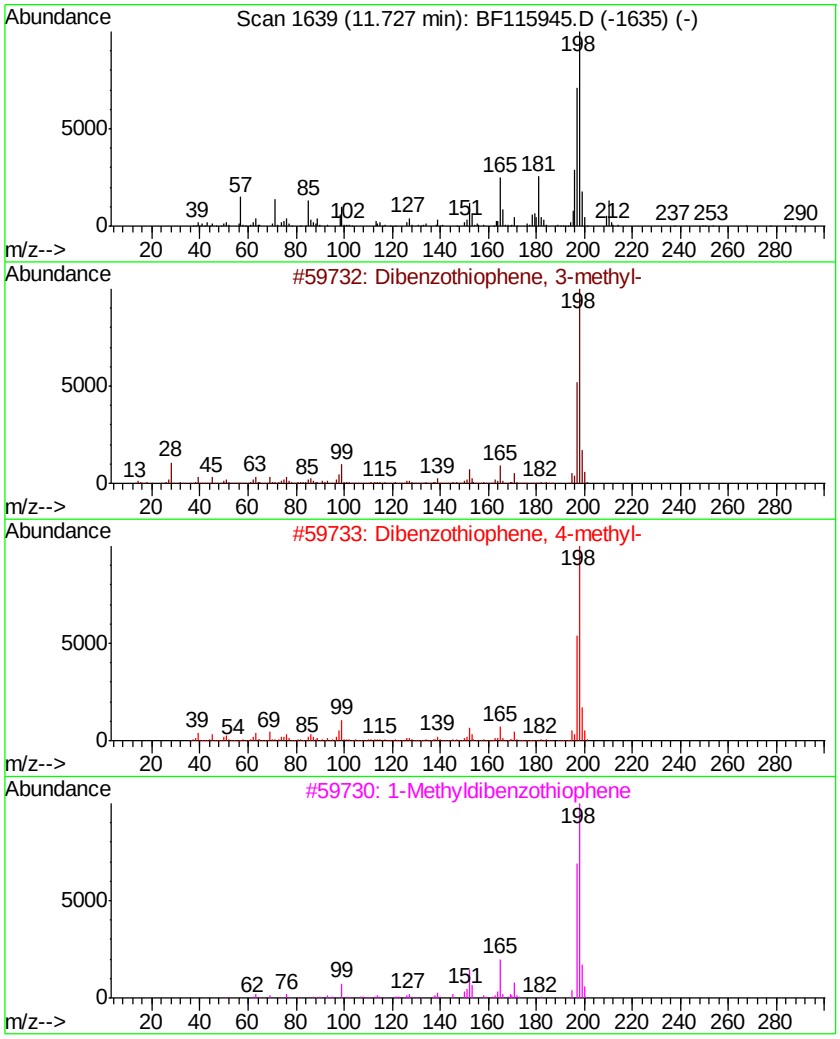
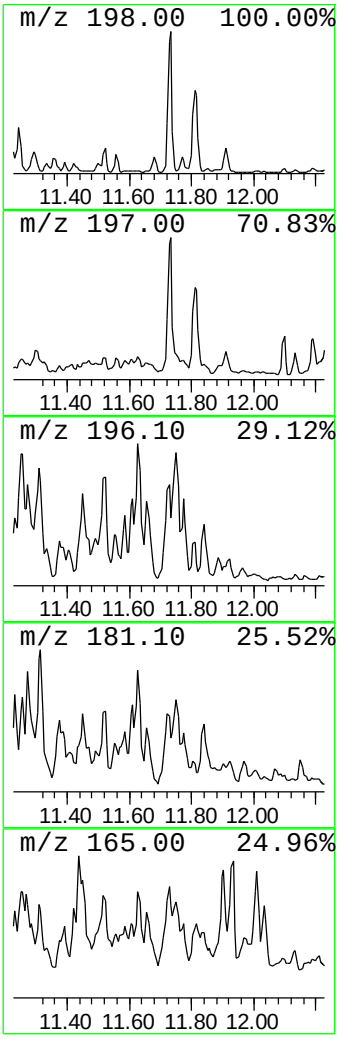
Peak Number 16 Dibenzothiophene, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	39.25 ng	2237640	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	92
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	92
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	62
4	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	62
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	52





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Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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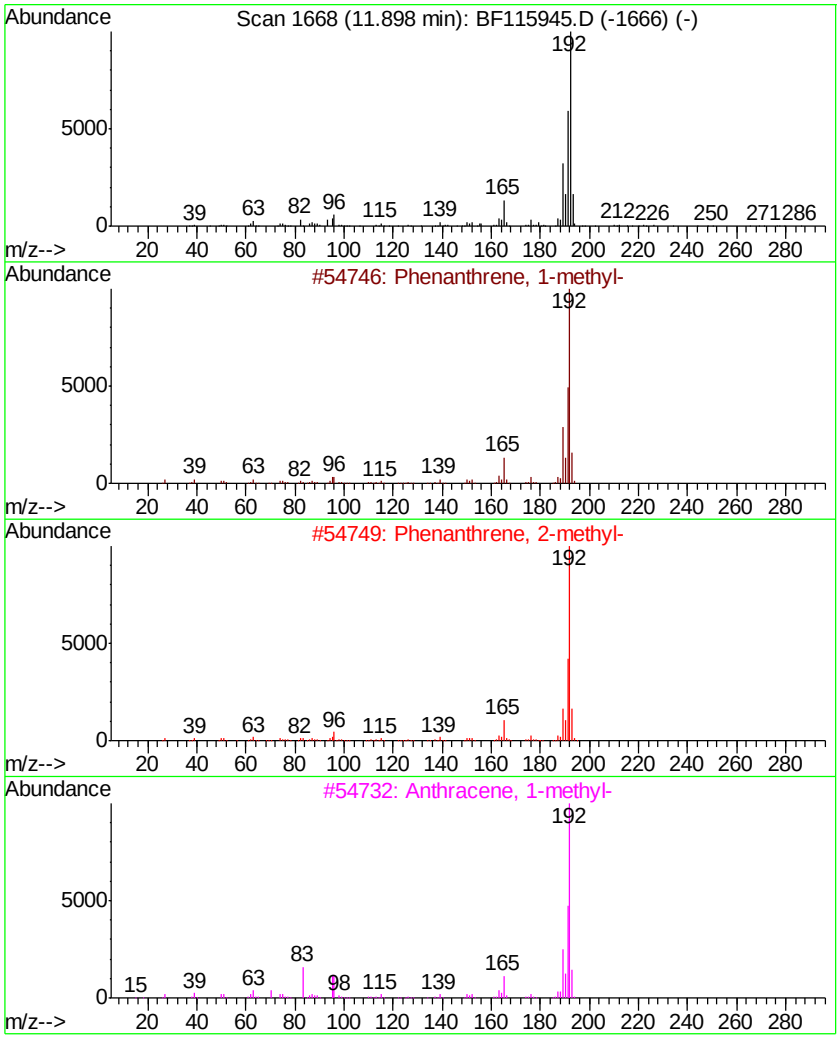
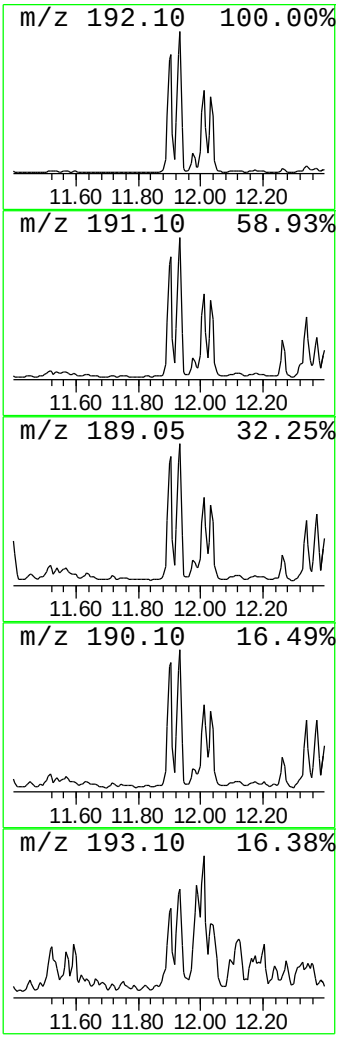
Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	29.97 ng	1708680	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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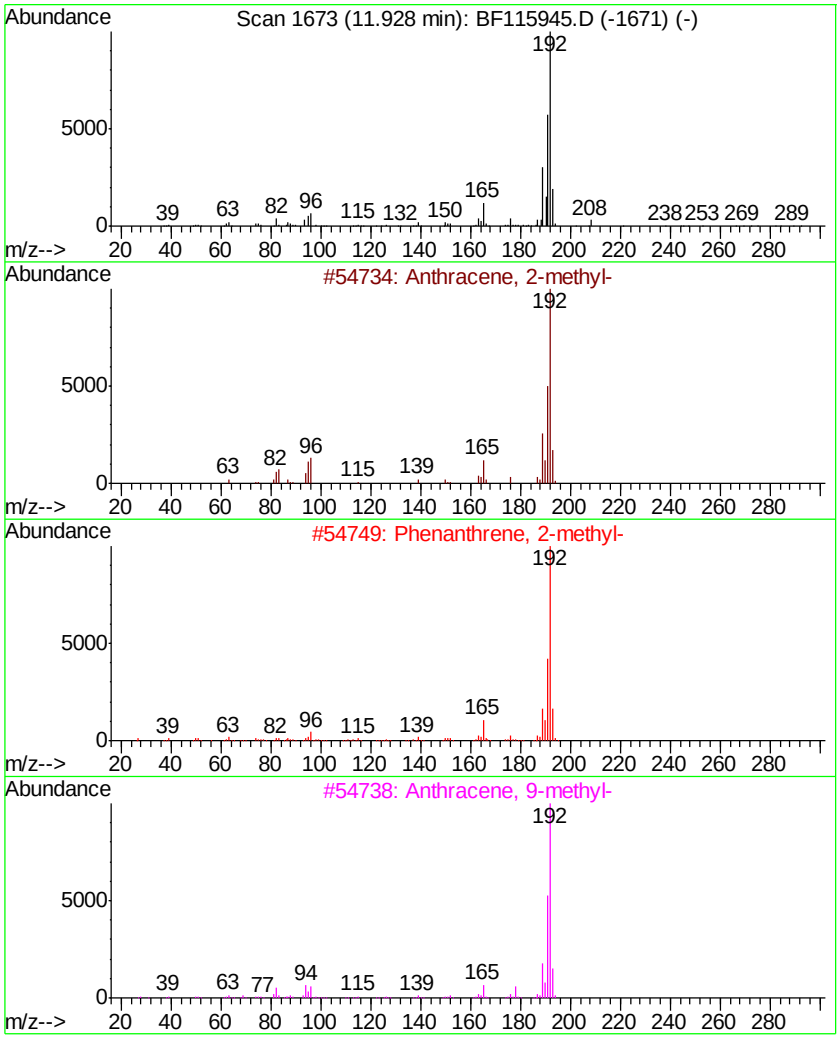
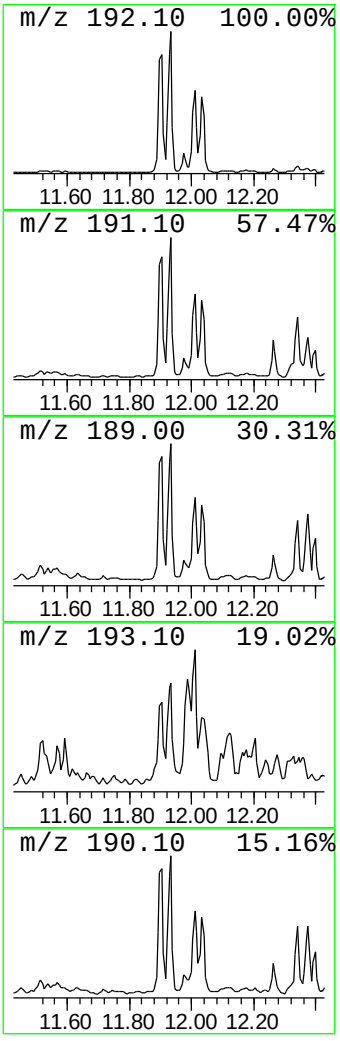
Peak Number 18 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	38.16 ng	2175580	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





Library Search Compound Report

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Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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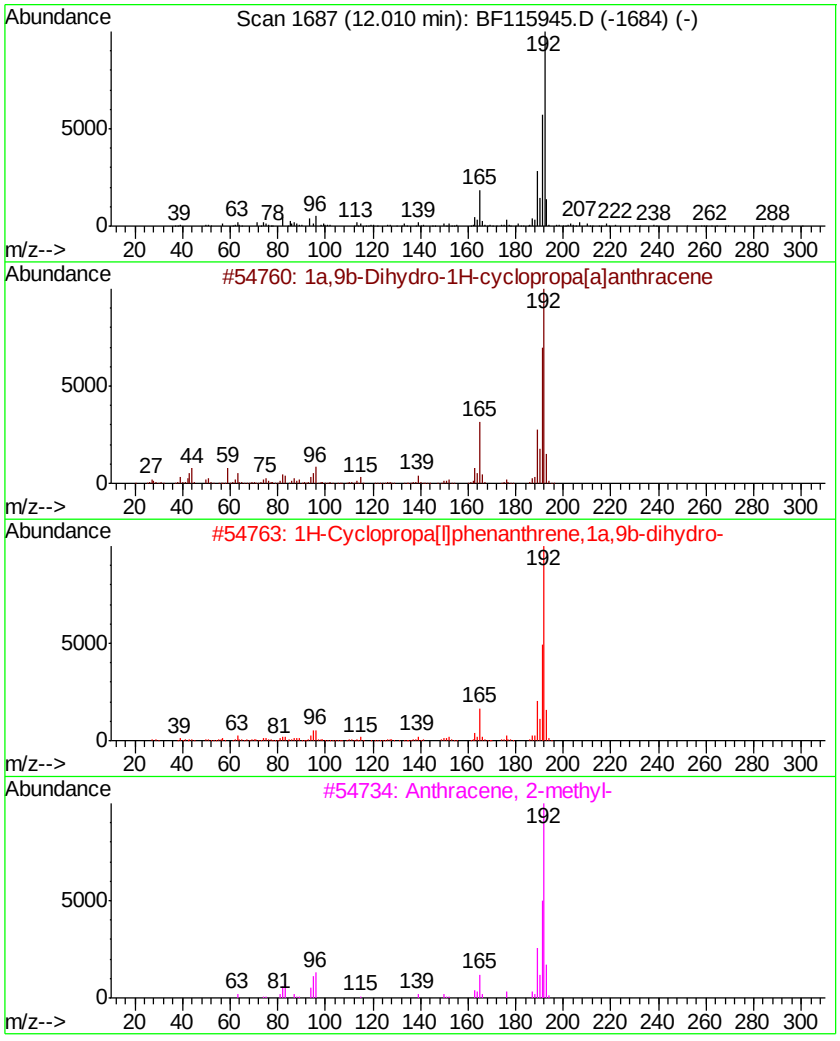
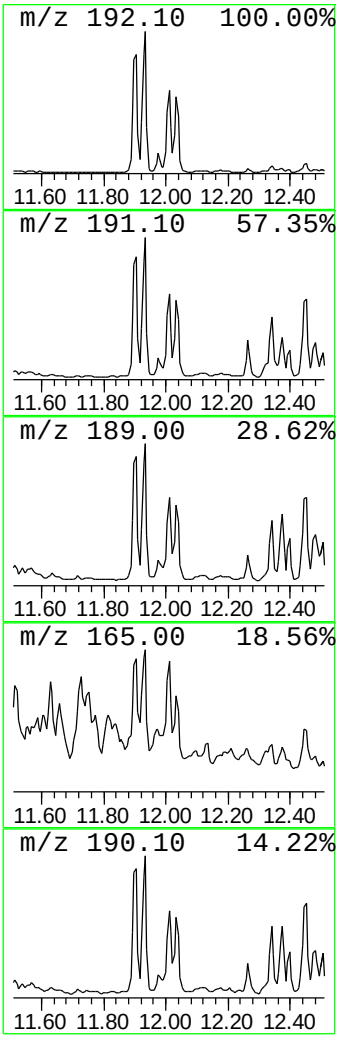
Peak Number 19 1a,9b-Dihydro-1H-cyclopropa... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	22.83 ng	1301690	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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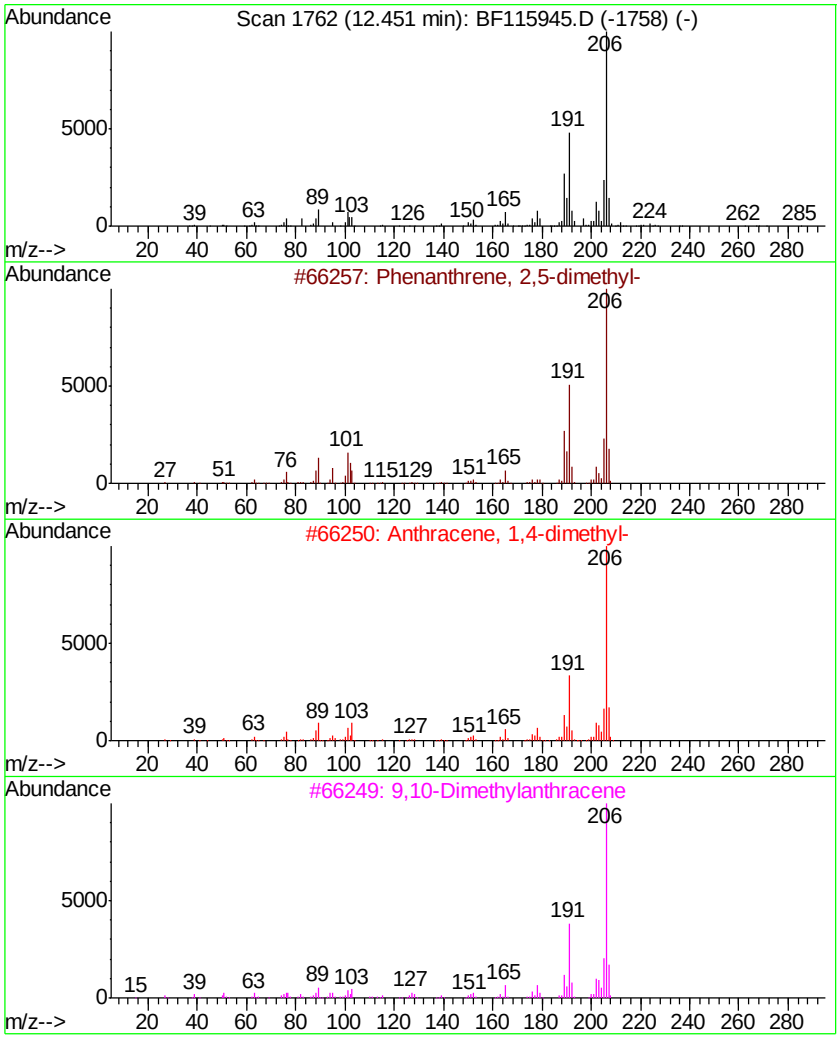
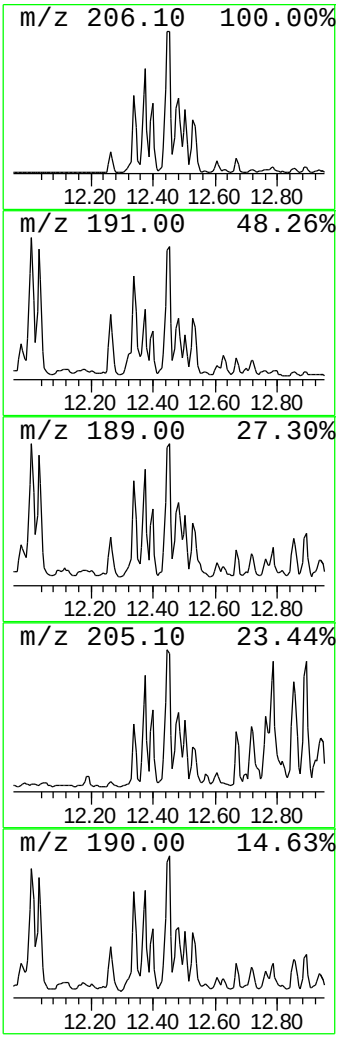
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	31.30 ng	1784330	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080219\
Data File : BF115945.D
Acq On : 2 Aug 2019 14:29
Operator : HP/JU
Sample : K4024-09 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.11	6.11	26.9	ng	1371740	1	6.85	1019170	20.0
Cyclohexane, 1-me...	6.60	23.6	ng	1202190	1	6.85	1019170	20.0
Cyclohexane, (2-m...	7.00	36.6	ng	1864280	1	6.85	1019170	20.0
Naphthalene, deca...	7.25	23.4	ng	1191060	1	6.85	1019170	20.0
Decane, 2-methyl-	8.58	27.3	ng	5339420	2	8.14	3907040	20.0
Naphthalene, 2,7-...	9.50	31.9	ng	4637830	3	9.91	2905730	20.0
Tritetracontane	9.64	23.3	ng	3383540	3	9.91	2905730	20.0
Naphthalene, 2-(1...	10.02	24.5	ng	3560530	3	9.91	2905730	20.0
Naphthalene, 2,3,...	10.12	23.3	ng	3381050	3	9.91	2905730	20.0
Naphthalene, 1,6,...	10.17	37.7	ng	5474820	3	9.91	2905730	20.0
Pentadecane, 2,6,...	10.57	29.4	ng	4276850	3	9.91	2905730	20.0
Tridecane, 5-propyl-	10.84	99.3	ng	5660170	4	11.40	1140120	20.0
9H-Fluorene, 9-me...	11.05	30.9	ng	1761470	4	11.40	1140120	20.0
Heptadecane, 2,6,...	11.30	81.6	ng	4653860	4	11.40	1140120	20.0
Heneicosane	11.64	31.8	ng	1813740	4	11.40	1140120	20.0
Dibenzothiophene,...	11.73	39.3	ng	2237640	4	11.40	1140120	20.0
Phenanthrene, 1-m...	11.90	30.0	ng	1708680	4	11.40	1140120	20.0
Anthracene, 2-met...	11.93	38.2	ng	2175580	4	11.40	1140120	20.0
1a,9b-Dihydro-1H-...	12.01	22.8	ng	1301690	4	11.40	1140120	20.0
Phenanthrene, 2,5...	12.45	31.3	ng	1784330	4	11.40	1140120	20.0