LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133168.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.340	548	553	556	rVB	3847729	3782263	71.29%	2.779%
2	6.257	707	709	712	rVV2	537583	612888	11.55%	0.450%
3	6.328	718	721	724	rBV2	501879	507921	9.57%	0.373%
4	6.369	724	728	732	rVB2	3851546	4190994	78.99%	3.080%
5	6.557	757	760	761	rBV	855932	670809	12.64%	0.493%
6	6.575	761	763	768	rVB	1511279	1248079	23.52%	0.917%
7	6.728	786	789	791	rBV	1631639	1339166	25.24%	0.984%
8	6.751	791	793	797	rVB2	933225	841358	15.86%	0.618%
9	6.792	797	800	804	rBV3	783576	841427	15.86%	0.618%
10	6.881	812	815	819	rBV3	543538	552757	10.42%	0.406%
11	6.986	827	833	834	rBV2	470818	520120	9.80%	0.382%
12	7.010	834	837	841	rVB2	1411846	1518606	28.62%	1.116%
13	7.057	841	845	847	rBV2	1950972	1918010	36.15%	1.409%
14	7.081	847	849	854	rVB	836168	656591	12.38%	0.482%
15	7.128	854	857	860	rBV	1764059	1431335	26.98%	1.052%
16	7.204	867	870	872	rBV	667826	675680	12.74%	0.497%
17	7.228	872	874	876	rVB	681192	496125	9.35%	0.365%
18	7.275	876	882	883	rBV	1922206	1888100	35.59%	1.387%
19	7.292	883	885	888	rVB2	1952974	1558621	29.38%	1.145%
20	7.339	890	893	896	rVB	2116753	1584873	29.87%	1.165%
21	7.386	896	901	904	rVB5	985767	1324862	24.97%	0.974%
22	7.422	904	907	910	rBV2	581992	737240	13.90%	0.542%
23	7.451	910	912	916	rVB3	624124	547909	10.33%	0.403%
24	7.510	916	922	923	rBV	1077703	1219731	22.99%	0.896%
25	7.533	923	926	931	rVB3	2000923	2199162	41.45%	1.616%
26	7.628	938	942	943	rBV3	543372	588730	11.10%	0.433%
27	7.657	943	947	948	rBV4	584324	789460	14.88%	0.580%
28	7.710	954	956	958	rVB2	663551	563752	10.63%	0.414%
29	7.739	958	961	962	rBV	1093818	878739	16.56%	0.646%
30	7.757	962	964	966	rVB2	1124220	857112	16.15%	0.630%
31	7.786	966	969	973	rVB3	993690	1319436	24.87%	0.970%
32	7.822	973	975	977	rBV2	790961	816763	15.39%	0.600%
33	7.839	977	978	983	rVB3	925149	1032886	19.47%	0.759%
34	7.892	983	987	989	rBV	967706	955605	18.01%	0.702%
35	7.975	997	1001	1003	rBV4	715416	1026962	19.36%	0.755%
36	8.010	1003	1007	1010	rBV2	3534556	3674888	69.26%	2.700%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

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-BF042123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.039	1010	1012	1015	rVB3	1295070	1245390	23.47%	0.915%
38	8.086	1018	1020	1022	rVB	1556063	1095802	20.65%	0.805%
39	8.110	1022	1024	1028	rVB	771308	572006	10.78%	0.420%
40	8.192	1032	1038	1040	rBV4	816121	1174846	22.14%	0.863%
41	8.228	1040	1044	1046	rVB2	810171	877816	16.55%	0.645%
42	8.316	1054	1059	1062	rBV5	1262331	1865525	35.16%	1.371%
43	8.369	1066	1068	1071	rBV3	964055	799162	15.06%	0.587%
44	8.404	1071	1074	1077	rVB2	1535083	1336926	25.20%	0.982%
45	8.451	1079	1082	1086	rBV2	2606765	2629512	49.56%	1.932%
46	8.486	1086	1088	1090	rVB	991680	744412	14.03%	0.547%
47	8.522	1091	1094	1097	rBV2	1309040	1211664	22.84%	0.890%
48	8.563	1097	1101	1103	rBV3	777266	881693	16.62%	0.648%
49	8.616	1106	1110	1113	rBV2	2276409	2367988	44.63%	1.740%
50	8.680	1118	1121	1123	rVB2	610652	517464	9.75%	0.380%
51	8.716	1123	1127	1128	rBV3	770628	880138	16.59%	0.647%
52	8.728	1128	1129	1133	rVB	1965910	1515089	28.56%	1.113%
53	8.769	1133	1136	1139	rBV4	495359	801104	15.10%	0.589%
54	8.828	1143	1146	1151	rBV2	1477989	1760611	33.18%	1.294%
55	8.904	1156	1159	1160	rBV2	897921	800484	15.09%	0.588%
56	8.928	1160	1163	1165	rBV3	557230	564079	10.63%	0.415%
57	8.980	1171	1172	1175	rVB2	771109	576304	10.86%	0.423%
58	9.022	1175	1179	1181	rBV2	500206	637378	12.01%	0.468%
59	9.051	1181	1184	1187	rVB2	2753739	2378545	44.83%	1.748%
60	9.092	1187	1191	1194	rBV	3813109	3240316	61.07%	2.381%
61	9.186	1202	1207	1210	rBV4	2427500	3200118	60.32%	2.352%
62	9.286	1222	1224	1231	rVB4	845607	1161572	21.89%	0.854%
63	9.351	1232	1235	1241	rVV3	1641173	2487316	46.88%	1.828%
64	9.433	1246	1249	1251	rVV	2570756	2697855	50.85%	1.982%
65	9.457	1251	1253	1256	rVV2	2192065	1945708	36.67%	1.430%
66	9.486	1256	1258	1259	rVV	1498042	1353217	25.51%	0.994%
67	9.504	1259	1261	1263	rVV	3138929	2815686	53.07%	2.069%
68	9.527	1263	1265	1266	rVV	936081	756387	14.26%	0.556%
69	9.545	1266	1268	1270	rVV	968209	1071660	20.20%	0.787%
70	9.633	1281	1283	1290	rBV6	602133	1191787	22.46%	0.876%
71	9.686	1290	1292	1294	rVB	1401761	1052689	19.84%	0.774%
72	9.716	1294	1297	1301	rBV	1708591	1612066	30.38%	1.185%
73	9.751	1301	1303	1304	rBV	1239665	1023049	19.28%	0.752%
74	9.769	1304	1306	1309	rVB	1933280	1614076	30.42%	1.186%
75	9.880	1322	1325	1329	rVB	1172188	1566565	29.53%	1.151%
76	9.945	1333	1336	1338	rVV3	623805	989564	18.65%	0.727%

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.975	1338	1341	1344	rVV	2184883	2123428	40.02%	1.560%
78	10.016	1344	1348	1350	rVV	1421199	1637089	30.86%	1.203%
79	10.039	1350	1352	1356	rVB5	1190478	1150047	21.68%	0.845%
80	10.092	1358	1361	1363	rVV	1171071	1050771	19.80%	0.772%
81	10.116	1363	1365	1367	rVB	908120	707251	13.33%	0.520%
82	10.210	1380	1381	1384	rVB	952049	625255	11.78%	0.459%
83	10.316	1396	1399	1400	rBV2	835578	746385	14.07%	0.548%
84	10.339	1400	1403	1406	rVV3	751714	927381	17.48%	0.681%
85	10.380	1408	1410	1412	rVB3	792487	694265	13.09%	0.510%
86	10.433	1416	1419	1424	rVB	2752310	2693181	50.76%	1.979%
87	10.522	1431	1434	1436	rBV4	622558	756127	14.25%	0.556%
88	10.557	1436	1440	1444	rVB4	2011071	2455420	46.28%	1.804%
89	10.592	1444	1446	1448	rBV2	502059	485151	9.14%	0.357%
90	10.704	1459	1465	1468	rBV2	4236922	5305589	100.00%	3.899%
91	10.757	1472	1474	1477	rVB2	538060	467555	8.81%	0.344%
92	10.898	1495	1498	1500	rBV2	821083	821357	15.48%	0.604%
93	11.133	1536	1538	1540	rBV	726408	627849	11.83%	0.461%
94	11.163	1540	1543	1549	rVB	2921973	3186319	60.06%	2.341%
95	11.251	1556	1558	1560	rBV	1154777	981215	18.49%	0.721%
96	11.274	1560	1562	1564	rVB	633293	449023	8.46%	0.330%
97	11.510	1600	1602	1606	rVB	874127	824110	15.53%	0.606%
98	11.786	1646	1649	1653	rVB2	810077	883537	16.65%	0.649%
99	12.463	1761	1764	1767	rBV3	769125	1005741	18.96%	0.739%
100	12.845	1825	1829	1838	rBV2	2358872	3098890	58.41%	2.277%

Sum of corrected areas: 136085465

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Instrument :
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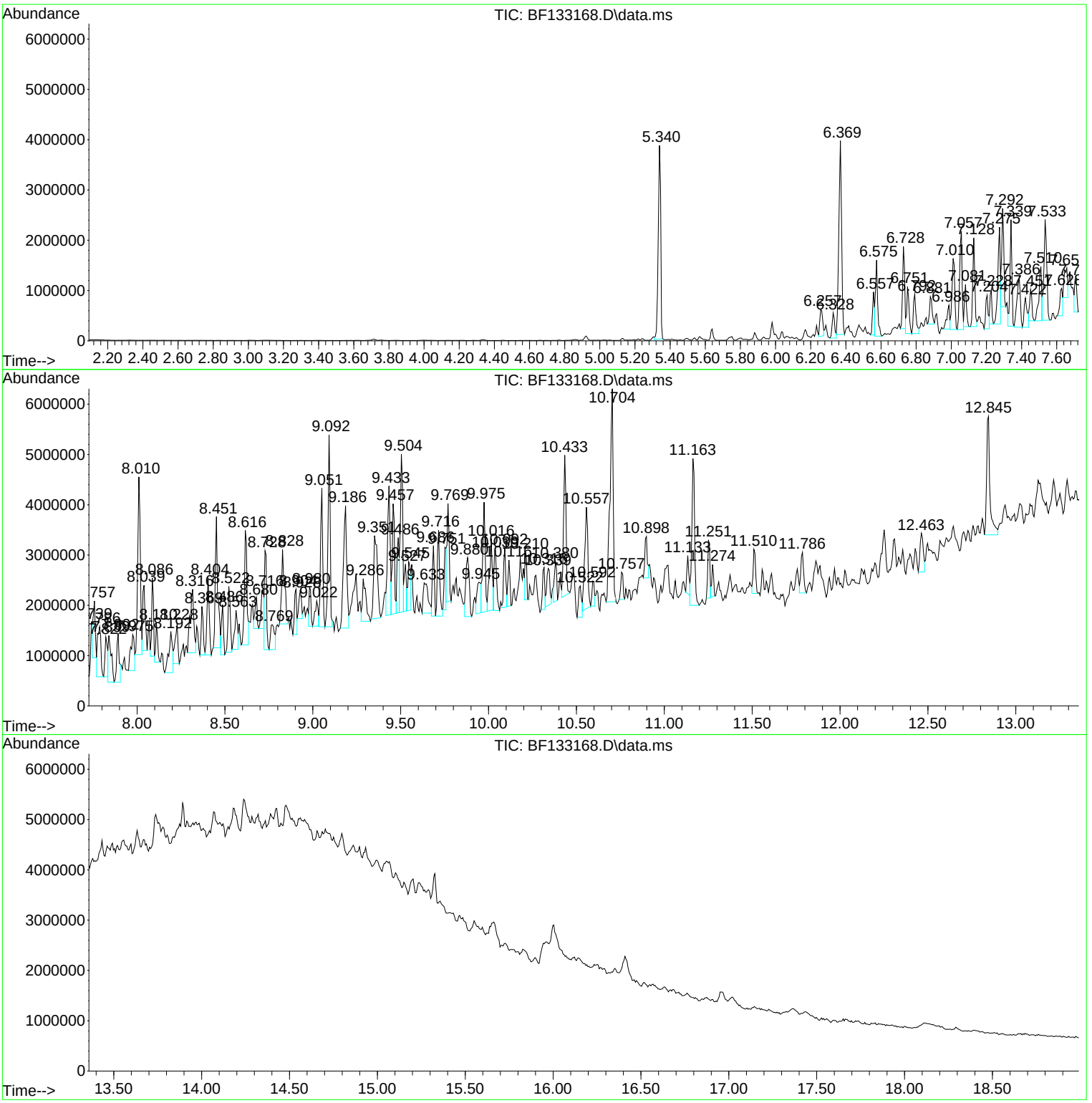
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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\BF050123\
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Instrument :
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ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

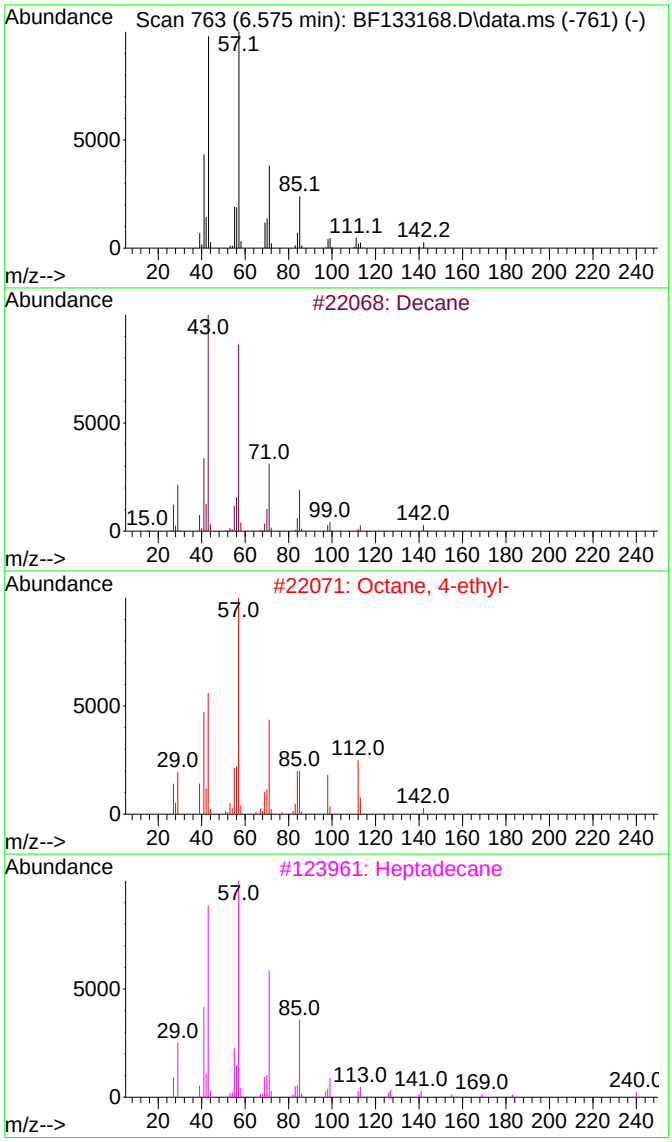
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

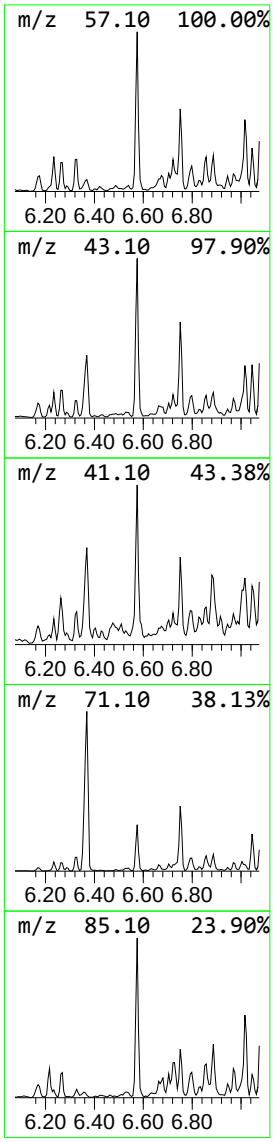
****

Peak Number 1 Decane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.575	18.64 ng	1248080	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Octane, 4-ethyl-	142	C10H22	015869-86-0	87
3	Heptadecane	240	C17H36	000629-78-7	83
4	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	72
5	Hexadecane	226	C16H34	000544-76-3	72





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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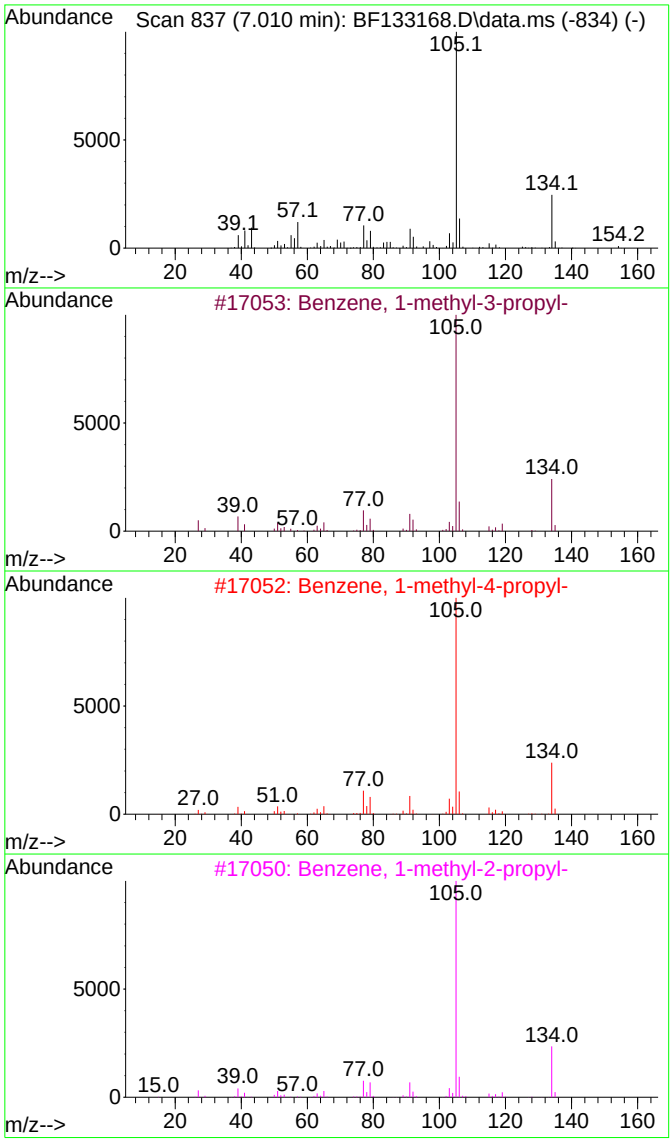
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

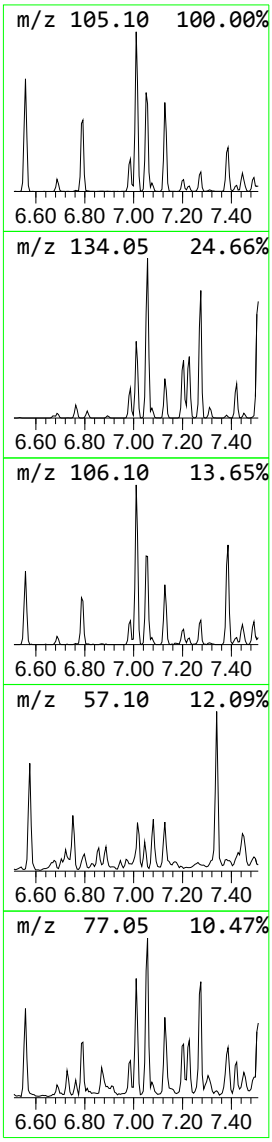
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-3-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	22.68 ng	1518610	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	87
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	81
5	2-Indanol	134	C9H10O	004254-29-9	64





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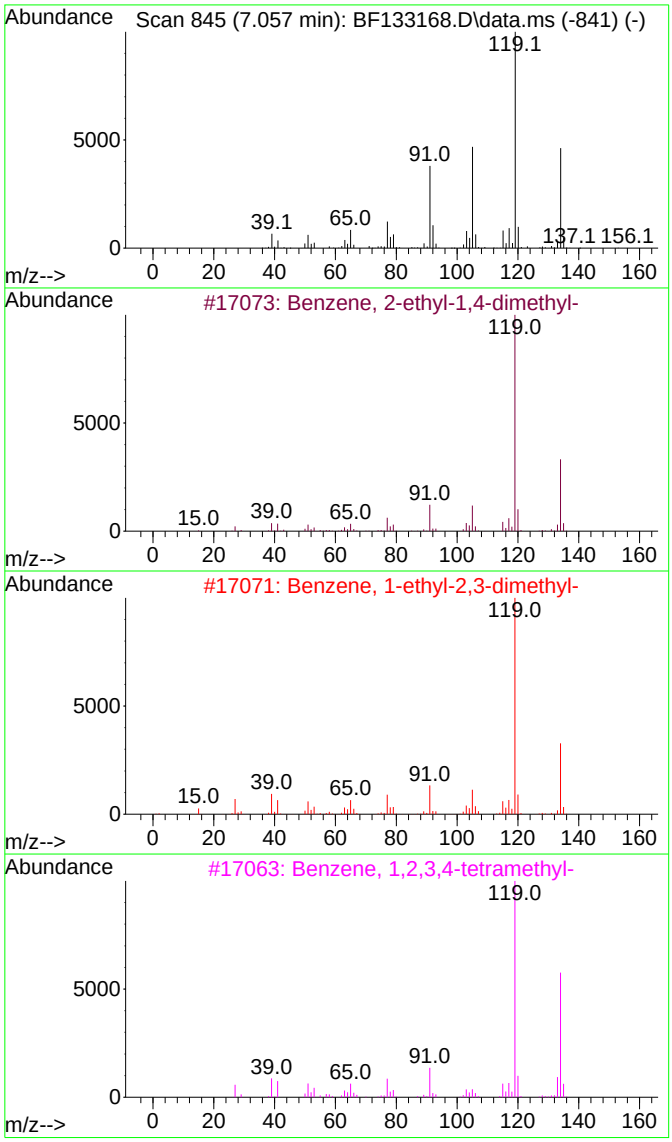
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

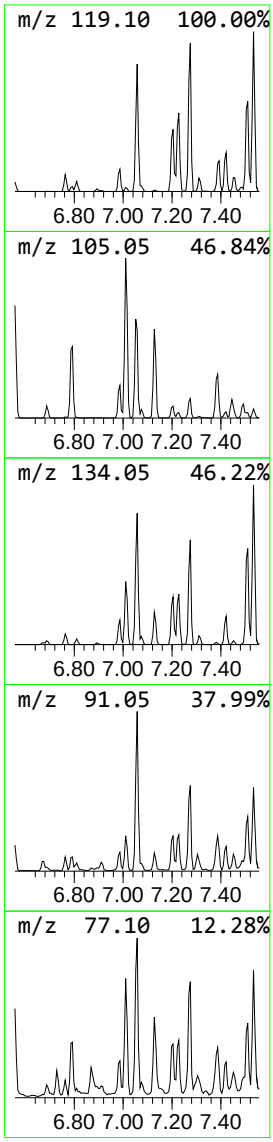
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	28.64 ng	1918010	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133168.D
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Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

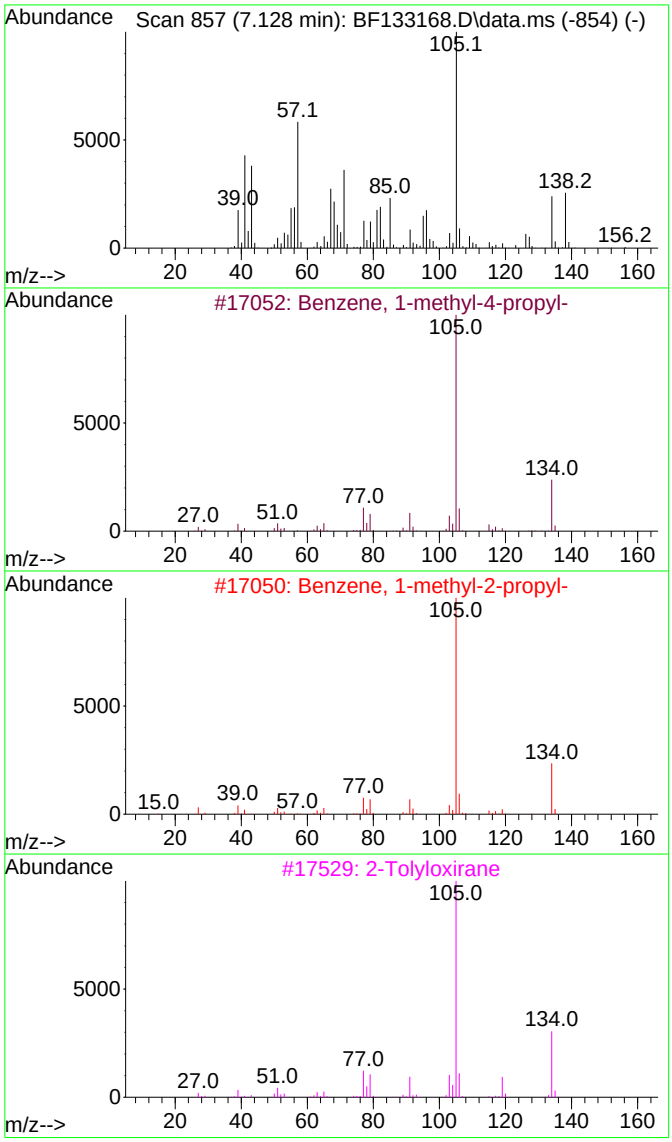
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

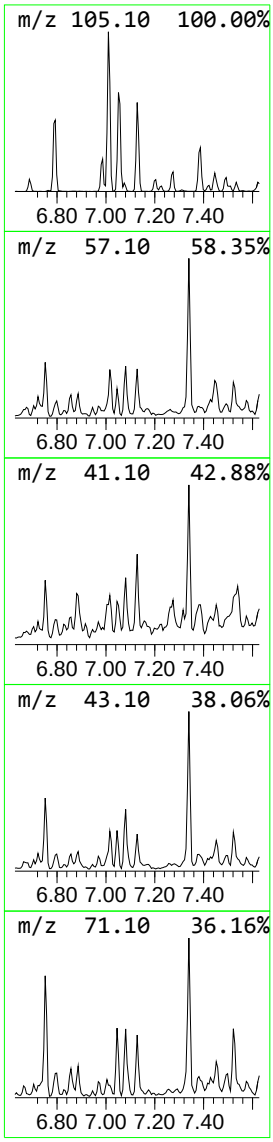
****

Peak Number 4 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.128	21.38 ng	1431340	1,4-Dichlorobenzene-d4	6.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	60
3	2-Tolyloxirane	134	C9H10O	002783-26-8	35
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
5	2-Decen-1-ol, (E)-	156	C10H20O	018409-18-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

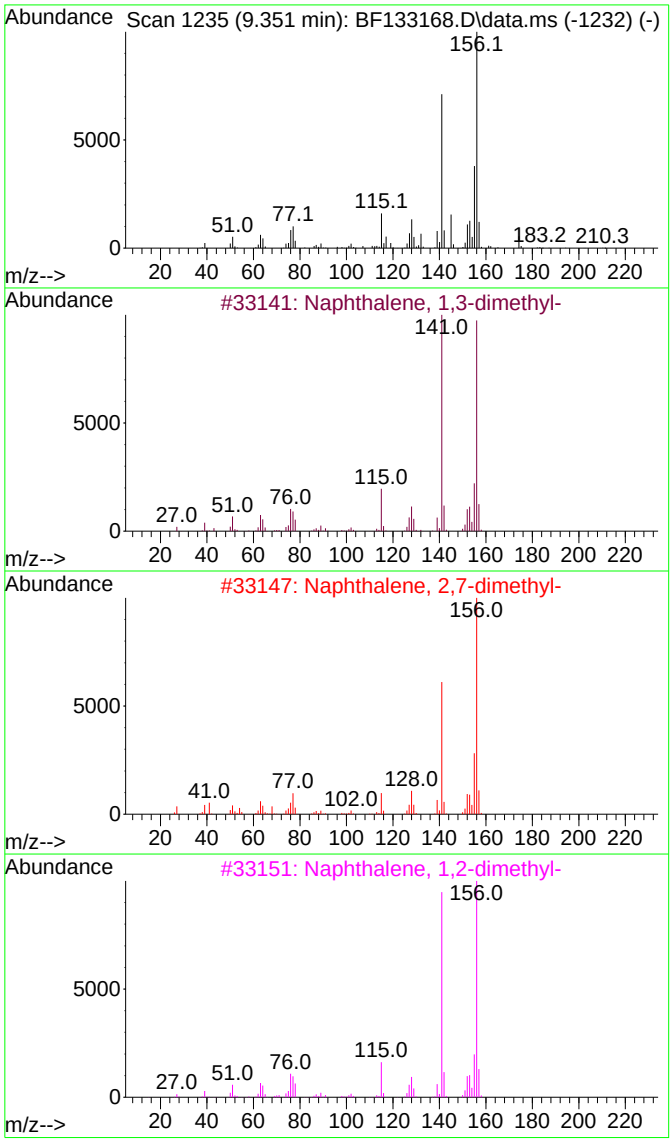
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

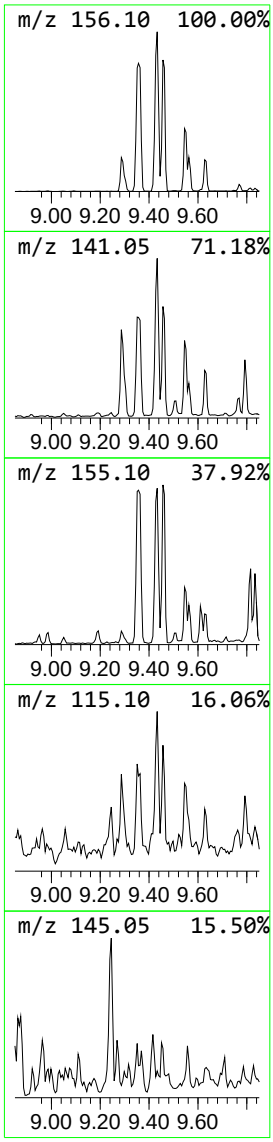
****

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	30.82 ng	2487320	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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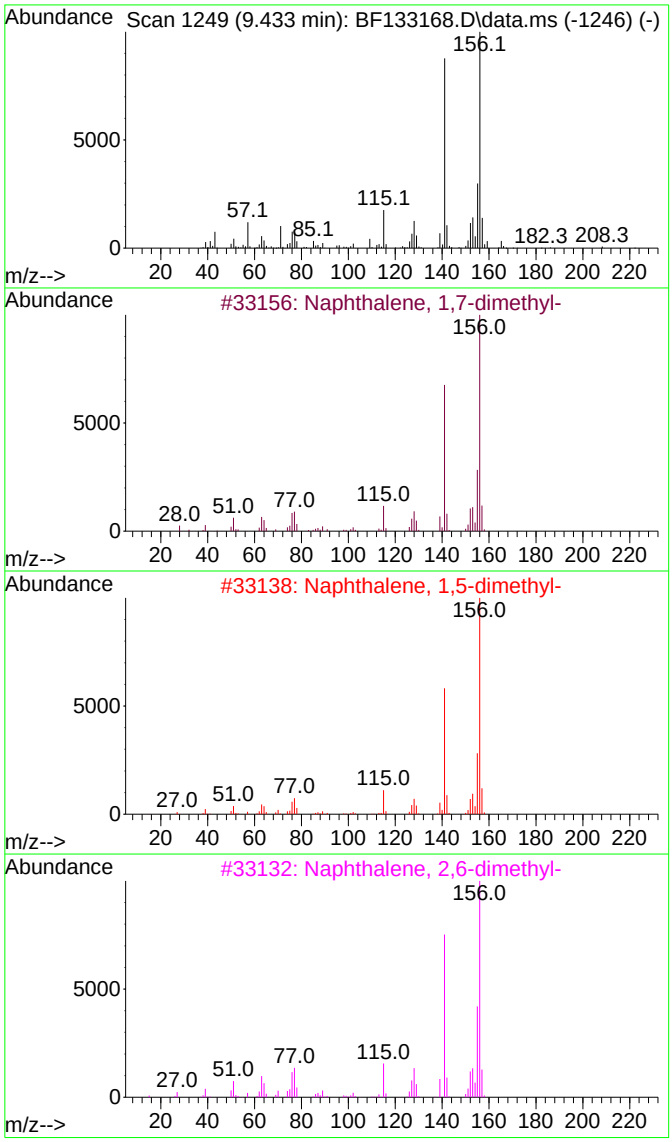
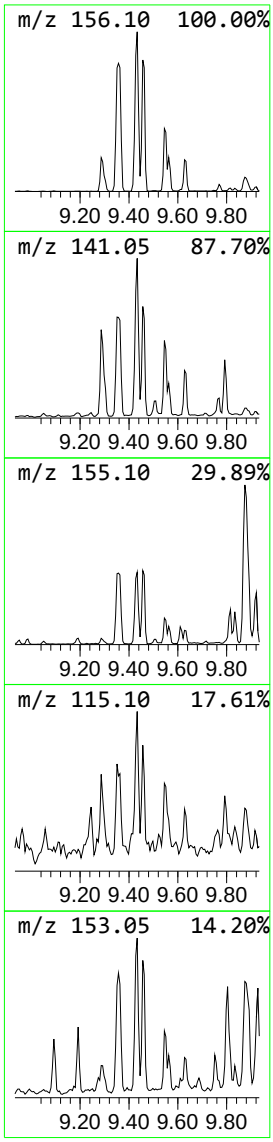
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	33.43 ng	2697860	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Misc :
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Instrument :
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ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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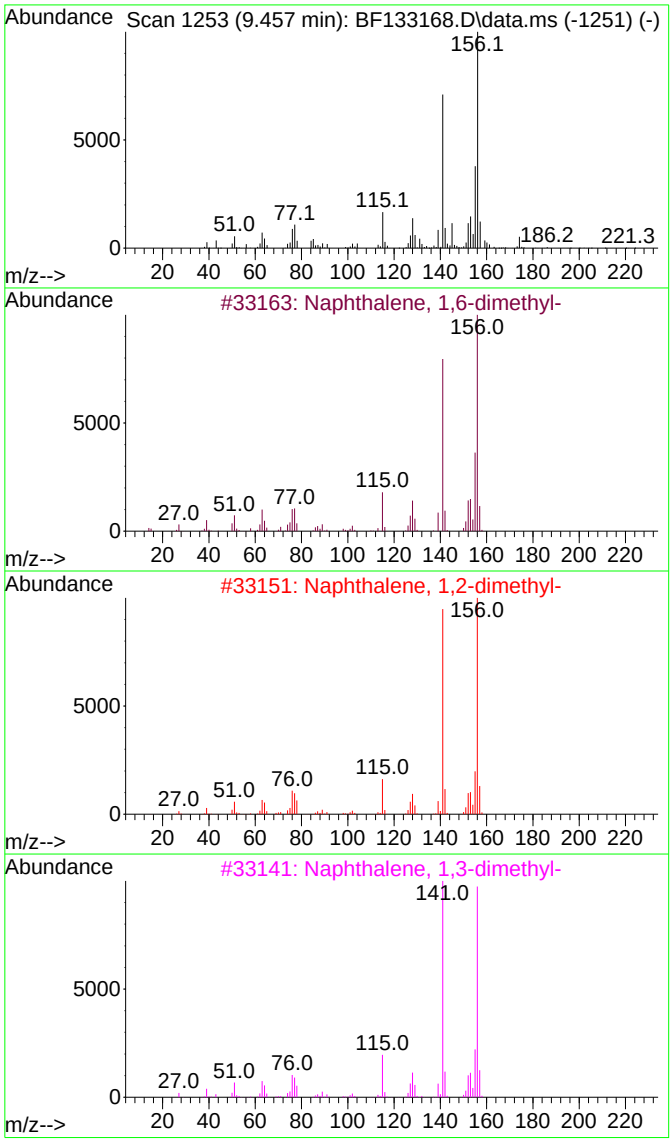
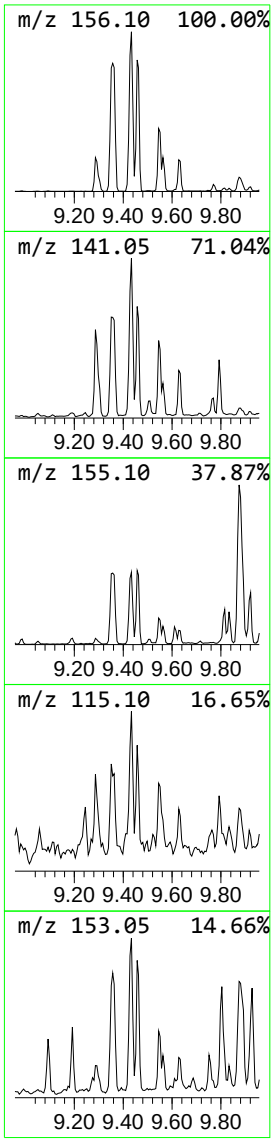
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	24.11 ng	1945710	Acenaphthene-d10	9.769

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





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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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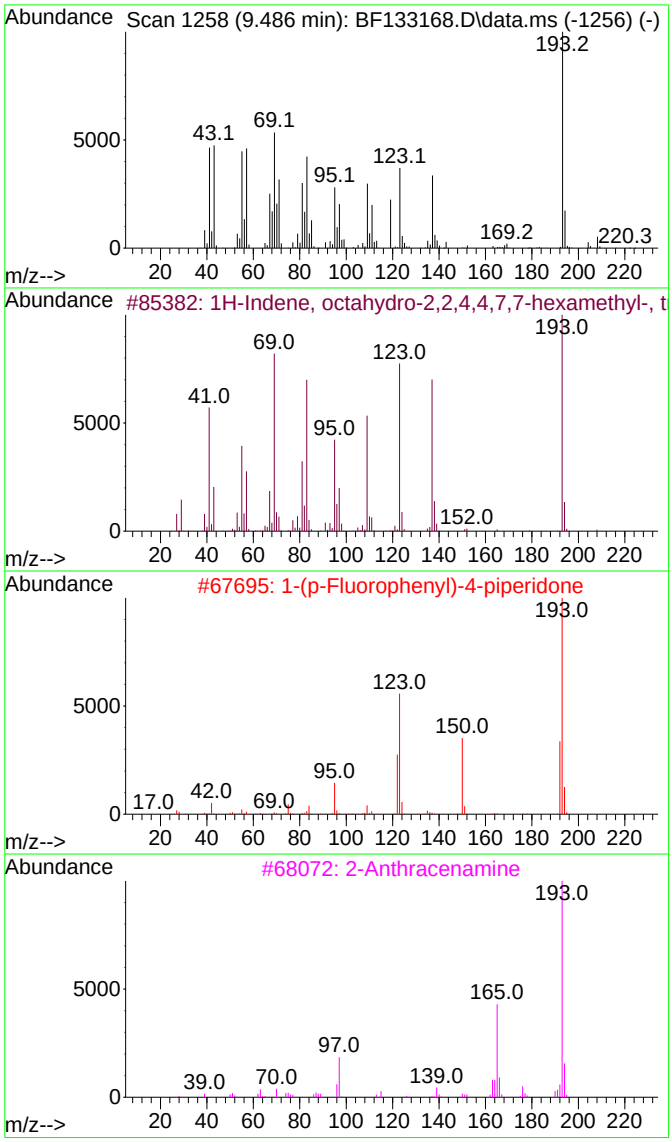
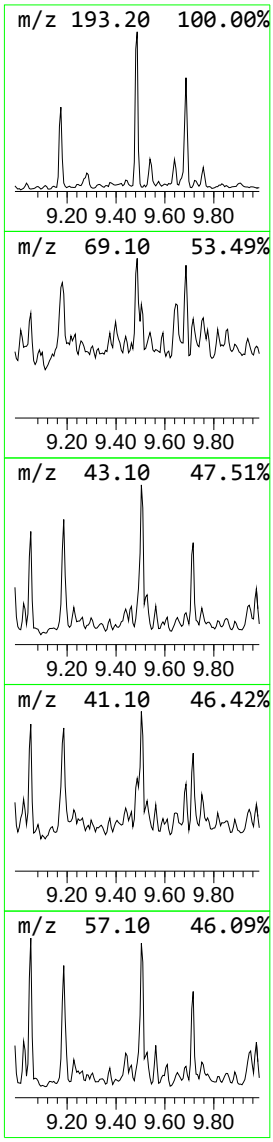
Peak Number 8 unknown9.486 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	16.77 ng	1353220	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	47
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	2-Anthracenamine	193	C14H11N	000613-13-8	27
4	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	27
5	3-Phenylindole	193	C14H11N	001504-16-1	25





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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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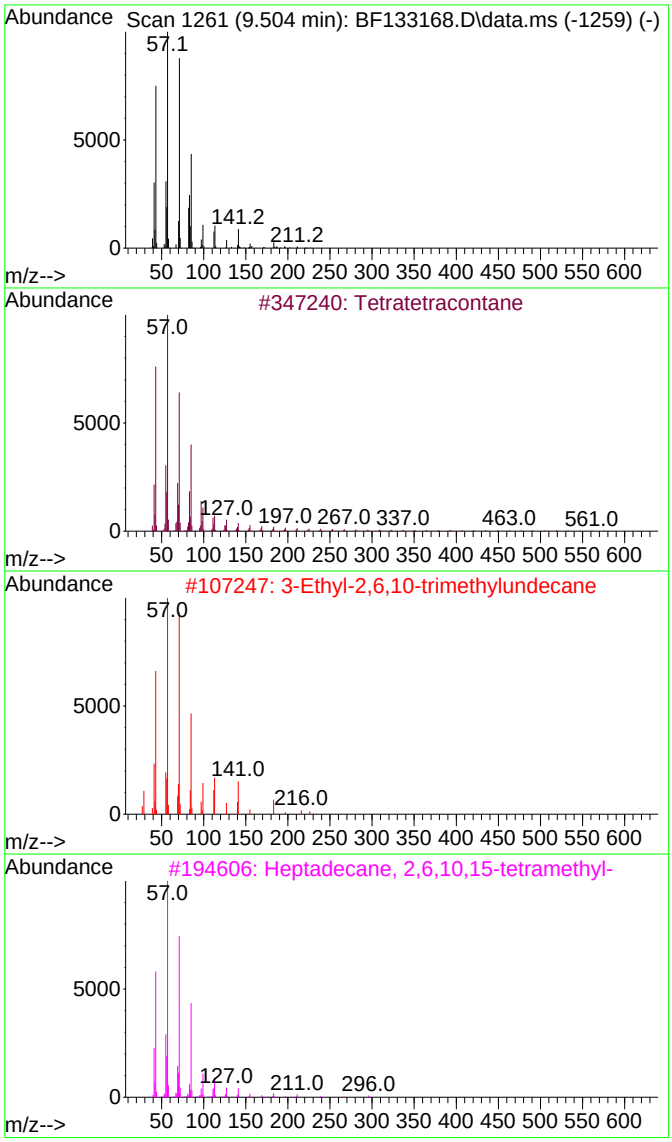
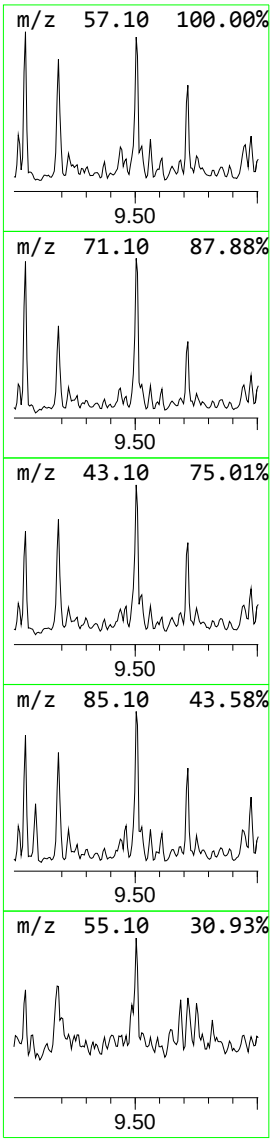
Peak Number 9 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	34.89 ng	2815690	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4	Decane, 5-propyl-	184	C13H28	017312-62-8	81
5	Nonadecane	268	C19H40	000629-92-5	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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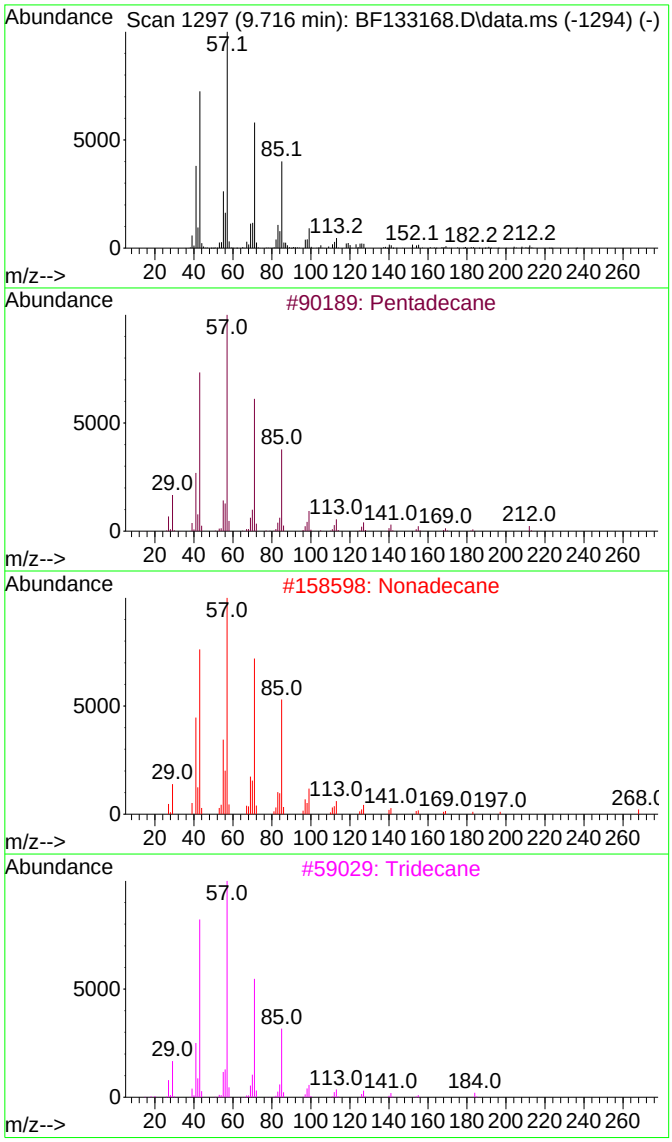
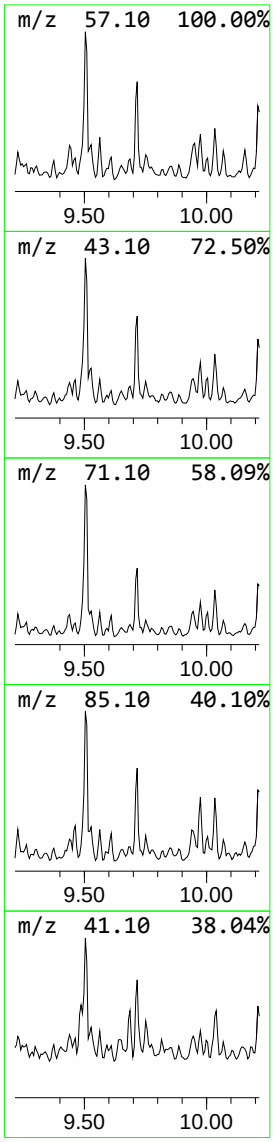
Peak Number 10 Pentadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.716	19.98 ng	1612070	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tridecane	184	C13H28	000629-50-5	86
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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

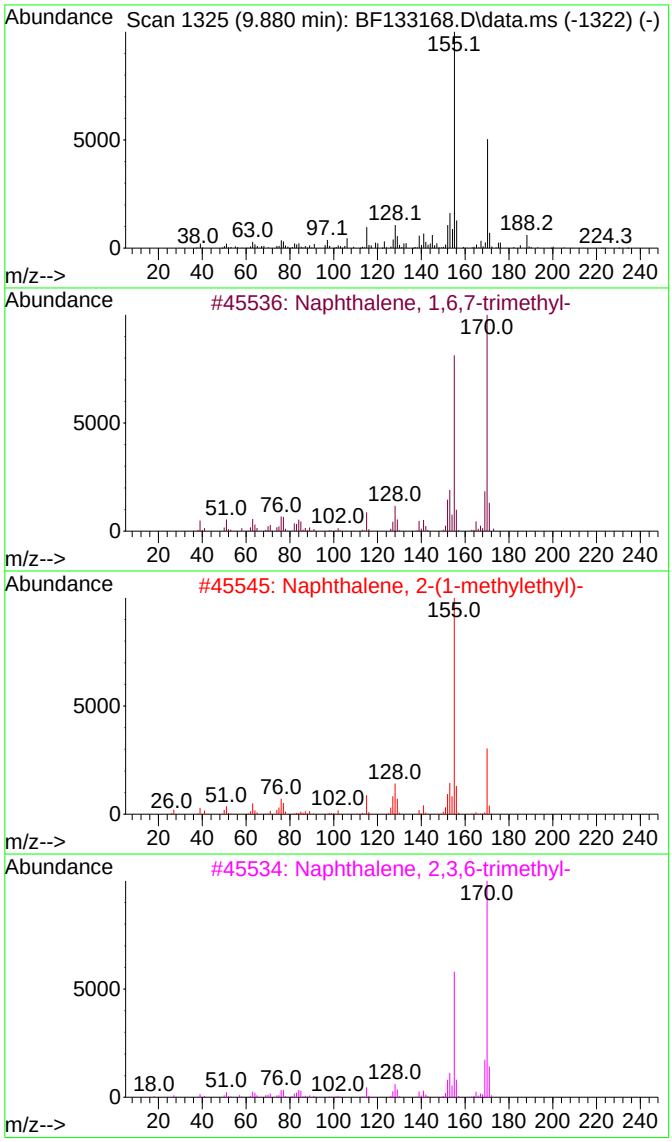
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

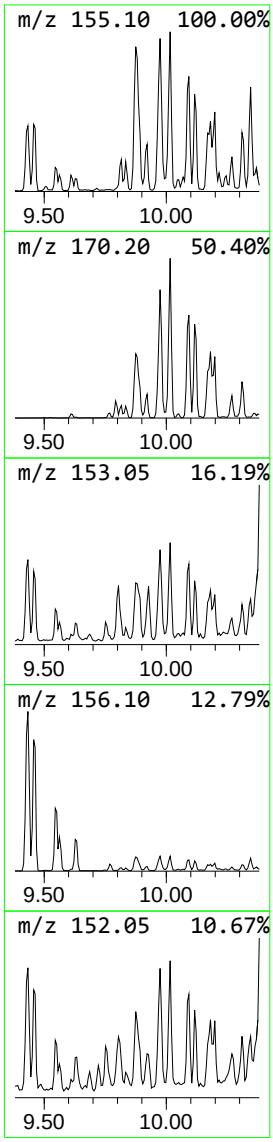
****

Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.880	19.41 ng	1566570	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	92
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72





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Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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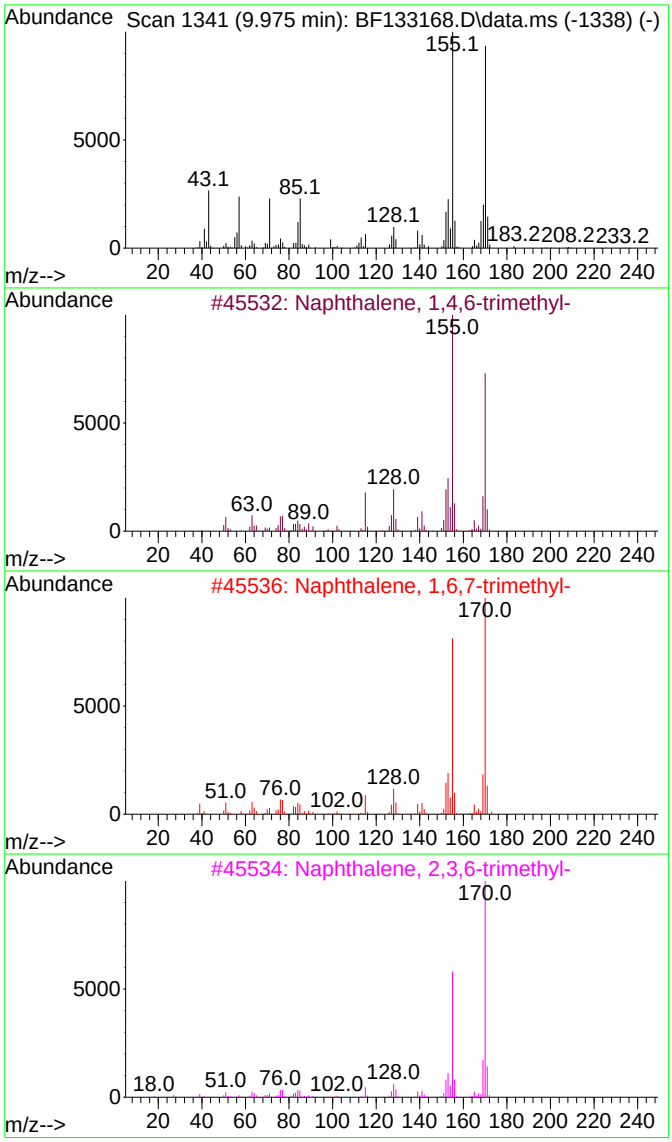
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

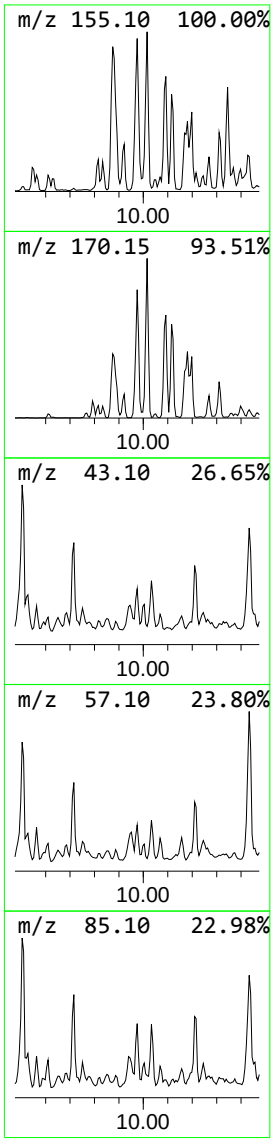
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.975	26.31 ng	2123430	Acenaphthene-d10	9.769

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





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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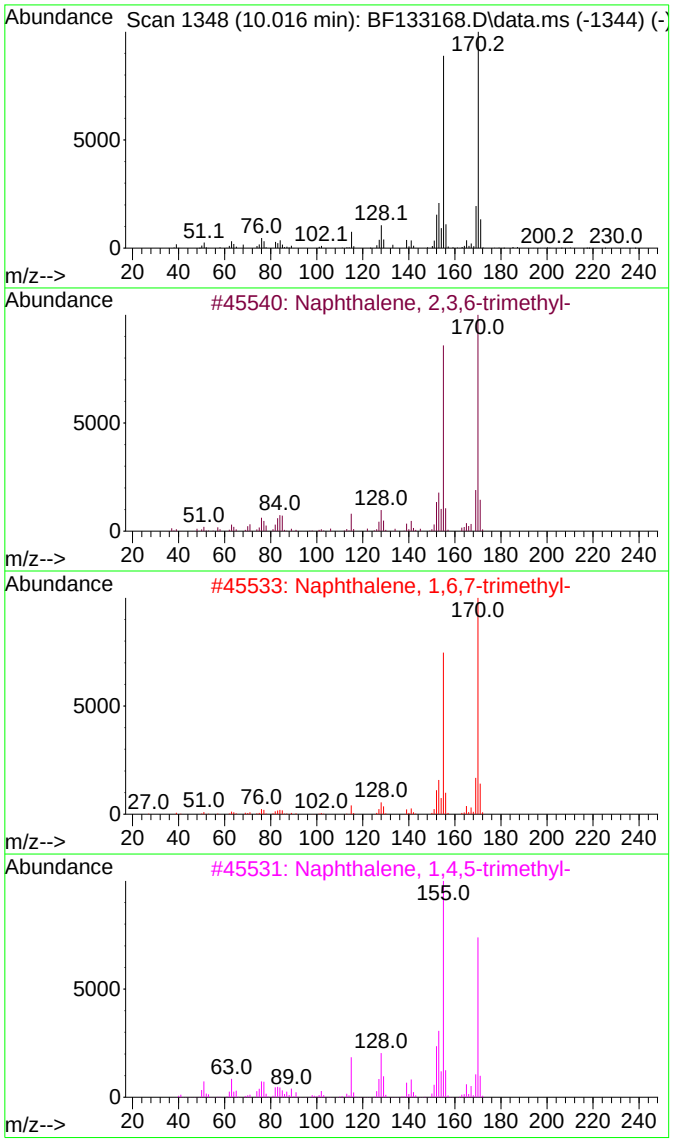
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

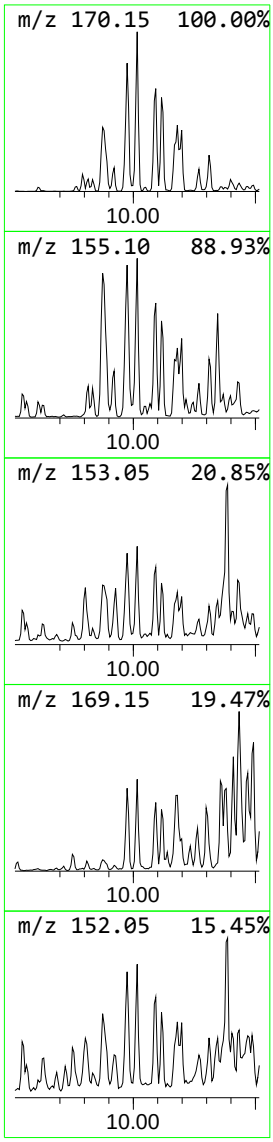
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	20.29 ng	1637090	Acenaphthene-d10	9.769

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, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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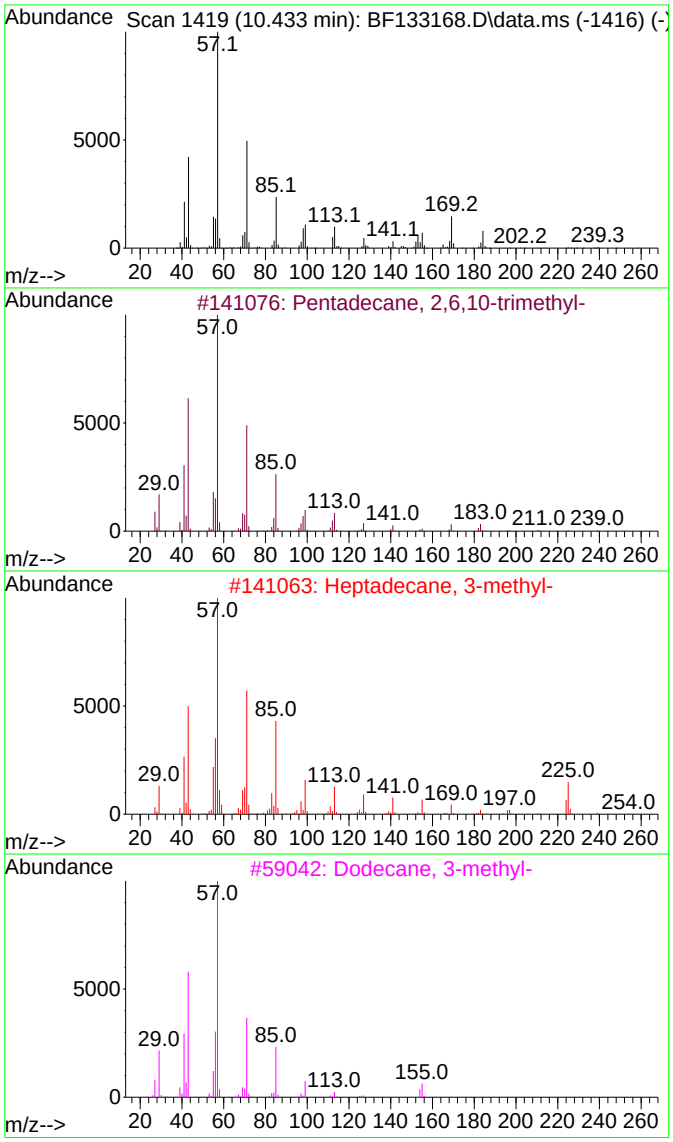
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

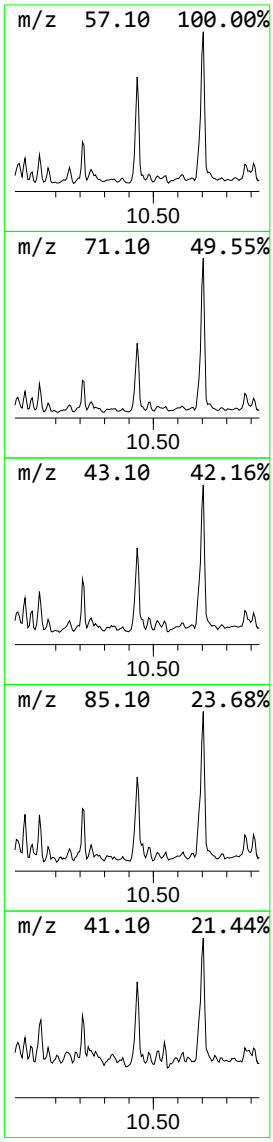
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.433	33.37 ng	2693180	Acenaphthene-d10	9.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Heptadecane, 3-methyl-	254	C18H38	006418-44-6	76
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	53
4	Hexadecane	226	C16H34	000544-76-3	53
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	53





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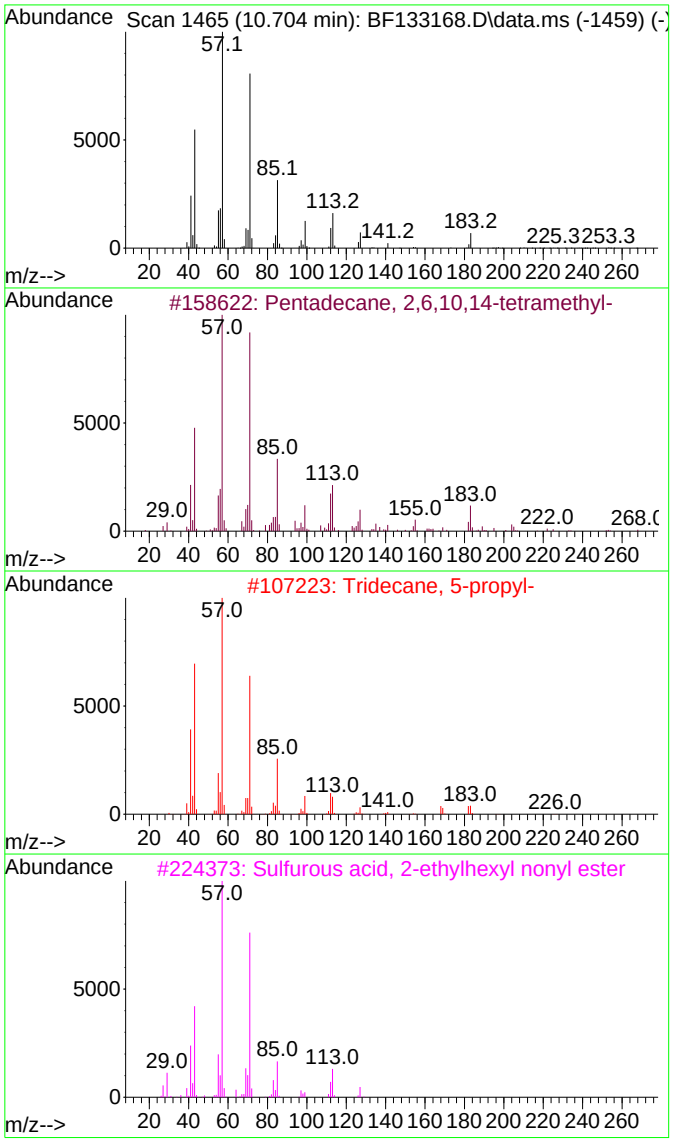
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

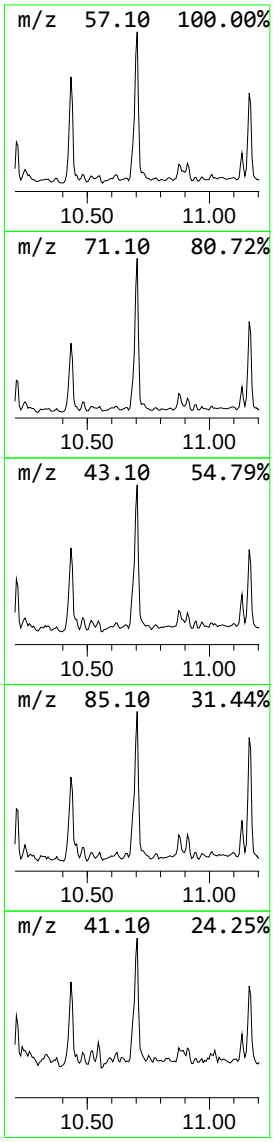
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.704	108.14 ng	5305590	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72





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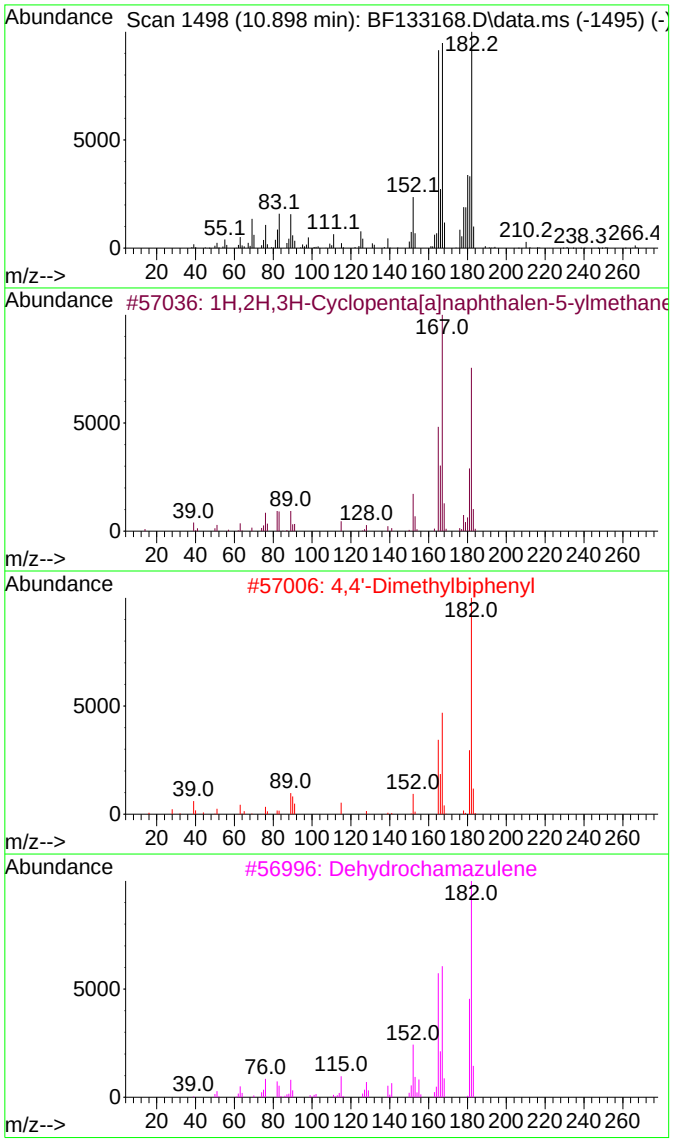
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

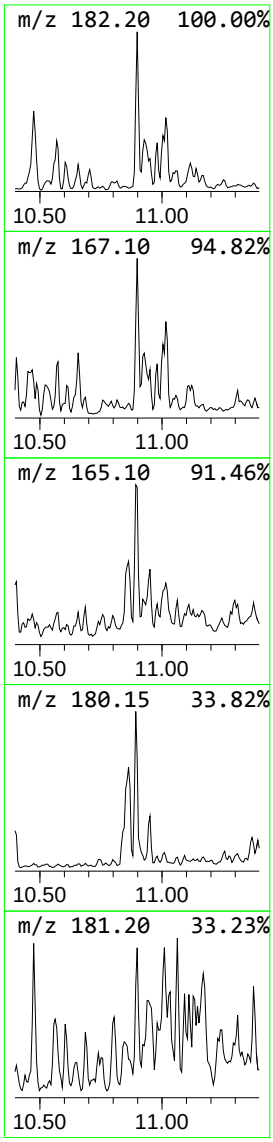
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1H,2H,3H-Cyclopenta[a]napht... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.898	16.74 ng	821357	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	94
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	74
3	Dehydrochamazulene	182	C14H14	321732-25-6	60
4	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	58
5	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	58





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Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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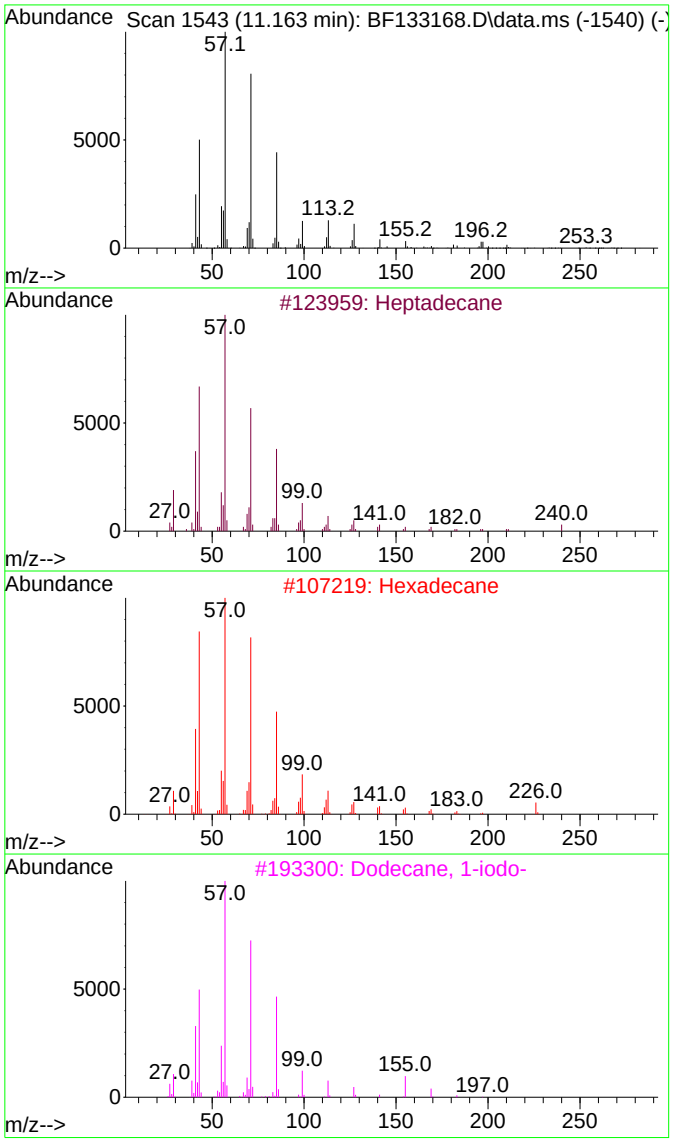
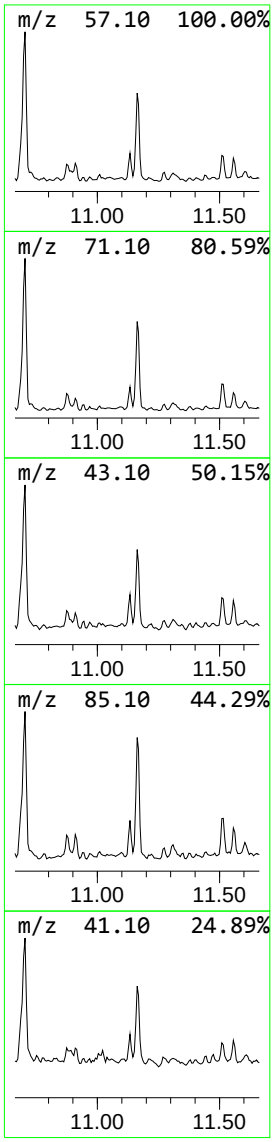
Peak Number 17 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	64.95 ng	3186320	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4	Decane, 3-methyl-	156	C11H24	013151-34-3	72
5	Decane, 2-methyl-	156	C11H24	006975-98-0	68





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Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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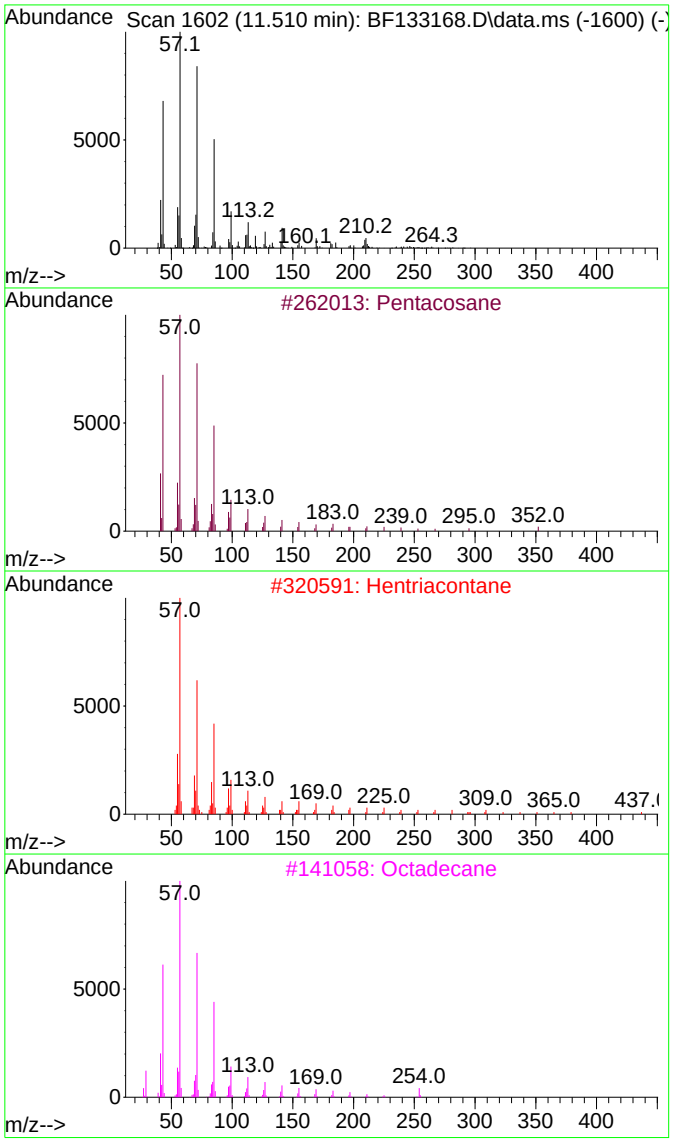
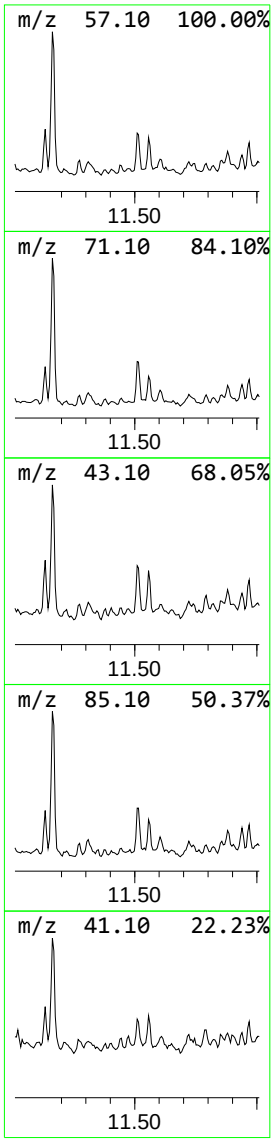
Peak Number 18 Pentacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.510	16.80 ng	824110	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Octadecane	254	C18H38	000593-45-3	86
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	86
5	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	83





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Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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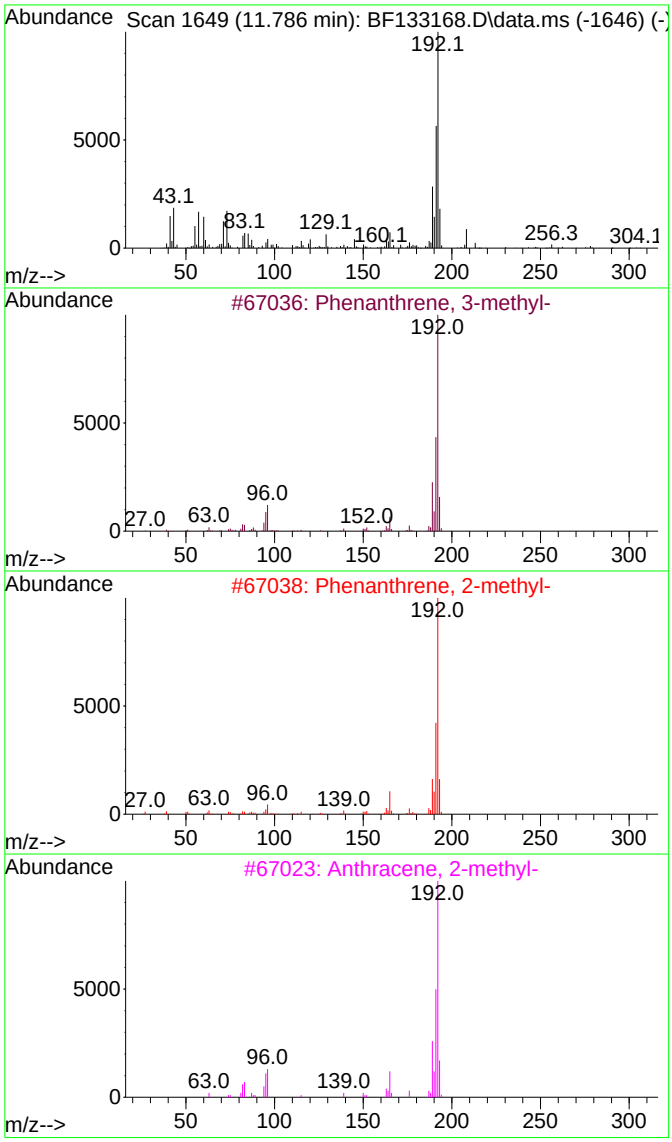
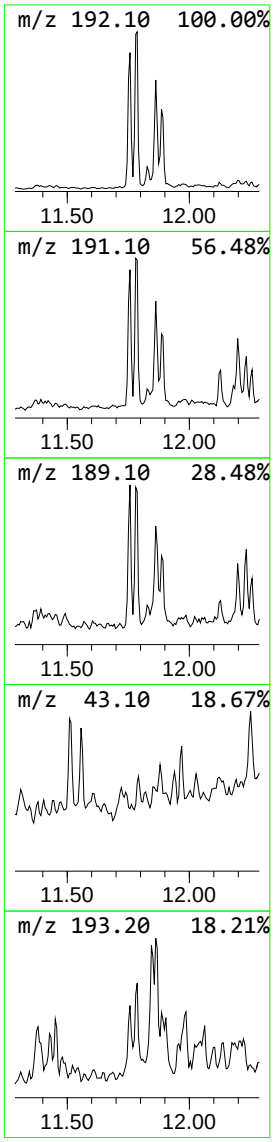
Peak Number 19 Phenanthrene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	18.01 ng	883537	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	89
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	76





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Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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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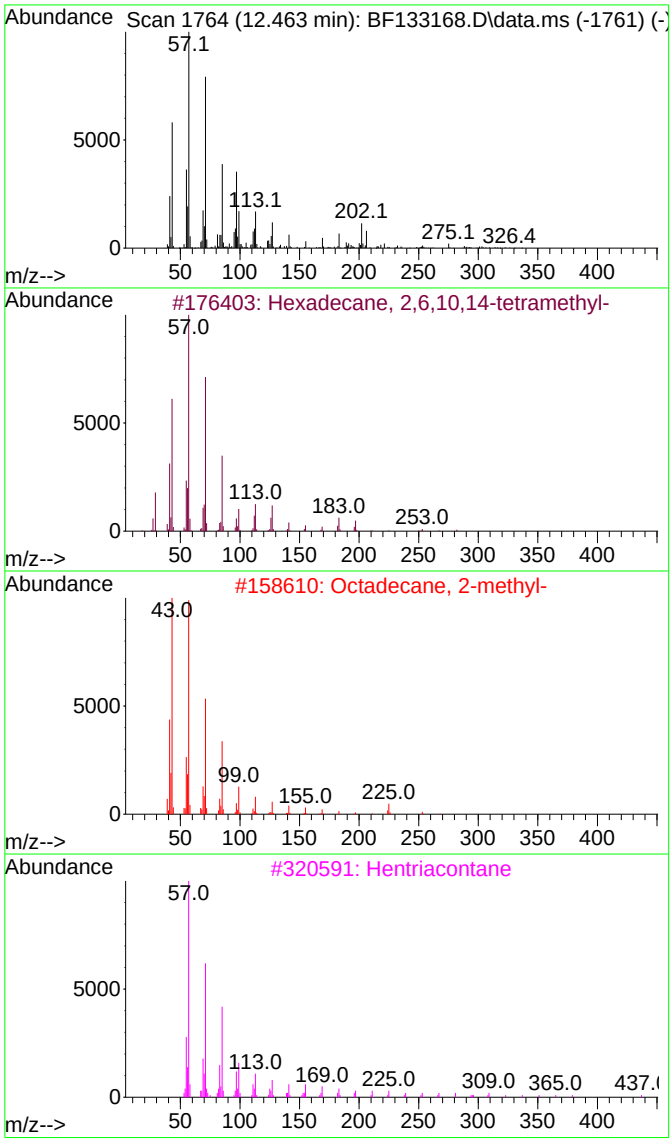
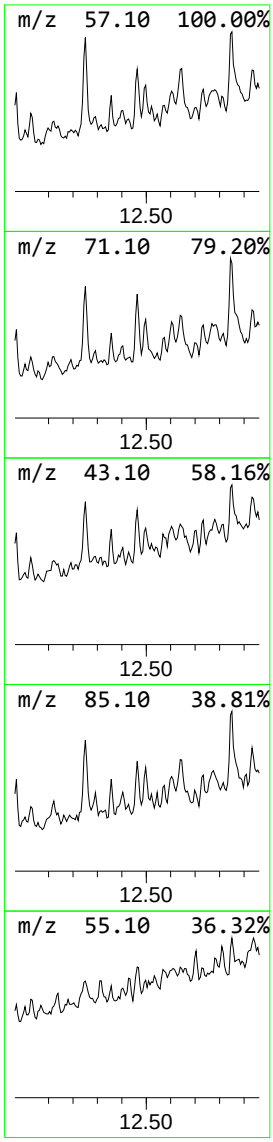
Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	20.50 ng	1005740	Phenanthrene-d10	11.251

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	72
3	Hentriacontane	437	C31H64	000630-04-6	72
4	Hexacosane	366	C26H54	000630-01-3	72
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050123\
Data File : BF133168.D
Acq On : 01 May 2023 21:44
Operator : CG\JU
Sample : 02558-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS011-0006-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.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
Decane	6.575	18.6	ng	1248080	1	6.728	1339170	20.0
Benzene, 1-meth...	7.010	22.7	ng	1518610	1	6.728	1339170	20.0
Benzene, 2-ethy...	7.057	28.6	ng	1918010	1	6.728	1339170	20.0
Benzene, 1-meth...	7.128	21.4	ng	1431340	1	6.728	1339170	20.0
Naphthalene, 1,...	9.351	30.8	ng	2487320	3	9.769	1614080	20.0
Naphthalene, 1,...	9.433	33.4	ng	2697860	3	9.769	1614080	20.0
Naphthalene, 1,...	9.457	24.1	ng	1945710	3	9.769	1614080	20.0
unknown9.486	9.486	16.8	ng	1353220	3	9.769	1614080	20.0
Tetratetracontane	9.504	34.9	ng	2815690	3	9.769	1614080	20.0
Pentadecane	9.716	20.0	ng	1612070	3	9.769	1614080	20.0
Naphthalene, 1,...	9.880	19.4	ng	1566570	3	9.769	1614080	20.0
Naphthalene, 1,...	9.975	26.3	ng	2123430	3	9.769	1614080	20.0
Naphthalene, 2,...	10.016	20.3	ng	1637090	3	9.769	1614080	20.0
Pentadecane, 2,...	10.433	33.4	ng	2693180	3	9.769	1614080	20.0
Pentadecane, 2,...	10.704	108.1	ng	5305590	4	11.251	981215	20.0
1H,2H,3H-Cyclop...	10.898	16.7	ng	821357	4	11.251	981215	20.0
Heptadecane	11.163	65.0	ng	3186320	4	11.251	981215	20.0
Pentacosane	11.510	16.8	ng	824110	4	11.251	981215	20.0
Phenanthrene, 3...	11.786	18.0	ng	883537	4	11.251	981215	20.0
Hexadecane, 2,6...	12.463	20.5	ng	1005740	4	11.251	981215	20.0