LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	20	25	31	rVB	539477	698319	5.24%	0.256%
2	5.557	585	590	593	rVB	2270737	2308017	17.31%	0.846%
3	6.192	693	698	704	rBV3	1272267	2162225	16.22%	0.793%
4	6.245	704	707	710	rVB	831418	753986	5.66%	0.277%
5	6.381	725	730	733	rBV3	823638	1231955	9.24%	0.452%
6	6.481	743	747	753	rBV4	1092332	2106997	15.81%	0.773%
7	6.563	753	761	764	rBV	1947828	2377474	17.84%	0.872%
8	6.687	777	782	787	rBV4	1029597	1927443	14.46%	0.707%
9	6.728	787	789	794	rVB3	922137	1141616	8.56%	0.419%
10	6.781	794	798	800	rBV3	799029	1175290	8.82%	0.431%
11	6.869	809	813	816	rBV4	445551	813161	6.10%	0.298%
12	6.910	816	820	822	rBV5	667200	843548	6.33%	0.309%
13	6.945	822	826	830	rVB3	1145608	2064384	15.49%	0.757%
14	7.004	830	836	839	rBV3	735447	953737	7.15%	0.350%
15	7.057	839	845	848	rBV3	1127778	2117333	15.88%	0.776%
16	7.092	848	851	855	rBV	2379204	2468625	18.52%	0.905%
17	7.128	855	857	859	rVB	992857	764095	5.73%	0.280%
18	7.175	863	865	867	rBV	1060510	931309	6.99%	0.342%
19	7.222	870	873	876	rVB2	1750011	1978423	14.84%	0.726%
20	7.269	876	881	882	rBV3	658132	922340	6.92%	0.338%
21	7.292	882	885	888	rVB3	805574	909554	6.82%	0.334%
22	7.351	888	895	897	rBV3	2142359	2892695	21.70%	1.061%
23	7.375	897	899	904	rVB5	967354	1254836	9.41%	0.460%
24	7.428	905	908	911	rBV2	533488	756836	5.68%	0.278%
25	7.486	912	918	921	rBV3	3815921	5604354	42.04%	2.055%
26	7.528	921	925	927	rBV3	1227900	1571070	11.79%	0.576%
27	7.598	932	937	940	rVB4	2736039	4630386	34.74%	1.698%
28	7.651	940	946	951	rBV6	1373500	3465492	26.00%	1.271%
29	7.728	956	959	962	rVV3	1240391	1268217	9.51%	0.465%
30	7.769	962	966	968	rVB3	1881841	2056832	15.43%	0.754%
31	7.839	974	978	979	rBV2	2038822	2191644	16.44%	0.804%
32	7.857	979	981	983	rVV	2141020	2025588	15.20%	0.743%
33	7.886	983	986	989	rVB3	2504062	2874268	21.56%	1.054%
34	7.951	994	997	999	rBV3	721859	815513	6.12%	0.299%
35	7.981	999	1002	1008	rVB4	2956454	3770279	28.28%	1.383%
36	8.057	1012	1015	1021	rVB5	1586931	2248031	16.86%	0.824%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.110	1021	1024	1028	rBV2	1939208	2775976	20.83%	1.018%
38	8.198	1034	1039	1041	rBV3	1701068	3026727	22.71%	1.110%
39	8.228	1041	1044	1048	rBV4	2587458	3751606	28.14%	1.376%
40	8.298	1053	1056	1060	rVB3	2924191	4326981	32.46%	1.587%
41	8.333	1060	1062	1067	rVB4	1945292	1939984	14.55%	0.711%
42	8.398	1070	1073	1075	rBV3	1300900	1440768	10.81%	0.528%
43	8.445	1079	1081	1086	rVB2	1929929	2425450	18.20%	0.889%
44	8.539	1092	1097	1101	rVB5	3146902	4557951	34.19%	1.672%
45	8.598	1104	1107	1109	rBV4	1008969	1026508	7.70%	0.376%
46	8.633	1110	1113	1115	rVB	1883475	1845058	13.84%	0.677%
47	8.681	1116	1121	1125	rBV	6620708	10030897	75.25%	3.679%
48	8.763	1131	1135	1137	rBV2	3034661	3453529	25.91%	1.266%
49	8.845	1146	1149	1153	rBV3	3063953	2848764	21.37%	1.045%
50	8.975	1168	1171	1173	rVB	2523350	2224775	16.69%	0.816%
51	9.004	1173	1176	1178	rVB3	1436514	1129679	8.47%	0.414%
52	9.033	1178	1181	1183	rBV4	1743223	2301409	17.27%	0.844%
53	9.075	1186	1188	1191	rVB2	3175771	3641256	27.32%	1.335%
54	9.169	1201	1204	1207	rVB3	2568375	2726837	20.46%	1.000%
55	9.286	1219	1224	1229	rVB3	6602683	8866896	66.52%	3.252%
56	9.328	1229	1231	1233	rVB	1673893	1116702	8.38%	0.410%
57	9.416	1242	1246	1251	rBV3	4426242	6314883	47.37%	2.316%
58	9.457	1251	1253	1255	rBV2	944572	828343	6.21%	0.304%
59	9.533	1264	1266	1270	rVB3	2352724	2445804	18.35%	0.897%
60	9.610	1275	1279	1283	rVV2	4041206	6030656	45.24%	2.212%
61	9.657	1284	1287	1288	rVV2	1665767	2058471	15.44%	0.755%
62	9.686	1288	1292	1294	rVV	4059918	7121088	53.42%	2.611%
63	9.739	1298	1301	1304	rVV3	7018417	8570802	64.30%	3.143%
64	9.798	1308	1311	1313	rVV3	2831638	3490570	26.19%	1.280%
65	9.839	1316	1318	1320	rVB	1639565	1195047	8.97%	0.438%
66	9.886	1323	1326	1329	rVV2	2280162	2356334	17.68%	0.864%
67	9.945	1332	1336	1340	rVB3	2532652	4060752	30.46%	1.489%
68	10.122	1363	1366	1371	rVB2	2804395	4039503	30.30%	1.481%
69	10.169	1371	1374	1377	rBV3	1544386	2344028	17.58%	0.860%
70	10.227	1378	1384	1387	rVV2	3283204	5782130	43.38%	2.120%
71	10.269	1387	1391	1399	rVB4	5058952	7525876	56.46%	2.760%
72	10.339	1399	1403	1405	rBV	3289771	3712268	27.85%	1.361%
73	10.369	1406	1408	1414	rVB2	2657940	3321482	24.92%	1.218%
74	10.445	1414	1421	1424	rBV4	3411617	6462604	48.48%	2.370%
75	10.563	1438	1441	1444	rBV2	1574928	2221675	16.67%	0.815%
76	10.663	1452	1458	1464	rVB3	4519654	8703035	65.29%	3.192%

LSC Area Percent Report

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Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

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-BF102722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.710	1464	1466	1472	rVB5	1407227	2083102	15.63%	0.764%
78	10.780	1476	1478	1480	rVB2	1051395	837059	6.28%	0.307%
79	10.804	1480	1482	1484	rBV	982310	684397	5.13%	0.251%
80	10.945	1498	1506	1511	rVB2	7559908	13329721	100.00%	4.888%
81	11.004	1513	1516	1519	rVV4	1093712	1321349	9.91%	0.485%
82	11.110	1531	1534	1536	rBV3	985514	1104861	8.29%	0.405%
83	11.145	1537	1540	1543	rVB3	1601216	2107891	15.81%	0.773%
84	11.363	1575	1577	1579	rBV2	936773	841321	6.31%	0.309%
85	11.398	1579	1583	1589	rVB	5470586	7612454	57.11%	2.792%
86	11.504	1598	1601	1603	rBV2	1127744	1185411	8.89%	0.435%
87	11.533	1603	1606	1609	rVB	1674662	1737447	13.03%	0.637%
88	11.739	1638	1641	1647	rBV2	2258607	2970261	22.28%	1.089%
89	11.786	1647	1649	1652	rVB2	1533811	1330746	9.98%	0.488%
90	12.010	1684	1687	1689	rBV	1545096	1503942	11.28%	0.552%
91	12.039	1689	1692	1695	rVB	2009305	2157020	16.18%	0.791%
92	12.192	1716	1718	1721	rBV	1005150	991112	7.44%	0.363%
93	12.480	1764	1767	1770	rVB2	928987	1020865	7.66%	0.374%
94	12.563	1778	1781	1782	rBV	1181853	1130275	8.48%	0.414%
95	12.721	1805	1808	1812	rVB	1273776	1151303	8.64%	0.422%
96	12.951	1844	1847	1852	rVV2	1732860	1811034	13.59%	0.664%
97	12.998	1853	1855	1859	rVB	778448	820997	6.16%	0.301%
98	13.080	1867	1869	1872	rVB	1336726	1237512	9.28%	0.454%
99	14.133	2044	2048	2051	rBV2	665301	941350	7.06%	0.345%
100	15.198	2226	2229	2237	rVB	309680	655657	4.92%	0.240%

Sum of corrected areas: 272686063

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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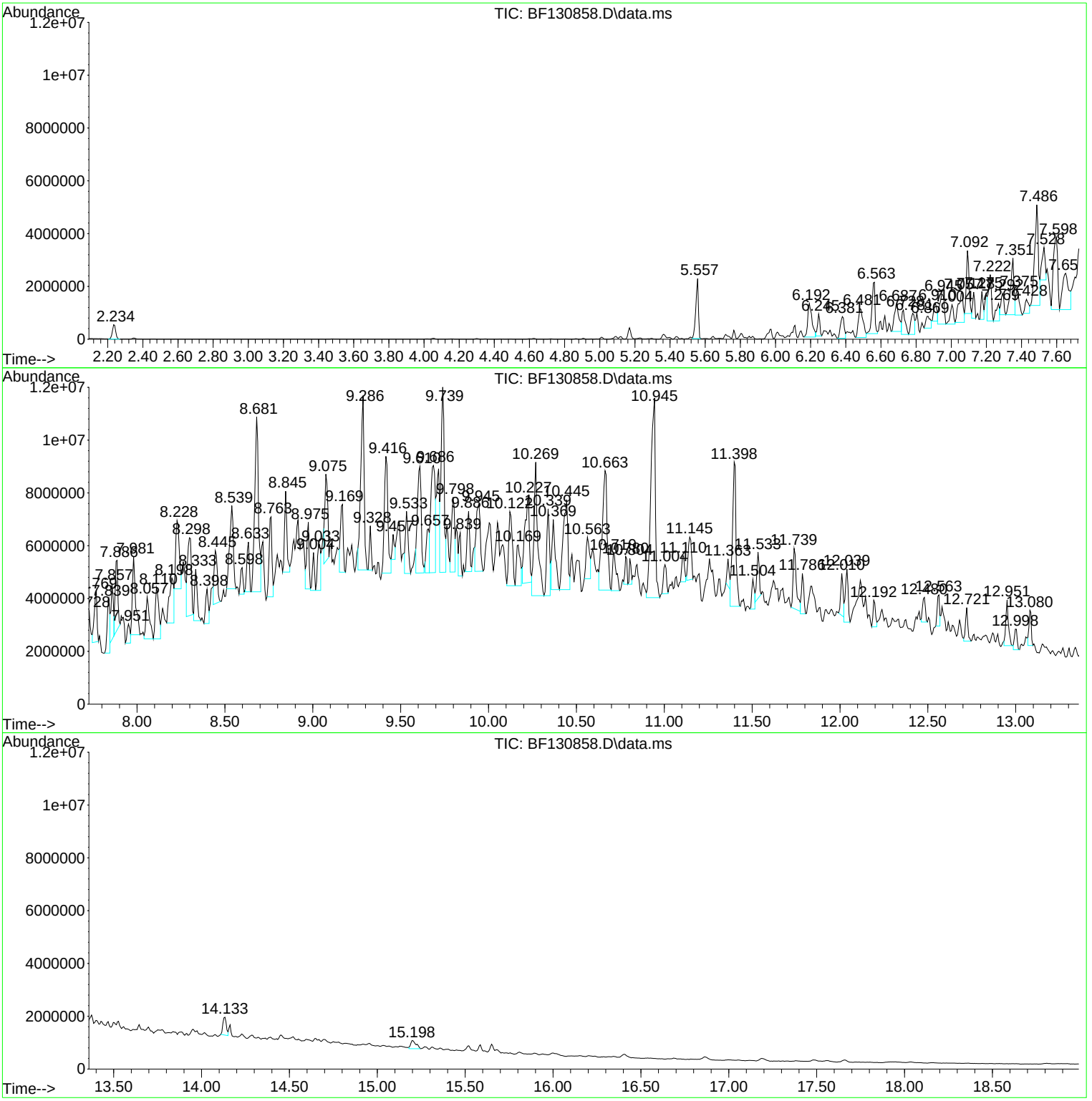
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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\BF102922\
Data File : BF130858.D
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BNA_F
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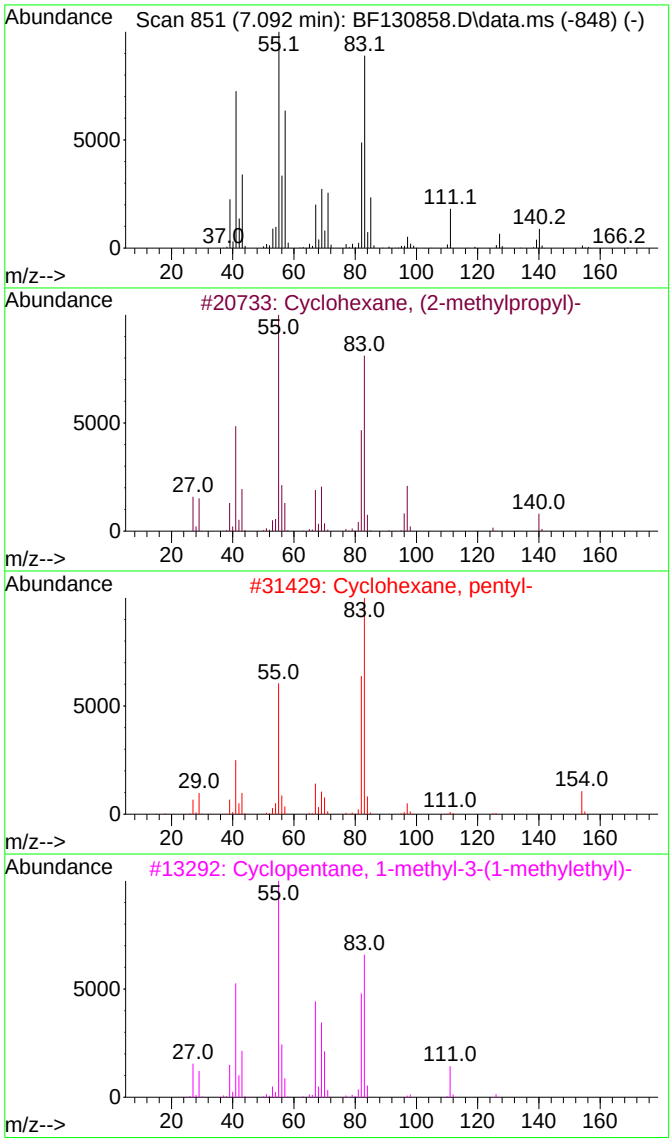
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

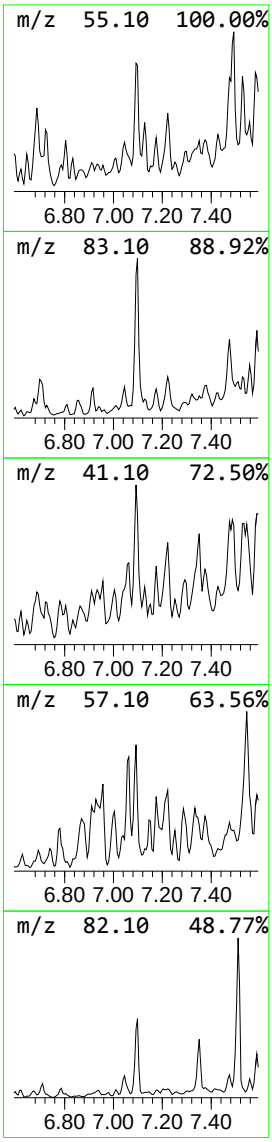
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, (2-methylpropyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	23.92 ng	2468630	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	62
3	Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	62
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Acq On : 29 Oct 2022 15:44
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Sample : N5267-16
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

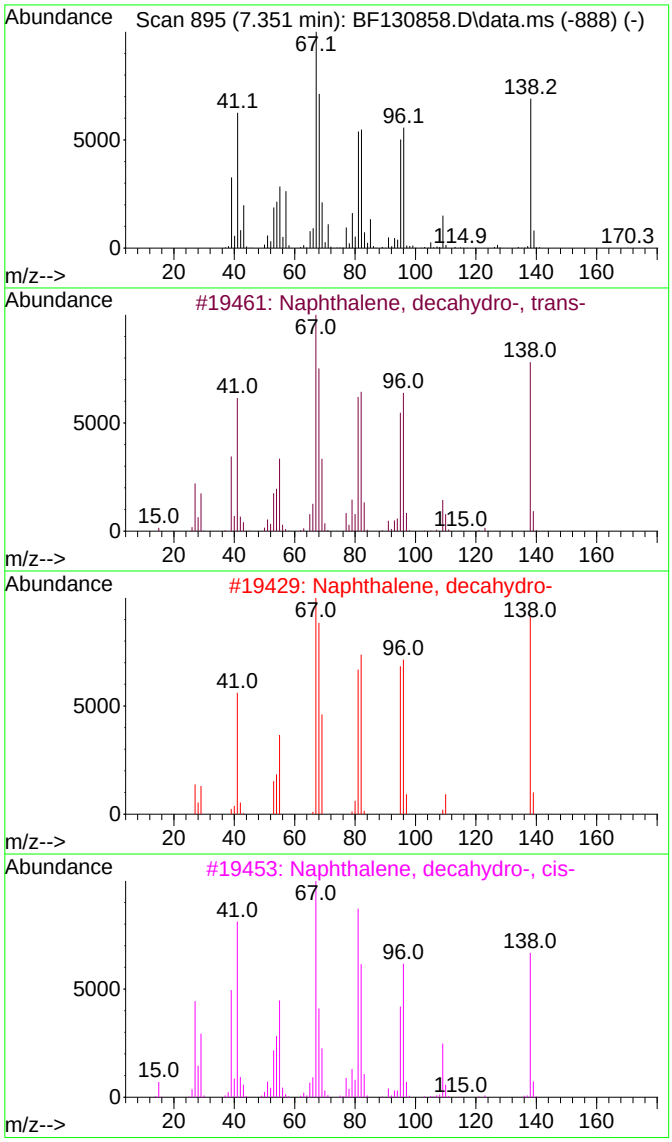
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

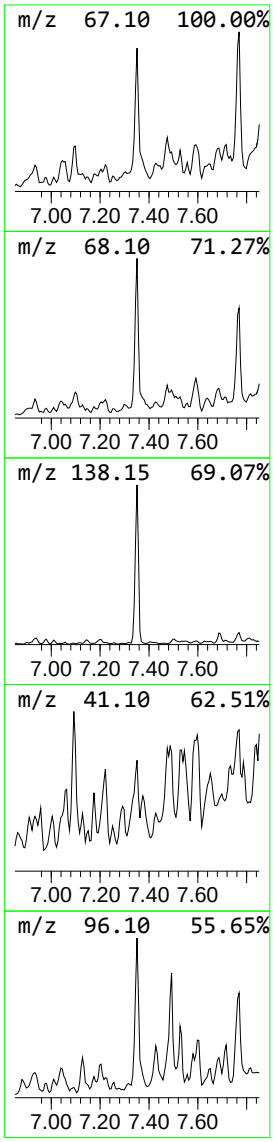
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, decahydro-, tr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.351	28.02 ng	2892700	1,4-Dichlorobenzene-d4	6.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	83
4	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	72
5	Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

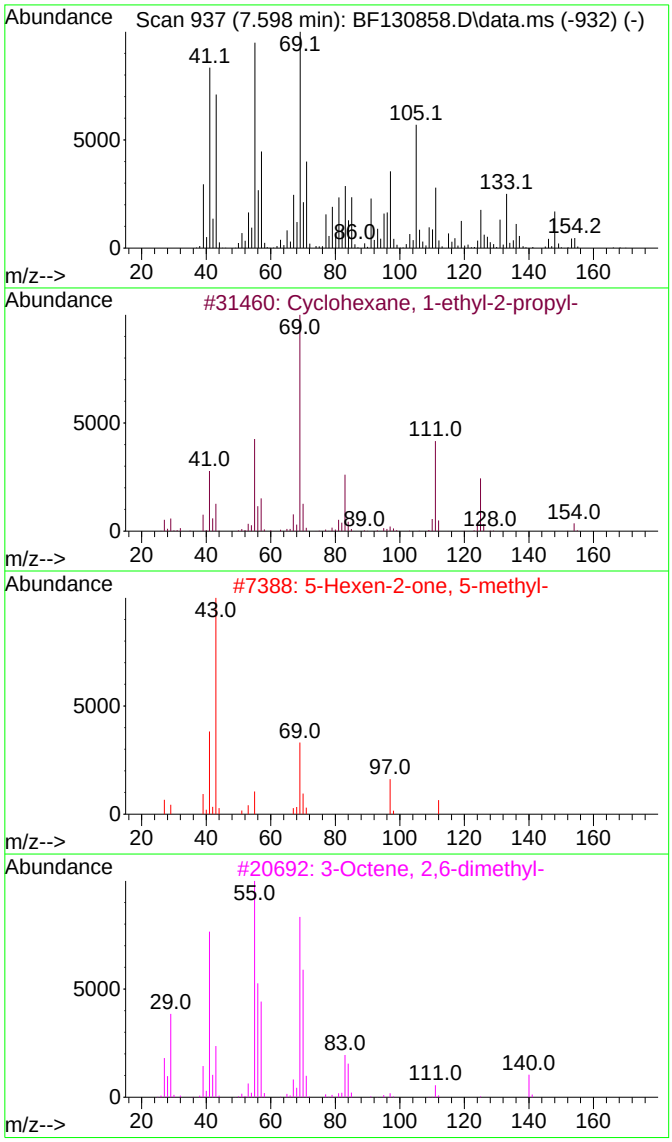
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

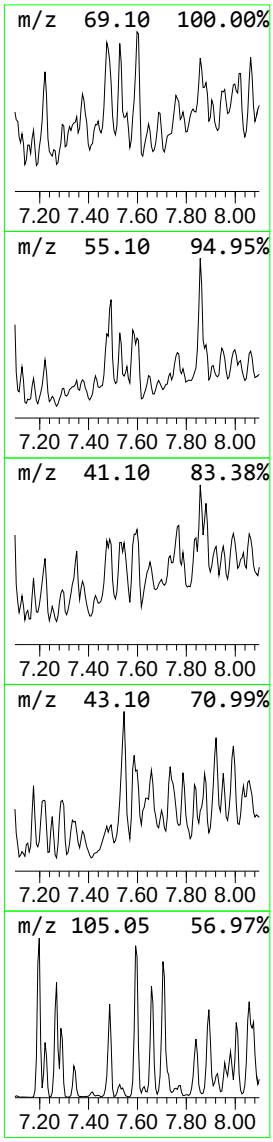
****

Peak Number 3 unknown7.598 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.598	24.68 ng	4630390	Naphthalene-d8	8.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	38
2	5-Hexen-2-one, 5-methyl-	112	C7H12O	003240-09-3	30
3	3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	22
4	1-Chloroundecane	190	C11H23Cl	002473-03-2	22
5	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	22





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Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

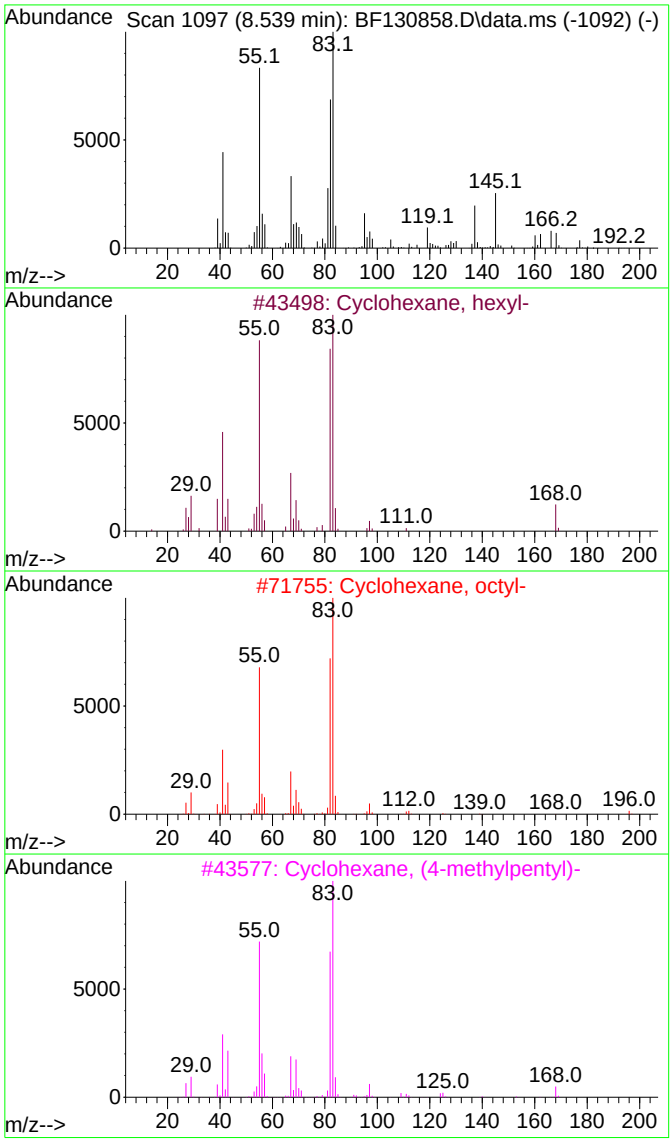
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

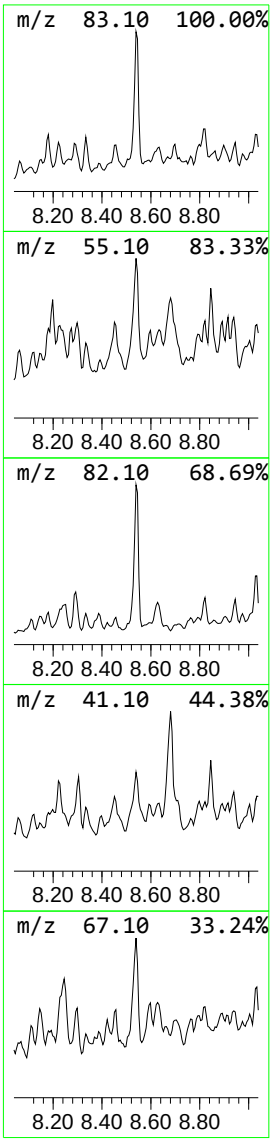
****

Peak Number 4 Cyclohexane, hexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	24.30 ng	4557950	Naphthalene-d8	8.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	52
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

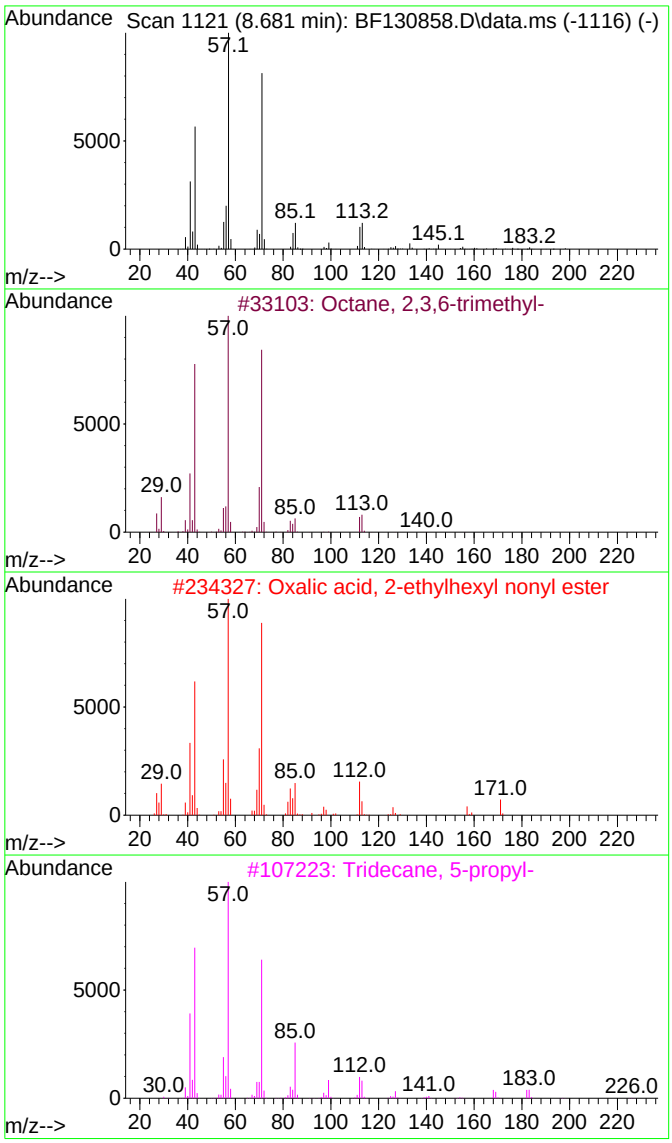
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

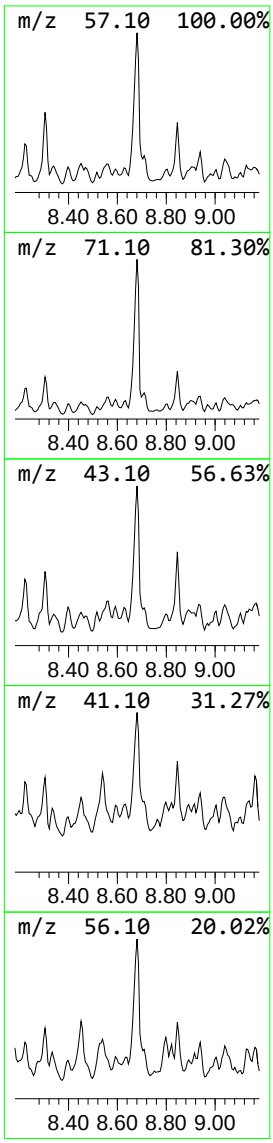
****

Peak Number 5 Octane, 2,3,6-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.681	53.48 ng	10030900	Naphthalene-d8	8.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
2	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	72
5	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64





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Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

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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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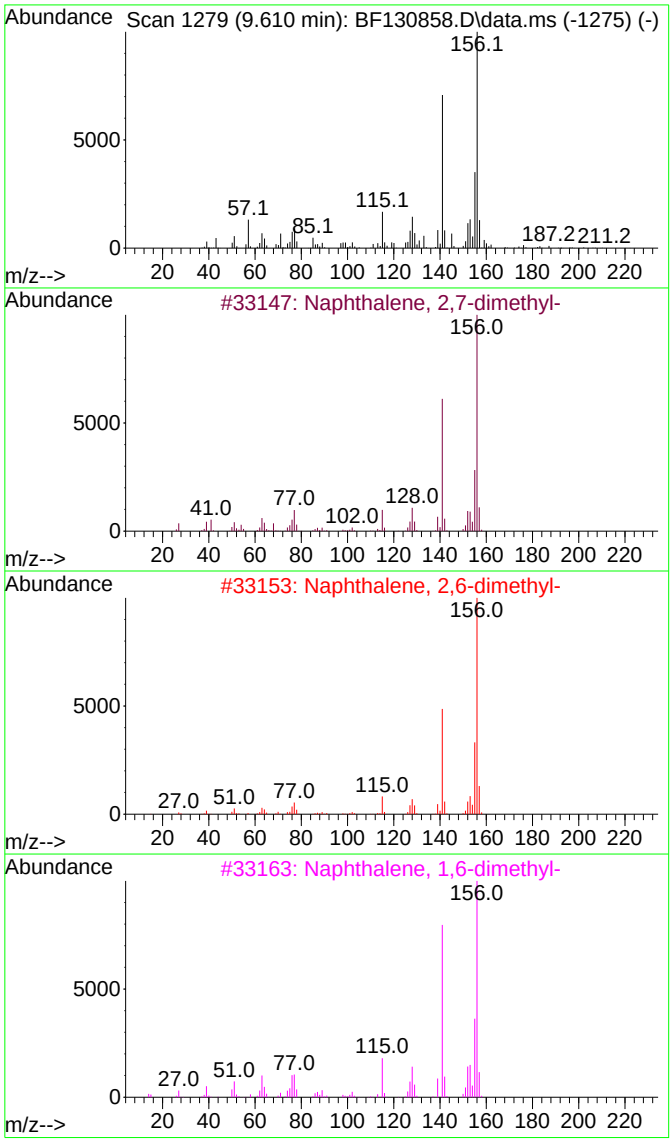
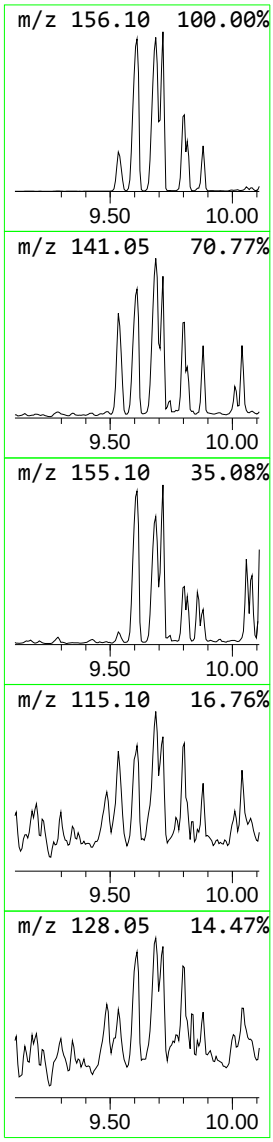
Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	29.70 ng	6030660	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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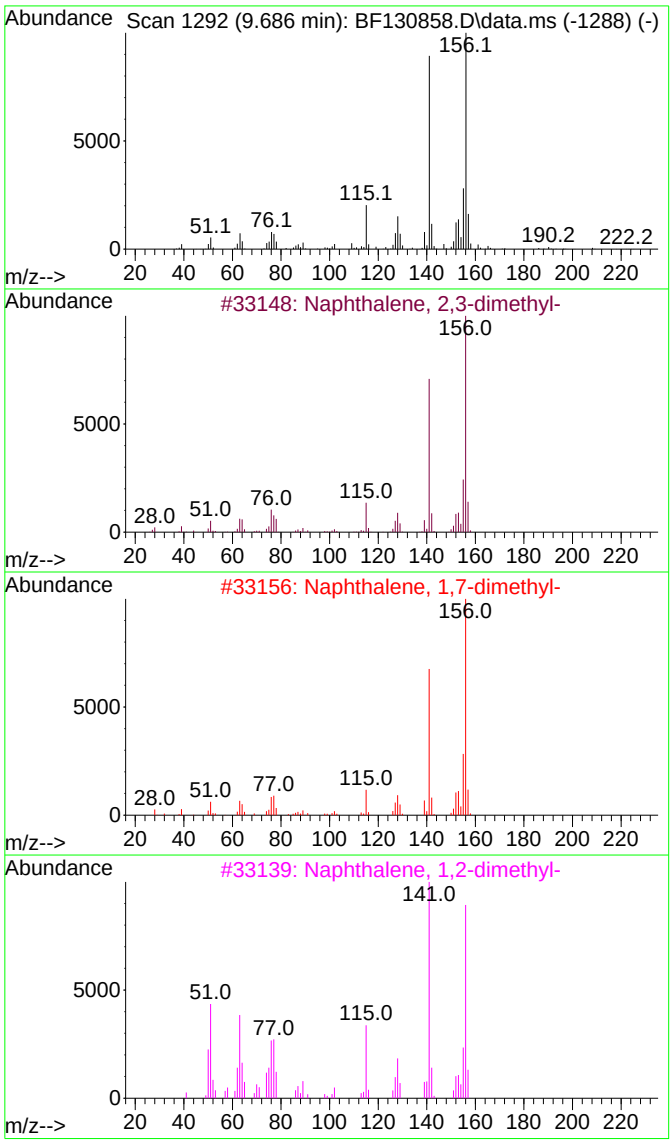
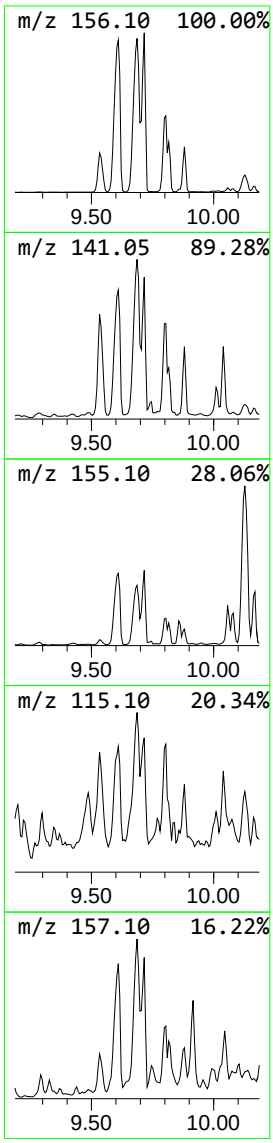
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.686	35.07 ng	7121090	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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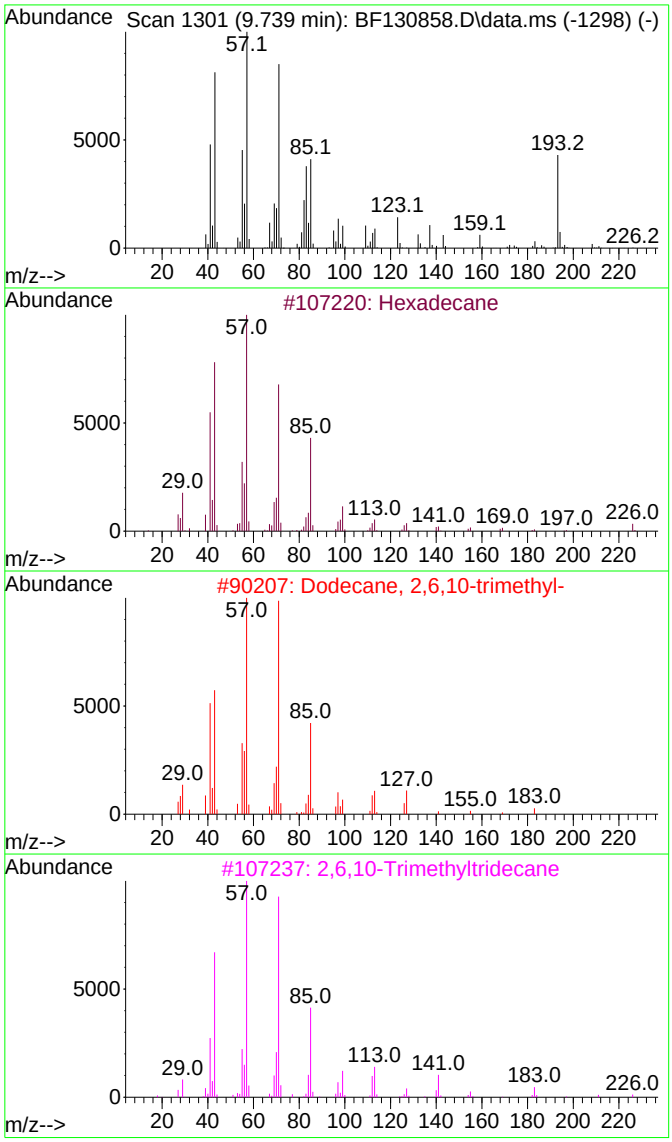
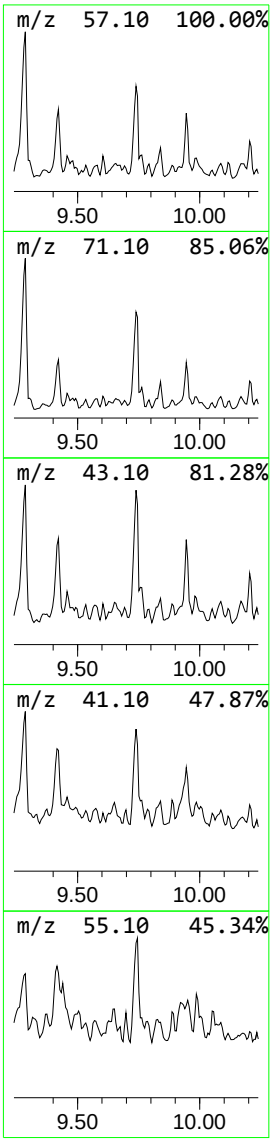
Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.739	42.21 ng	8570800	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	52
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	52
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	50
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	50
5	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	50





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Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

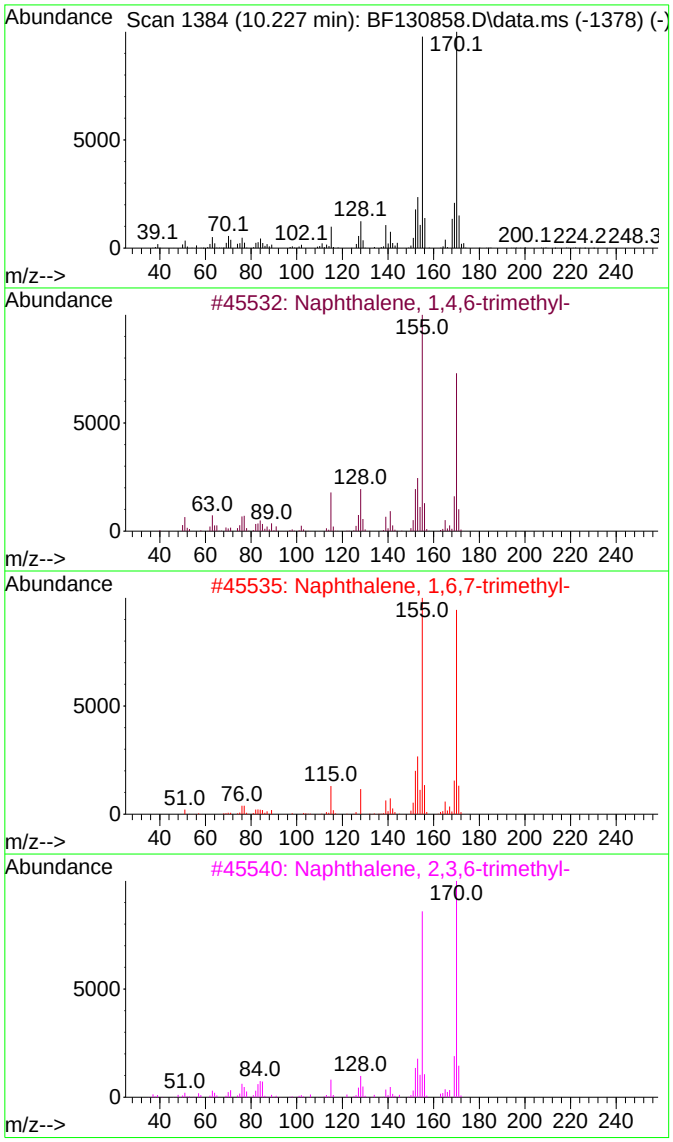
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

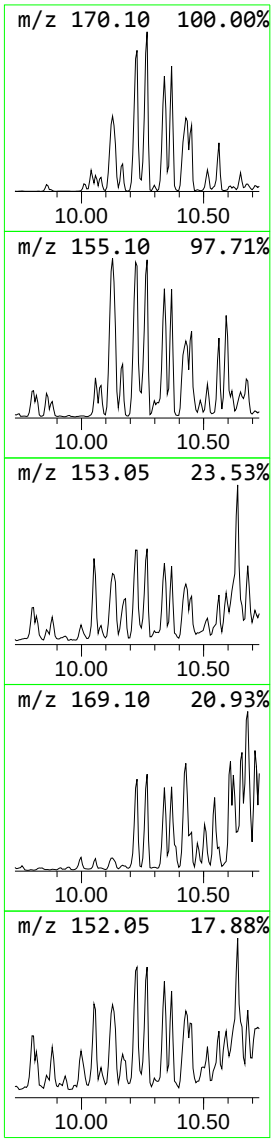
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.227	28.48 ng	5782130	Acenaphthene-d10	10.016

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	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

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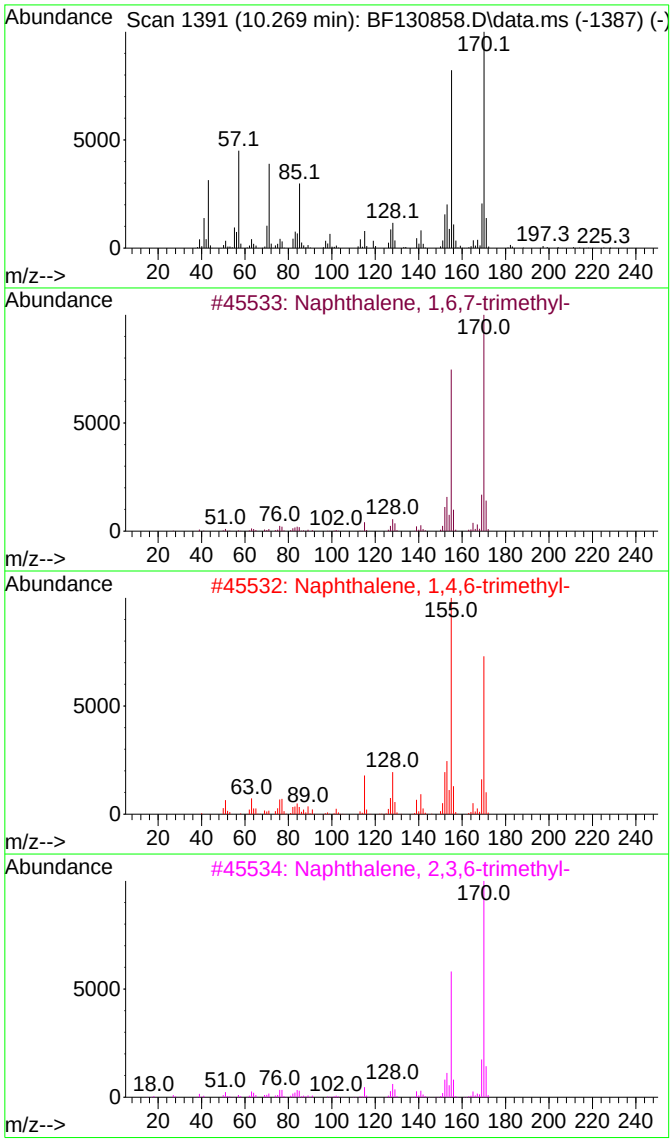
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

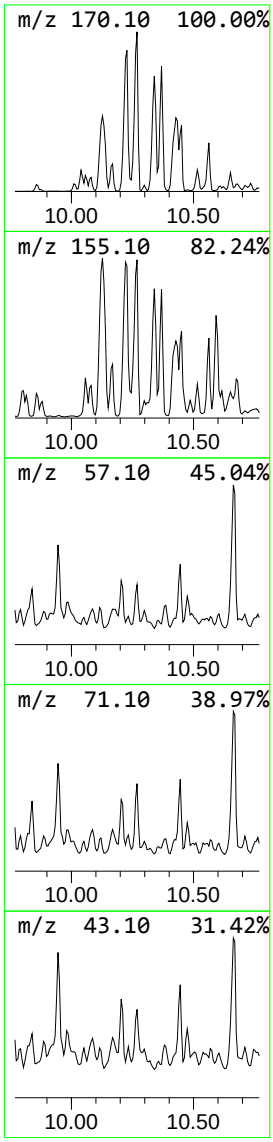
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.269	37.07 ng	7525880	Acenaphthene-d10	10.016

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	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76





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Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

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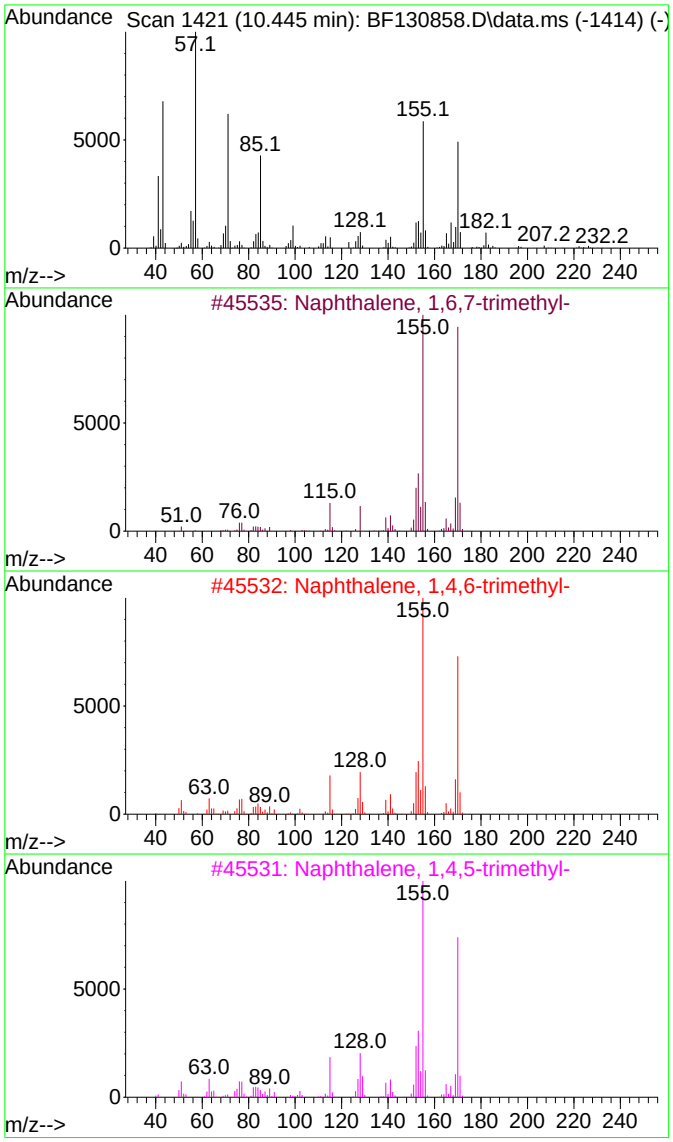
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

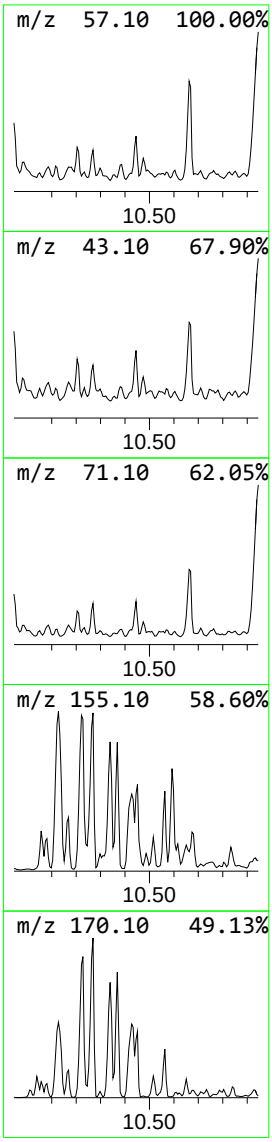
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	31.83 ng	6462600	Acenaphthene-d10	10.016

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	64
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	50
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	45
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38





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Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

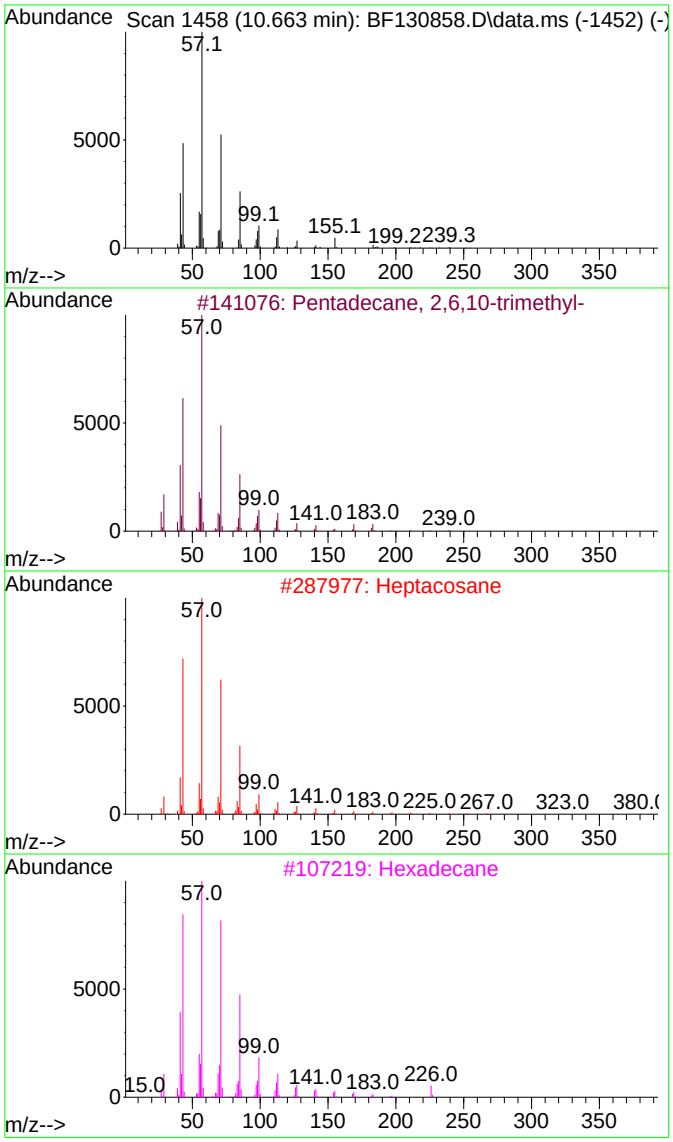
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

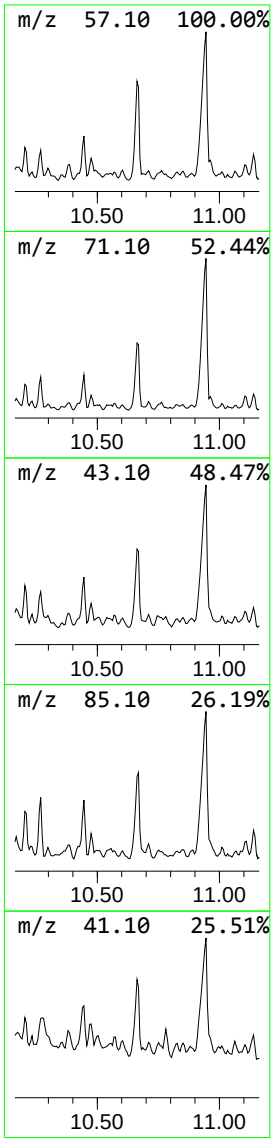
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.663	42.86 ng	8703040	Acenaphthene-d10	10.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72





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Operator : CG\JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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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

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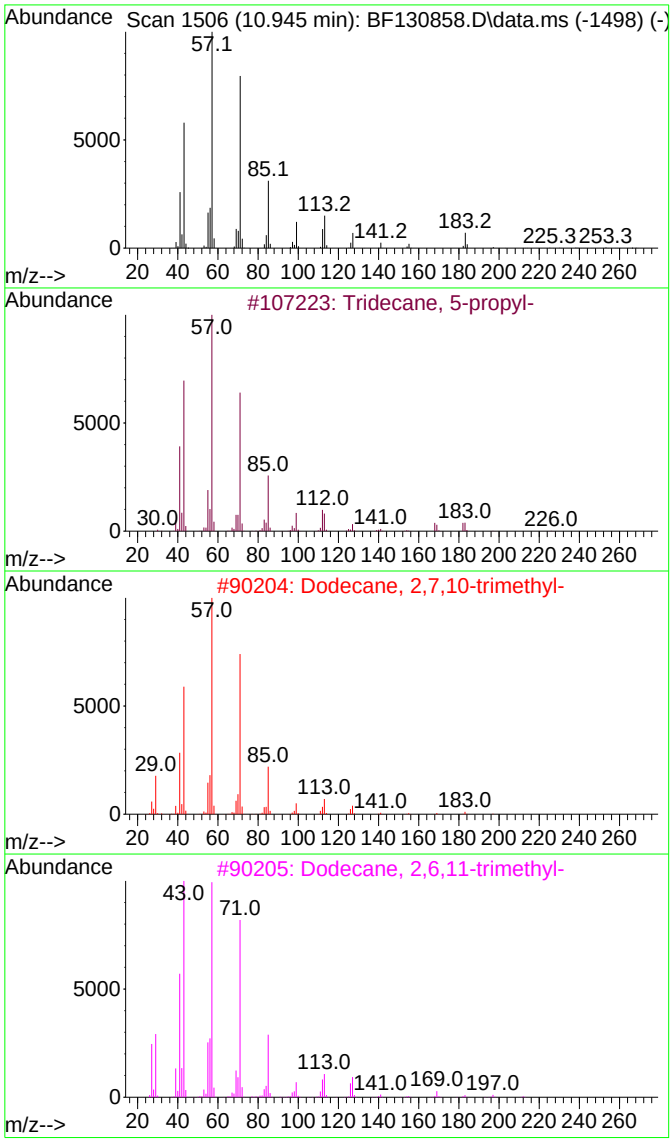
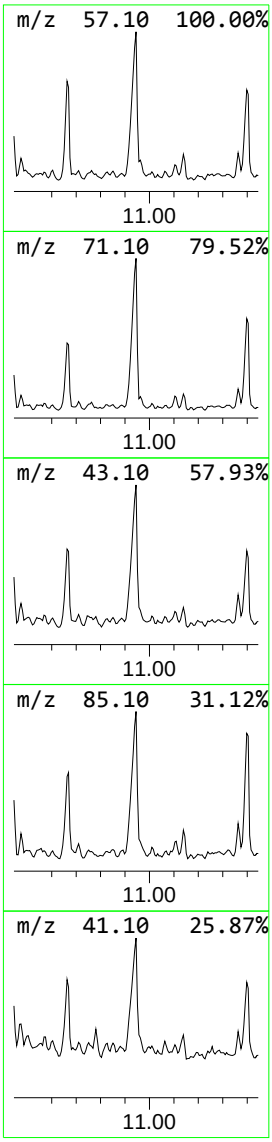
Peak Number 13 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.945	224.90 ng	13329700	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5	Dodecane	170	C12H26	000112-40-3	59





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Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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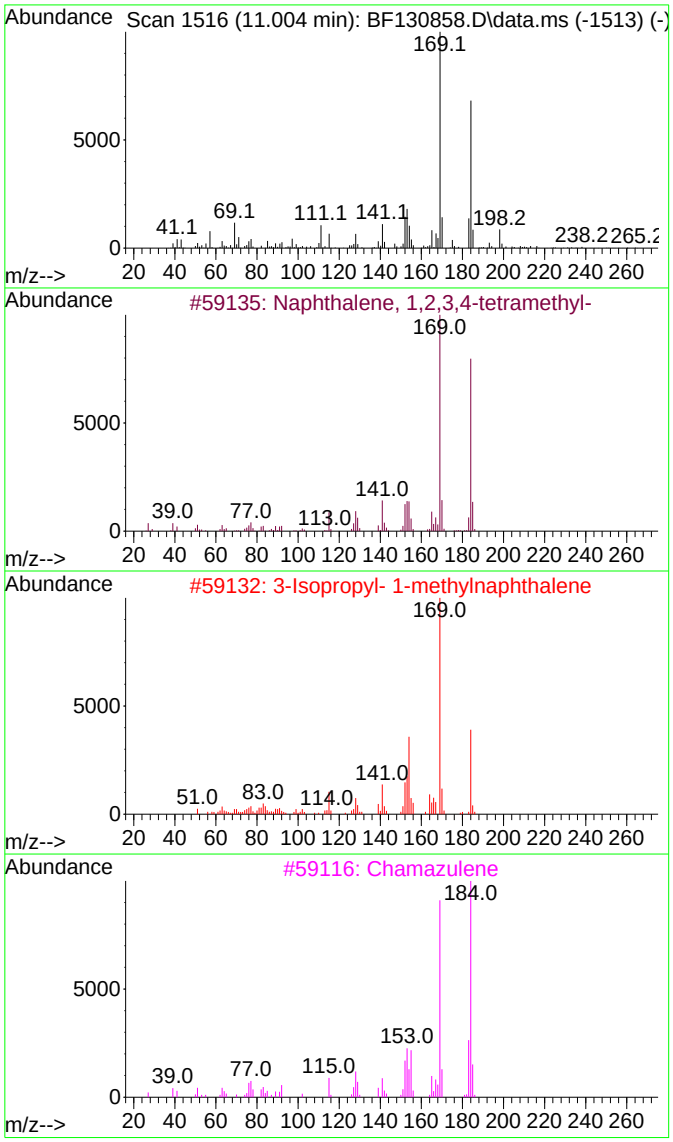
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

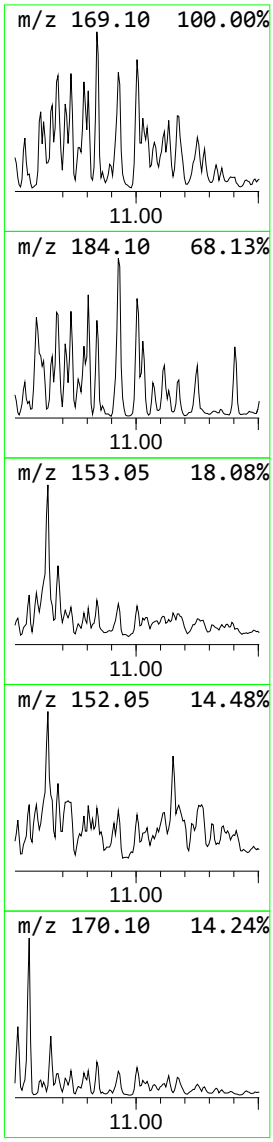
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetram... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.004	22.29 ng	1321350	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	93
2	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	90
3	Chamazulene	184	C14H16	000529-05-5	90
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	81
5	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	68





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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

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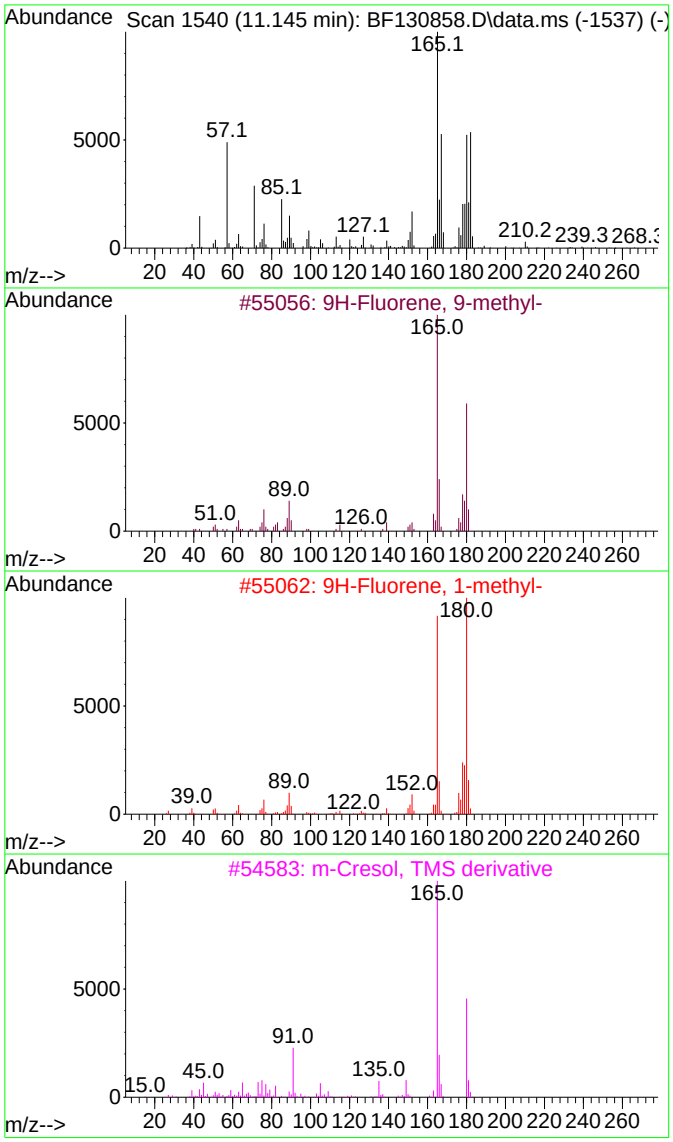
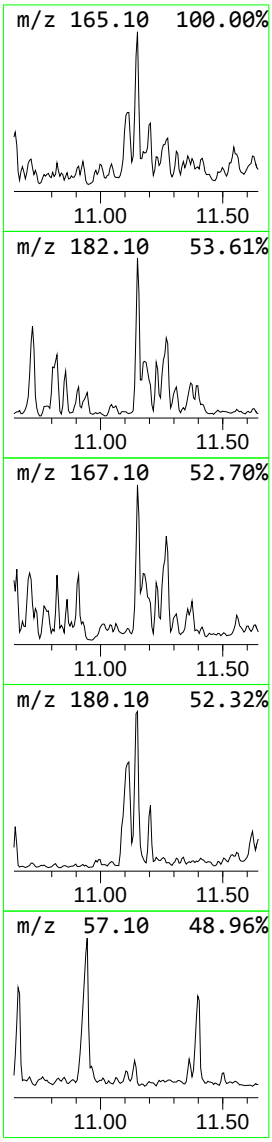
Peak Number 15 9H-Fluorene, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.145	35.56 ng	2107890	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	46
3	m-Cresol, TMS derivative	180	C10H16OSi	017902-31-7	43
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	43
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	41





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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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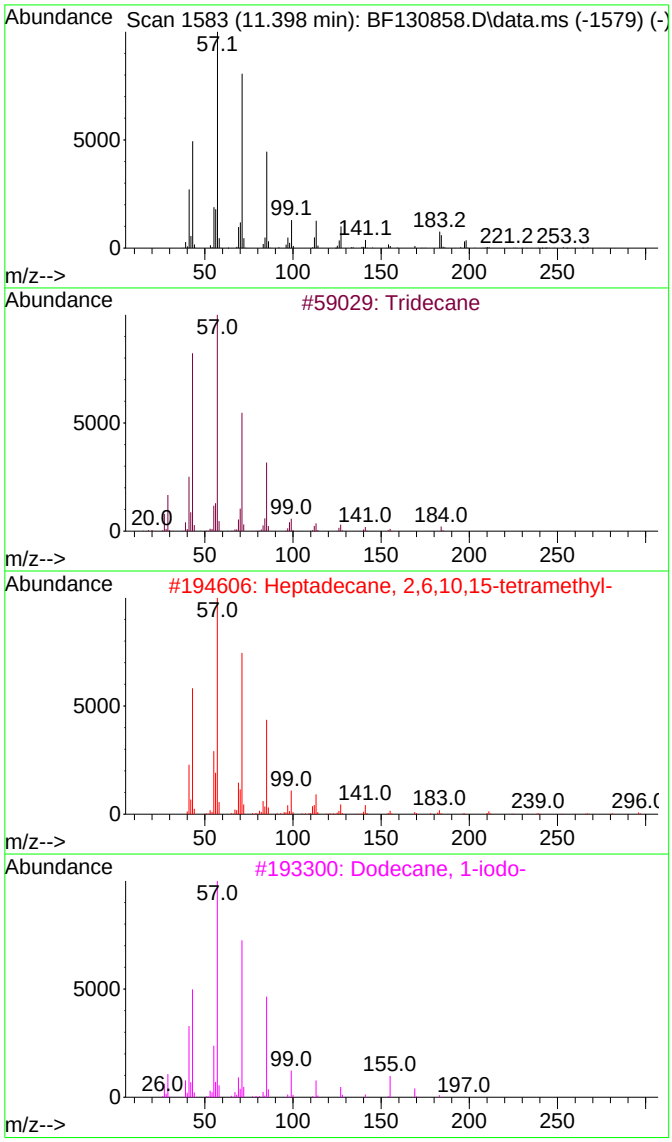
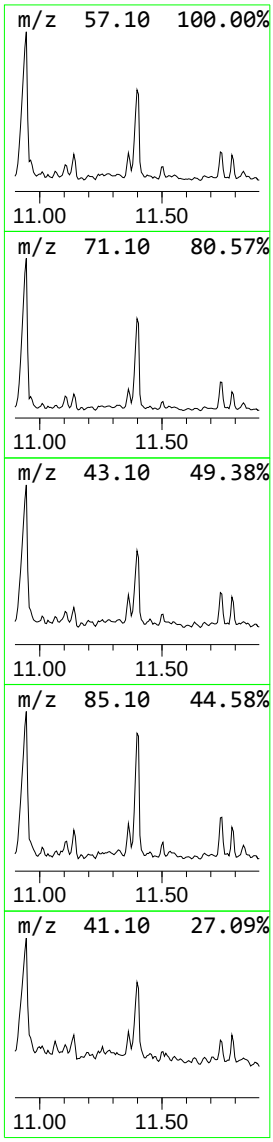
Peak Number 16 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.398	128.44 ng	7612450	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Tetradecane	198	C14H30	000629-59-4	80





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Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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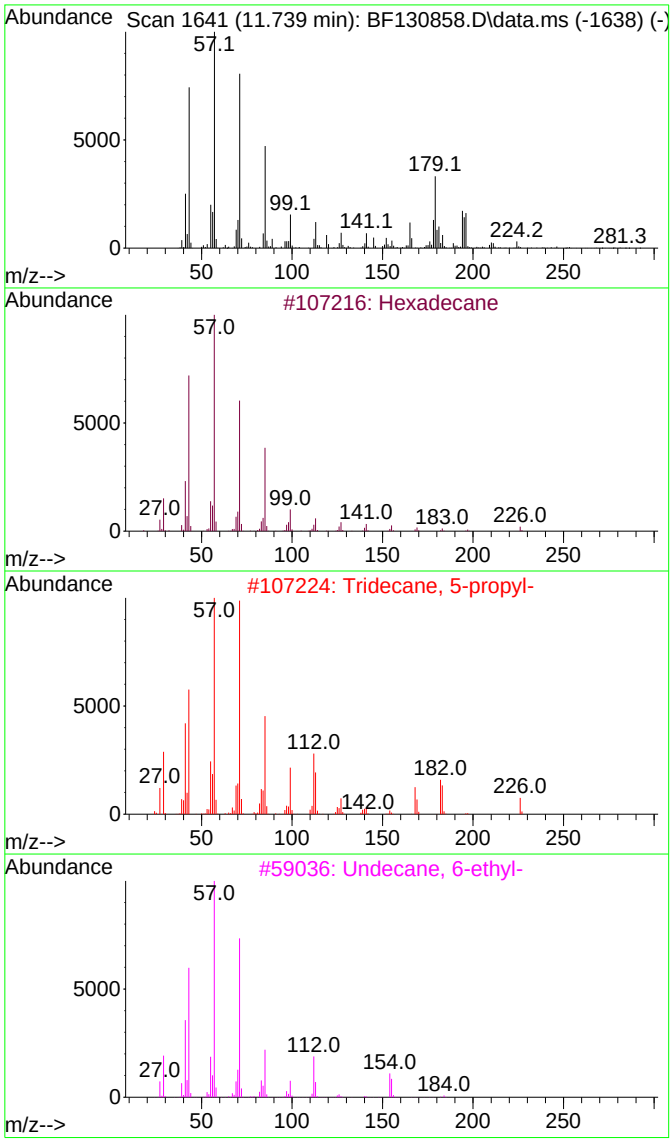
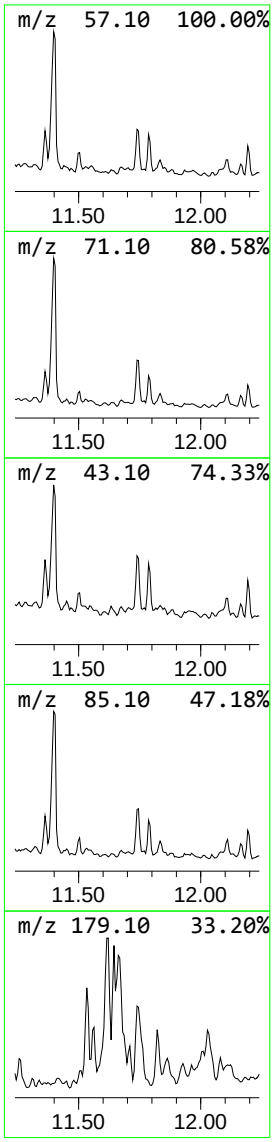
Peak Number 17 Undecane, 6-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	50.11 ng	2970260	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	53
3	Undecane, 6-ethyl-	184	C13H28	017312-60-6	50
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	49
5	Heptacosane	380	C27H56	000593-49-7	49





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Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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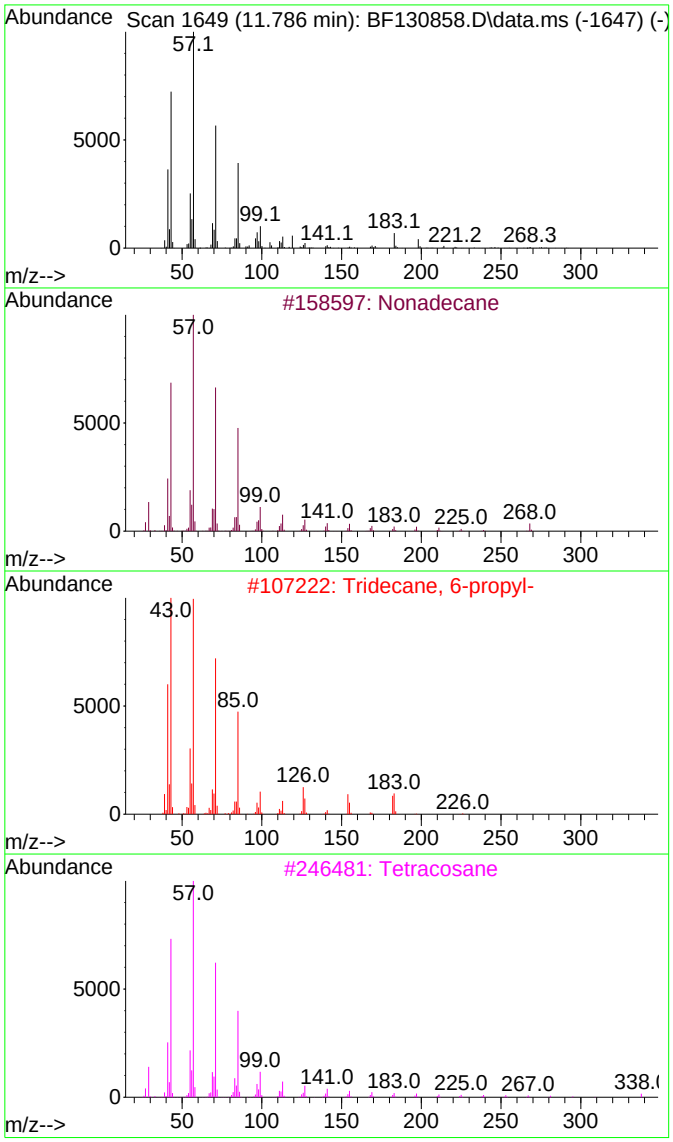
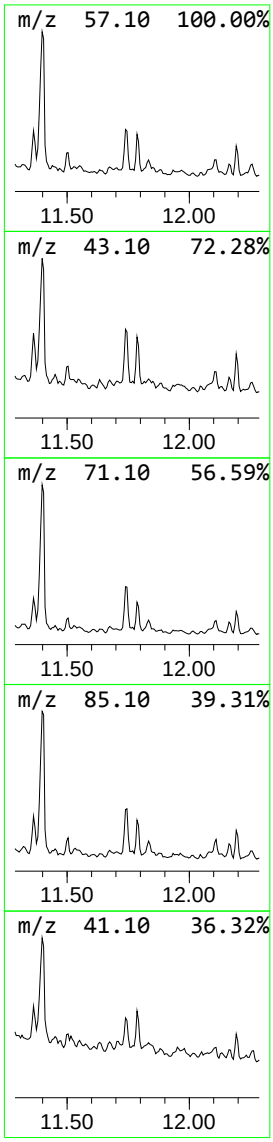
Peak Number 18 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	22.45 ng	1330750	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Octacosane	394	C28H58	000630-02-4	86
5	Heneicosane	296	C21H44	000629-94-7	80





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Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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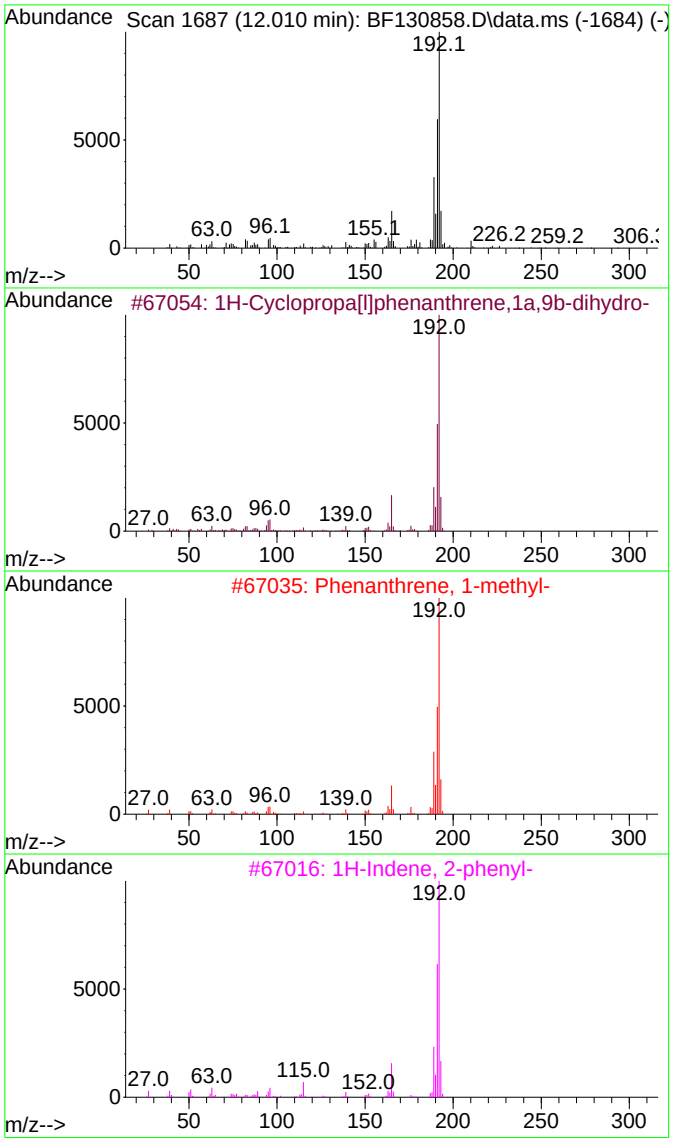
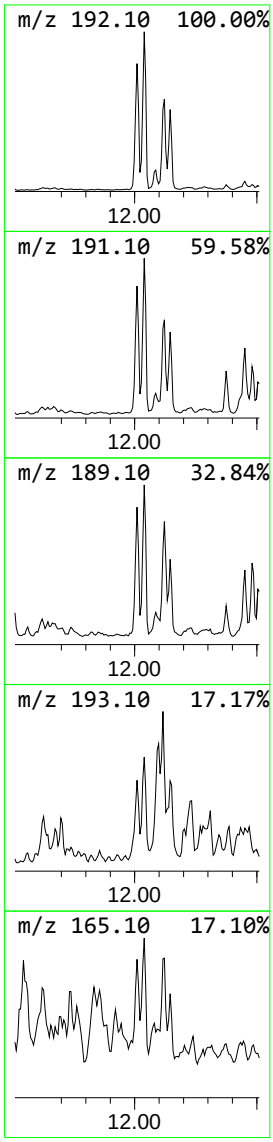
Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	25.37 ng	1503940	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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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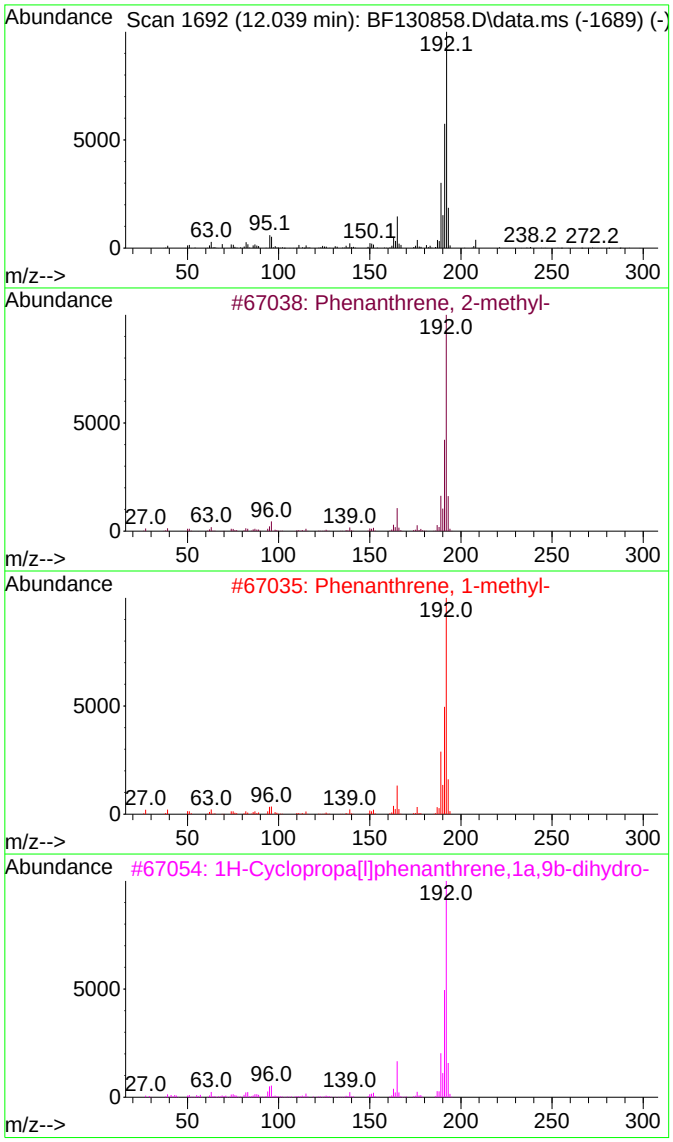
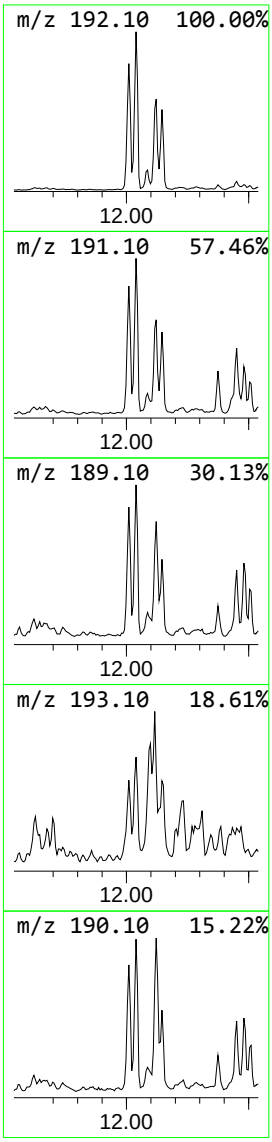
Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	36.39 ng	2157020	Phenanthrene-d10	11.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102922\
Data File : BF130858.D
Acq On : 29 Oct 2022 15:44
Operator : CG\JU
Sample : N5267-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP6-1024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.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
Cyclohexane, (2...	7.092	23.9	ng	2468630	1	6.945	2064380	20.0
Naphthalene, de...	7.351	28.0	ng	2892700	1	6.945	2064380	20.0
unknown7.598	7.598	24.7	ng	4630390	2	8.245	3751610	20.0
Cyclohexane, he...	8.539	24.3	ng	4557950	2	8.245	3751610	20.0
Octane, 2,3,6-t...	8.681	53.5	ng	10030900	2	8.245	3751610	20.0
Naphthalene, 2,...	9.610	29.7	ng	6030660	3	10.016	4060750	20.0
Naphthalene, 2,...	9.686	35.1	ng	7121090	3	10.016	4060750	20.0
Hexadecane	9.739	42.2	ng	8570800	3	10.016	4060750	20.0
Naphthalene, 1,...	10.227	28.5	ng	5782130	3	10.016	4060750	20.0
Naphthalene, 1,...	10.269	37.1	ng	7525880	3	10.016	4060750	20.0
Naphthalene, 1,...	10.445	31.8	ng	6462600	3	10.016	4060750	20.0
Pentadecane, 2,...	10.663	42.9	ng	8703040	3	10.016	4060750	20.0
Tridecane, 5-pr...	10.945	224.9	ng	13329700	4	11.510	1185410	20.0
Naphthalene, 1,...	11.004	22.3	ng	1321350	4	11.510	1185410	20.0
9H-Fluorene, 9-...	11.145	35.6	ng	2107890	4	11.510	1185410	20.0
Tridecane	11.398	128.4	ng	7612450	4	11.510	1185410	20.0
Undecane, 6-ethyl-	11.739	50.1	ng	2970260	4	11.510	1185410	20.0
Nonadecane	11.786	22.4	ng	1330750	4	11.510	1185410	20.0
1H-Cyclopropa[l...	12.010	25.4	ng	1503940	4	11.510	1185410	20.0
Phenanthrene, 2...	12.039	36.4	ng	2157020	4	11.510	1185410	20.0