LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124775.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	573	579	582	rVB	146473	139329	25.75%	1.418%
2	6.128	681	687	693	rBV3	48708	77532	14.33%	0.789%
3	6.375	727	729	732	rVB	44690	31043	5.74%	0.316%
4	6.410	732	735	741	rBV3	30683	46727	8.64%	0.475%
5	6.498	746	750	753	rBV	130294	132396	24.47%	1.347%
6	6.622	766	771	775	rBV3	27871	55143	10.19%	0.561%
7	6.657	775	777	783	rVB2	24829	30290	5.60%	0.308%
8	6.886	810	816	819	rVB2	97427	139105	25.71%	1.415%
9	6.934	819	824	827	rVB2	33635	35323	6.53%	0.359%
10	7.022	836	839	843	rVB	68904	63654	11.76%	0.648%
11	7.151	855	861	864	rVB4	68826	83790	15.49%	0.853%
12	7.275	876	882	884	rBV2	48872	48542	8.97%	0.494%
13	7.304	884	887	892	rVB5	21661	31422	5.81%	0.320%
14	7.416	900	906	907	rBV2	75178	101259	18.71%	1.030%
15	7.439	907	910	916	rVB2	92672	113614	21.00%	1.156%
16	7.522	919	924	927	rVB4	59347	92341	17.07%	0.940%
17	7.581	927	934	937	rBV4	46708	105384	19.48%	1.072%
18	7.657	944	947	949	rVB3	51651	47788	8.83%	0.486%
19	7.686	949	952	954	rVB2	53862	44253	8.18%	0.450%
20	7.763	961	965	966	rBV2	38465	40075	7.41%	0.408%
21	7.804	970	972	975	rVB3	74175	55033	10.17%	0.560%
22	7.833	975	977	981	rVB2	42892	47777	8.83%	0.486%
23	7.898	986	988	990	rBV2	54636	45465	8.40%	0.463%
24	7.916	990	991	998	rVB5	32708	40831	7.55%	0.415%
25	7.980	998	1002	1004	rBV4	43373	50021	9.24%	0.509%
26	8.033	1008	1011	1014	rBV2	48774	61592	11.38%	0.627%
27	8.063	1014	1016	1019	rBV3	33472	29980	5.54%	0.305%
28	8.151	1028	1031	1036	rVV5	90555	156266	28.88%	1.590%
29	8.222	1039	1043	1046	rVB2	194858	216157	39.95%	2.200%
30	8.251	1046	1048	1051	rBV	63903	56419	10.43%	0.574%
31	8.316	1056	1059	1061	rBV4	38468	43873	8.11%	0.446%
32	8.339	1061	1063	1065	rBV2	34326	30088	5.56%	0.306%
33	8.363	1065	1067	1070	rVB2	72767	82564	15.26%	0.840%
34	8.451	1077	1082	1086	rVB6	100112	138190	25.54%	1.406%
35	8.545	1095	1098	1101	rVB2	67975	66868	12.36%	0.680%
36	8.586	1101	1105	1107	rBV	225853	211208	39.03%	2.149%

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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.628	1110	1112	1116	rVB4	54360	50454	9.32%	0.513%
38	8.669	1116	1119	1122	rBV3	98582	91563	16.92%	0.932%
39	8.710	1122	1126	1128	rBV4	52489	64523	11.92%	0.657%
40	8.757	1131	1134	1137	rBV3	41631	66356	12.26%	0.675%
41	8.798	1138	1141	1143	rBV2	29852	35254	6.52%	0.359%
42	8.851	1147	1150	1153	rVB3	104089	120937	22.35%	1.231%
43	8.880	1153	1155	1157	rVB	46885	32066	5.93%	0.326%
44	8.916	1158	1161	1163	rVB2	56153	47680	8.81%	0.485%
45	8.951	1163	1167	1168	rBV3	52829	79129	14.62%	0.805%
46	8.992	1171	1174	1176	rVB3	96386	80668	14.91%	0.821%
47	9.075	1185	1188	1191	rVB4	83179	76294	14.10%	0.776%
48	9.104	1191	1193	1196	rBV	45279	54461	10.07%	0.554%
49	9.192	1204	1208	1212	rVV2	293752	283338	52.37%	2.883%
50	9.239	1213	1216	1218	rVV	177205	138165	25.54%	1.406%
51	9.327	1226	1231	1235	rBV6	133782	213916	39.54%	2.177%
52	9.363	1235	1237	1238	rVV2	49622	39478	7.30%	0.402%
53	9.392	1240	1242	1245	rVV4	90642	102551	18.95%	1.044%
54	9.439	1248	1250	1254	rVB3	81948	81121	14.99%	0.825%
55	9.516	1259	1263	1266	rVB3	128542	164511	30.40%	1.674%
56	9.563	1268	1271	1272	rBV3	50036	51543	9.53%	0.524%
57	9.586	1272	1275	1277	rVV	134979	133797	24.73%	1.361%
58	9.610	1277	1279	1281	rVB2	109280	89594	16.56%	0.912%
59	9.651	1281	1286	1288	rVB2	311026	348069	64.33%	3.542%
60	9.674	1288	1290	1292	rVB	54768	36393	6.73%	0.370%
61	9.704	1292	1295	1297	rBV4	93690	94248	17.42%	0.959%
62	9.792	1306	1310	1313	rBV3	82349	97826	18.08%	0.995%
63	9.839	1316	1318	1320	rVB2	84210	66085	12.21%	0.672%
64	9.910	1325	1330	1335	rBV7	89836	182175	33.67%	1.854%
65	9.963	1335	1339	1341	rBV4	58250	69787	12.90%	0.710%
66	10.033	1347	1351	1355	rVB	142429	185569	34.30%	1.888%
67	10.074	1355	1358	1361	rBV4	54220	75013	13.86%	0.763%
68	10.127	1362	1367	1371	rVB2	135060	210246	38.86%	2.139%
69	10.174	1371	1375	1378	rBV2	157868	157946	29.19%	1.607%
70	10.245	1383	1387	1389	rBV2	158234	161964	29.93%	1.648%
71	10.274	1389	1392	1394	rVV2	98602	95876	17.72%	0.976%
72	10.339	1398	1403	1408	rBV5	95455	170097	31.44%	1.731%
73	10.380	1408	1410	1413	rBV3	30250	31219	5.77%	0.318%
74	10.469	1420	1425	1427	rBV3	77822	111628	20.63%	1.136%
75	10.580	1439	1444	1448	rVB2	282309	374237	69.17%	3.808%
76	10.621	1448	1451	1454	rBV5	56616	67315	12.44%	0.685%

LSC Area Percent Report

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Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.674	1457	1460	1462	rBV4	37500	49343	9.12%	0.502%
78	10.716	1465	1467	1469	rBV	96884	64516	11.92%	0.656%
79	10.792	1478	1480	1483	rBV4	26828	34886	6.45%	0.355%
80	10.845	1485	1489	1495	rVB2	441753	541074	100.00%	5.506%
81	10.916	1498	1501	1503	rBV3	58433	50950	9.42%	0.518%
82	11.016	1515	1518	1521	rVB3	46942	54268	10.03%	0.552%
83	11.057	1521	1525	1528	rBV5	110495	132462	24.48%	1.348%
84	11.139	1536	1539	1540	rBV3	33829	35550	6.57%	0.362%
85	11.216	1550	1552	1556	rVB5	30511	32657	6.04%	0.332%
86	11.310	1564	1568	1573	rVB	313188	347452	64.22%	3.536%
87	11.416	1583	1586	1588	rBV	68942	68237	12.61%	0.694%
88	11.439	1588	1590	1593	rVB	58817	47266	8.74%	0.481%
89	11.651	1623	1626	1637	rVB5	108445	198442	36.68%	2.019%
90	11.745	1637	1642	1648	rBV5	55045	116509	21.53%	1.186%
91	11.916	1669	1671	1674	rBV	66388	70885	13.10%	0.721%
92	11.945	1674	1676	1680	rVB	90889	83703	15.47%	0.852%
93	12.027	1687	1690	1692	rVV2	61120	58046	10.73%	0.591%
94	12.051	1692	1694	1697	rVB2	41419	36596	6.76%	0.372%
95	12.392	1749	1752	1755	rBV2	52578	51932	9.60%	0.528%
96	12.474	1762	1766	1768	rBV	69622	72046	13.32%	0.733%
97	12.504	1768	1771	1773	rVV2	29625	30678	5.67%	0.312%
98	12.874	1829	1834	1837	rVB2	30467	44985	8.31%	0.458%
99	12.910	1837	1840	1844	rVB	42645	50541	9.34%	0.514%
100	12.992	1851	1854	1857	rVB	135873	129902	24.01%	1.322%

Sum of corrected areas: 9827360

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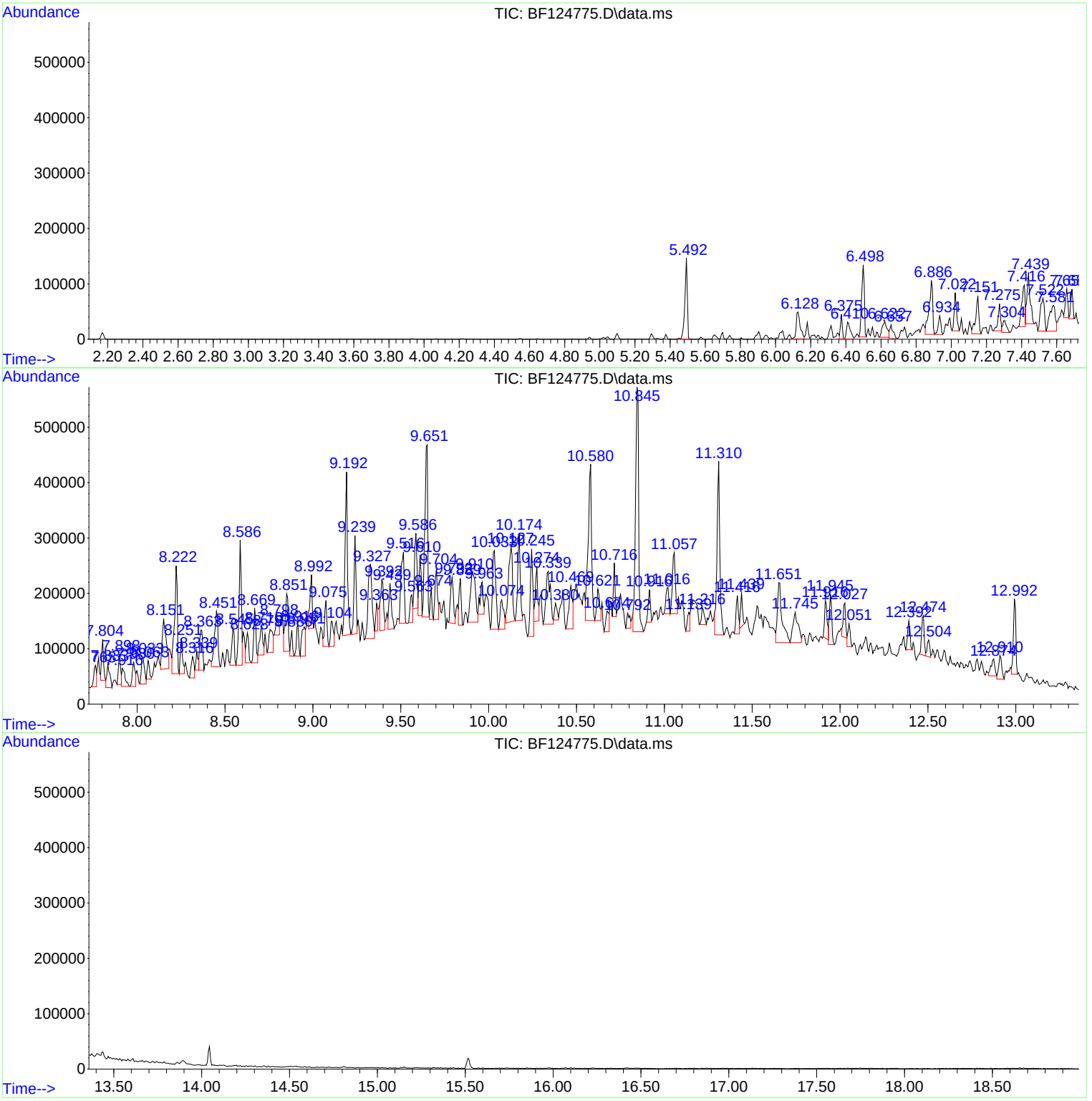
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
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Sample : M3158-01
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Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

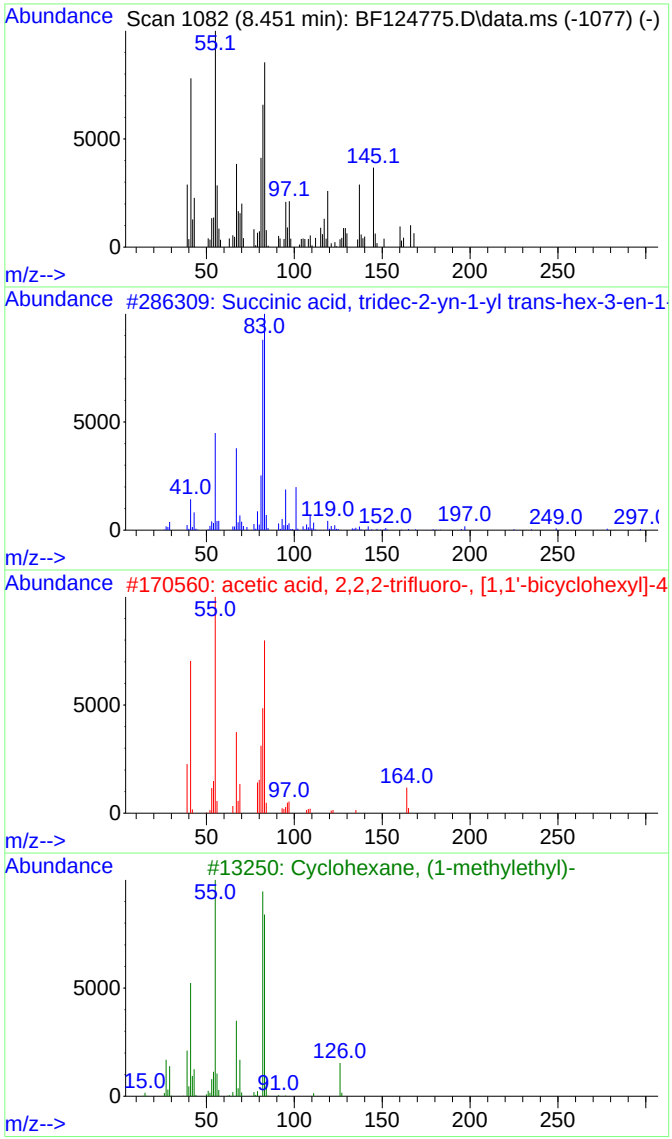
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

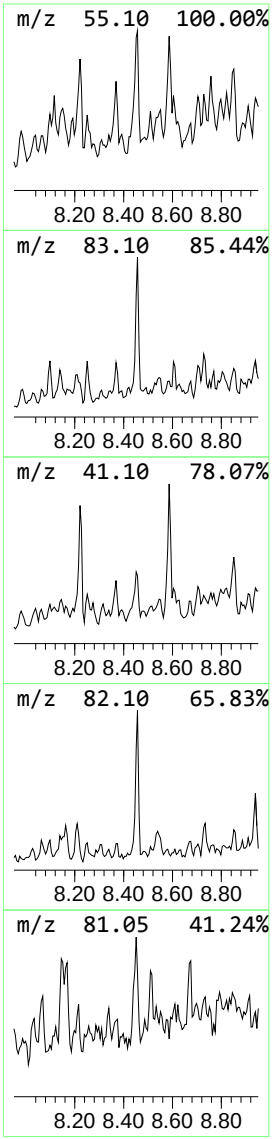
****

Peak Number 1 unknown8.451 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	17.69 ng	138190	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, tridec-2-yn-1-yl ...	378	C23H38O4	1000391-12-6	47
2	acetic acid, 2,2,2-trifluoro-, [...	278	C14H21F3O2	1000397-13-2	47
3	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
4	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
5	1,1'-Bicyclohexyl, 2-(2-methylpr...	222	C16H30	055012-77-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

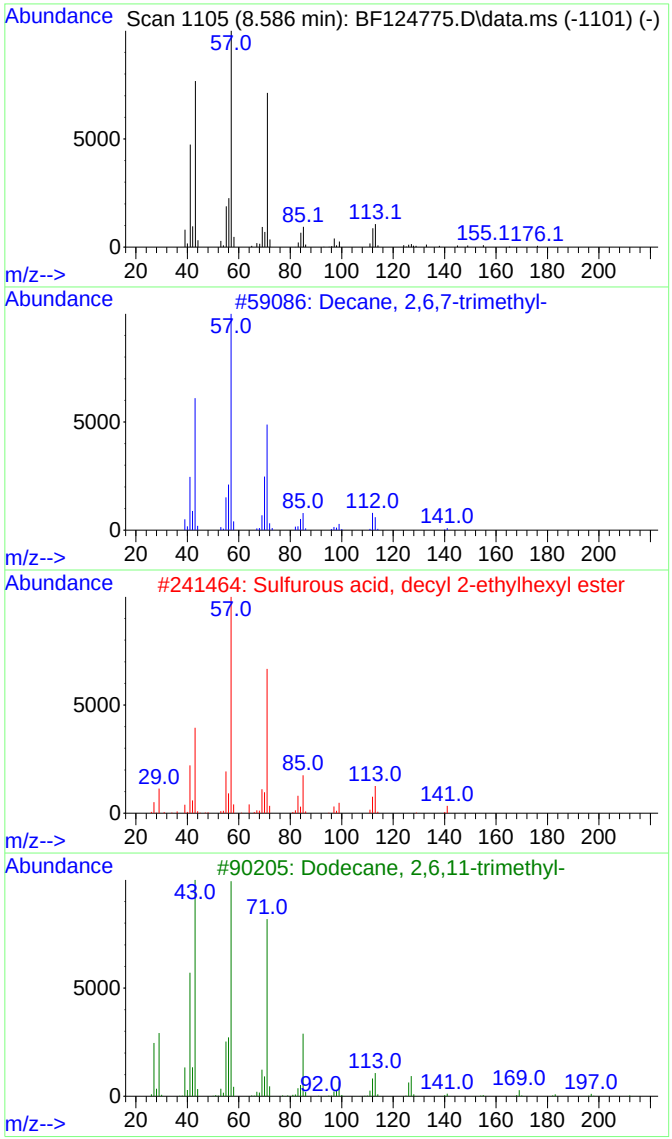
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

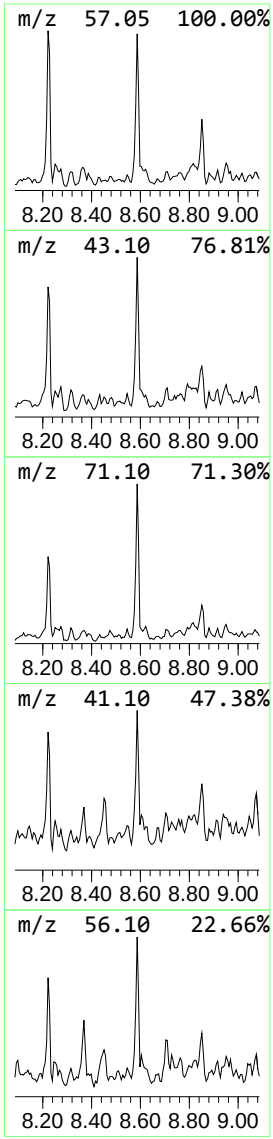
****

Peak Number 2 Decane, 2,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.586	27.03 ng	211208	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	72
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
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Acq On : 26 Jul 2021 20:56
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Sample : M3158-01
Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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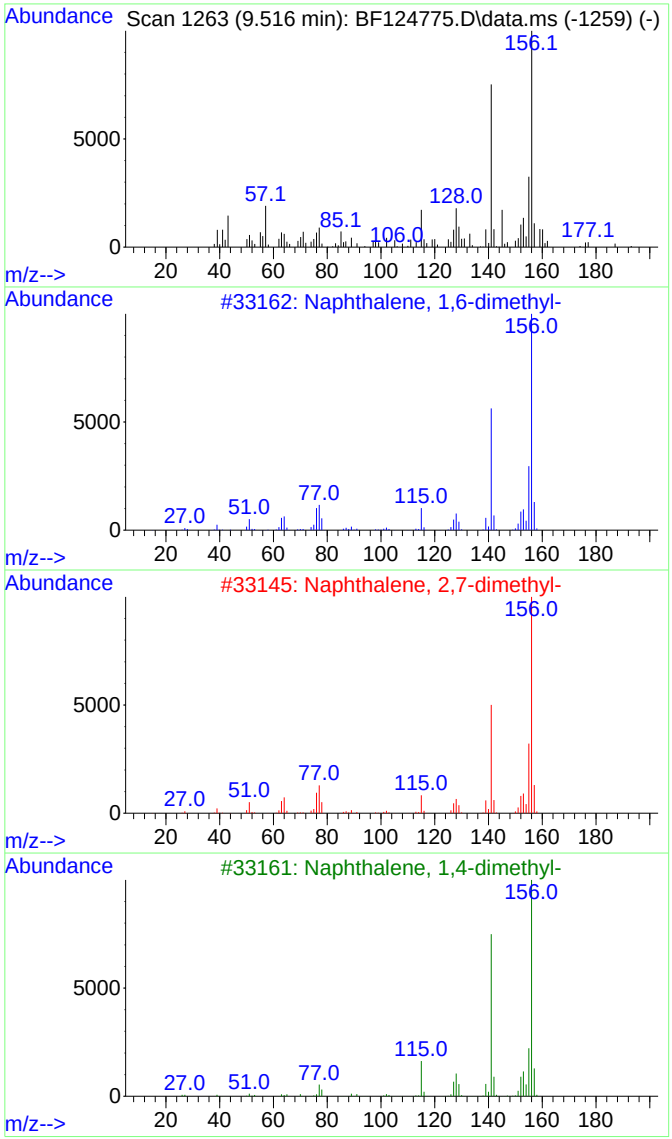
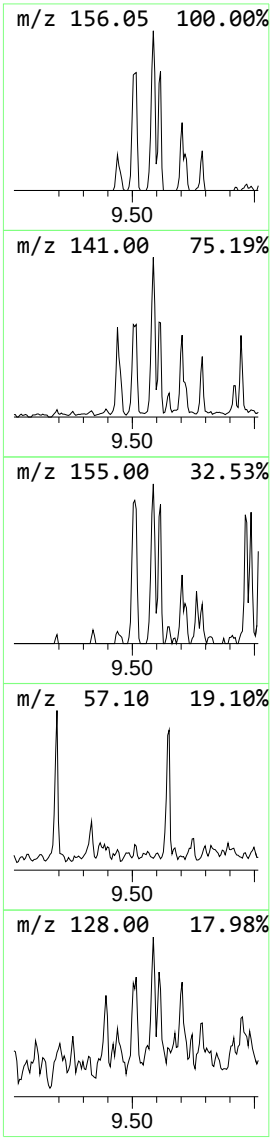
Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	18.06 ng	164511	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94





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Data File : BF124775.D
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Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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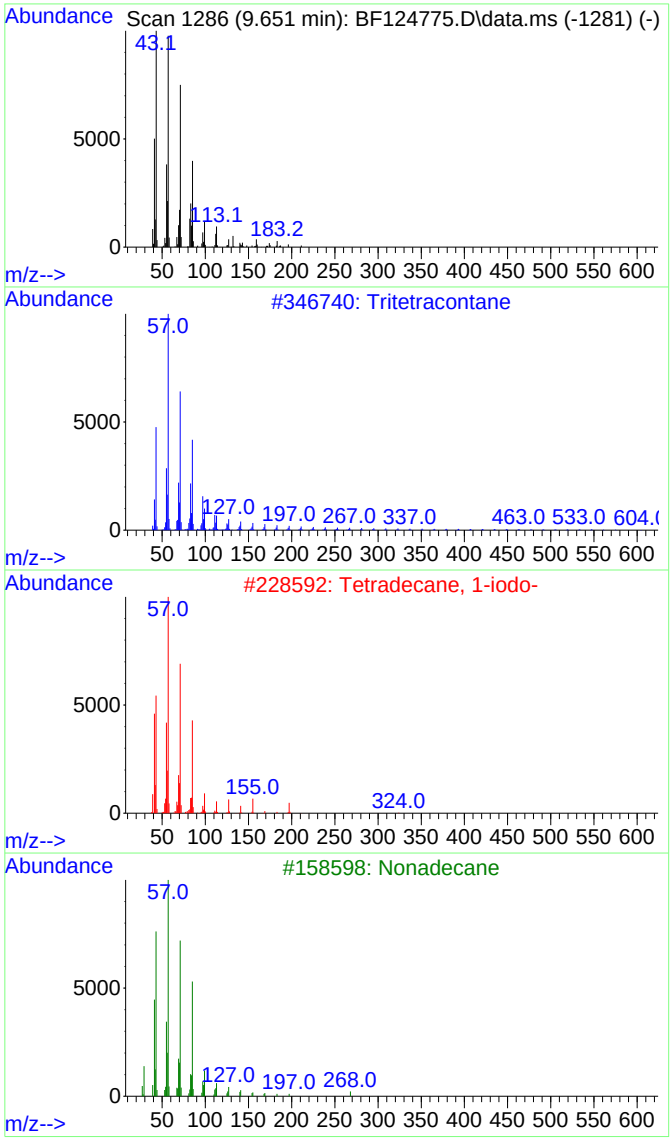
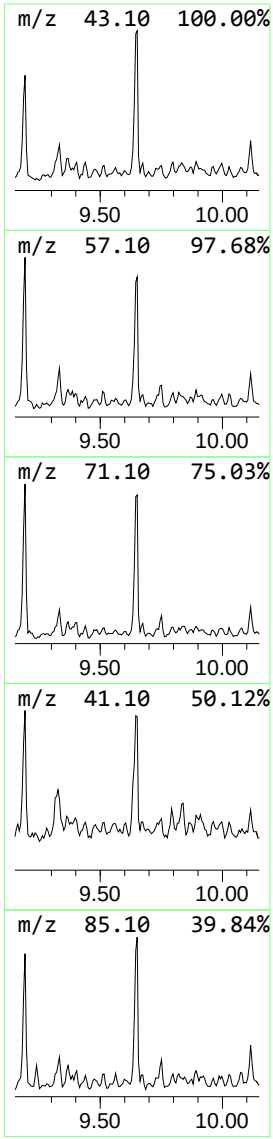
Peak Number 4 Tritetracontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	38.21 ng	348069	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	90
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
3	Nonadecane	268	C19H40	000629-92-5	86
4	Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	86
5	Tridecane	184	C13H28	000629-50-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

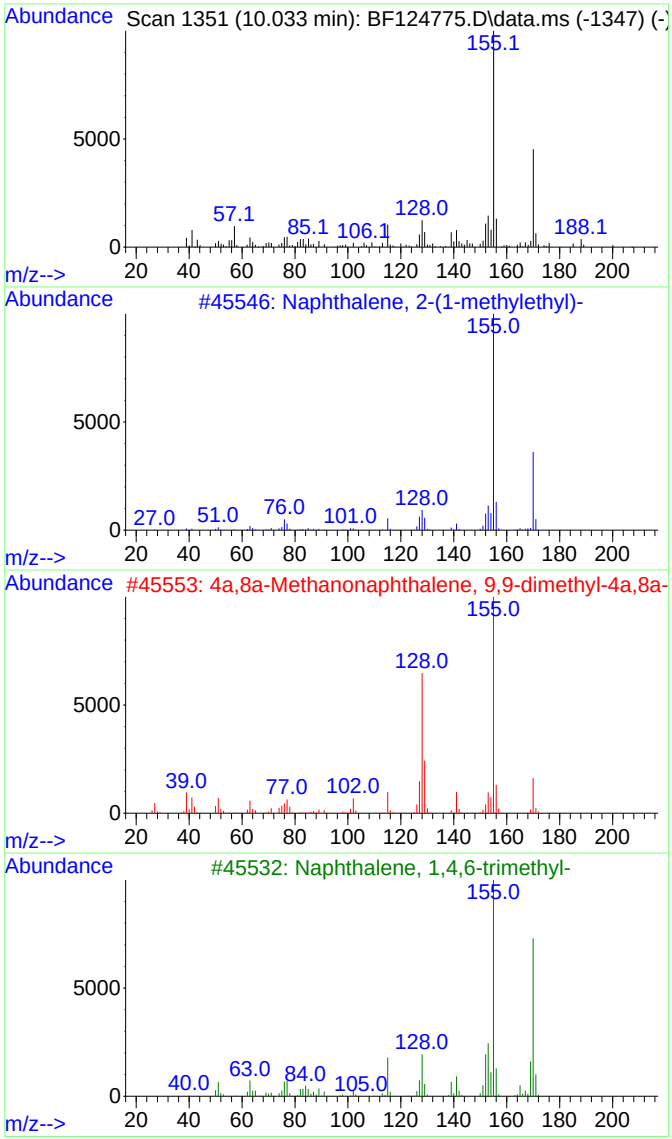
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

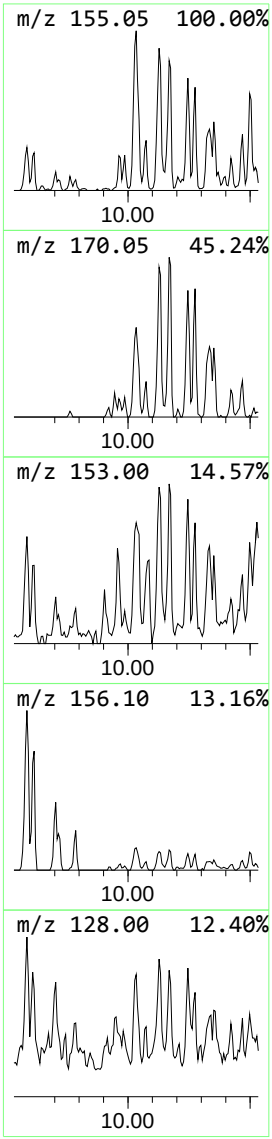
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-(1-methyleth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.033	20.37 ng	185569	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2	4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	87
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72





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Operator : JU/CG
Sample : M3158-01
Misc :
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Instrument : BNA_F
ClientSampleId : WASTE

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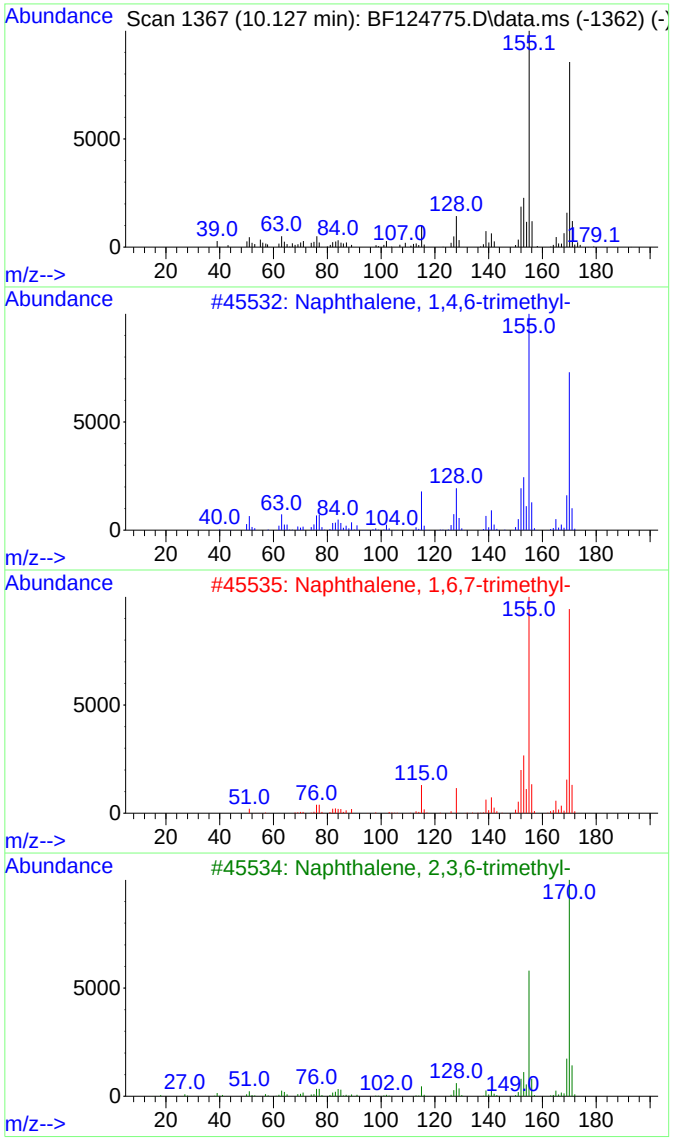
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

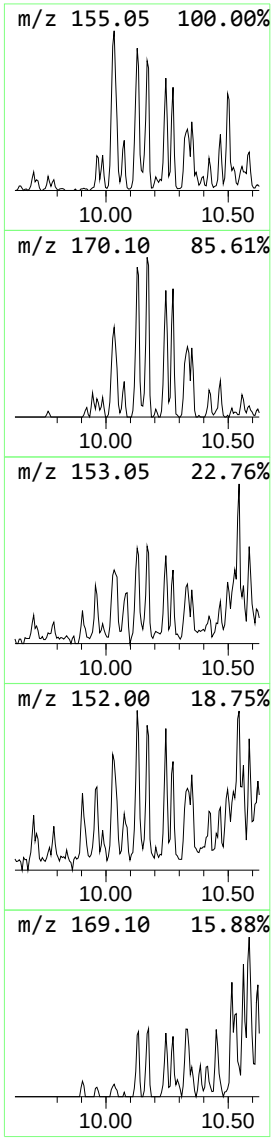
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.127	23.08 ng	210246	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	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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Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

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BNA_F
ClientSampleId :
WASTE

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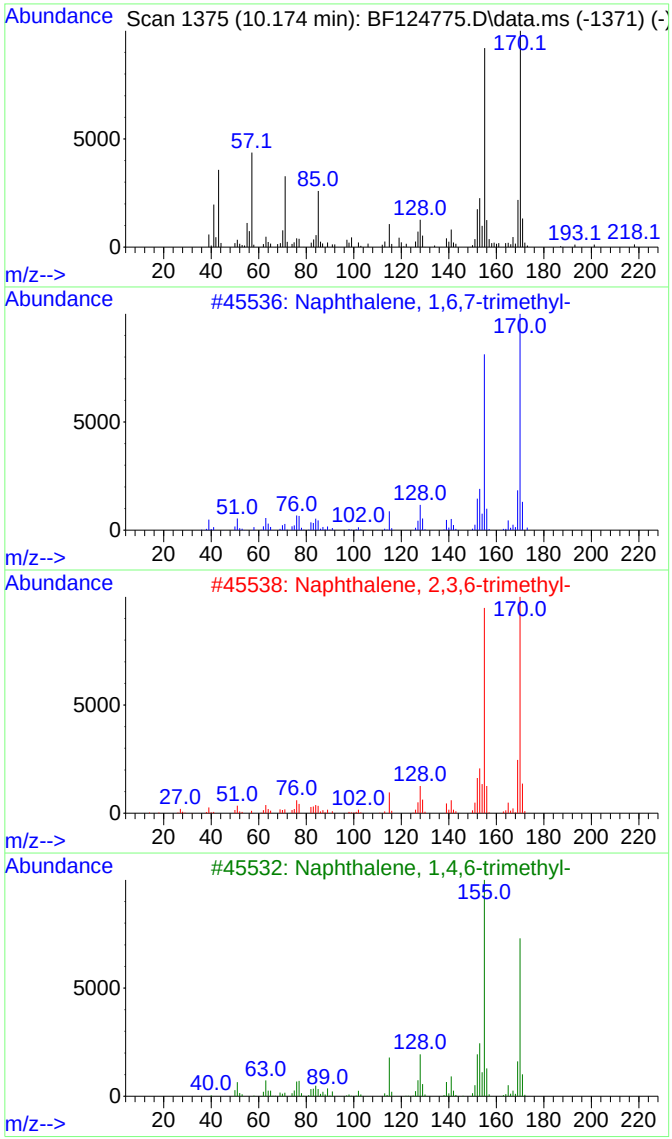
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

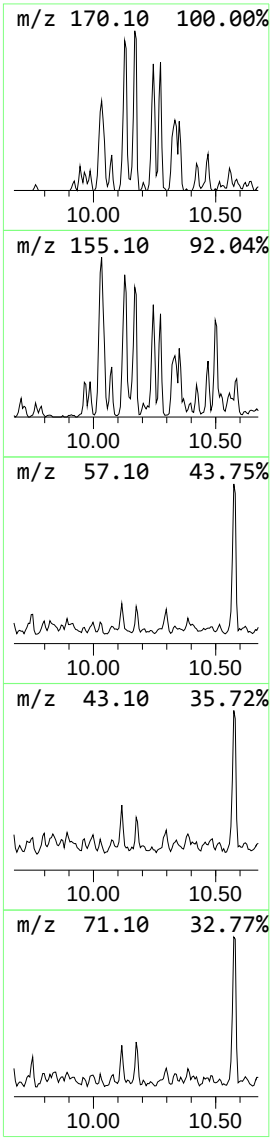
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	17.34 ng	157946	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

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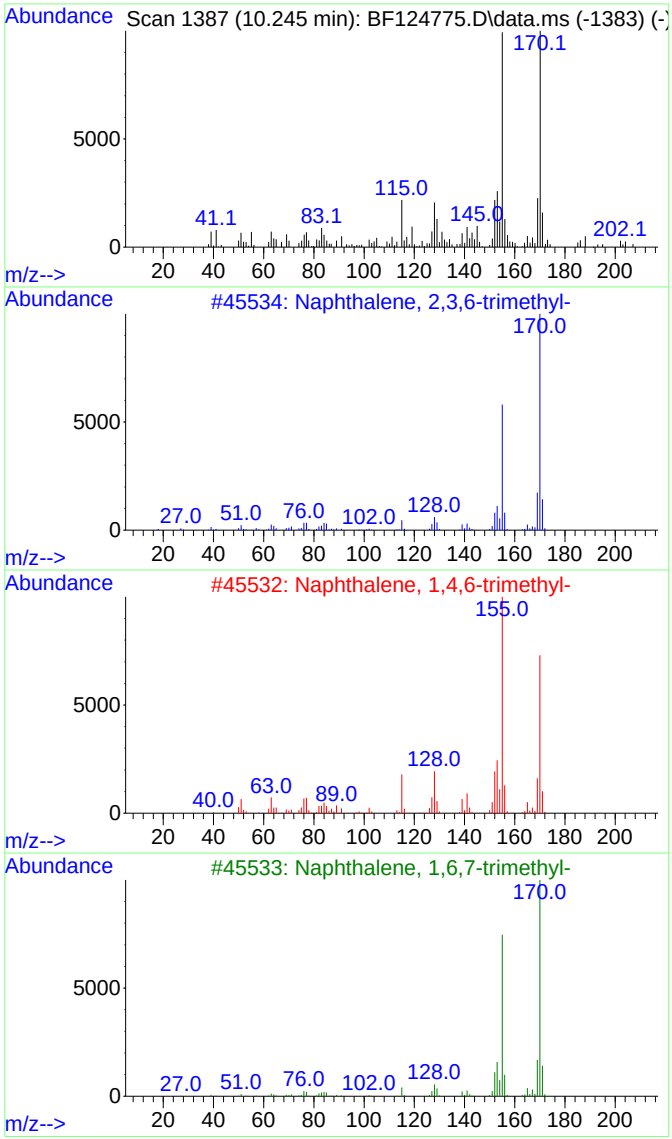
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

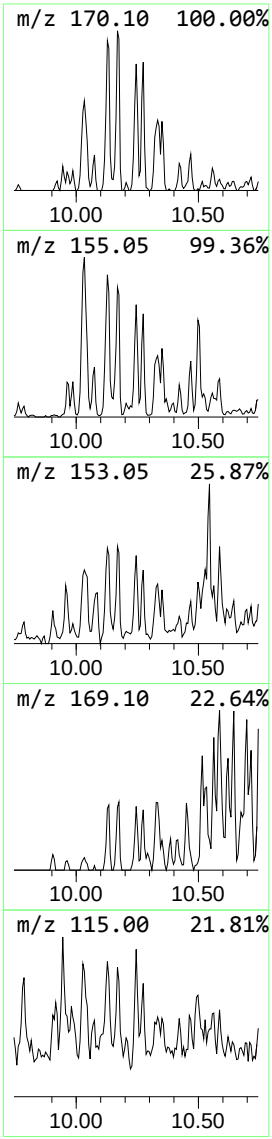
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	17.78 ng	161964	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	96





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ALS Vial : 13 Sample Multiplier: 1

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

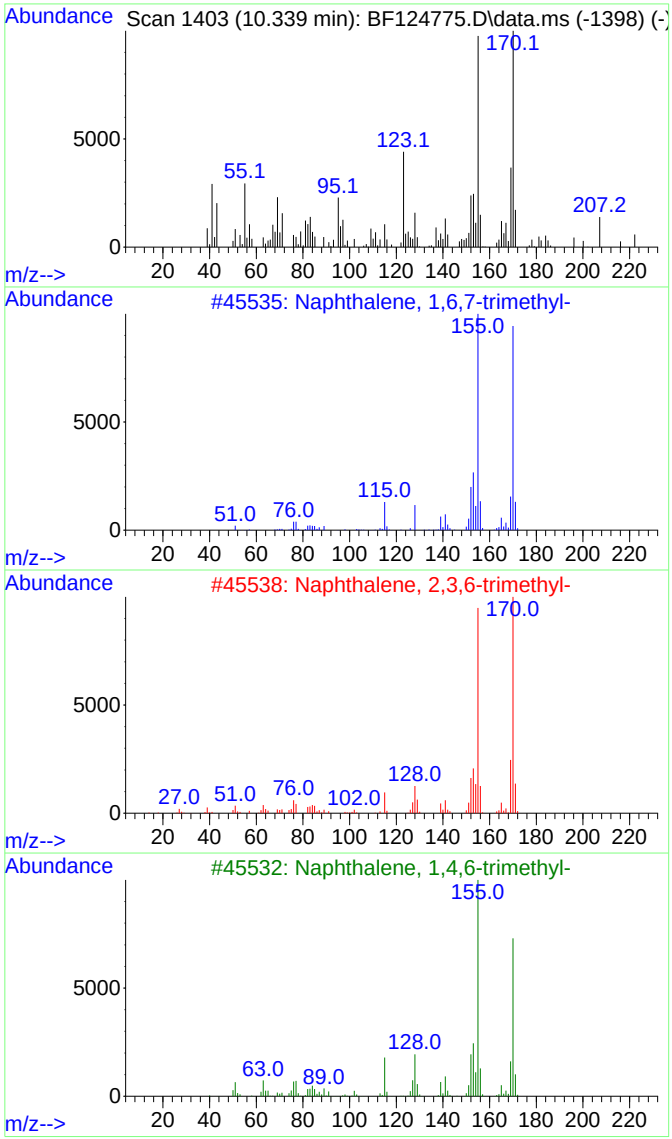
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

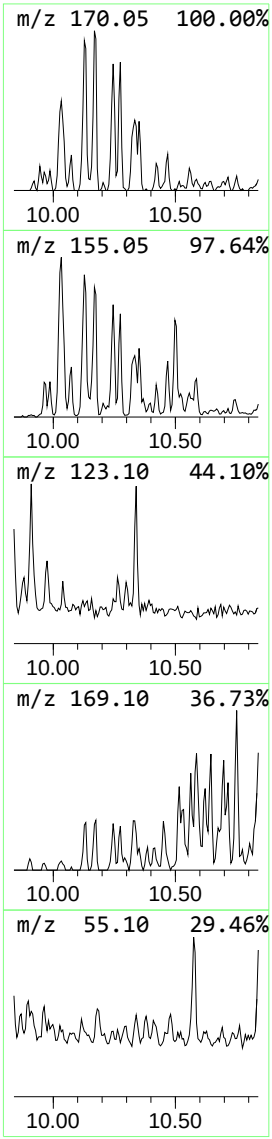
****

Peak Number 9 Naphthalene, 1,4,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	18.67 ng	170097	Acenaphthene-d10	9.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	62





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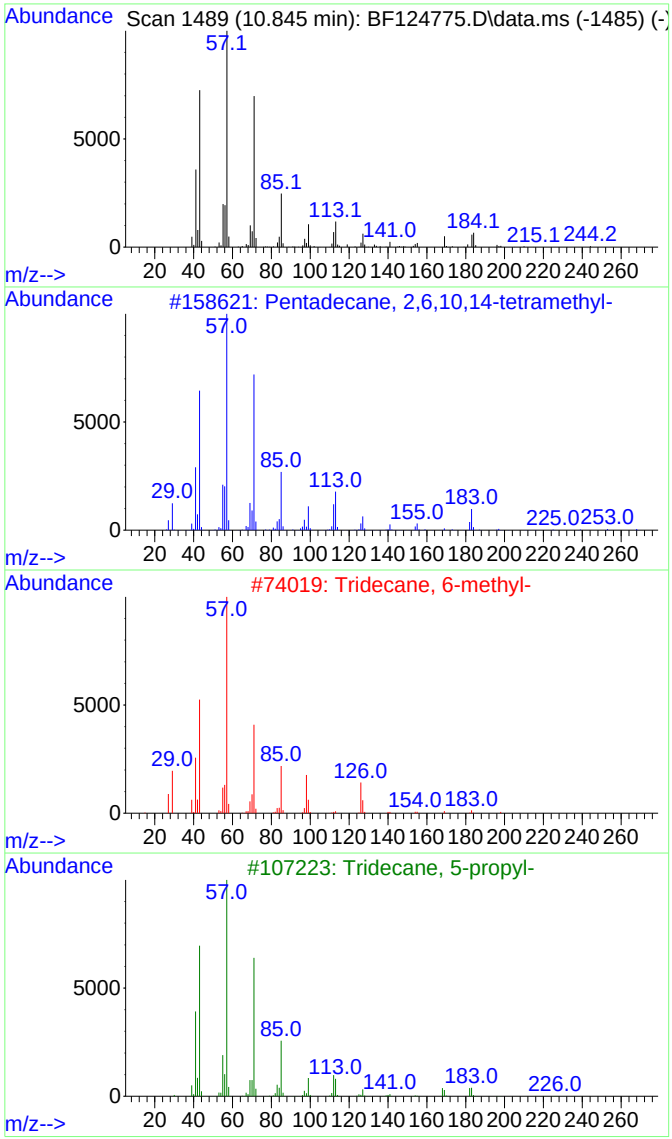
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

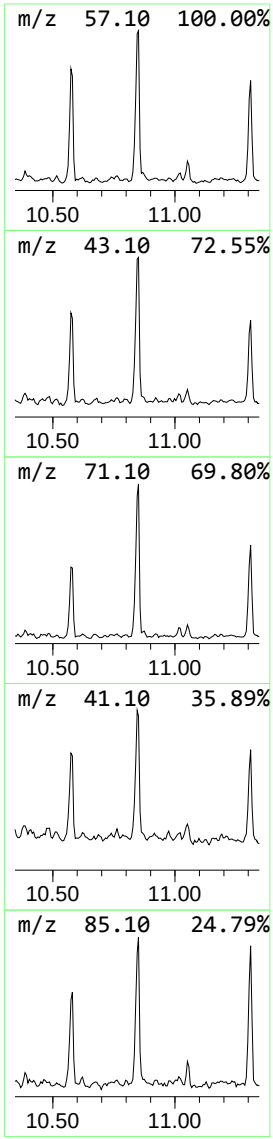
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	158.59 ng	541074	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Tridecane, 4-methyl-	198	C14H30	026730-12-1	74
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

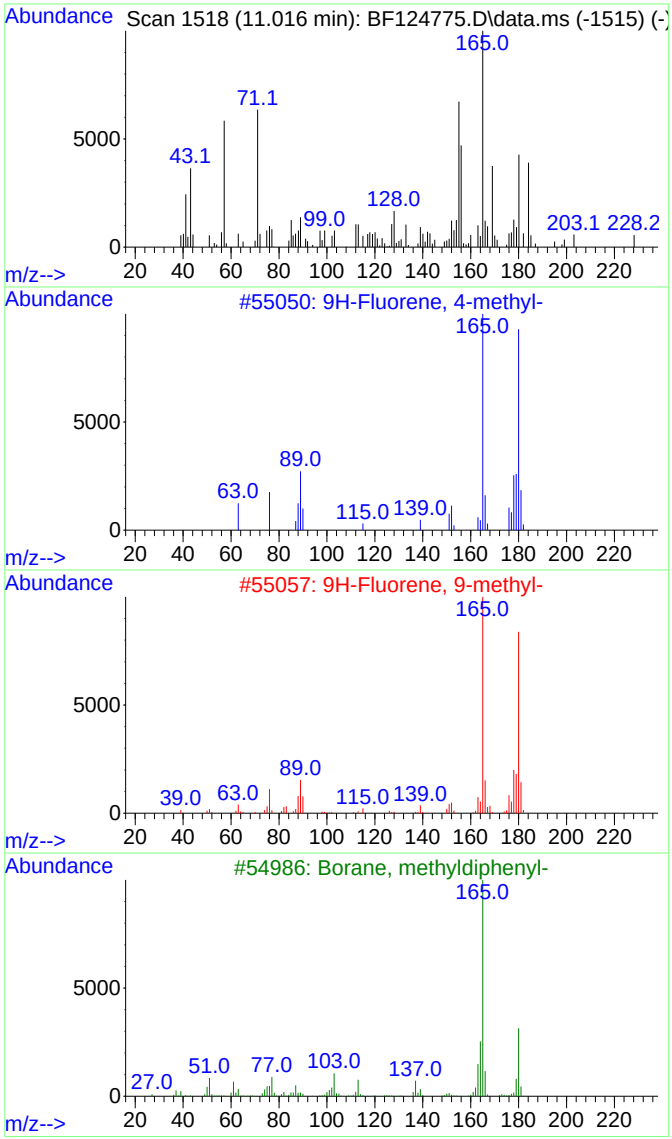
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

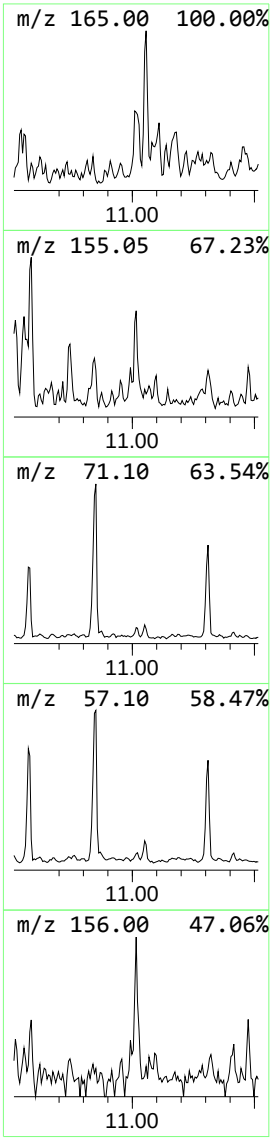
****

Peak Number 11 unknown11.016 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	15.91 ng	54268	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	42
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	38
3	Borane, methyldiphenyl-	180	C13H13B	059073-99-3	30
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	30
5	Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	25





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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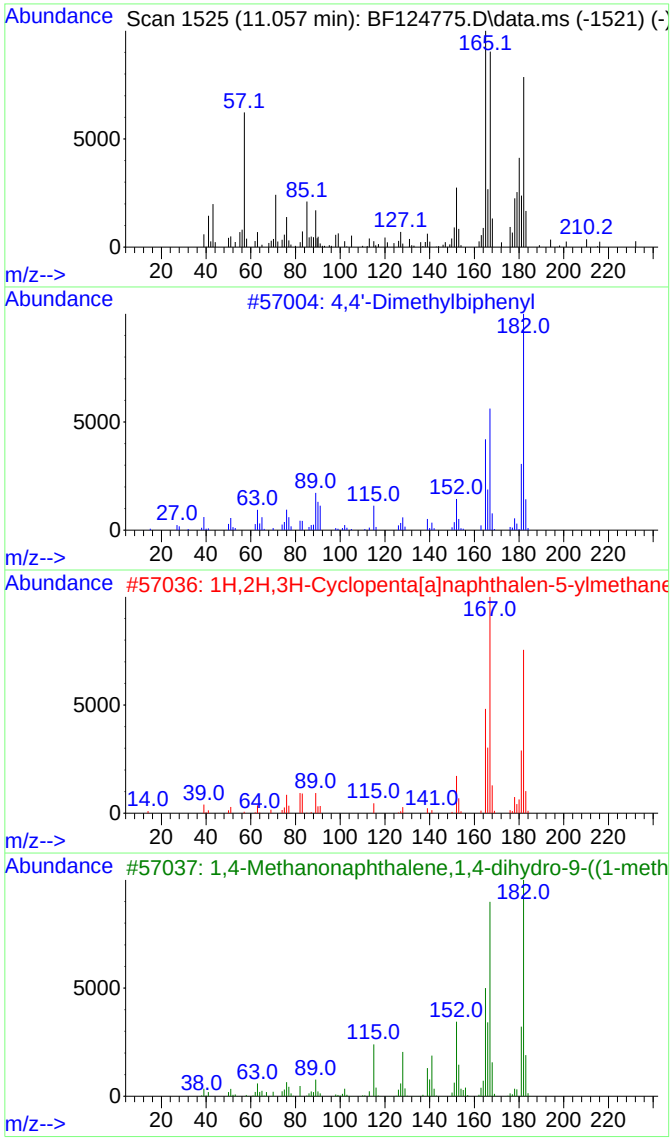
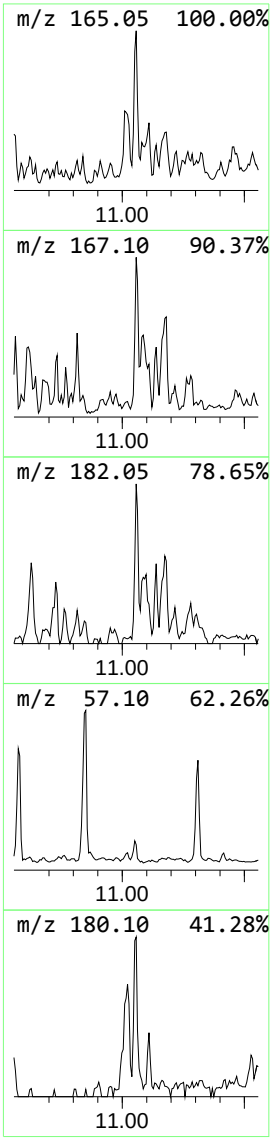
Peak Number 12 4,4'-Dimethylbiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	38.82 ng	132462	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	83
2	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	64
3	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	60
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	56
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	55





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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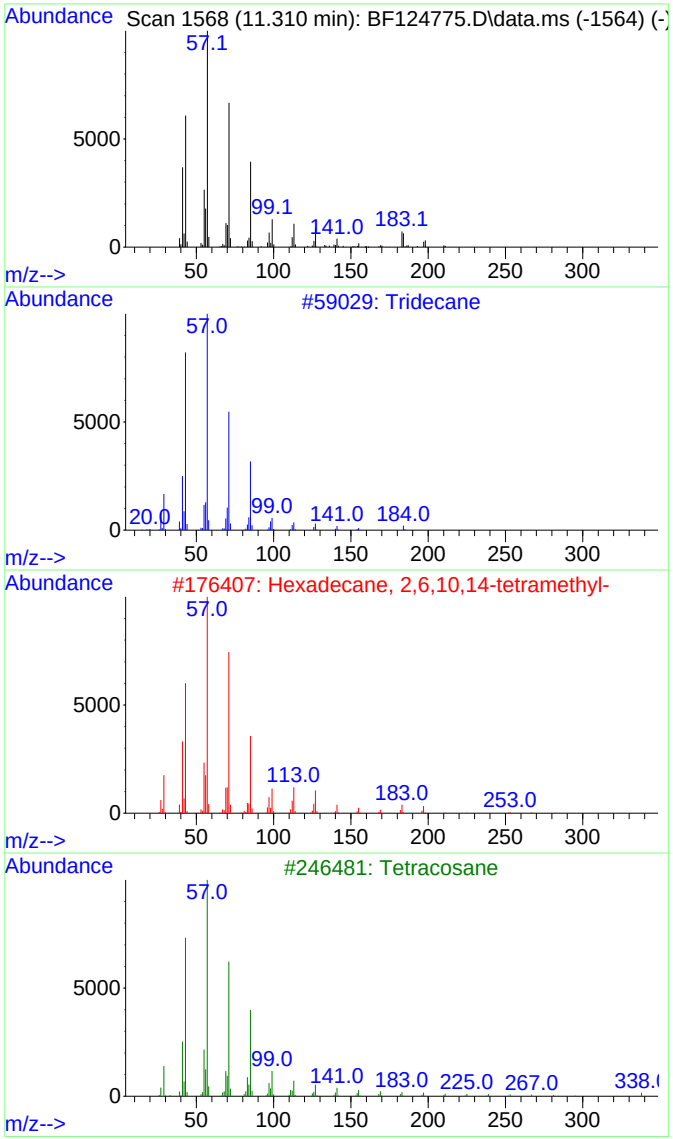
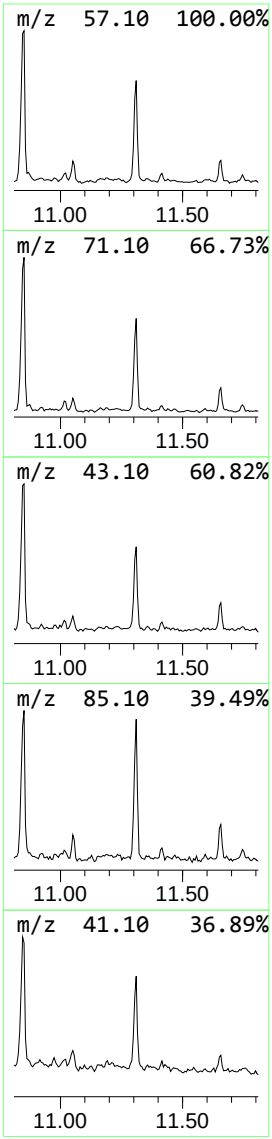
Peak Number 13 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	101.84 ng	347452	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86





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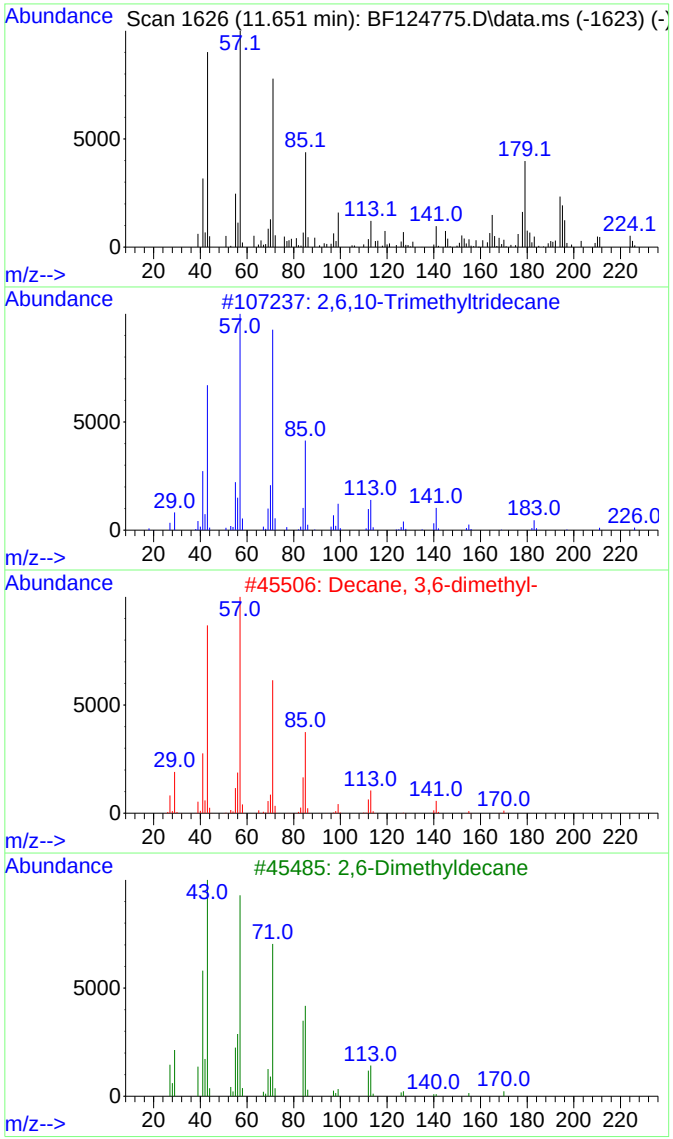
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

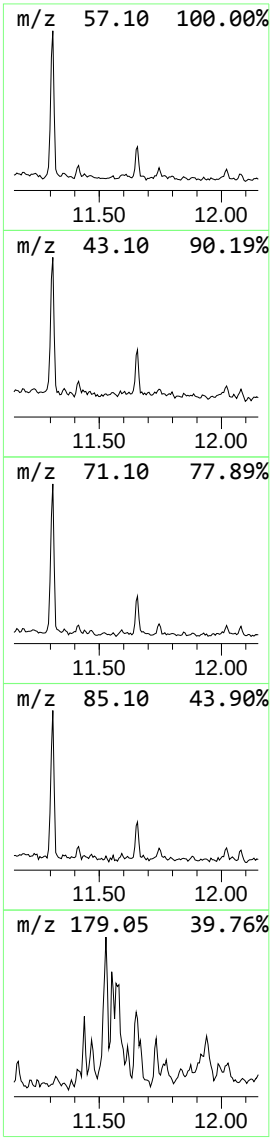
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 2,6,10-Trimethyltridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.651	58.16 ng	198442	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	55
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	50
3	2,6-Dimethyldecane	170	C12H26	013150-81-7	43
4	Docosane	310	C22H46	000629-97-0	43
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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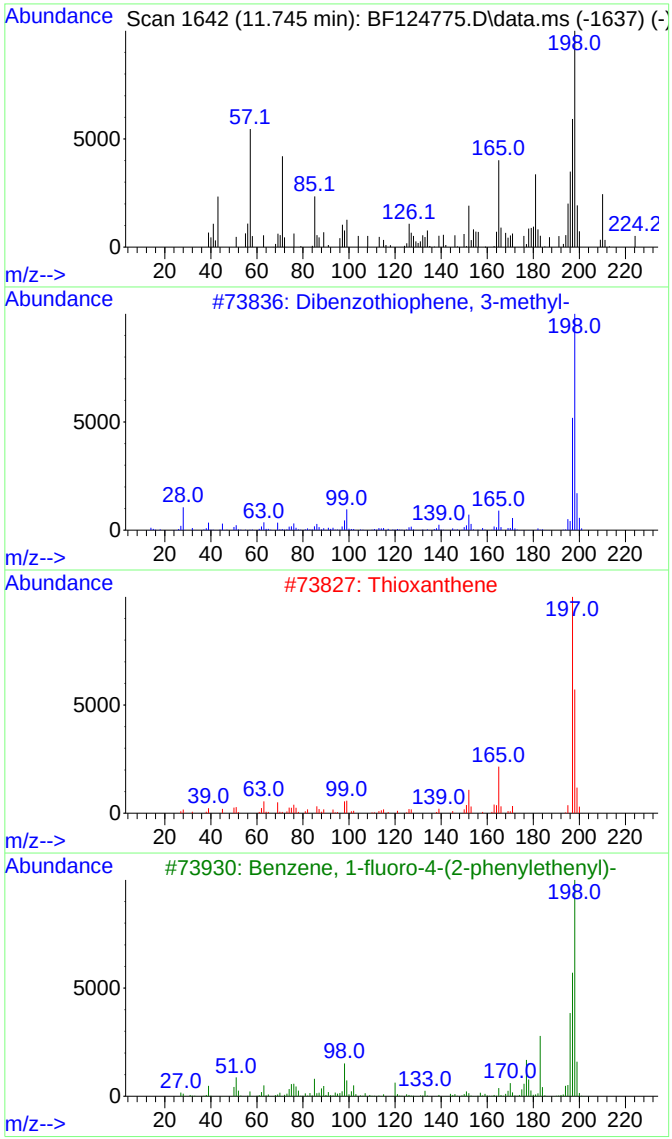
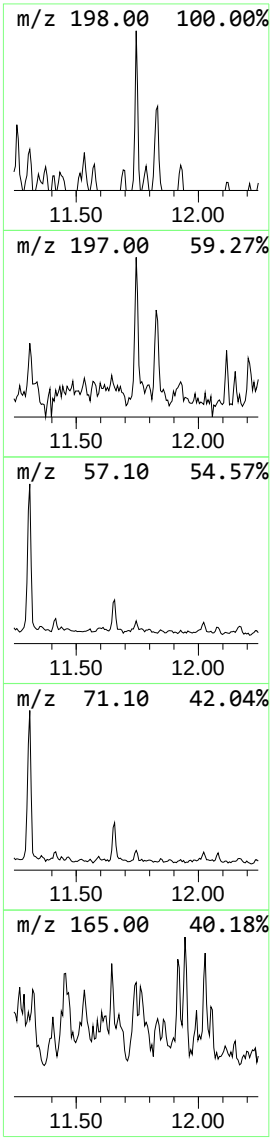
Peak Number 15 Dibenzothiophene, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.745	34.15 ng	116509	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
2	Thioxanthene	198	C13H10S	000261-31-4	55
3	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	50
4	Benzene, 1-methoxy-4-(phenylmeth...	198	C14H14O	000834-14-0	46
5	Benzene, 1-fluoro-3-(2-phenyleth...	198	C14H11F	003041-81-4	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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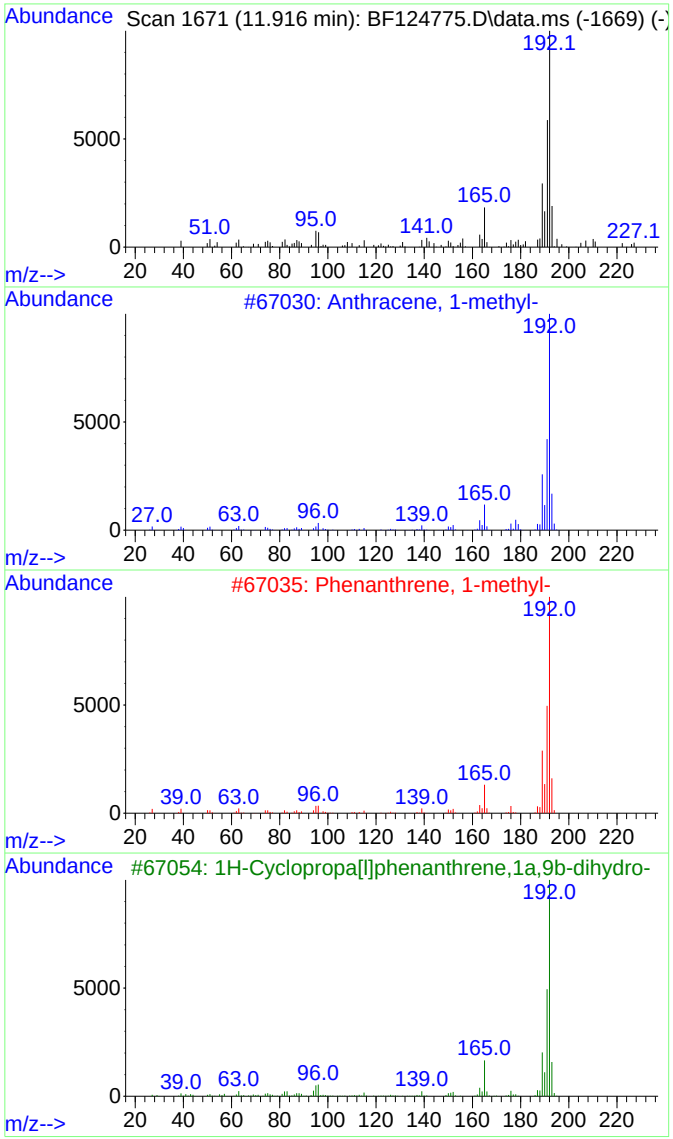
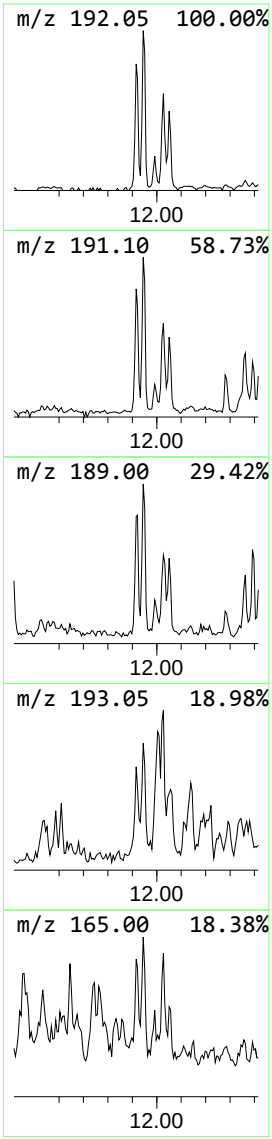
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	20.78 ng	70885	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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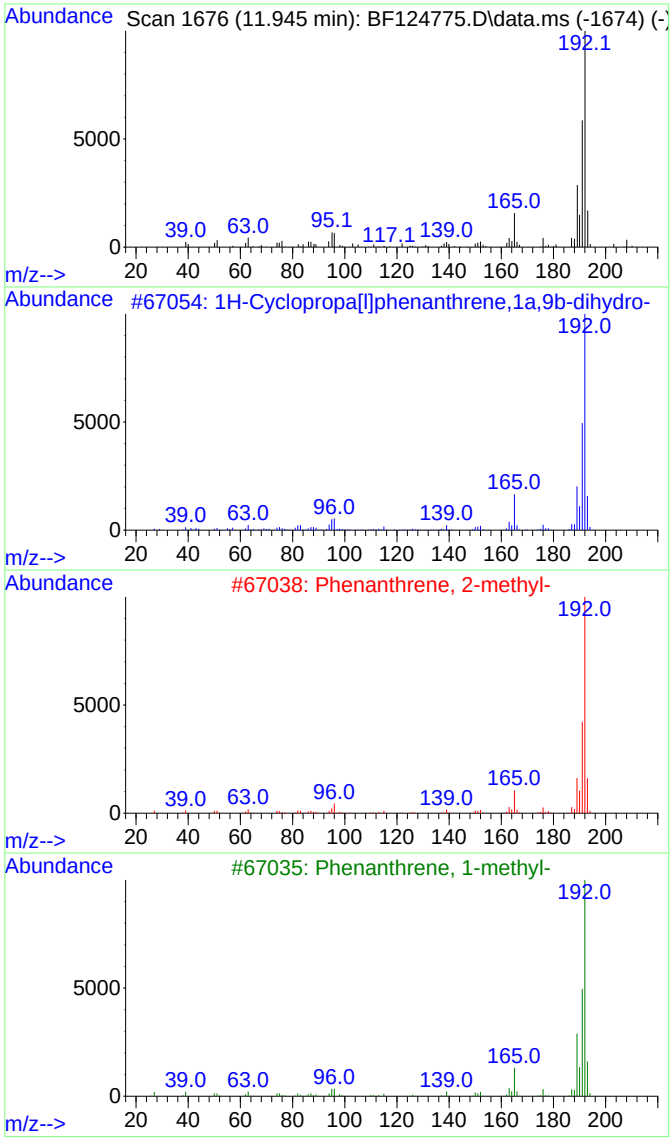
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

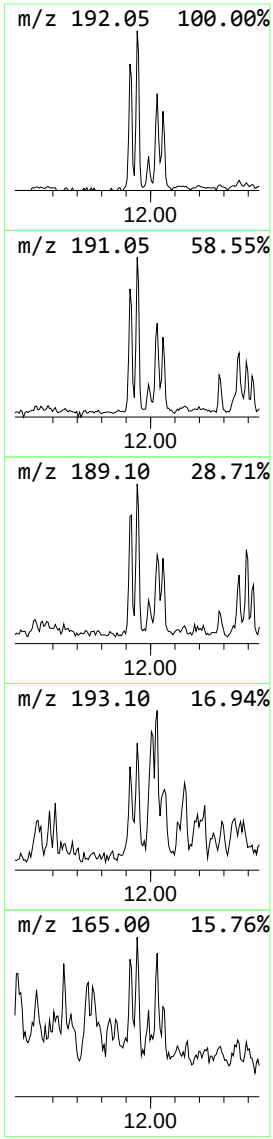
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	24.53 ng	83703	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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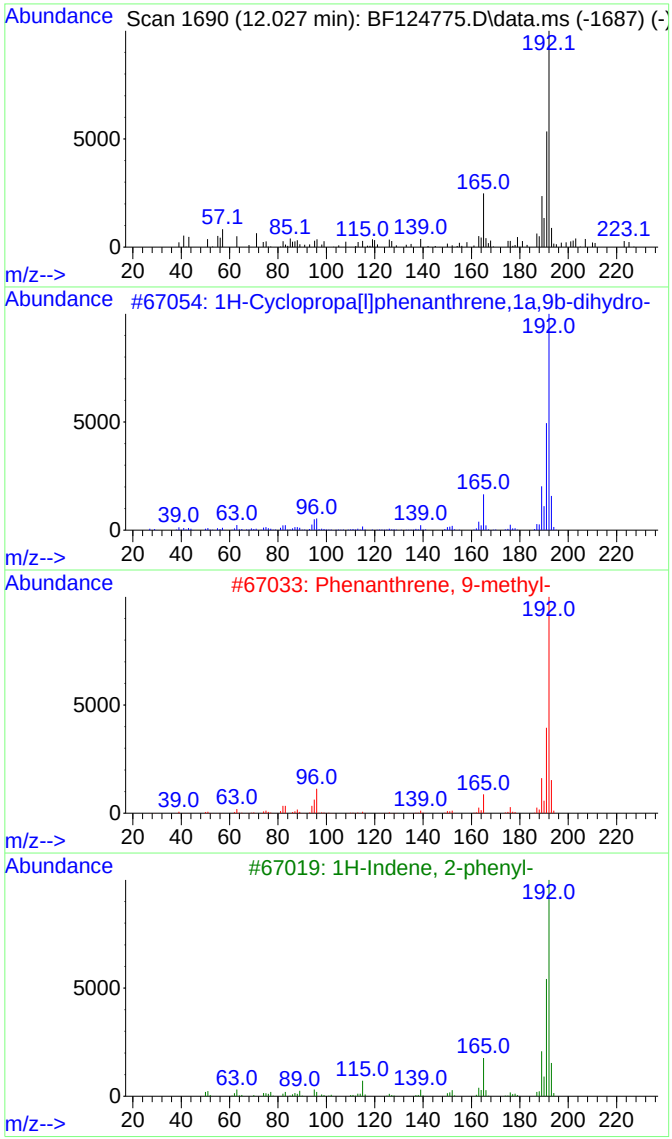
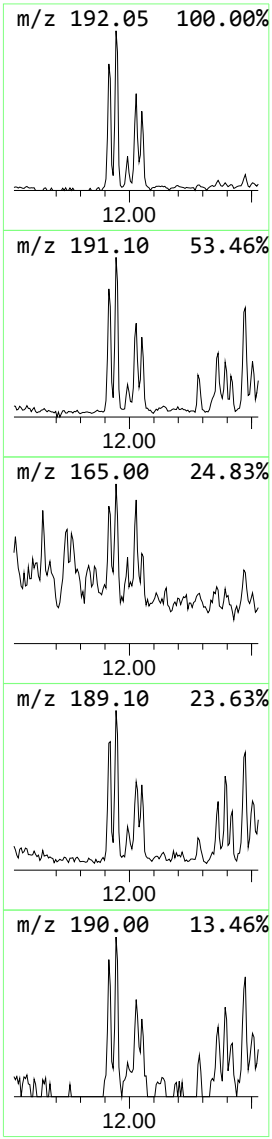
Peak Number 18 Phenanthrene, 9-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	17.01 ng	58046	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	81
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	81
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	81
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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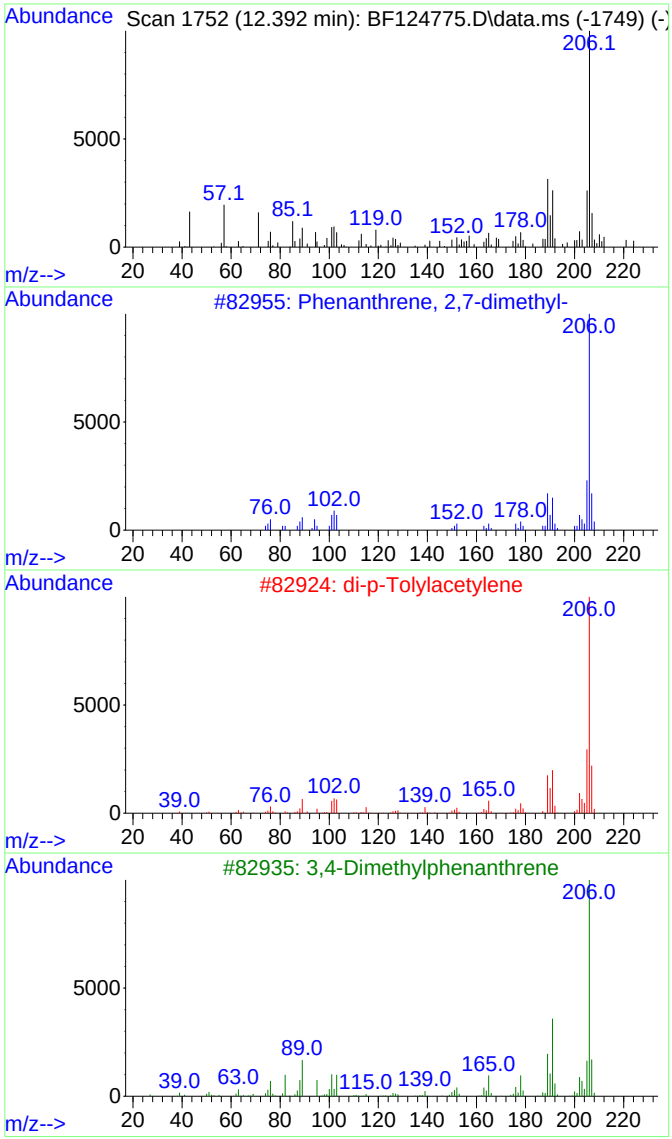
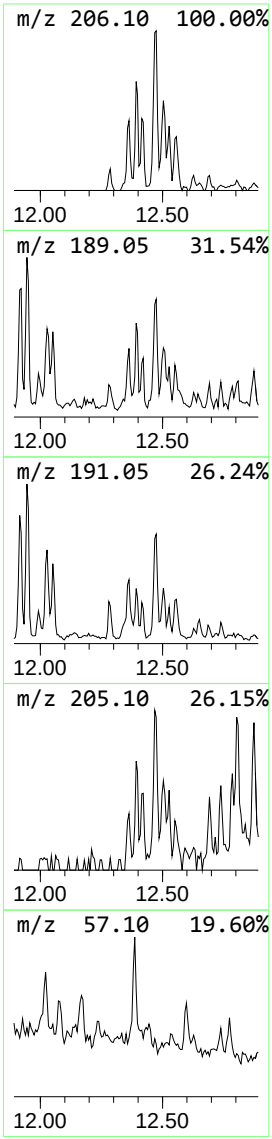
Peak Number 19 Phenanthrene, 2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.392	15.22 ng	51932	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	81
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	81
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

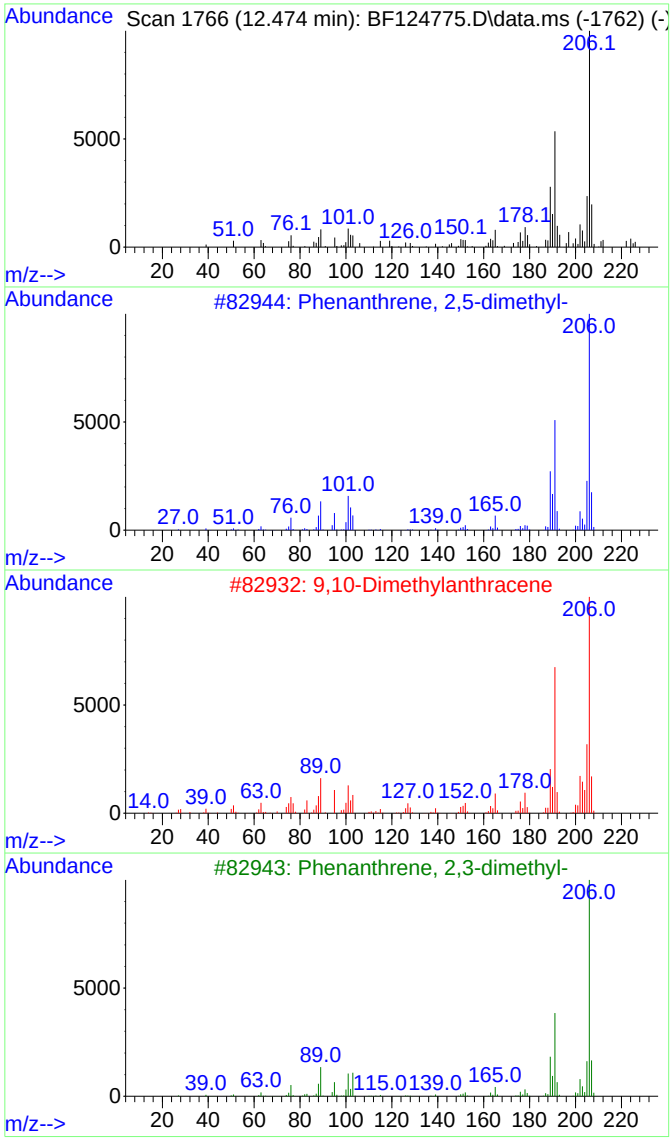
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

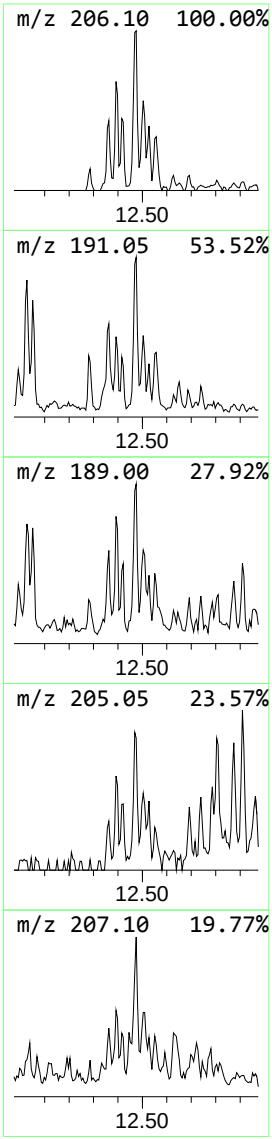
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	21.12 ng	72046	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072621\
Data File : BF124775.D
Acq On : 26 Jul 2021 20:56
Operator : JU/CG
Sample : M3158-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WASTE

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown8.451	8.451	17.7	ng	138190	2	8.163	156266	20.0
Decane, 2,6,7-t...	8.586	27.0	ng	211208	2	8.163	156266	20.0
Naphthalene, 1,...	9.516	18.1	ng	164511	3	9.927	182175	20.0
Tritetracontane	9.651	38.2	ng	348069	3	9.927	182175	20.0
Naphthalene, 2-...	10.033	20.4	ng	185569	3	9.927	182175	20.0
Naphthalene, 1,...	10.127	23.1	ng	210246	3	9.927	182175	20.0
Naphthalene, 1,...	10.175	17.3	ng	157946	3	9.927	182175	20.0
Naphthalene, 2,...	10.245	17.8	ng	161964	3	9.927	182175	20.0
Naphthalene, 1,...	10.339	18.7	ng	170097	3	9.927	182175	20.0
Pentadecane, 2,...	10.845	158.6	ng	541074	4	11.416	68237	20.0
unknown11.016	11.016	15.9	ng	54268	4	11.416	68237	20.0
4,4'-Dimethylbi...	11.057	38.8	ng	132462	4	11.416	68237	20.0
Tridecane	11.310	101.8	ng	347452	4	11.416	68237	20.0
2,6,10-Trimethy...	11.651	58.2	ng	198442	4	11.416	68237	20.0
Dibenzothiophen...	11.745	34.1	ng	116509	4	11.416	68237	20.0
Anthracene, 1-m...	11.916	20.8	ng	70885	4	11.416	68237	20.0
1H-Cyclopropa[l...	11.945	24.5	ng	83703	4	11.416	68237	20.0
Phenanthrene, 9...	12.027	17.0	ng	58046	4	11.416	68237	20.0
Phenanthrene, 2...	12.392	15.2	ng	51932	4	11.416	68237	20.0
Phenanthrene, 2...	12.474	21.1	ng	72046	4	11.416	68237	20.0