LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117874.D
Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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	2.199	13	19	29	rVB	572314	732236	13.55%	0.534%
2	5.128	512	517	524	rVB	640510	768446	14.22%	0.561%
3	5.528	580	585	588	rBV	4012725	3685519	68.19%	2.689%
4	6.451	738	742	748	rBV3	290465	448074	8.29%	0.327%
5	6.540	748	757	760	rVV	3669403	4234138	78.34%	3.090%
6	6.681	773	781	790	rVB	4152520	4502934	83.32%	3.286%
7	6.916	817	821	826	rVB2	1608862	1765449	32.67%	1.288%
8	7.075	843	848	850	rBV	3663180	3417876	63.24%	2.494%
9	7.193	865	868	871	rVB	636476	584960	10.82%	0.427%
10	7.316	883	889	891	rBV3	647894	680522	12.59%	0.497%
11	7.451	906	912	914	rBV3	1084826	1371089	25.37%	1.000%
12	7.481	914	917	923	rVB2	2348716	2600674	48.12%	1.898%
13	7.563	927	931	934	rVB4	751715	1081923	20.02%	0.789%
14	7.616	934	940	944	rBV4	452145	1050434	19.44%	0.766%
15	7.687	951	952	957	rVB3	460818	597645	11.06%	0.436%
16	7.728	957	959	962	rVB	751504	570454	10.56%	0.416%
17	7.804	967	972	974	rBV2	706698	761672	14.09%	0.556%
18	7.845	977	979	983	rBV3	1198424	1158951	21.44%	0.846%
19	7.875	983	984	988	rVB3	462082	513702	9.51%	0.375%
20	7.940	993	995	997	rBV2	518320	405536	7.50%	0.296%
21	8.022	1006	1009	1015	rBV6	539839	759498	14.05%	0.554%
22	8.075	1015	1018	1021	rBV2	703764	819889	15.17%	0.598%
23	8.163	1028	1033	1035	rBV5	391083	678519	12.55%	0.495%
24	8.204	1035	1040	1046	rVV3	1981742	3601179	66.63%	2.628%
25	8.263	1046	1050	1053	rVB2	2149184	2590113	47.93%	1.890%
26	8.292	1053	1055	1058	rBV2	1068394	972045	17.99%	0.709%
27	8.363	1063	1067	1068	rBV3	447418	516685	9.56%	0.377%
28	8.381	1068	1070	1072	rBV2	429561	384581	7.12%	0.281%
29	8.404	1072	1074	1077	rVB2	1241994	1259638	23.31%	0.919%
30	8.451	1080	1082	1085	rBV4	556674	457327	8.46%	0.334%
31	8.498	1085	1090	1093	rBV4	1013635	1335052	24.70%	0.974%
32	8.557	1097	1100	1102	rBV2	442037	395112	7.31%	0.288%
33	8.592	1102	1106	1108	rVB	1048275	940741	17.41%	0.686%
34	8.628	1109	1112	1114	rBV	2319813	1982493	36.68%	1.447%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-04-COMP

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

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.675	1118	1120	1123	rVB3	899020	721119	13.34%	0.526%
36	8.716	1123	1127	1129	rBV2	1126062	1109617	20.53%	0.810%
37	8.751	1131	1133	1135	rBV2	529191	412407	7.63%	0.301%
38	8.798	1138	1141	1144	rBV3	571020	828417	15.33%	0.604%
39	8.898	1155	1158	1161	rVB2	1365250	1428584	26.43%	1.042%
40	8.957	1166	1168	1170	rBV	800382	587391	10.87%	0.429%
41	8.992	1170	1174	1175	rBV4	581427	751012	13.90%	0.548%
42	9.034	1177	1181	1183	rVV2	2163963	2504742	46.35%	1.828%
43	9.057	1183	1185	1188	rVV4	622189	829561	15.35%	0.605%
44	9.092	1188	1191	1193	rVV4	473430	592610	10.97%	0.432%
45	9.116	1193	1195	1199	rVV4	741243	756642	14.00%	0.552%
46	9.151	1199	1201	1203	rVV2	700718	627445	11.61%	0.458%
47	9.175	1203	1205	1209	rVV4	646988	559970	10.36%	0.409%
48	9.234	1212	1215	1220	rVV2	3236981	3189034	59.01%	2.327%
49	9.287	1220	1224	1229	rVB	5039159	4339576	80.30%	3.167%
50	9.375	1234	1239	1242	rBV4	1530931	2247058	41.58%	1.640%
51	9.410	1243	1245	1246	rVV2	576894	519348	9.61%	0.379%
52	9.439	1247	1250	1252	rVV2	1318990	1397270	25.85%	1.020%
53	9.463	1252	1254	1256	rVV3	504169	409464	7.58%	0.299%
54	9.486	1256	1258	1261	rVB3	476595	470763	8.71%	0.344%
55	9.557	1266	1270	1275	rVB5	1122345	1631213	30.18%	1.190%
56	9.604	1275	1278	1280	rBV4	650341	707148	13.08%	0.516%
57	9.628	1280	1282	1284	rVV2	1128696	943244	17.45%	0.688%
58	9.651	1284	1286	1288	rVB2	1176222	927316	17.16%	0.677%
59	9.692	1288	1293	1295	rBV4	4106247	4652304	86.08%	3.395%
60	9.716	1295	1297	1299	rVB	899943	630146	11.66%	0.460%
61	9.745	1299	1302	1307	rBV5	1415565	1695665	31.37%	1.237%
62	9.839	1314	1318	1321	rBV3	1051882	1681034	31.10%	1.227%
63	9.886	1323	1326	1328	rVB2	1388785	1244302	23.02%	0.908%
64	9.969	1333	1340	1343	rVV3	1918094	2748972	50.86%	2.006%
65	10.004	1344	1346	1348	rVV3	646446	495584	9.17%	0.362%
66	10.075	1355	1358	1363	rVB	1338439	1519100	28.11%	1.108%
67	10.169	1371	1374	1378	rVV2	1595605	2270921	42.02%	1.657%
68	10.216	1379	1382	1391	rVB5	1174876	2439317	45.13%	1.780%
69	10.292	1391	1395	1397	rBV2	1538429	1779034	32.92%	1.298%
70	10.316	1397	1399	1401	rVB	824493	604963	11.19%	0.441%
71	10.345	1401	1404	1406	rVB2	590414	531228	9.83%	0.388%

LSC Area Percent Report

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Misc :
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Instrument : BNA_F
ClientSampleId : SB-04-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.381	1406	1410	1416	rBV6	910644	1676021	31.01%	1.223%
73	10.428	1416	1418	1421	rBV3	421693	459265	8.50%	0.335%
74	10.516	1430	1433	1435	rBV2	866268	947014	17.52%	0.691%
75	10.586	1443	1445	1447	rVV	575059	412973	7.64%	0.301%
76	10.628	1447	1452	1456	rVB2	2680520	3674134	67.98%	2.681%
77	10.763	1472	1475	1478	rVB	2347199	1969867	36.45%	1.437%
78	10.839	1486	1488	1492	rBV4	364045	572748	10.60%	0.418%
79	10.892	1493	1497	1503	rVB2	5041610	5404512	100.00%	3.944%
80	10.963	1506	1509	1511	rVV2	550543	521217	9.64%	0.380%
81	11.104	1530	1533	1535	rVB2	1237899	1077513	19.94%	0.786%
82	11.186	1544	1547	1548	rBV2	401073	412666	7.64%	0.301%
83	11.357	1573	1576	1582	rVB	3140668	3387837	62.69%	2.472%
84	11.463	1591	1594	1596	rBV	1667708	1419159	26.26%	1.036%
85	11.486	1596	1598	1601	rVB	1497531	1181748	21.87%	0.862%
86	11.704	1631	1635	1646	rVB6	1019368	1862453	34.46%	1.359%
87	11.969	1677	1680	1681	rBV	495527	502850	9.30%	0.367%
88	12.075	1696	1698	1701	rVB2	629815	546635	10.11%	0.399%
89	12.445	1758	1761	1763	rBV	485679	480782	8.90%	0.351%
90	12.516	1770	1773	1776	rBV	681165	621872	11.51%	0.454%
91	12.680	1798	1801	1805	rVB	1782819	1463558	27.08%	1.068%
92	12.910	1835	1840	1842	rBV	1495592	1446570	26.77%	1.056%
93	12.963	1847	1849	1853	rVB2	388403	378946	7.01%	0.277%
94	13.051	1860	1864	1867	rBV	3464759	3007636	55.65%	2.195%
95	14.104	2039	2043	2046	rBV2	1358145	1761172	32.59%	1.285%
96	14.133	2046	2048	2054	rVB	733088	620863	11.49%	0.453%
97	15.168	2220	2224	2232	rVB	566751	1191328	22.04%	0.869%
98	15.551	2286	2289	2293	rVB	341896	378367	7.00%	0.276%
99	15.616	2296	2300	2303	rBV	692659	864969	16.00%	0.631%
100	17.145	2556	2560	2567	rVB2	205100	391895	7.25%	0.286%

Sum of corrected areas: 137045197

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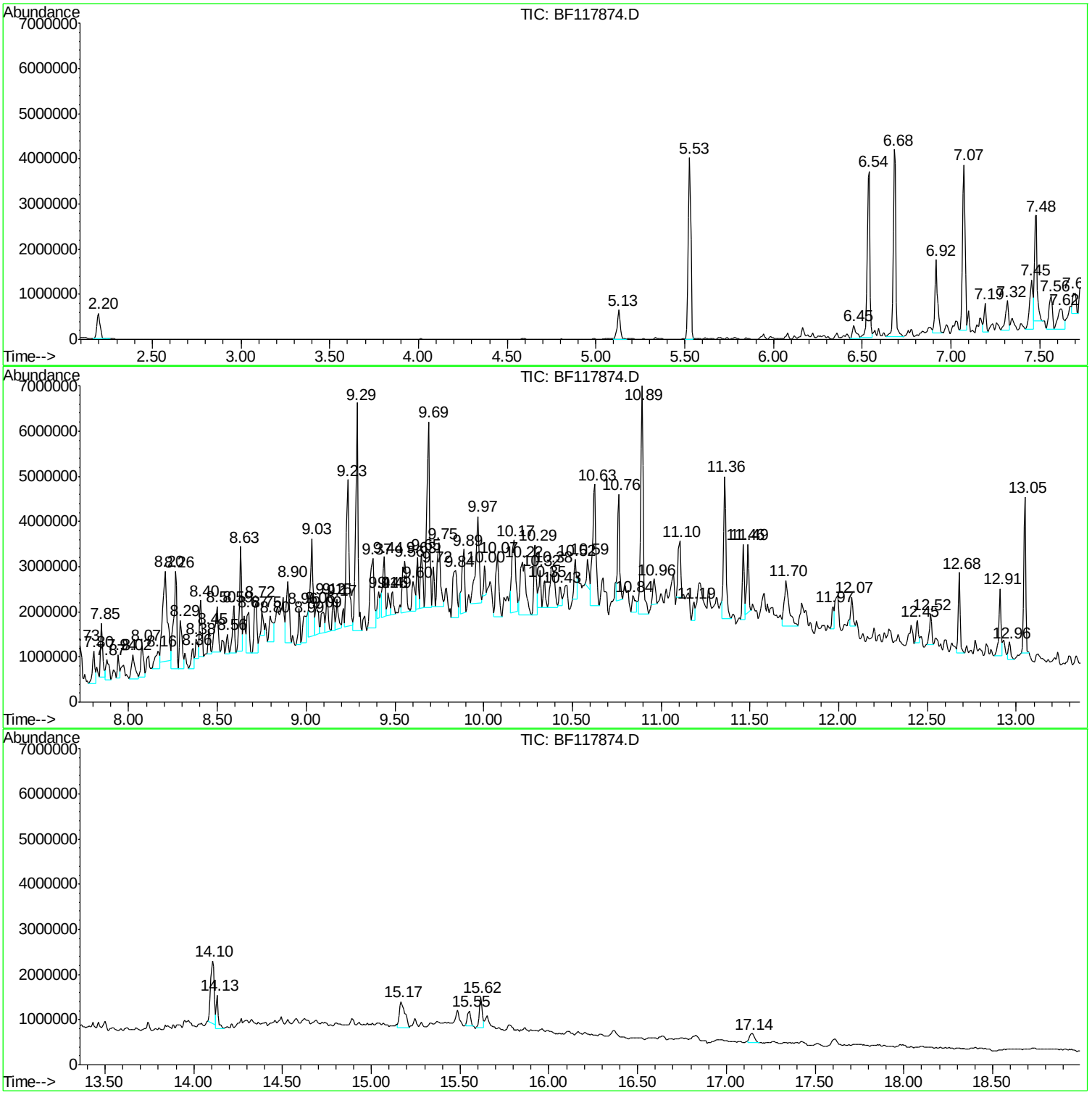
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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\BF111919\
Data File : BF117874.D
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Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

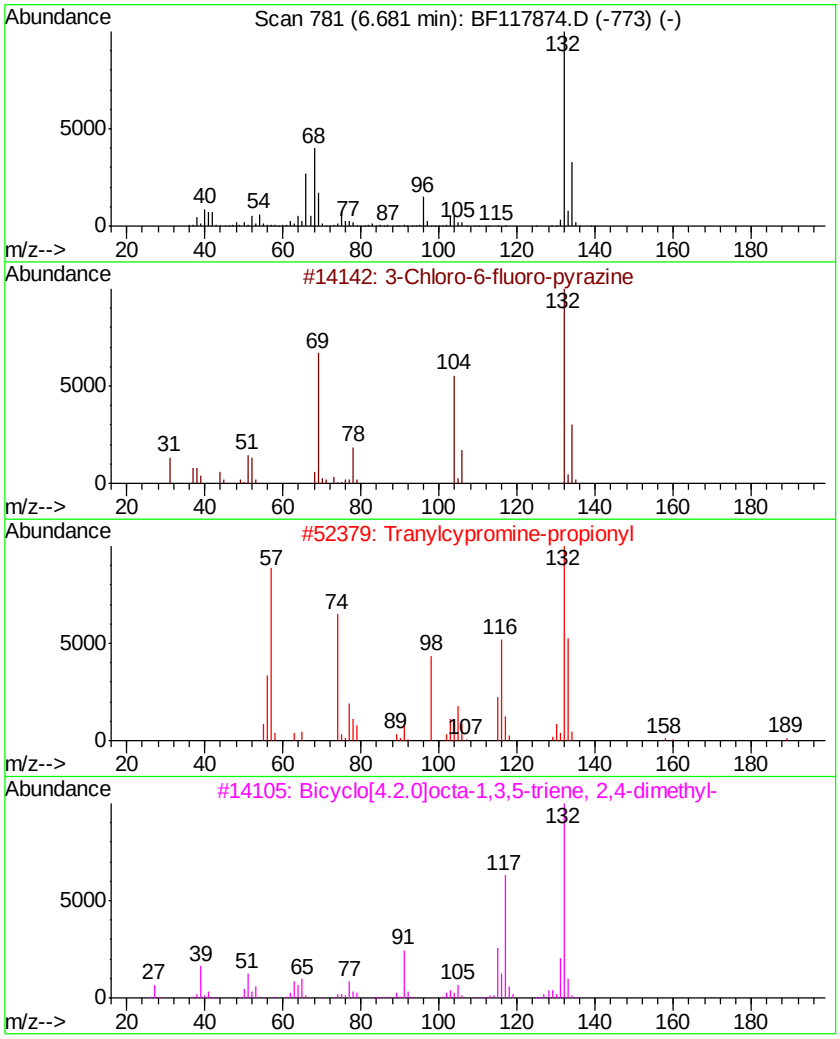
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

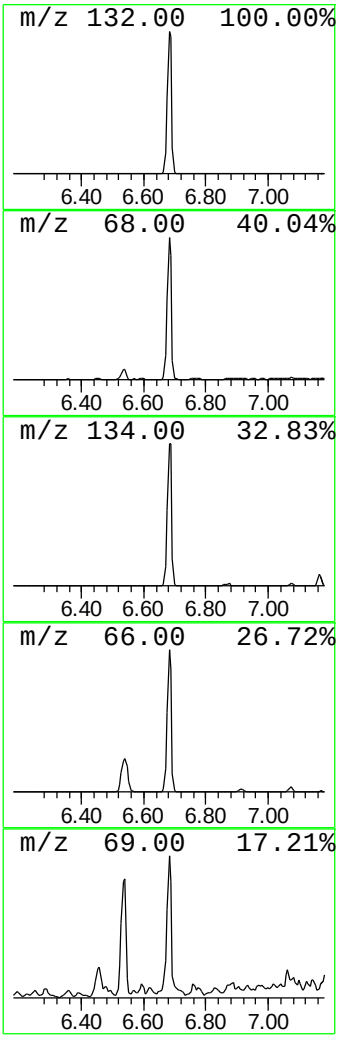
****

Peak Number 1 unknown6.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	51.01 ng	4502930	1,4-Dichlorobenzene-d4	6.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	Xenon	132	Xe	007440-63-3	9





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Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

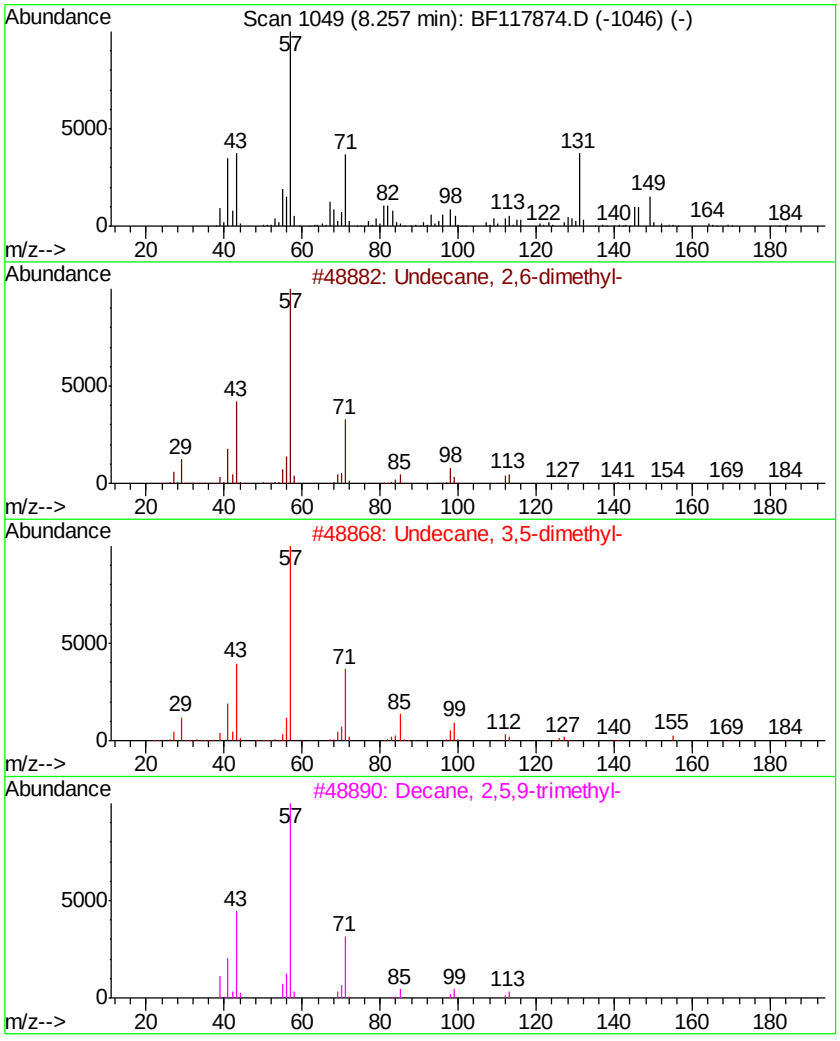
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

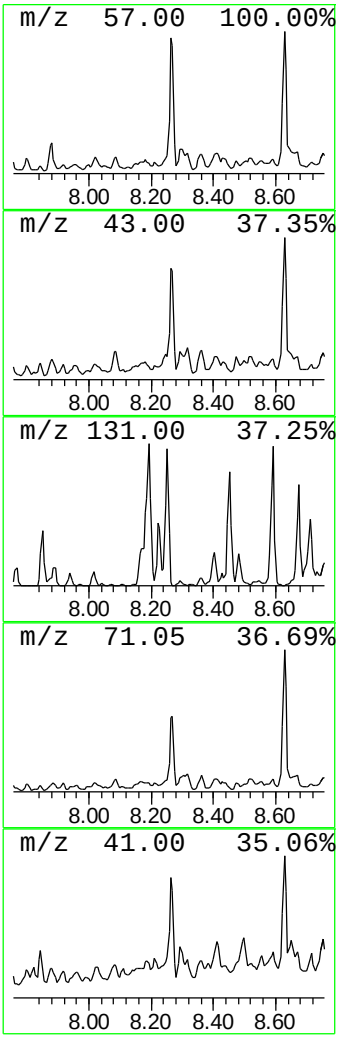
****

Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.26	14.38 ng	2590110	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	70
5	Undecane	156	C11H24	001120-21-4	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

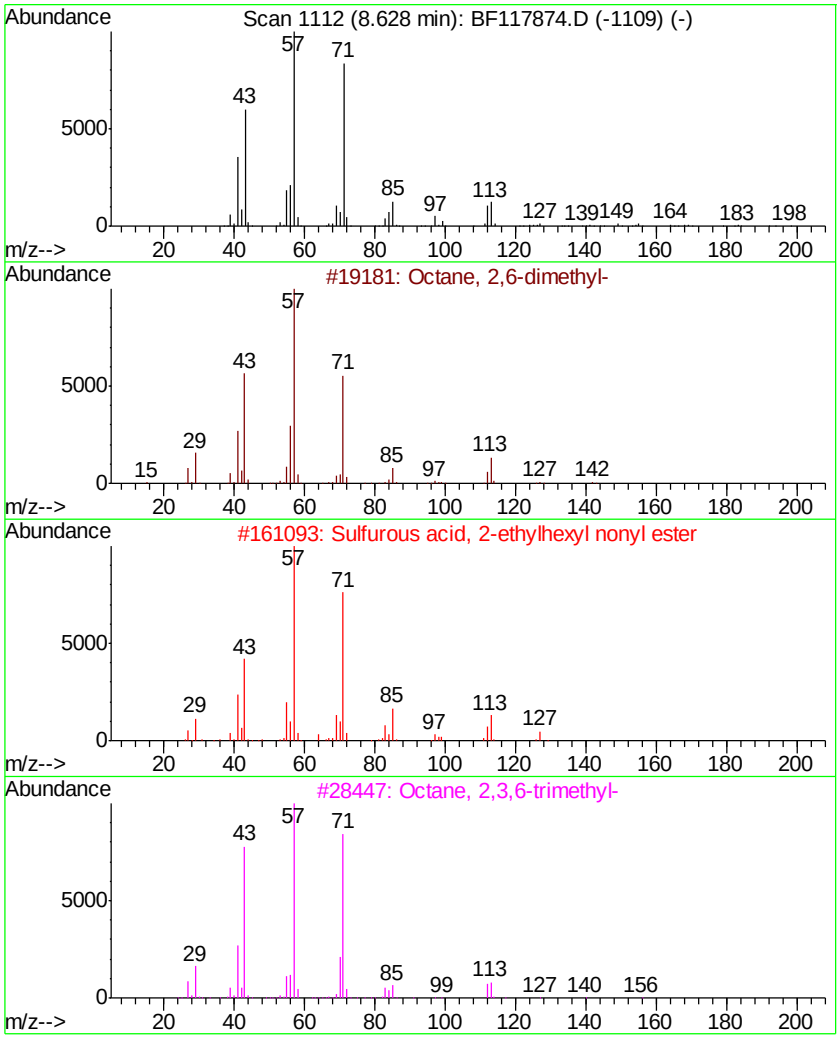
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

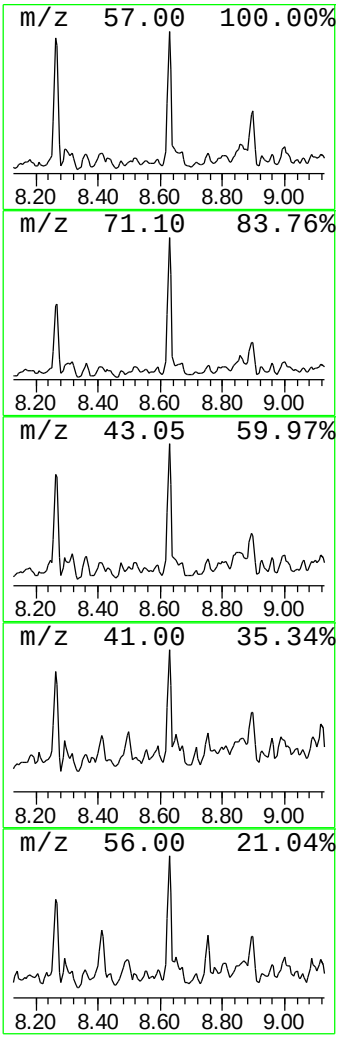
****

Peak Number 4 Octane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	11.01 ng	1982490	Naphthalene-d8	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	80
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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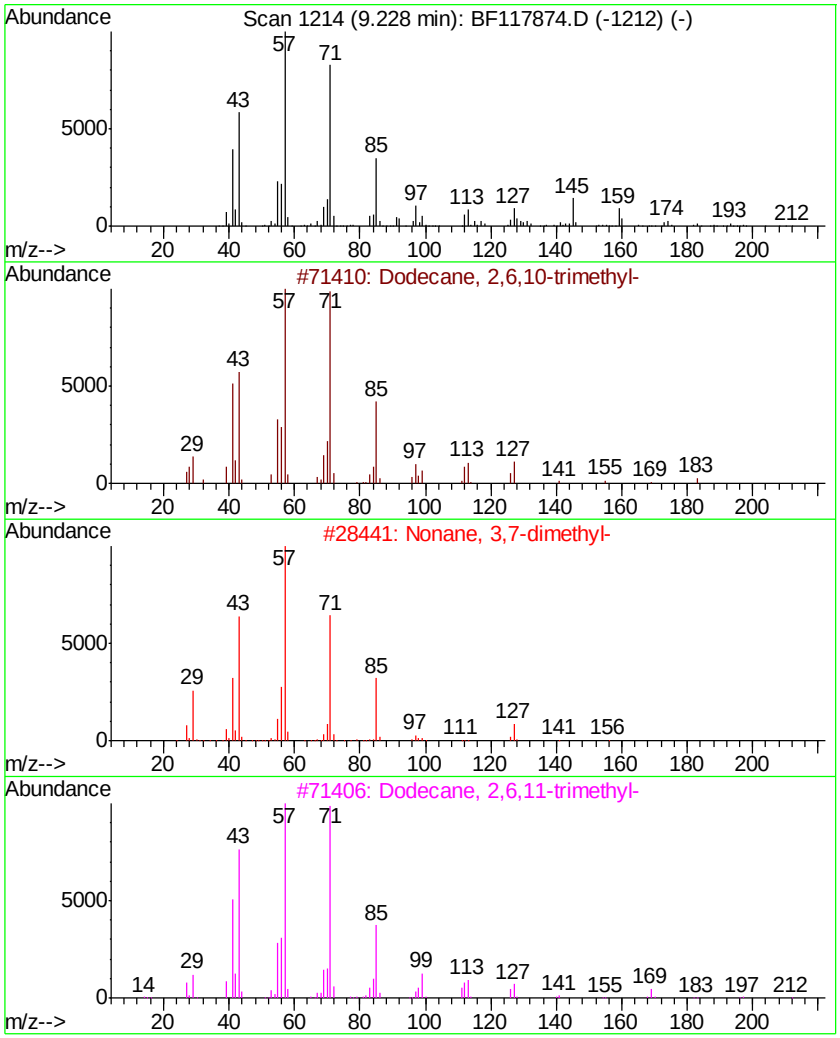
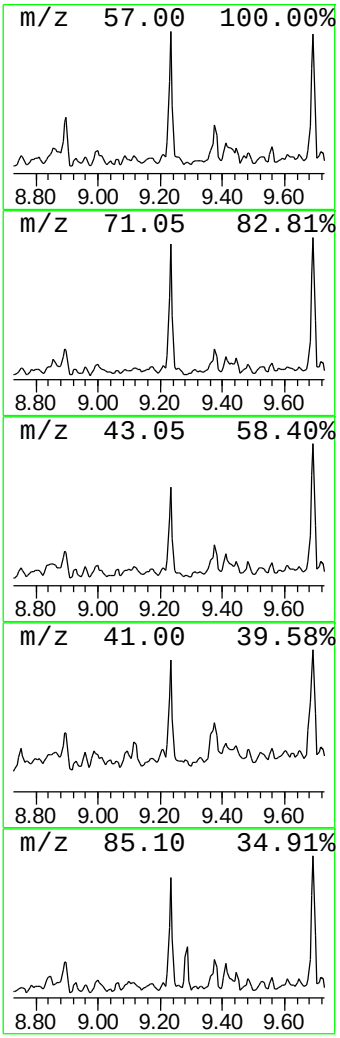
Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	23.20 ng	3189030	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	62





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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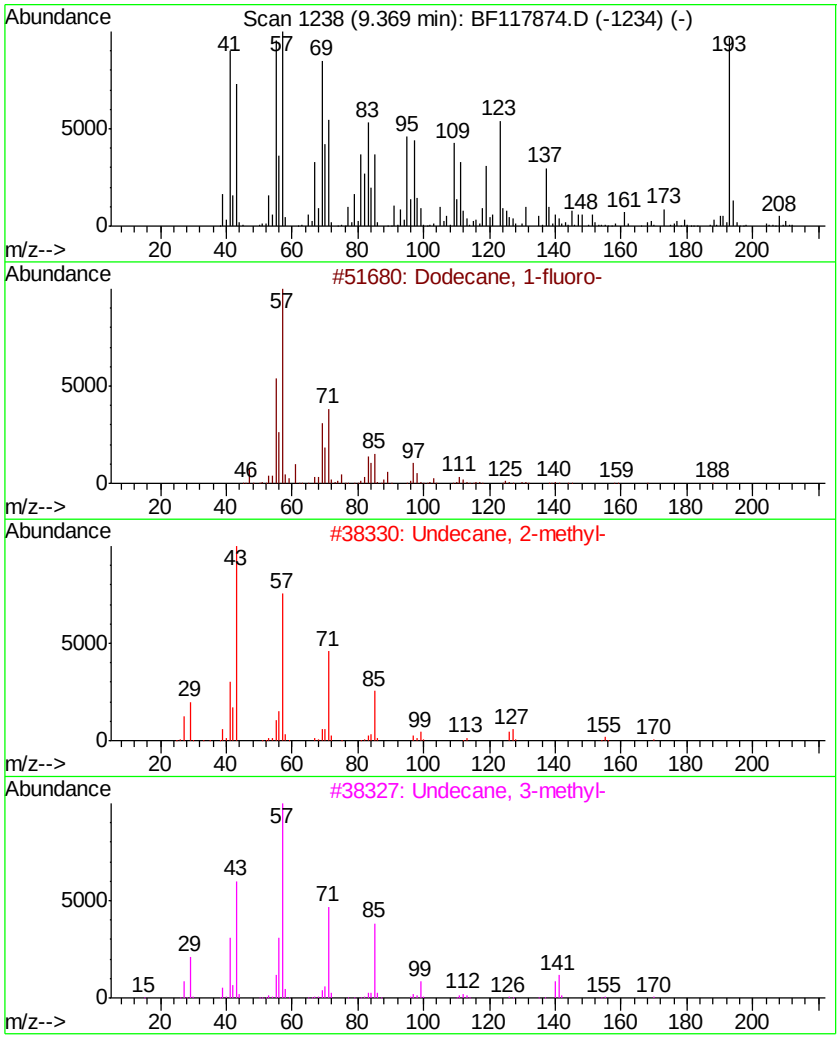
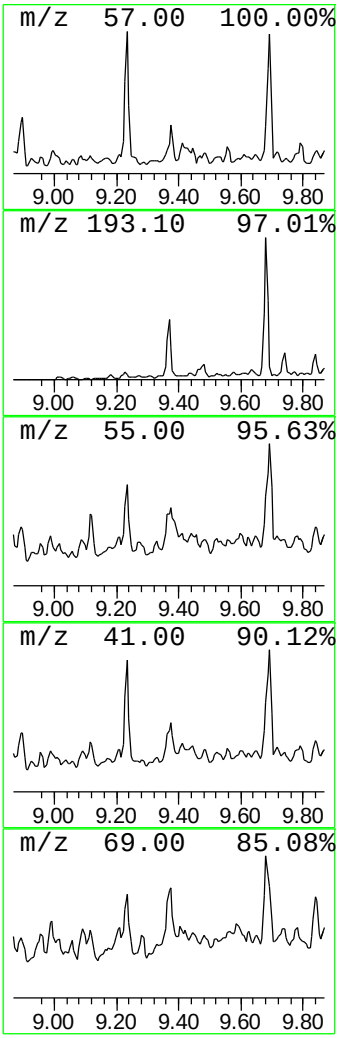
Peak Number 6 Dodecane, 1-fluoro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	16.35 ng	2247060	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	55
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	38
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	38
4	Spiro[5.6]dodecane-1,7-dione	194	C12H18O2	050803-80-0	35
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	30





Library Search Compound Report

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Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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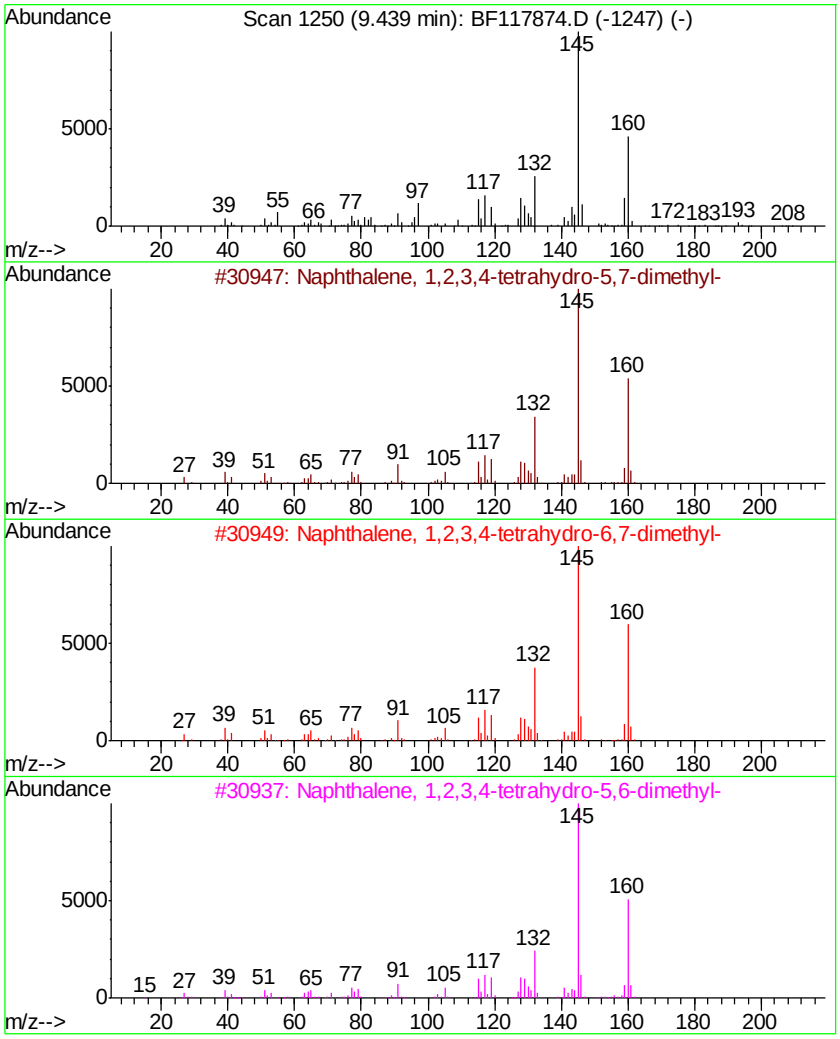
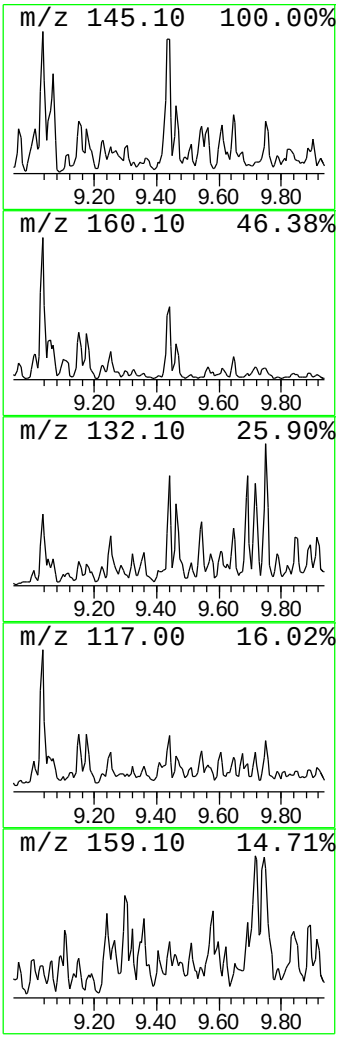
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	10.17 ng	1397270	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	91
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	87
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	81





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Sample : K5864-08
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Instrument : BNA_F
ClientSampleId : SB-04-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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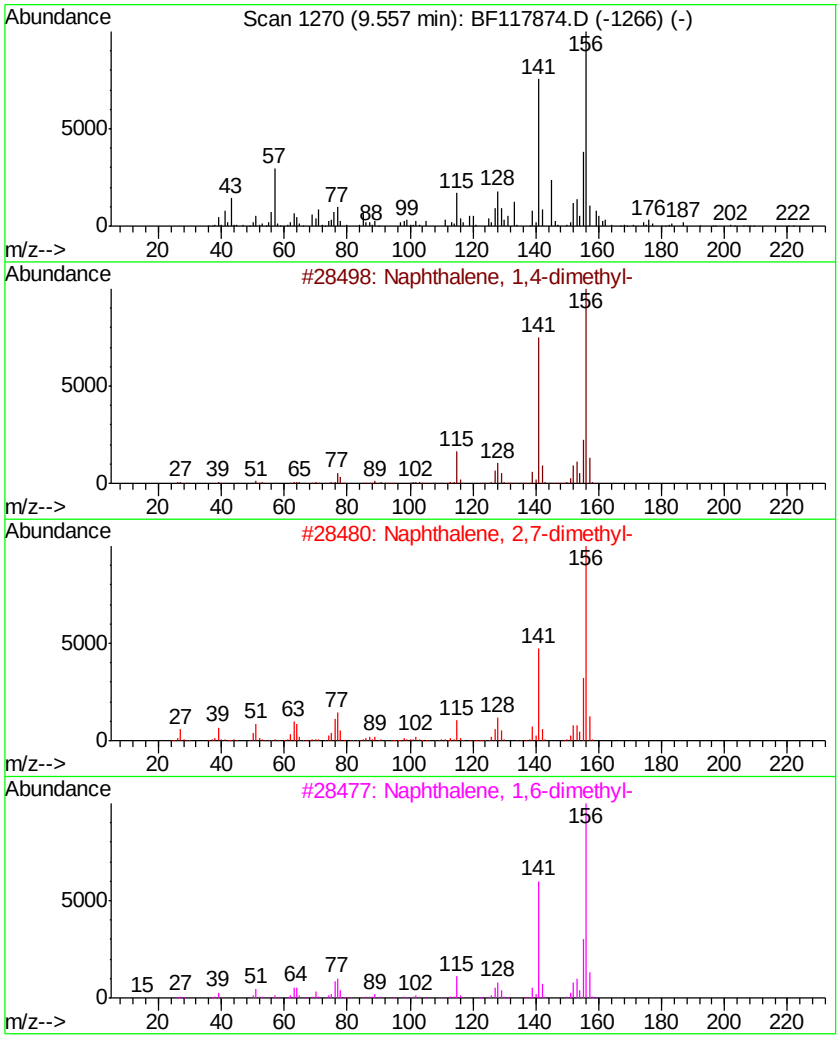
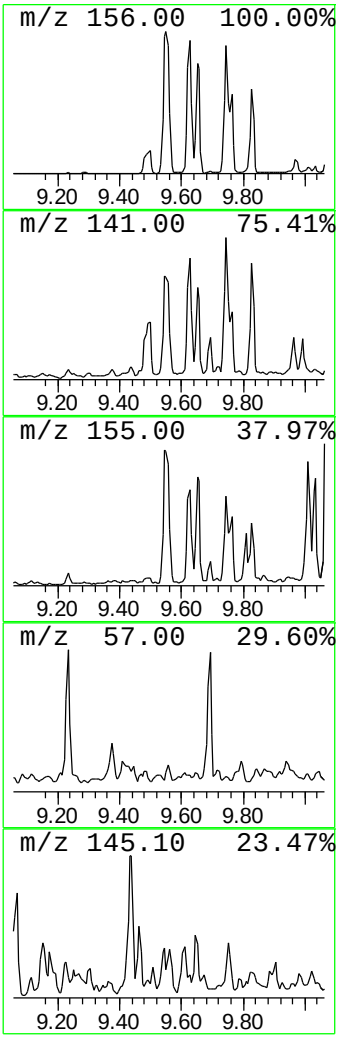
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	11.87 ng	1631210	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94





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ClientSampleId : SB-04-COMP

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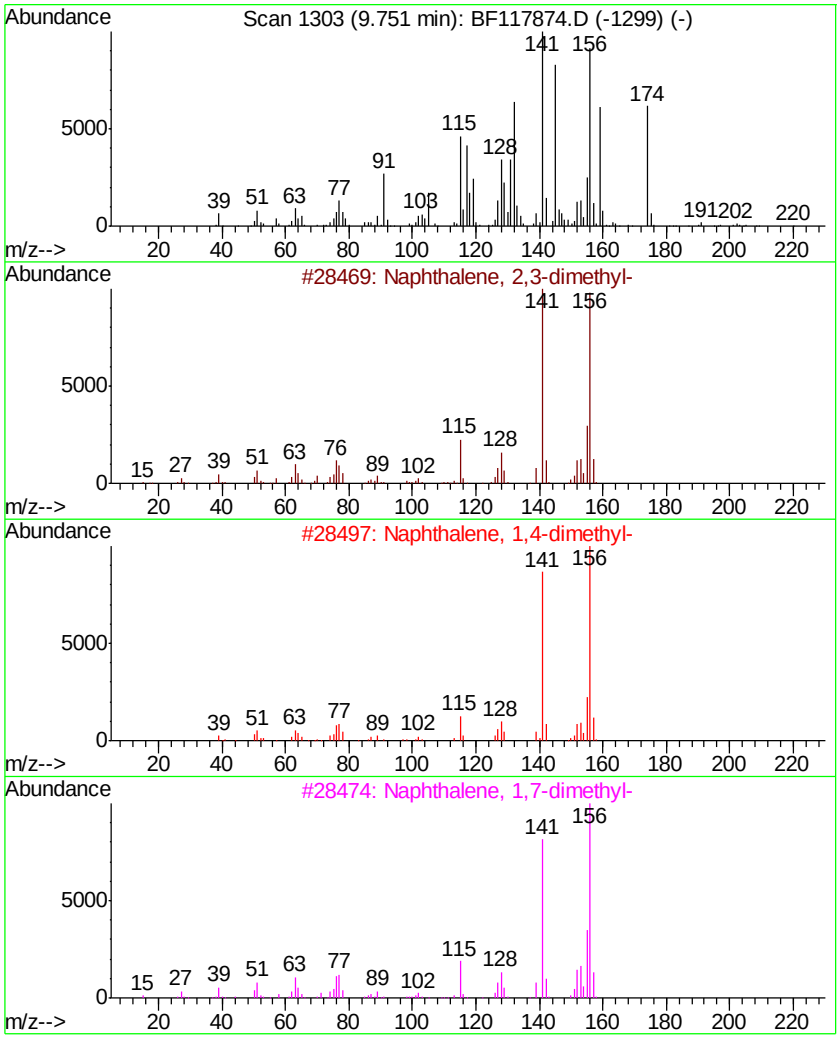
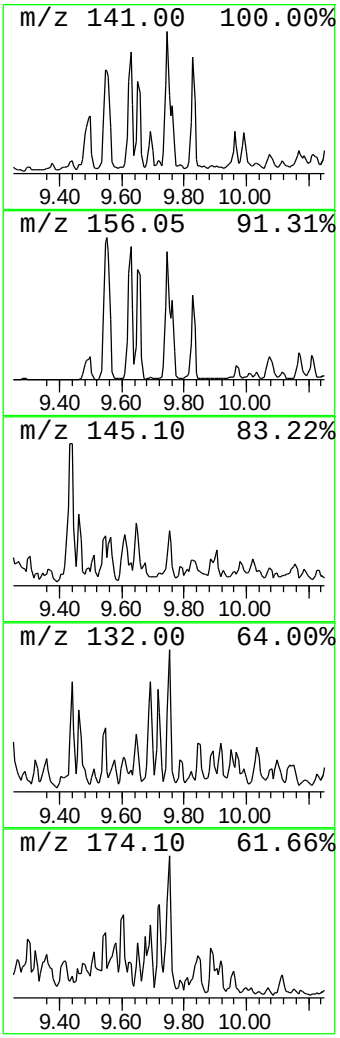
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	12.34 ng	1695670	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	91
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
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TIC Library : C:\DATABASE\NIST11.L
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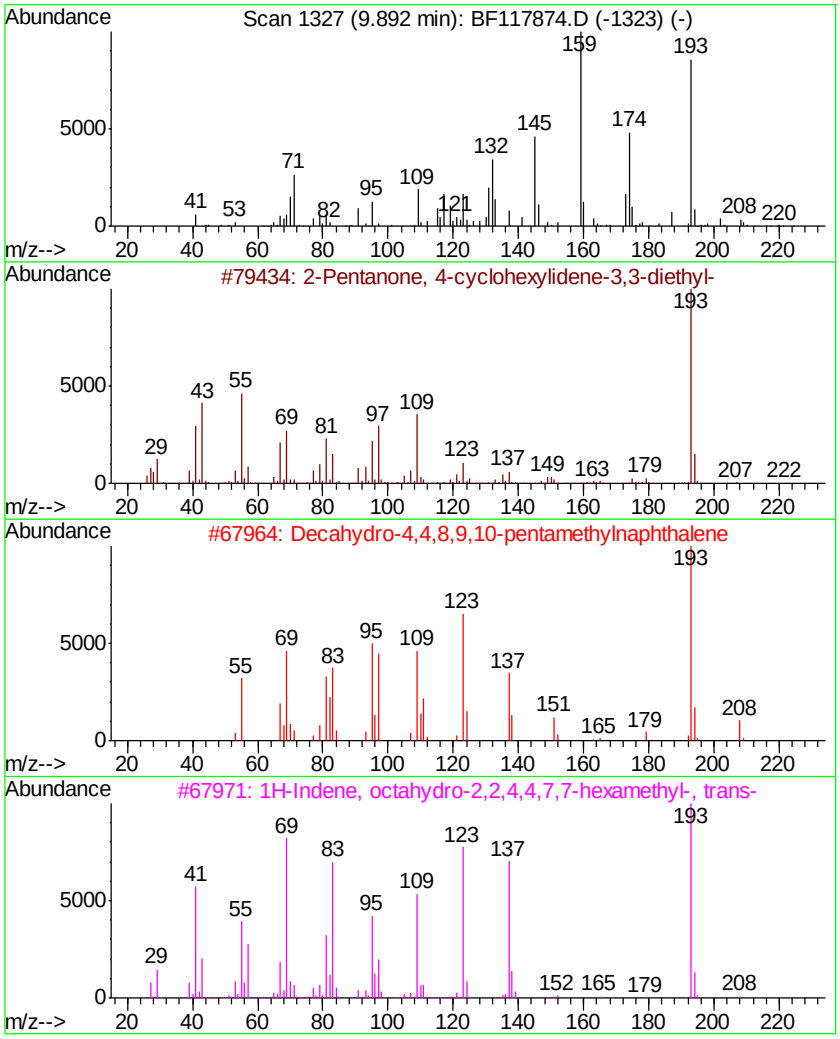
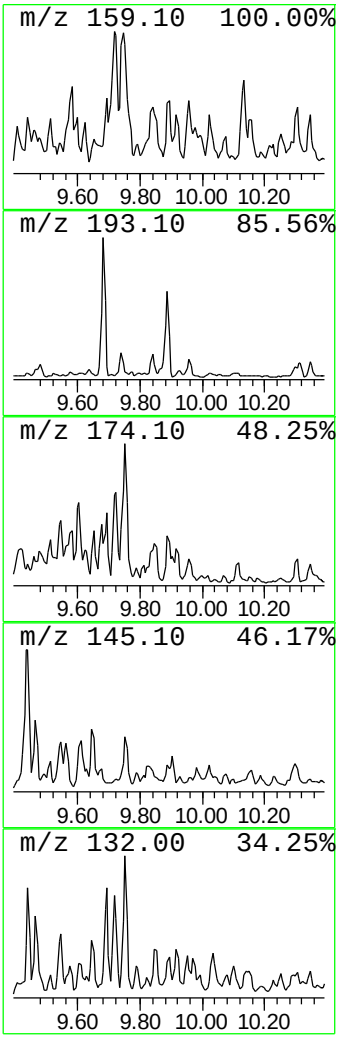
Peak Number 10 unknown9.89 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	9.05 ng	1244300	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	38
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
4	9-Vinylcarbazole	193	C14H11N	001484-13-5	16
5	2-Anthracenamine	193	C14H11N	000613-13-8	14





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ALS Vial : 24 Sample Multiplier: 1

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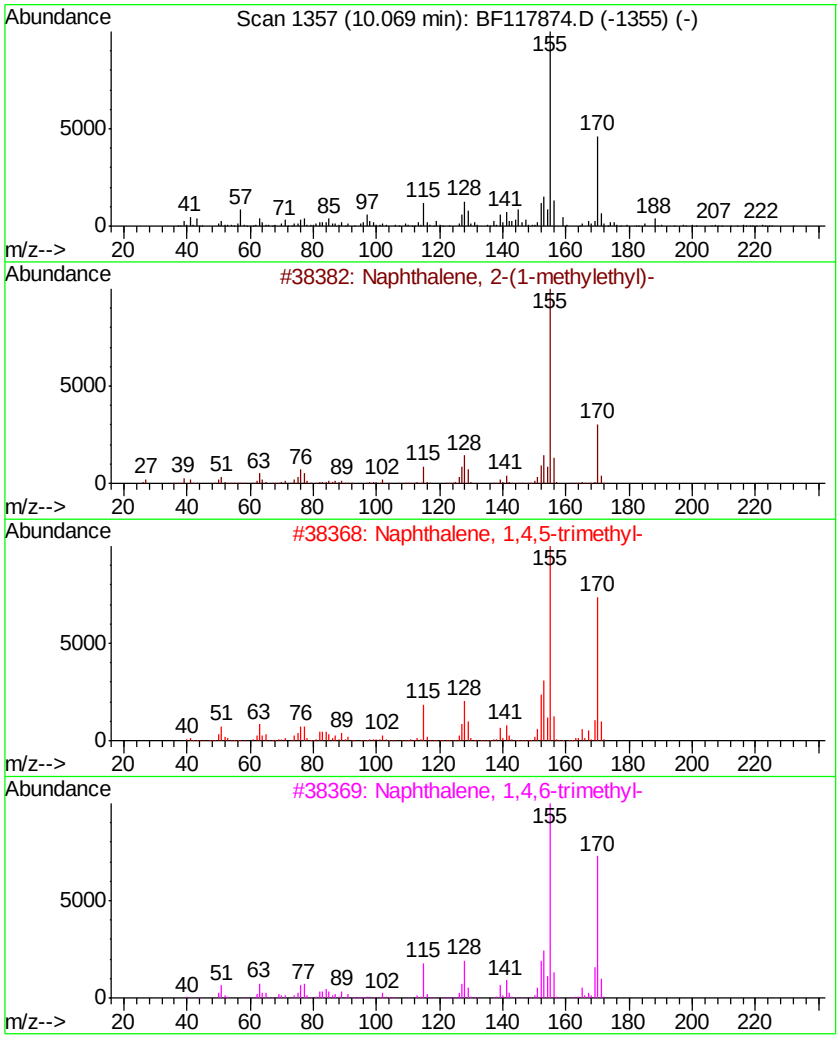
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

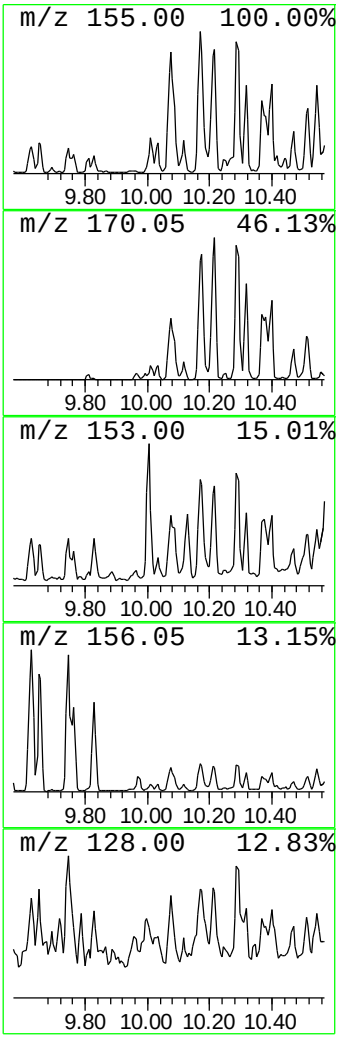
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	11.05 ng	1519100	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	5-Methyl-1-phenylhexa-1,3,4-triene	170	C13H14	103240-79-5	64
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64





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ClientSampleId : SB-04-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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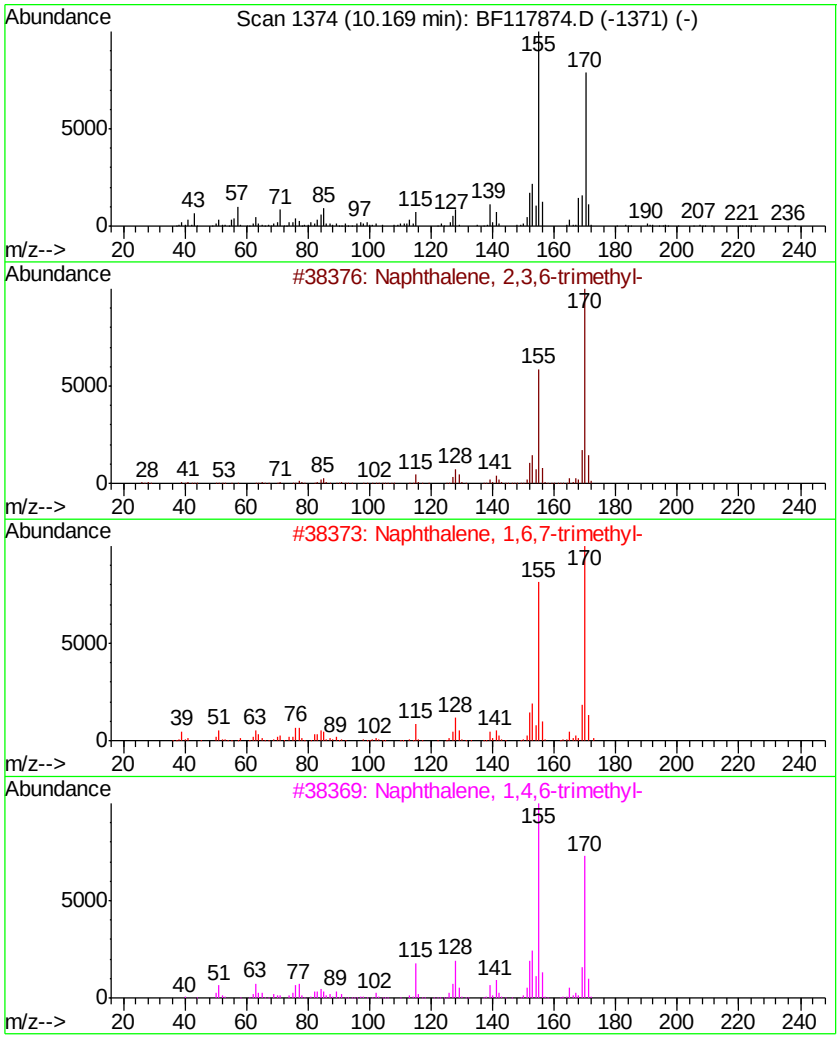
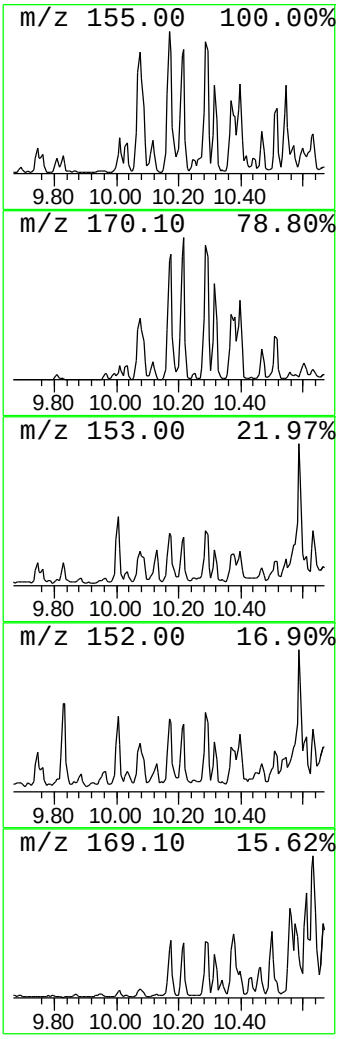
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	16.52 ng	2270920	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87





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ClientSampleId : SB-04-COMP

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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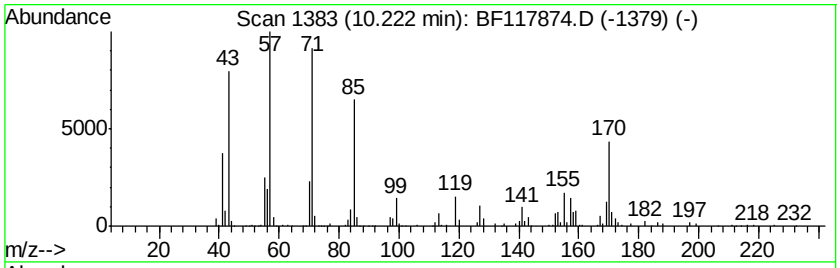
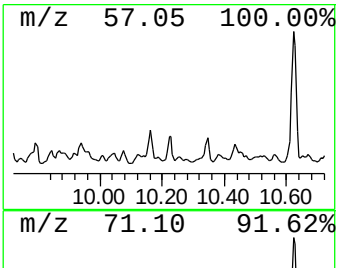
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	17.75 ng	2439320	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
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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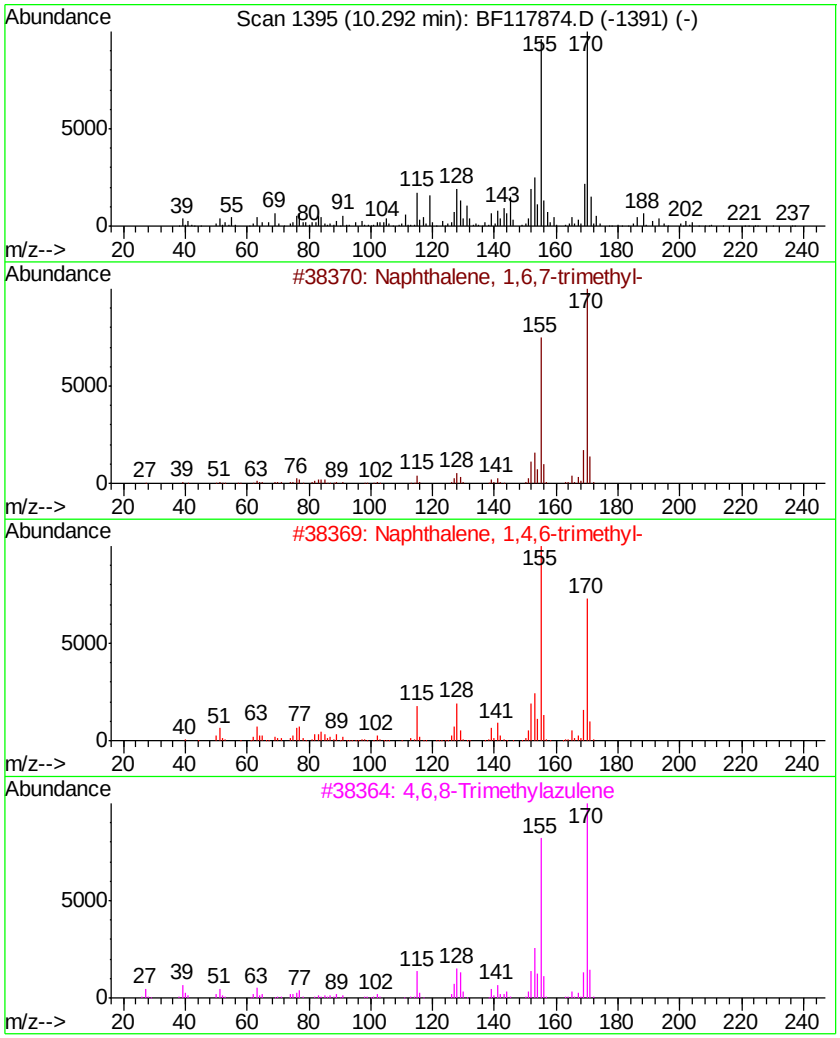
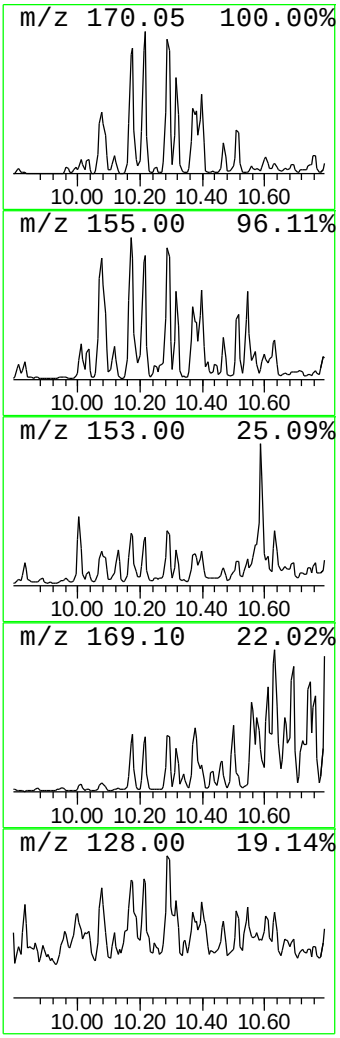
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	12.94 ng	1779030	Acenaphthene-d10	9.97

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





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TIC Library : C:\DATABASE\NIST11.L
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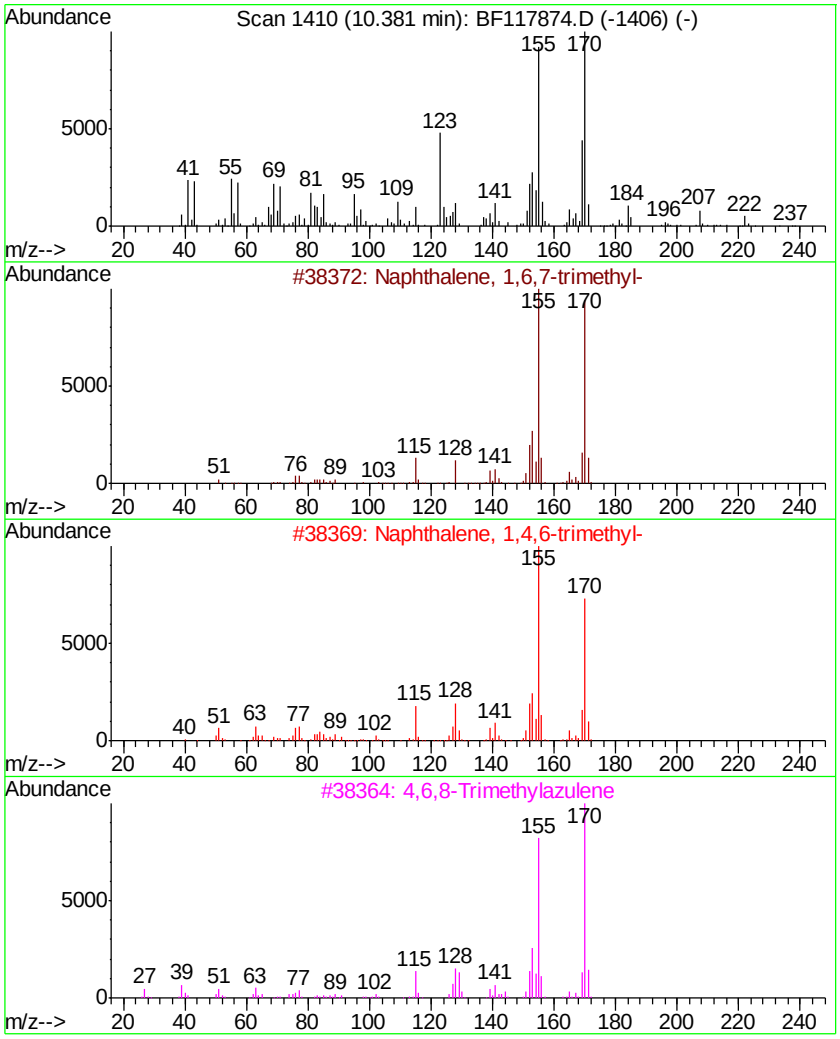
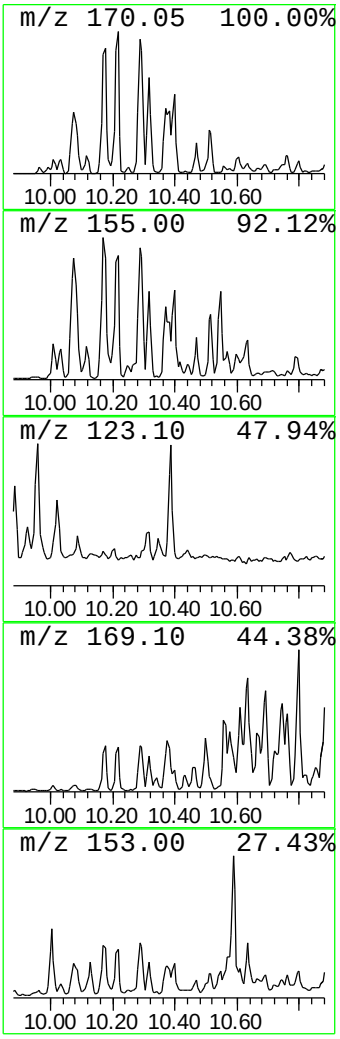
Peak Number 15 4,6,8-Trimethylazulene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	12.19 ng	1676020	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70





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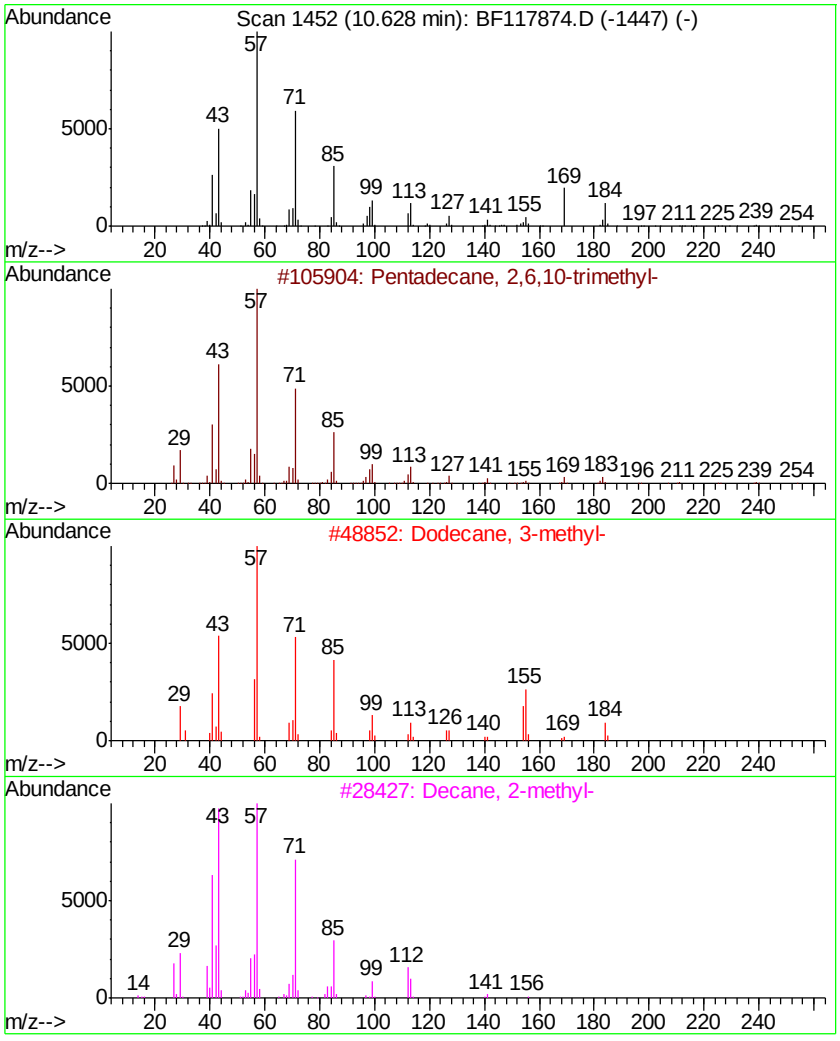
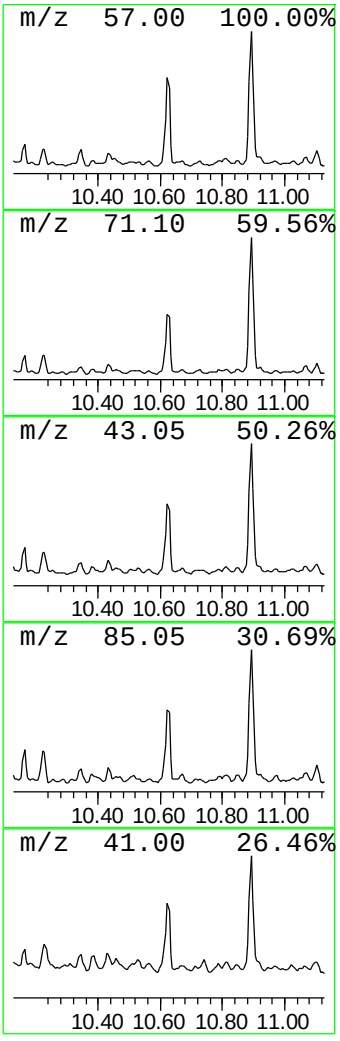
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	26.73 ng	3674130	Acenaphthene-d10	9.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	62
4	Heptacosane	380	C27H56	000593-49-7	58
5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	53





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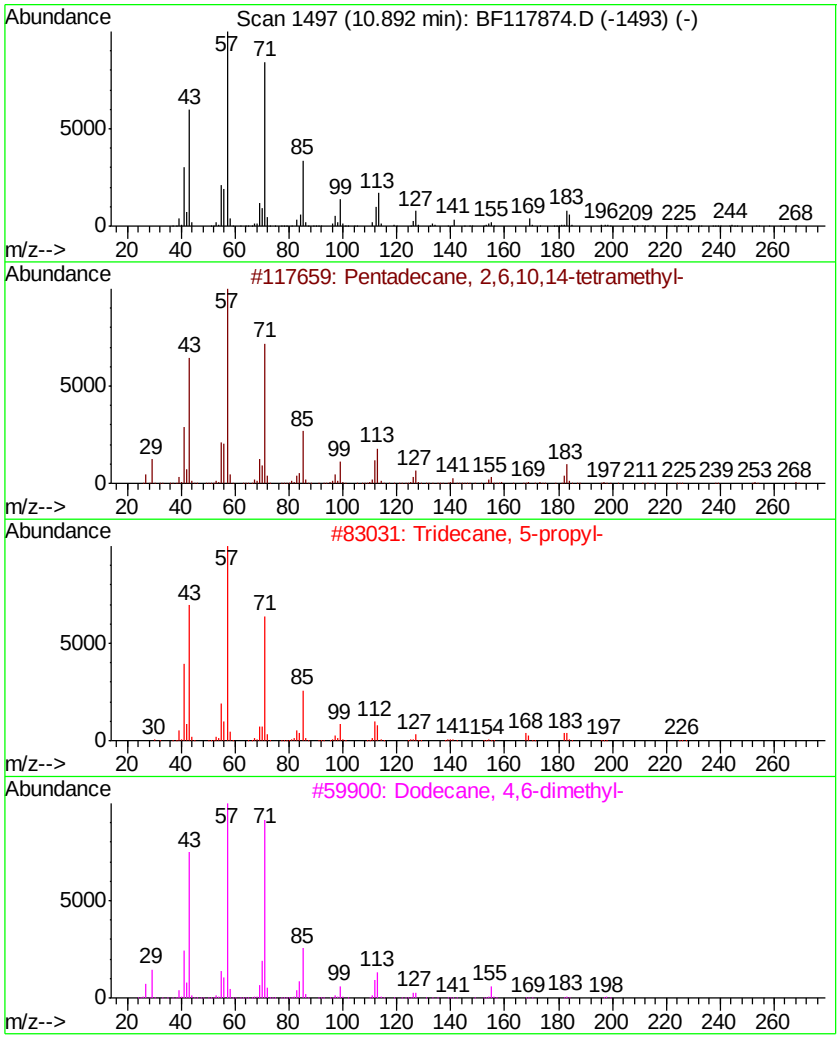
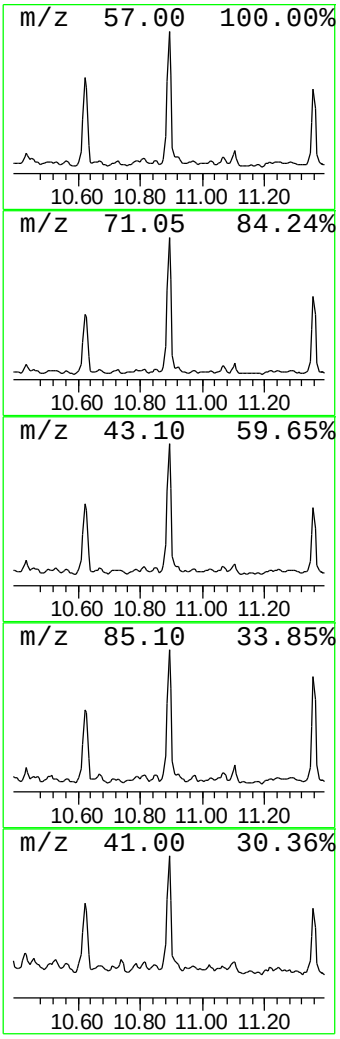
Peak Number 17 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	76.17 ng	5404510	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	74
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
5	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117874.D
Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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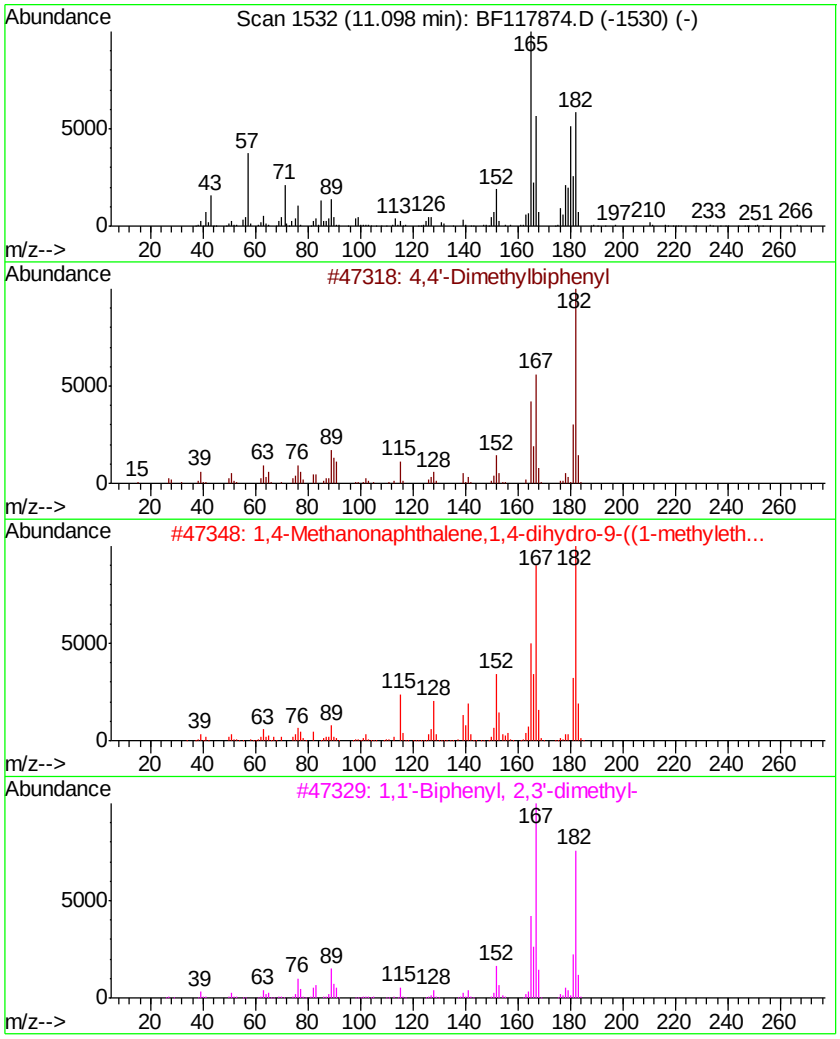
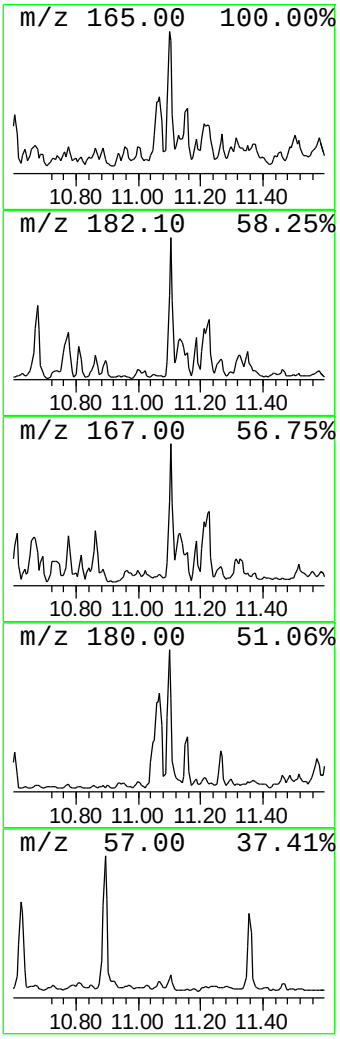
Peak Number 18 4,4'-Dimethylbiphenyl Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	15.19 ng	1077510	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	90
2	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
3	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	64
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	58
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58





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Data File : BF117874.D
Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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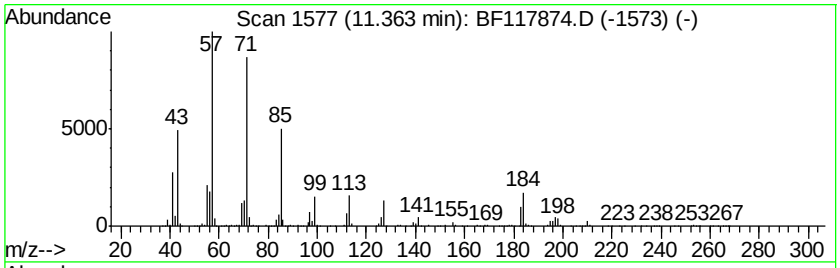
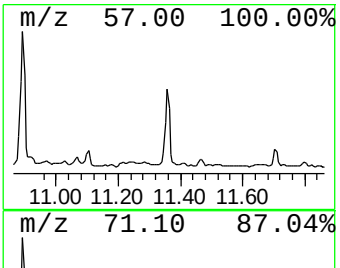
Peak Number 19 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	47.74 ng	3387840	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tetracosane	338	C24H50	000646-31-1	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111919\
Data File : BF117874.D
Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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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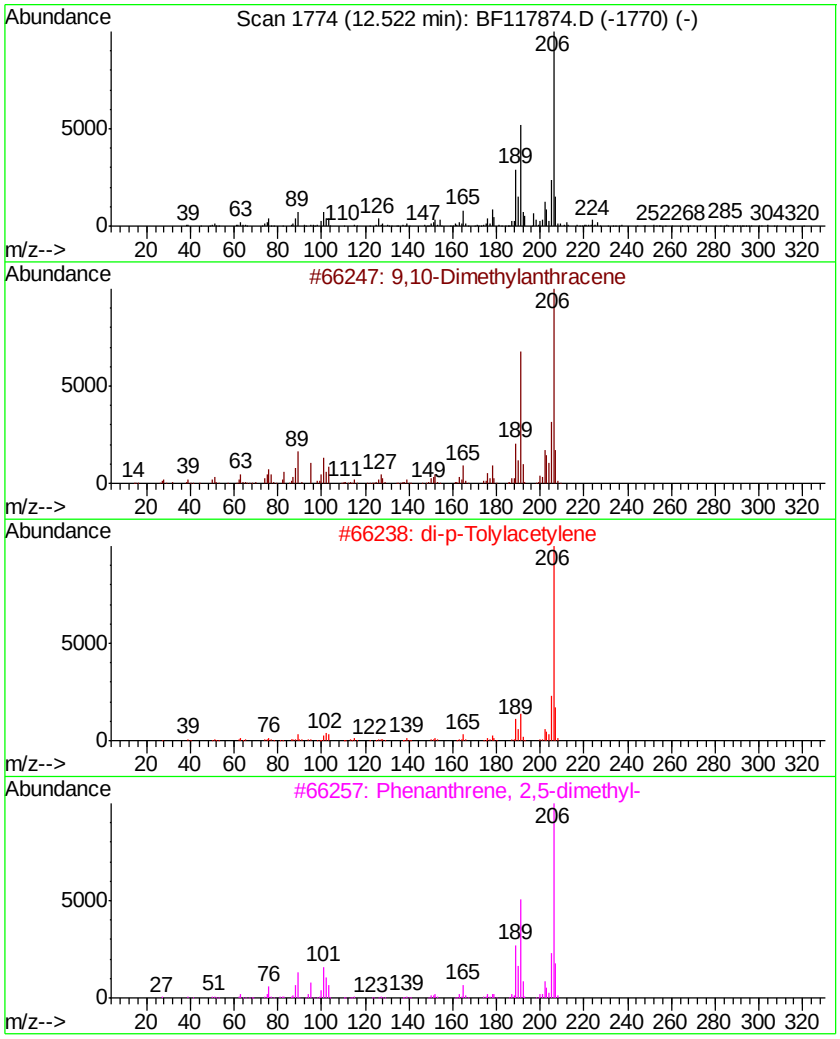
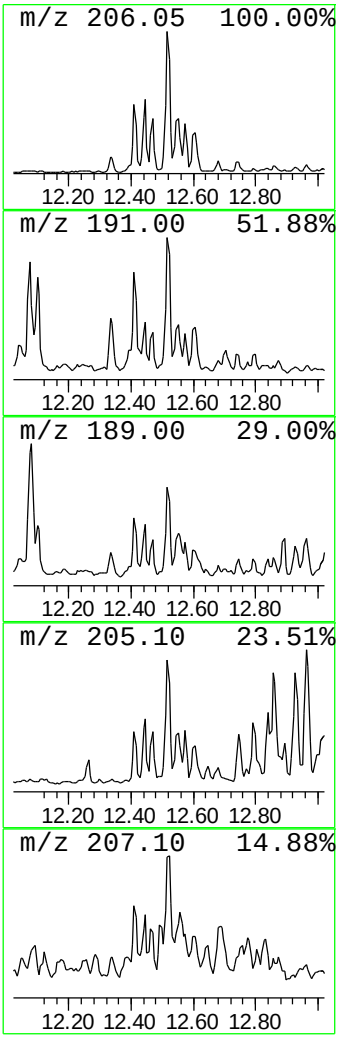
Peak Number 20 9,10-Dimethylanthracene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	8.76 ng	621872	Phenanthrene-d10	11.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111919\
Data File : BF117874.D
Acq On : 19 Nov 2019 21:58
Operator : JU
Sample : K5864-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.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
unknown6.68	6.68	51.0	ng	4502930	1	6.92	1765450	20.0
Undecane, 2,6-dim...	8.26	14.4	ng	2590110	2	8.20	3601180	20.0
Octane, 2,6-dimet...	8.63	11.0	ng	1982490	2	8.20	3601180	20.0
Dodecane, 2,6,10-...	9.23	23.2	ng	3189030	3	9.97	2748970	20.0
Dodecane, 1-fluoro-	9.37	16.4	ng	2247060	3	9.97	2748970	20.0
Naphthalene, 1,2,...	9.44	10.2	ng	1397270	3	9.97	2748970	20.0
Naphthalene, 1,4-...	9.56	11.9	ng	1631210	3	9.97	2748970	20.0
Naphthalene, 2,3-...	9.75	12.3	ng	1695670	3	9.97	2748970	20.0
unknown9.89	9.89	9.1	ng	1244300	3	9.97	2748970	20.0
Naphthalene, 2-(1...	10.07	11.1	ng	1519100	3	9.97	2748970	20.0
Naphthalene, 2,3,...	10.17	16.5	ng	2270920	3	9.97	2748970	20.0
Naphthalene, 1,4,...	10.22	17.8	ng	2439320	3	9.97	2748970	20.0
Naphthalene, 1,6,...	10.29	12.9	ng	1779030	3	9.97	2748970	20.0
4,6,8-Trimethylaz...	10.38	12.2	ng	1676020	3	9.97	2748970	20.0
Pentadecane, 2,6,...	10.63	26.7	ng	3674130	3	9.97	2748970	20.0
Pentadecane, 2,6,...	10.89	76.2	ng	5404510	4	11.46	1419160	20.0
4,4'-Dimethylbiph...	11.10	15.2	ng	1077510	4	11.46	1419160	20.0
Tridecane	11.36	47.7	ng	3387840	4	11.46	1419160	20.0
9,10-Dimethylanth...	12.52	8.8	ng	621872	4	11.46	1419160	20.0