LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-737

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.140	3	8	20	rVB	594472	915720	25.50%	1.388%
2	2.252	20	27	39	rVB	23148	38811	1.08%	0.059%
3	5.087	504	509	525	rVB	97831	155405	4.33%	0.236%
4	5.499	575	579	595	rVB	882202	1255824	34.97%	1.904%
5	5.887	636	645	649	rBV4	44353	80716	2.25%	0.122%
6	5.934	649	653	661	rVV2	26191	52795	1.47%	0.080%
7	6.022	661	668	672	rVV4	46566	86539	2.41%	0.131%
8	6.116	678	684	690	rBV3	126556	243832	6.79%	0.370%
9	6.169	690	693	696	rVB	49371	59132	1.65%	0.090%
10	6.298	710	715	719	rBV2	89028	140368	3.91%	0.213%
11	6.357	719	725	728	rVV4	66385	108187	3.01%	0.164%
12	6.398	728	732	739	rBV3	82334	146708	4.09%	0.222%
13	6.510	743	751	759	rBV	937113	1474290	41.05%	2.235%
14	6.604	763	767	771	rBV3	87312	156756	4.37%	0.238%
15	6.640	771	773	779	rVB3	81912	127208	3.54%	0.193%
16	6.704	779	784	785	rBV3	69223	97565	2.72%	0.148%
17	6.828	794	805	807	rBV5	109647	284939	7.93%	0.432%
18	6.869	808	812	816	rVB2	561811	738715	20.57%	1.120%
19	6.916	816	820	824	rBV2	84068	119468	3.33%	0.181%
20	6.975	824	830	832	rBV3	105790	183156	5.10%	0.278%
21	7.010	832	836	840	rVB	189343	249211	6.94%	0.378%
22	7.093	846	850	851	rBV2	64448	73570	2.05%	0.112%
23	7.134	851	857	861	rVB3	209185	354770	9.88%	0.538%
24	7.187	861	866	867	rBV3	60220	95889	2.67%	0.145%
25	7.257	873	878	881	rBV2	208081	307480	8.56%	0.466%
26	7.340	888	892	895	rBV5	59325	86254	2.40%	0.131%
27	7.398	895	902	904	rVV3	409404	678983	18.91%	1.029%
28	7.434	904	908	915	rVB	812040	1227379	34.18%	1.861%
29	7.504	915	920	924	rBV4	300268	459218	12.79%	0.696%
30	7.563	924	930	934	rBV3	231082	466712	13.00%	0.708%
31	7.640	940	943	946	rBV3	251020	275374	7.67%	0.418%
32	7.669	946	948	955	rVB4	301080	436041	12.14%	0.661%
33	7.751	956	962	965	rBV3	280493	619429	17.25%	0.939%
34	7.787	965	968	972	rVB4	287644	351679	9.79%	0.533%
35	7.887	982	985	994	rVB7	308479	589793	16.42%	0.894%
36	7.963	994	998	1003	rBV4	217516	339704	9.46%	0.515%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MH-737

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.016	1003	1007	1010	rBV2	285892	351965	9.80%	0.534%
38	8.051	1010	1013	1016	rBV3	79735	88633	2.47%	0.134%
39	8.151	1016	1030	1035	rVV4	748851	2573618	71.67%	3.902%
40	8.204	1035	1039	1042	rVV2	966108	1426523	39.72%	2.163%
41	8.234	1042	1044	1052	rVB6	344414	487659	13.58%	0.739%
42	8.298	1052	1055	1057	rBV3	157336	202899	5.65%	0.308%
43	8.345	1060	1063	1067	rVB2	377331	496127	13.82%	0.752%
44	8.434	1074	1078	1083	rVB5	548089	834190	23.23%	1.265%
45	8.534	1091	1095	1097	rBV	379179	476550	13.27%	0.723%
46	8.569	1097	1101	1106	rVV	940637	1370158	38.16%	2.077%
47	8.657	1112	1116	1119	rBV2	476980	696925	19.41%	1.057%
48	8.739	1127	1130	1133	rBV2	294610	432738	12.05%	0.656%
49	8.863	1149	1151	1154	rVB	279445	274114	7.63%	0.416%
50	8.892	1154	1156	1159	rVB2	157953	148922	4.15%	0.226%
51	8.928	1159	1162	1163	rBV2	212129	233156	6.49%	0.354%
52	8.969	1166	1169	1176	rVB5	679418	1212456	33.76%	1.838%
53	9.051	1181	1183	1187	rVB2	405341	489881	13.64%	0.743%
54	9.169	1199	1203	1208	rVB	1279746	1635542	45.55%	2.480%
55	9.228	1209	1213	1218	rVB	1229665	1648530	45.91%	2.499%
56	9.304	1222	1226	1230	rBV4	843147	1287882	35.86%	1.953%
57	9.492	1254	1258	1263	rBV	981377	1511295	42.09%	2.291%
58	9.569	1267	1271	1274	rVV	1134935	1858767	51.76%	2.818%
59	9.622	1277	1280	1284	rVV3	2040574	2972574	82.78%	4.507%
60	9.687	1288	1291	1300	rVB4	771773	1580780	44.02%	2.397%
61	9.775	1302	1306	1309	rBV2	675296	932848	25.98%	1.414%
62	9.816	1311	1313	1317	rVB3	521329	595276	16.58%	0.903%
63	10.016	1343	1347	1351	rBV	846286	1213437	33.79%	1.840%
64	10.110	1360	1363	1367	rVB	952278	1344092	37.43%	2.038%
65	10.157	1367	1371	1379	rVB2	1266079	2116101	58.93%	3.208%
66	10.228	1379	1383	1386	rBV	944671	1431704	39.87%	2.171%
67	10.257	1386	1388	1394	rVB2	669056	985191	27.43%	1.494%
68	10.316	1394	1398	1404	rBV2	782830	1627357	45.32%	2.467%
69	10.457	1418	1422	1424	rBV5	347434	573075	15.96%	0.869%
70	10.551	1435	1438	1444	rVB2	1325352	2173440	60.52%	3.295%
71	10.704	1461	1464	1468	rBV4	681305	910832	25.36%	1.381%
72	10.822	1479	1484	1491	rVB	2442531	3591014	100.00%	5.445%
73	10.898	1494	1497	1500	rBV	318958	375770	10.46%	0.570%
74	11.039	1518	1521	1533	rVB7	885810	1985728	55.30%	3.011%
75	11.286	1559	1563	1570	rVB3	1054830	1809954	50.40%	2.744%
76	11.404	1579	1583	1585	rBV	505020	706975	19.69%	1.072%

LSC Area Percent Report

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Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

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-BF112124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.516	1599	1602	1608	rVB4	251779	334112	9.30%	0.507%
78	11.633	1619	1622	1633	rVB5	484565	991951	27.62%	1.504%
79	11.904	1665	1668	1671	rBV	445988	636992	17.74%	0.966%
80	11.933	1671	1673	1677	rVB	523481	568101	15.82%	0.861%
81	12.380	1746	1749	1756	rVB	289089	512418	14.27%	0.777%
82	12.457	1758	1762	1765	rBV	414663	527702	14.70%	0.800%
83	12.863	1828	1831	1834	rVB2	137940	172478	4.80%	0.262%
84	12.904	1834	1838	1841	rVB	166513	212103	5.91%	0.322%
85	12.986	1847	1852	1860	rVB	1015283	1480201	41.22%	2.244%
86	14.051	2028	2033	2044	rVB	292479	402595	11.21%	0.610%
87	15.557	2283	2289	2297	rBV	226364	374453	10.43%	0.568%

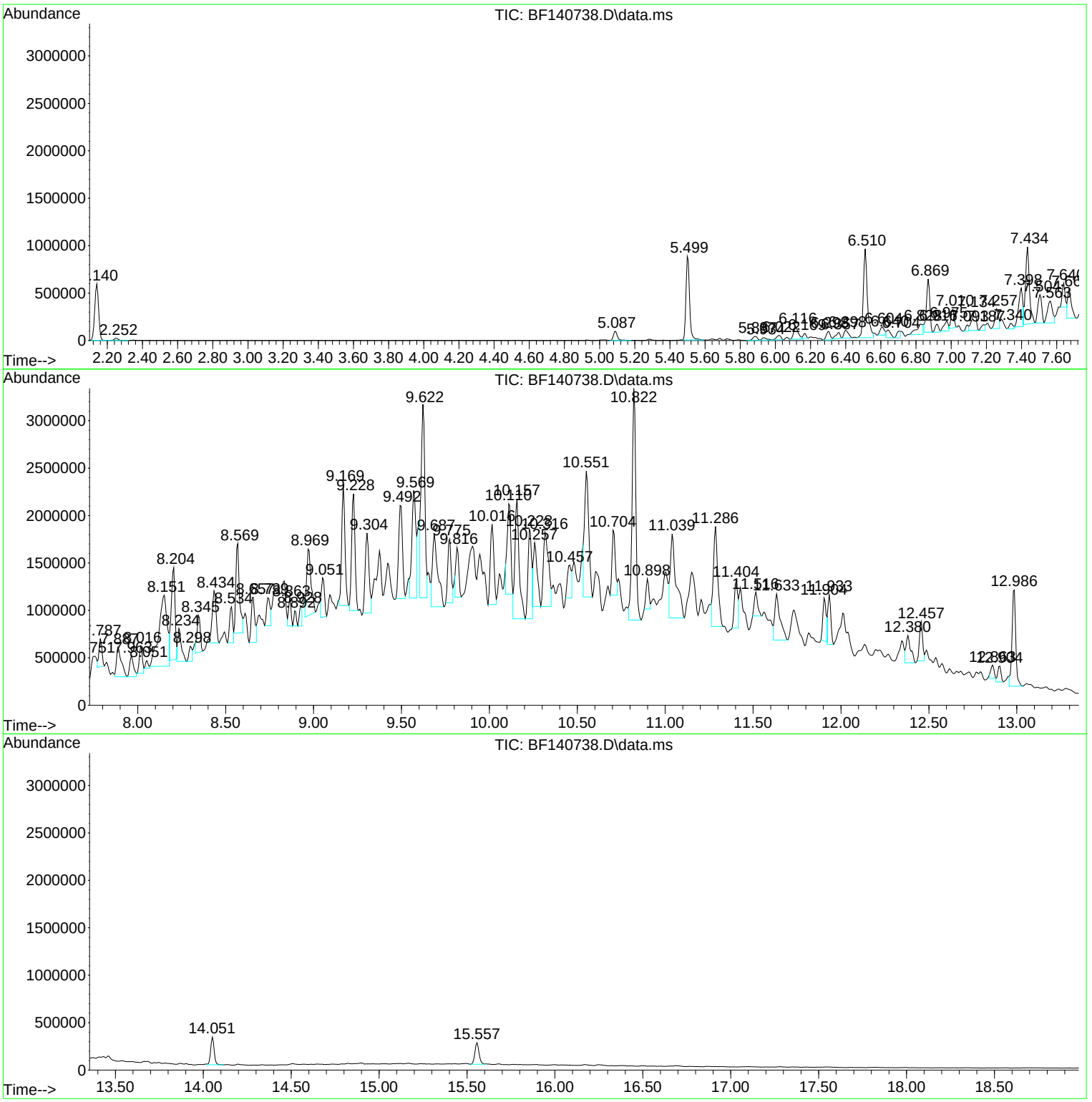
Sum of corrected areas: 65955404

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

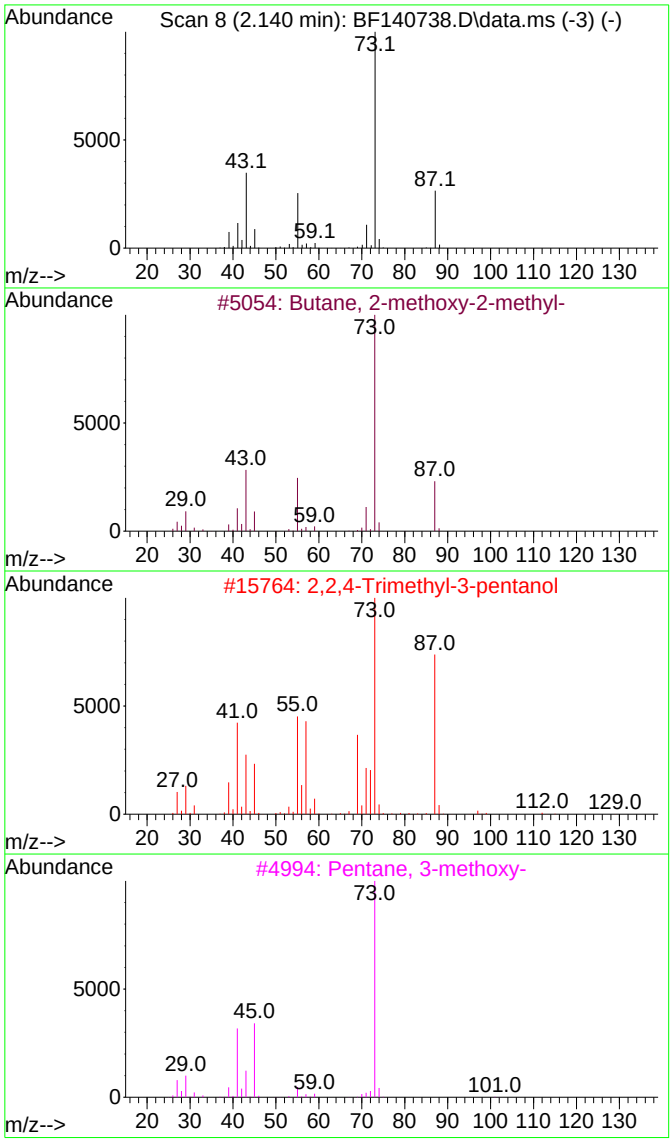
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

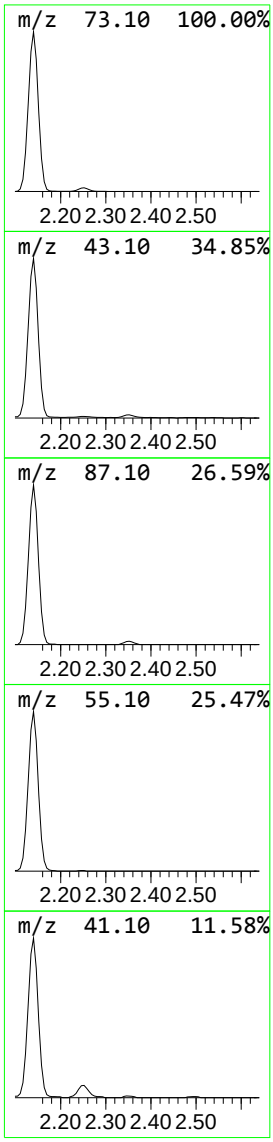
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.140	24.79 ng	915720	1,4-Dichlorobenzene-d4	6.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

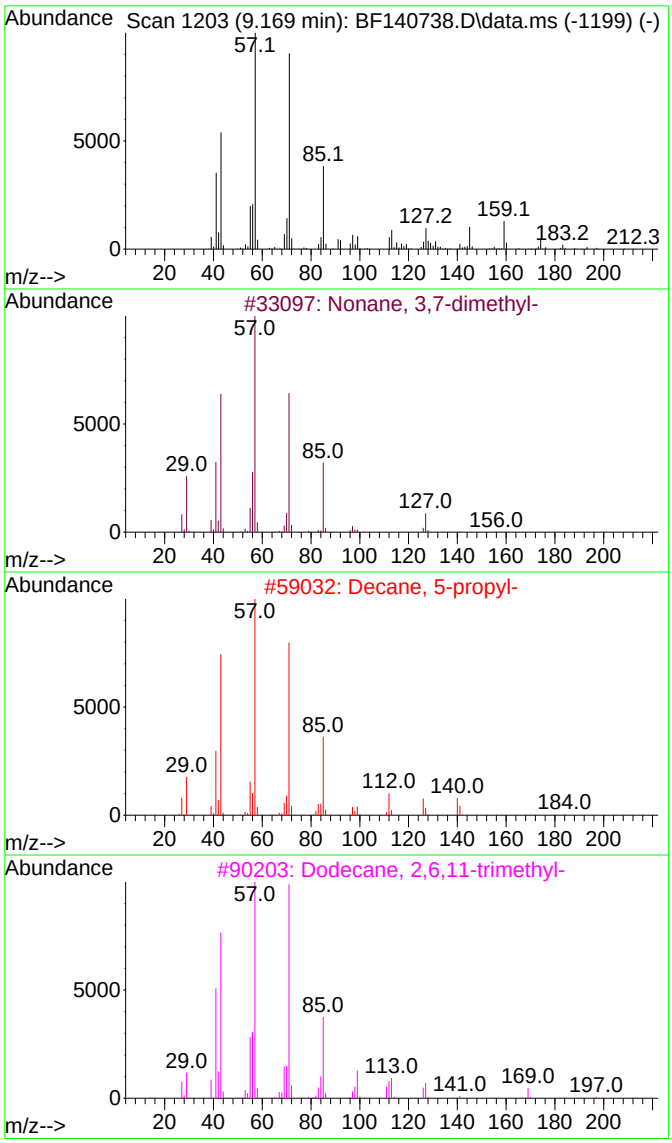
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

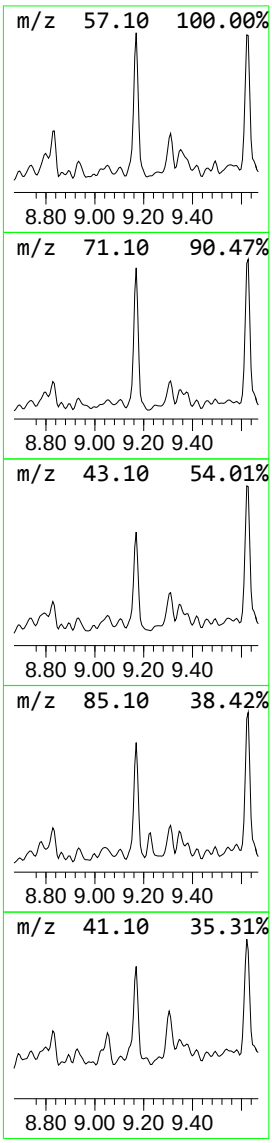
****

Peak Number 2 Nonane, 3,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.169	54.95 ng	1635540	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70
2	Decane, 5-propyl-	184	C13H28	017312-62-8	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	58
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

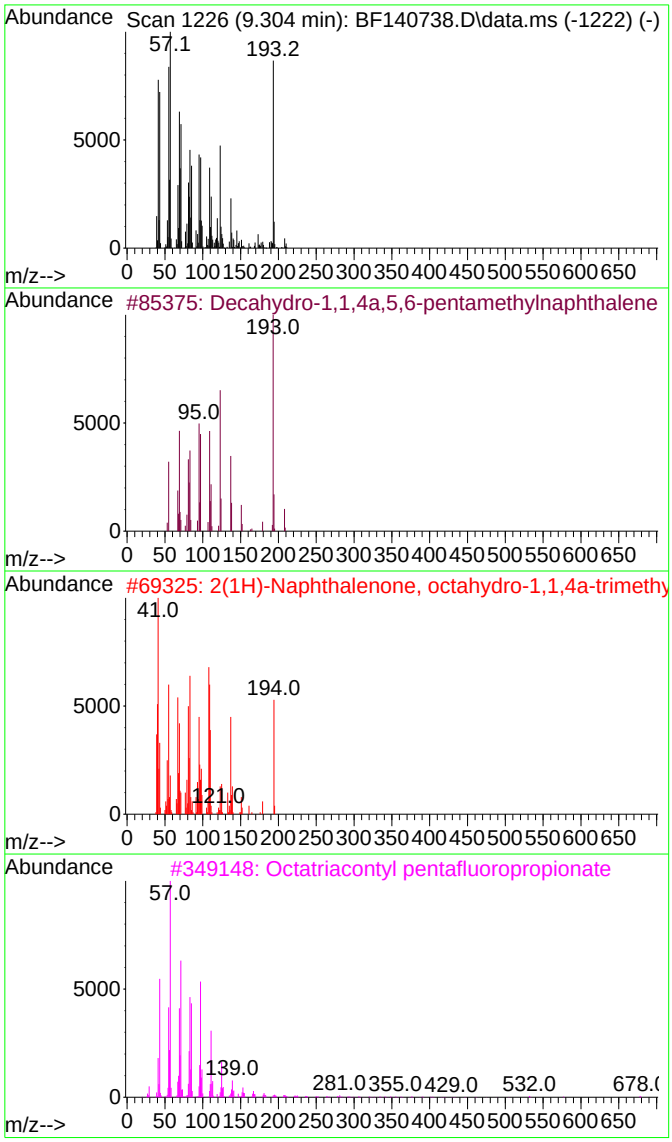
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

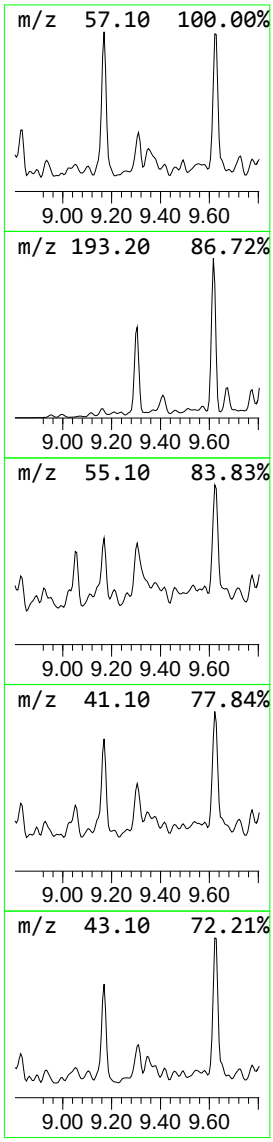
****

Peak Number 3 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.304	43.27 ng	1287880	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	80
2	2(1H)-Naphthalenone, octahydro-1...	194	C13H22O	000775-54-2	35
3	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	30
4	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	30
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

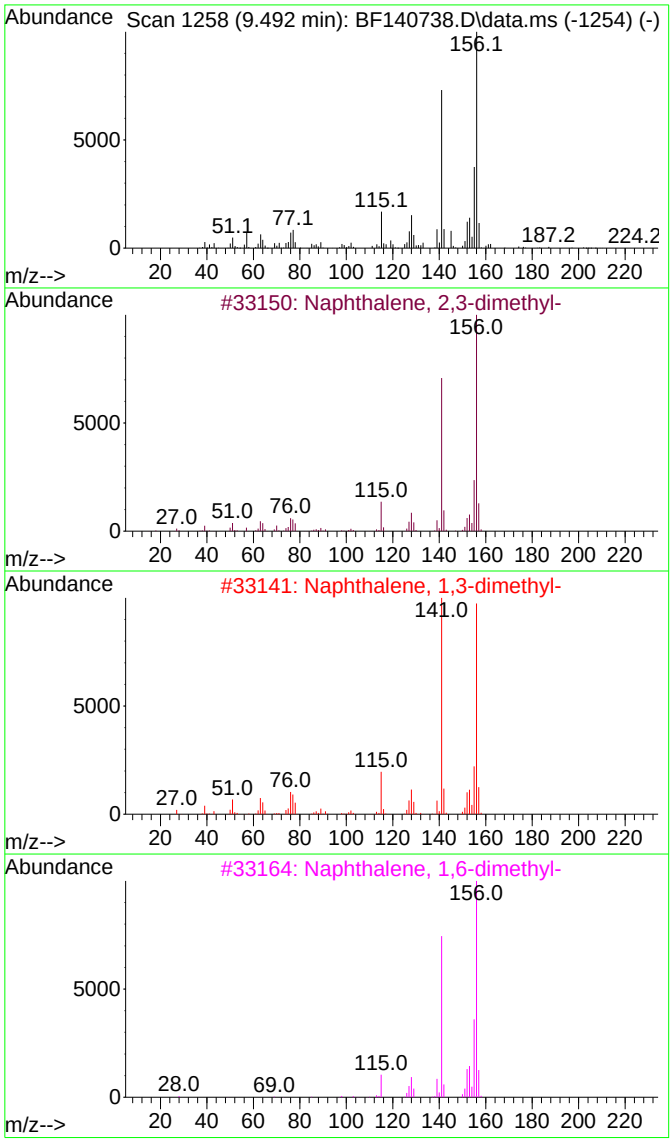
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

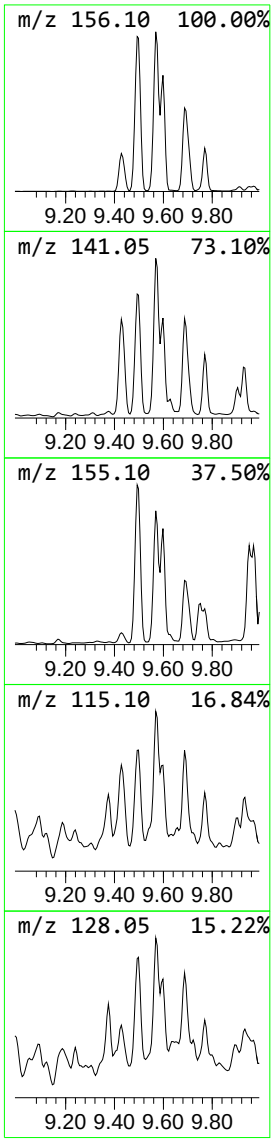
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	50.78 ng	1511300	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

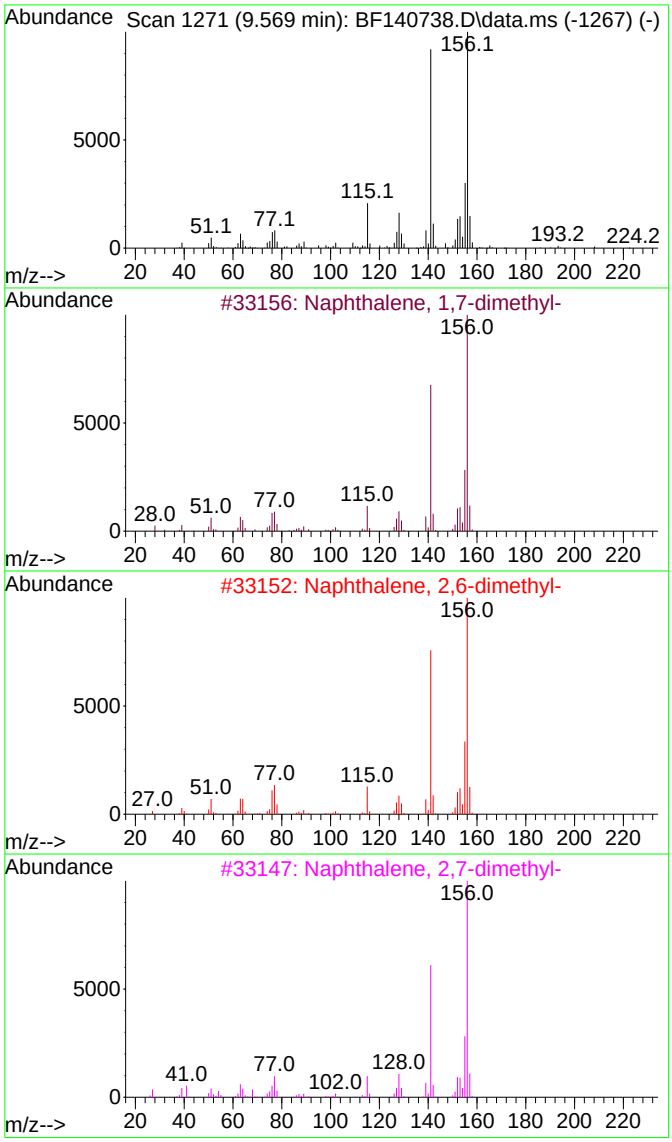
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

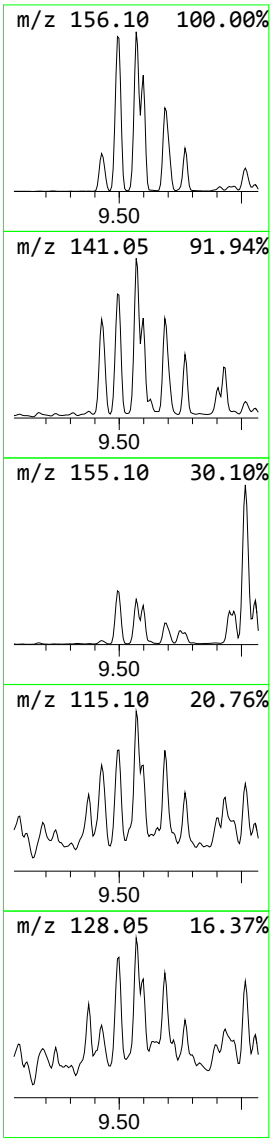
****

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	62.45 ng	1858770	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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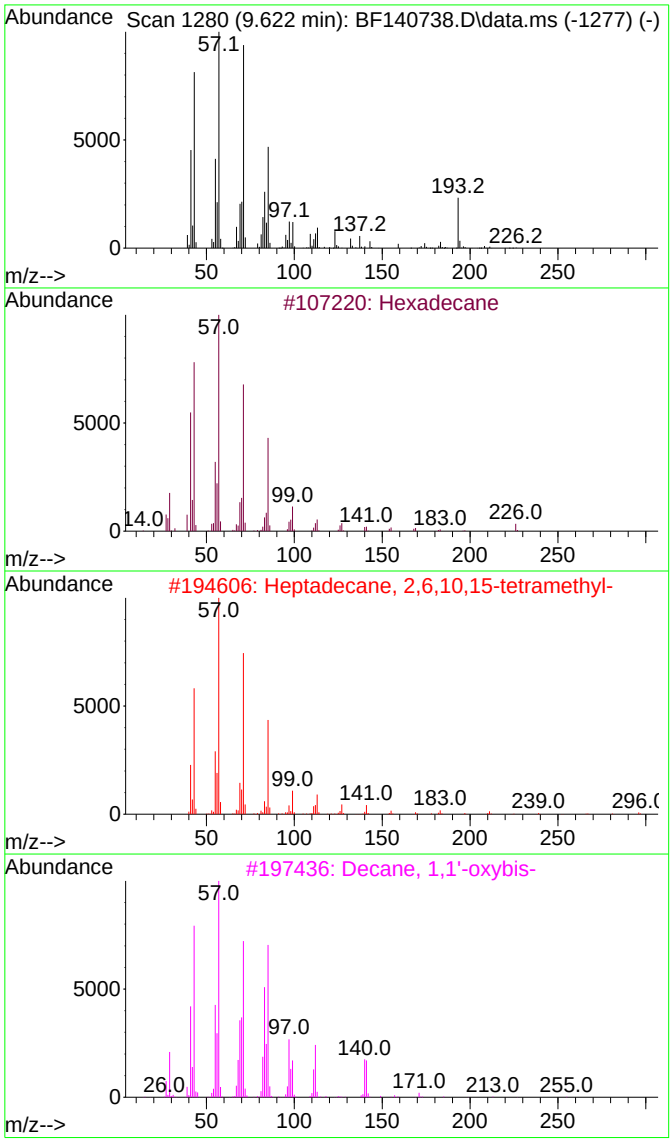
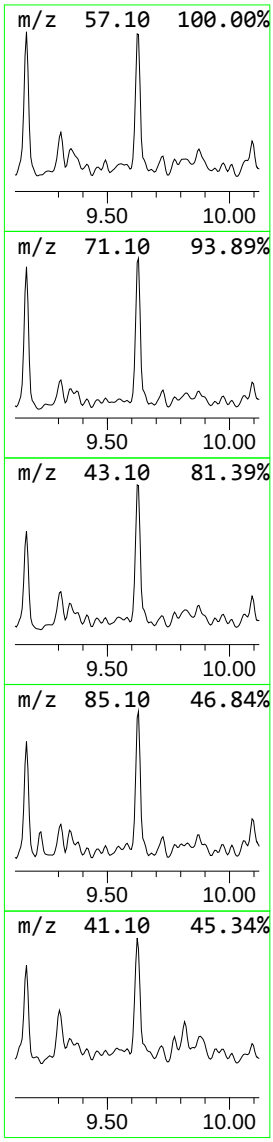
Peak Number 6 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	99.87 ng	2972570	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
3	Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	62
4	Tridecane	184	C13H28	000629-50-5	62
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	58





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Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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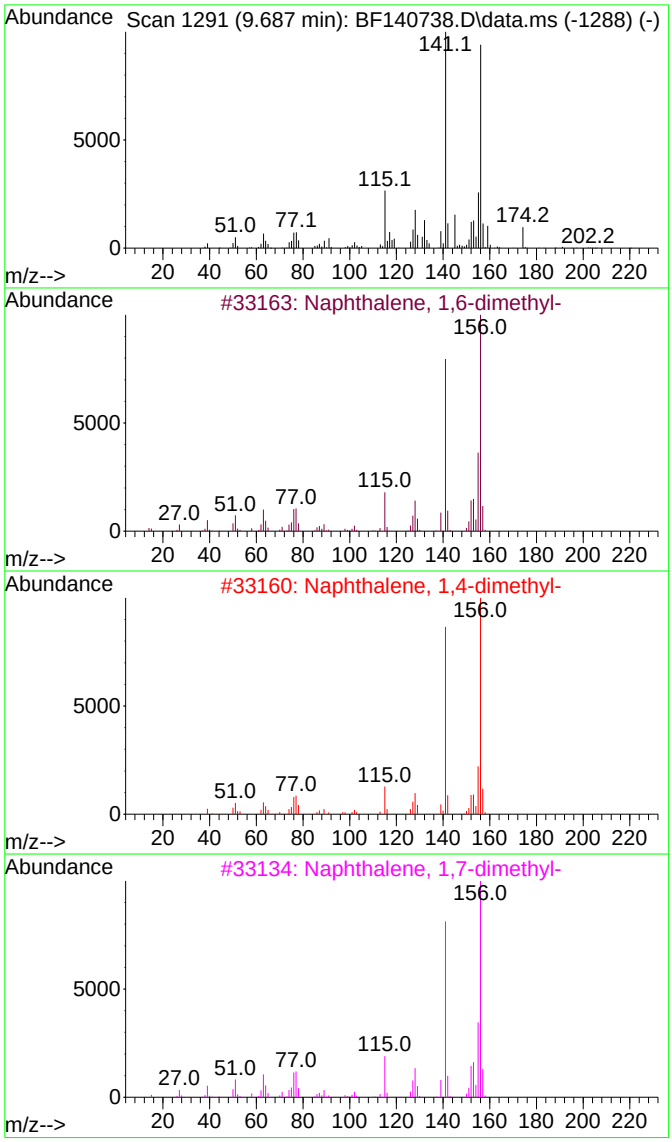
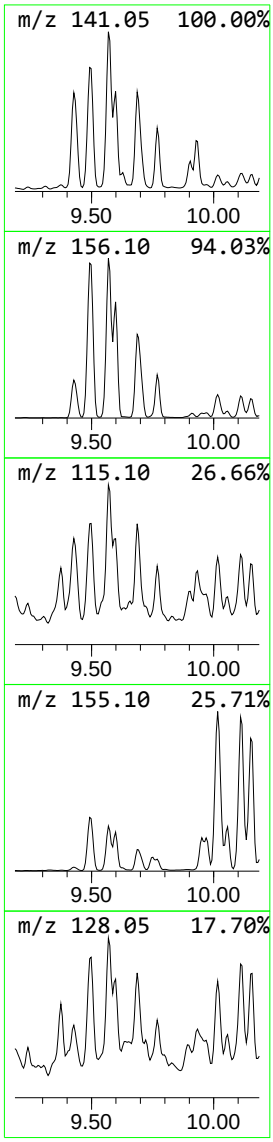
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.687	53.11 ng	1580780	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





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Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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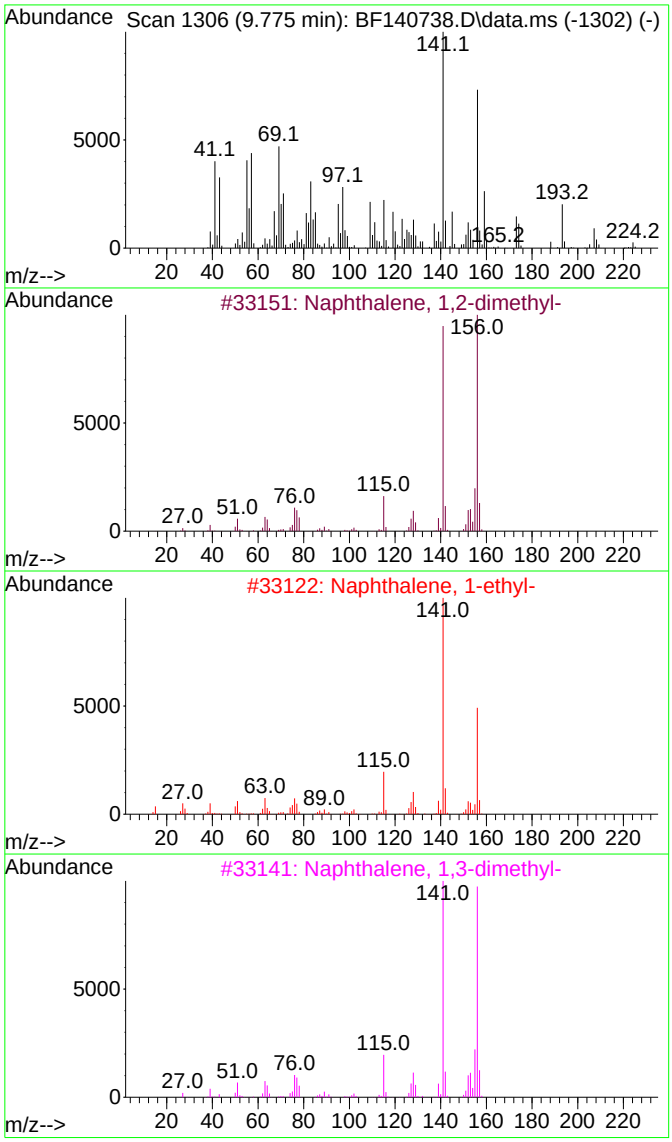
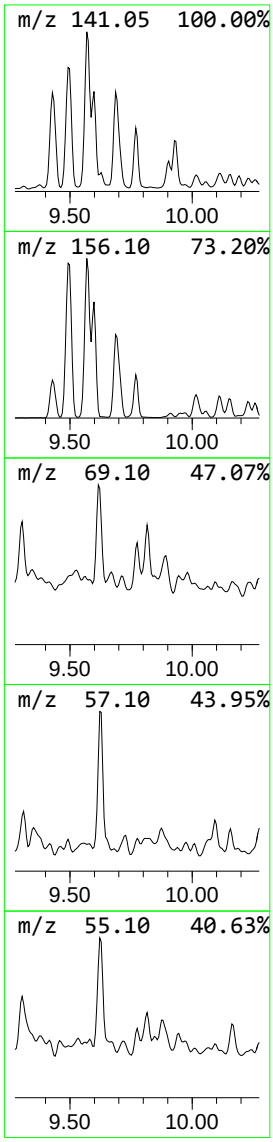
Peak Number 8 Naphthalene, 1,2-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.775	31.34 ng	932848	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	70
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	55
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	55
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	55





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Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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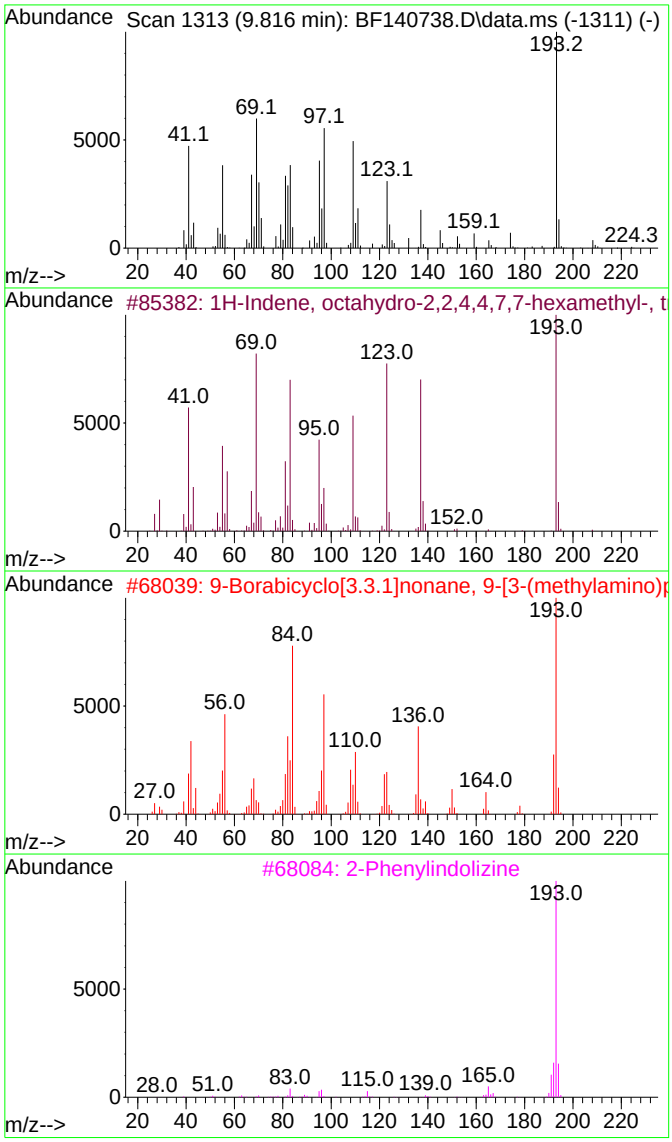
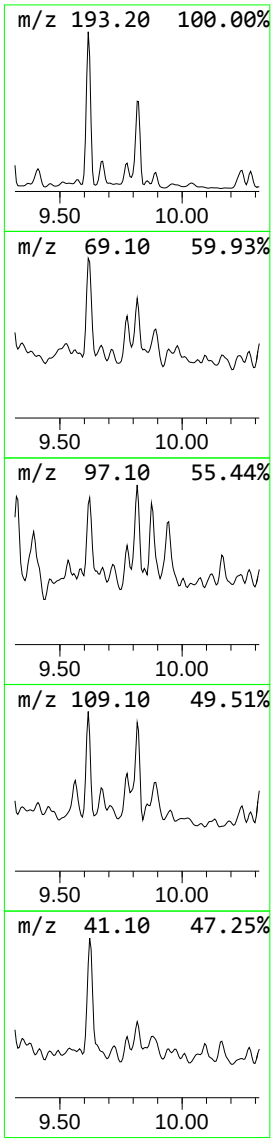
Peak Number 9 unknown9.816 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.816	20.00 ng	595276	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
2	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1010162-56-0	38
3	2-Phenylindolizine	193	C14H11N	025379-20-8	35
4	4-[(2-Fluorophenyl)methyl]piperi...	193	C12H16FN	194288-97-6	32
5	Methyl tetrahydroionol	212	C14H28O	060241-53-4	25





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Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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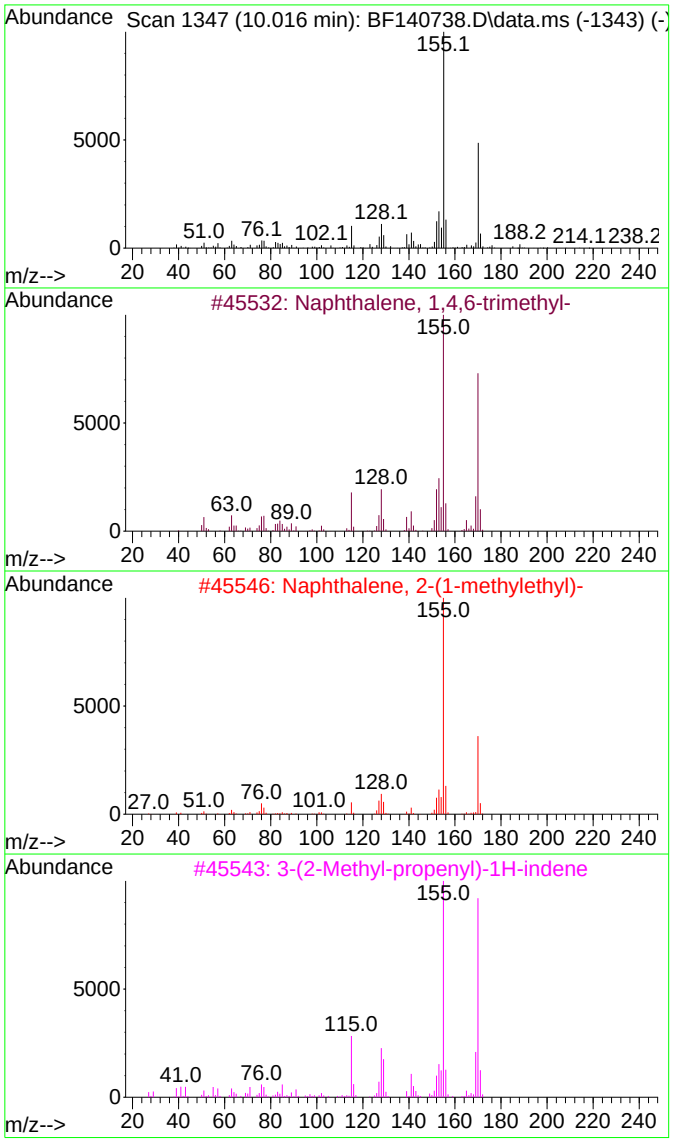
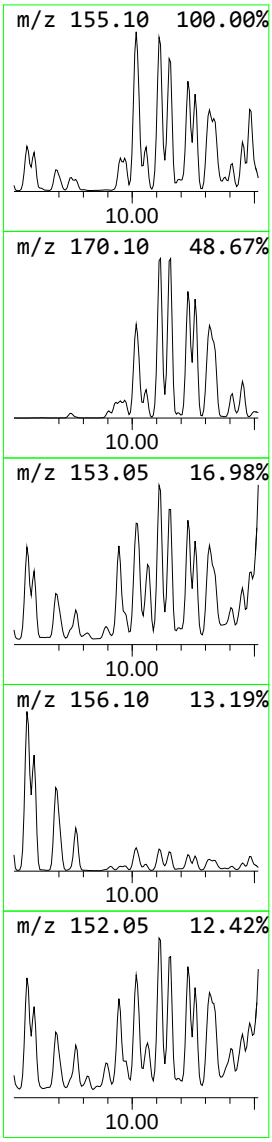
Peak Number 10 Naphthalene, 1,4,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.016	40.77 ng	1213440	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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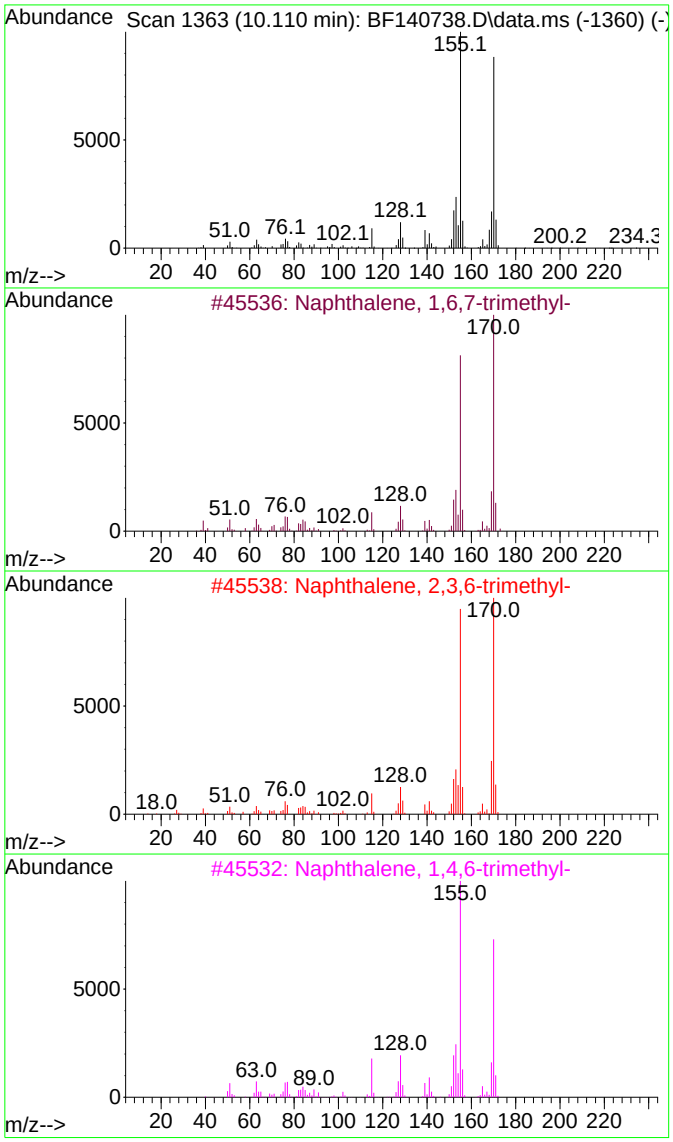
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

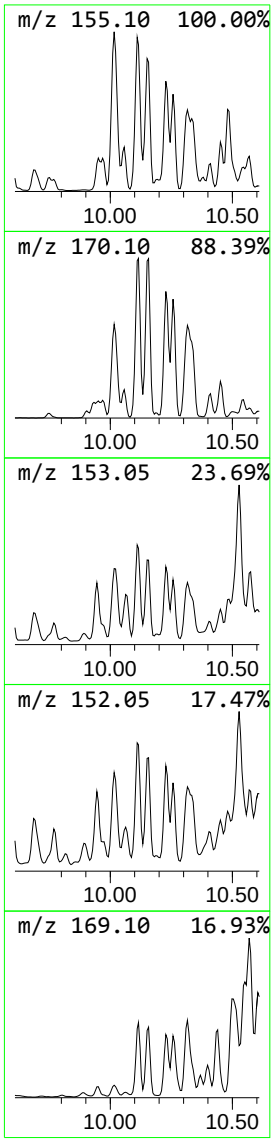
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.110	45.16 ng	1344090	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90





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Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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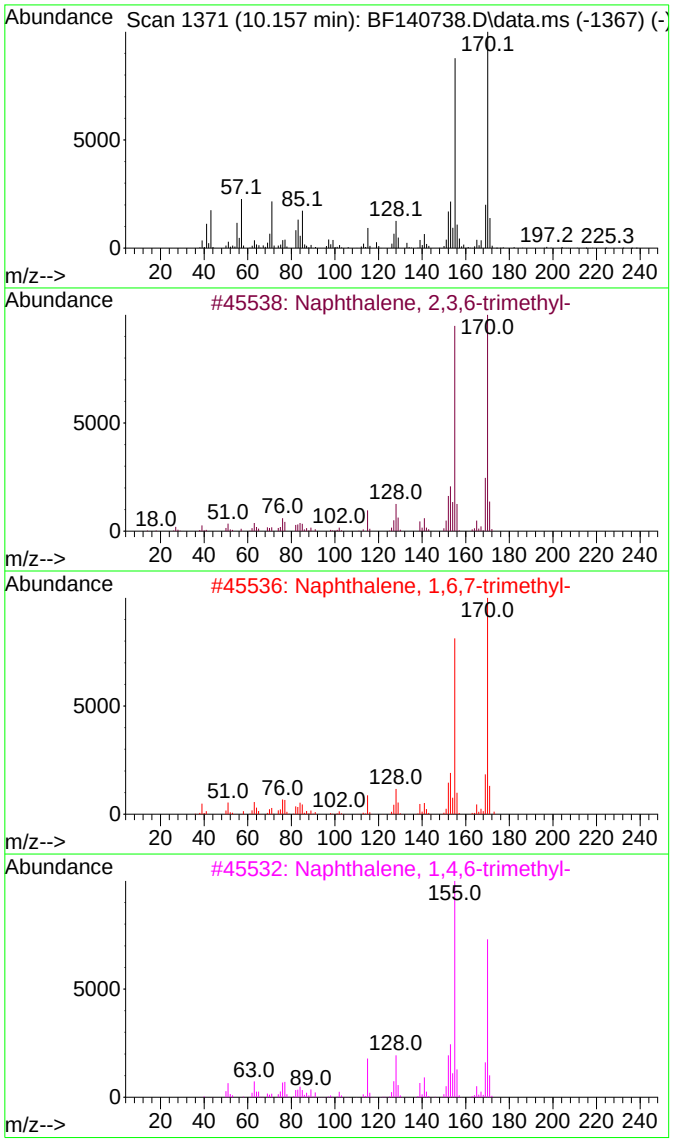
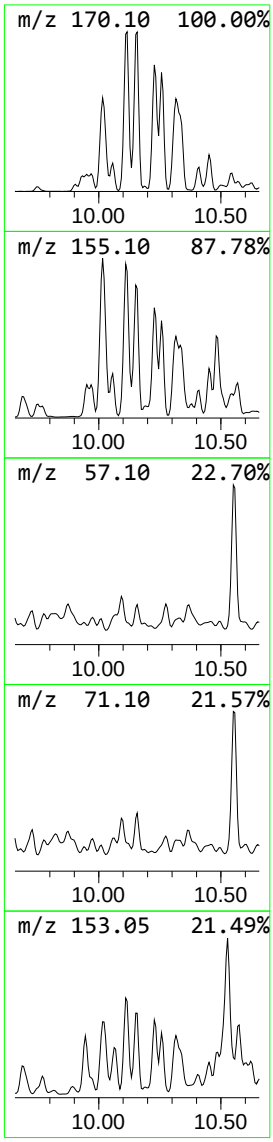
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	71.10 ng	2116100	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	89





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Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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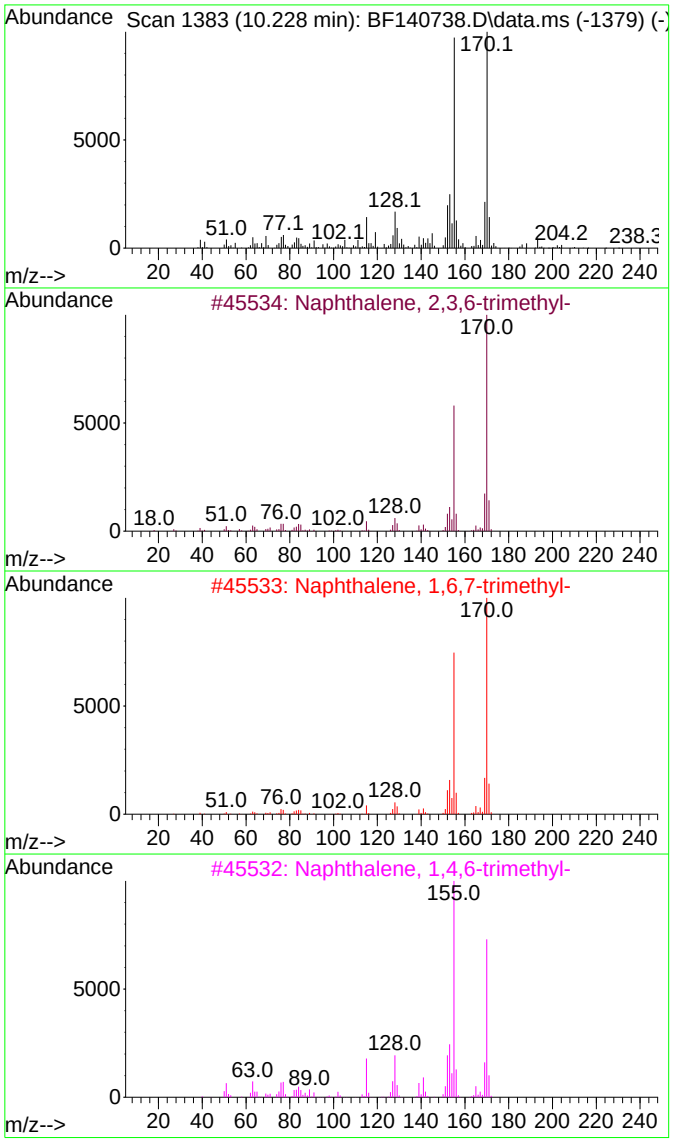
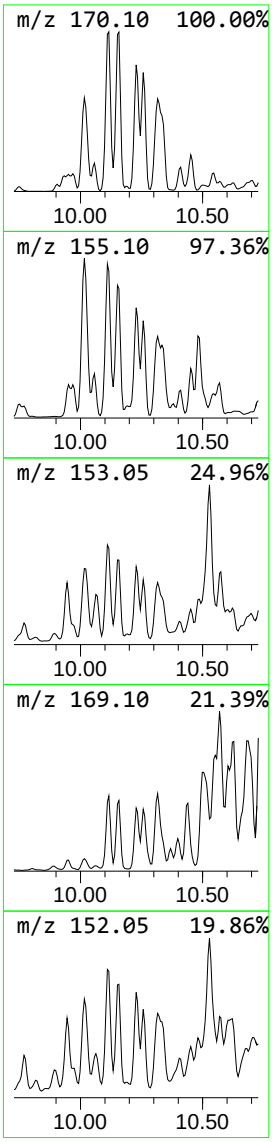
Peak Number 13 4,6,8-Trimethylazulene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.228	48.10 ng	1431700	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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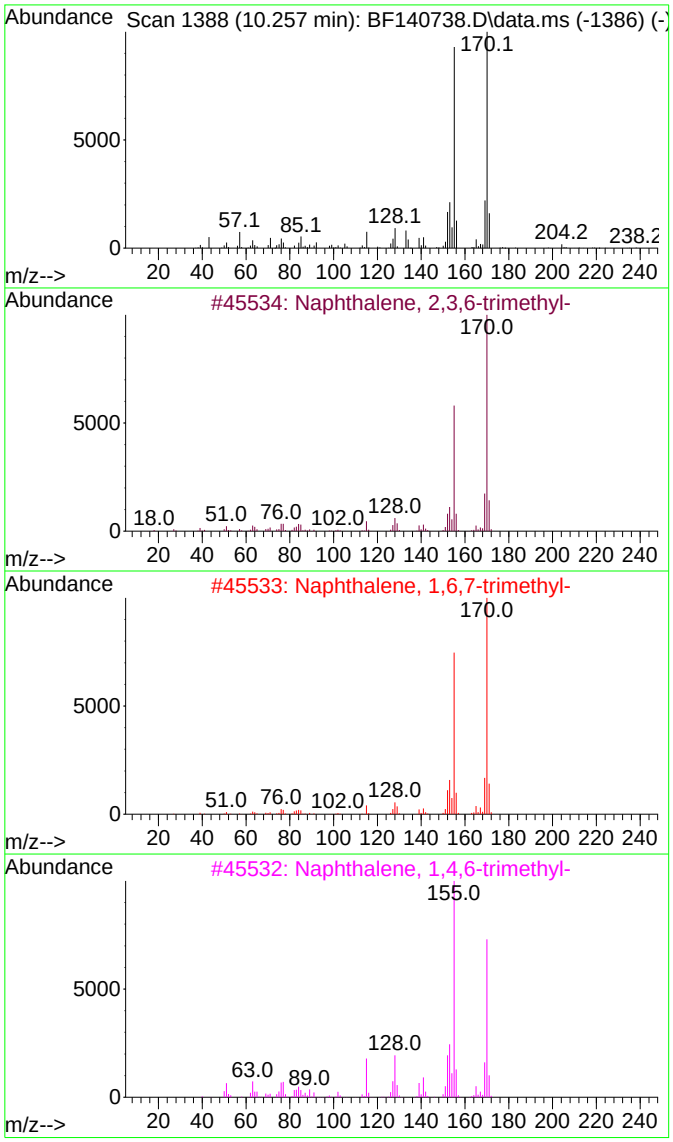
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

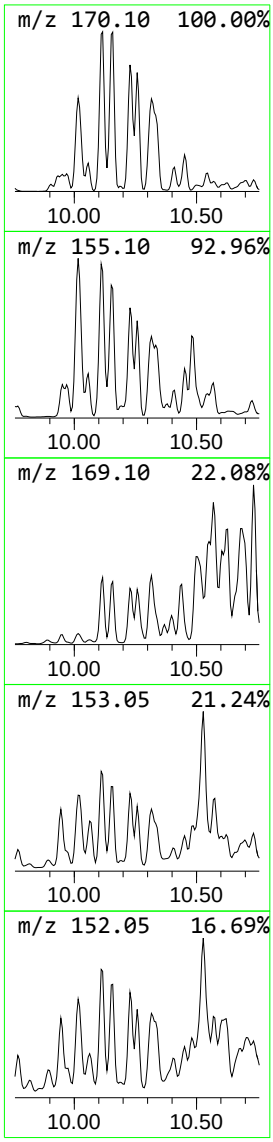
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	33.10 ng	985191	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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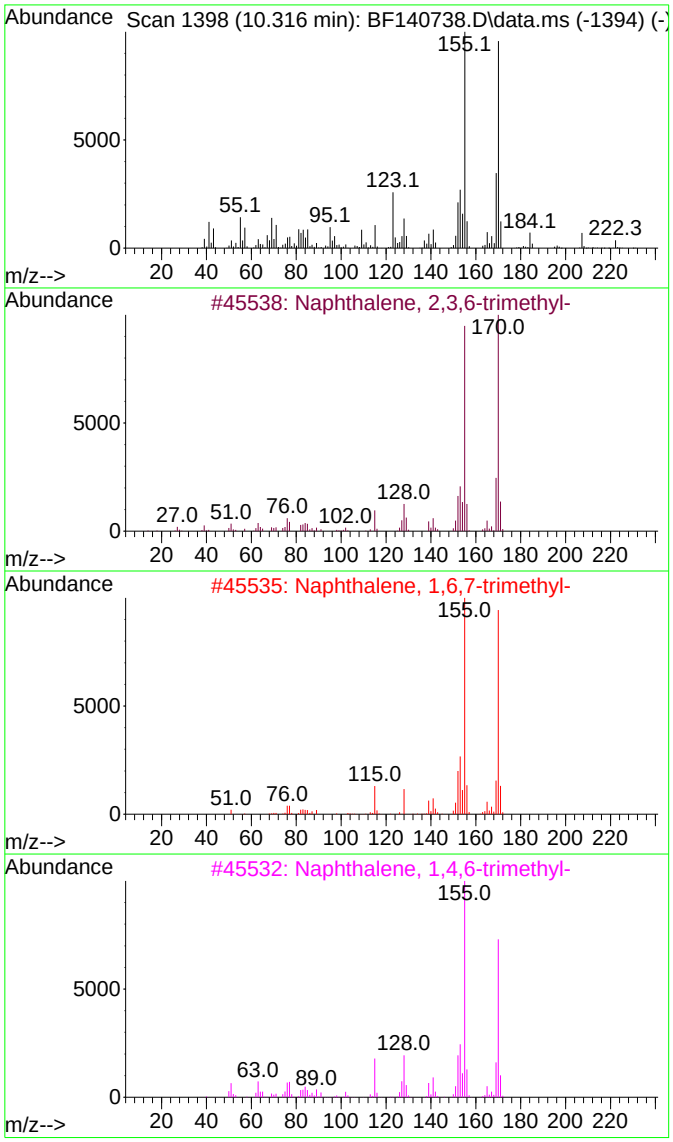
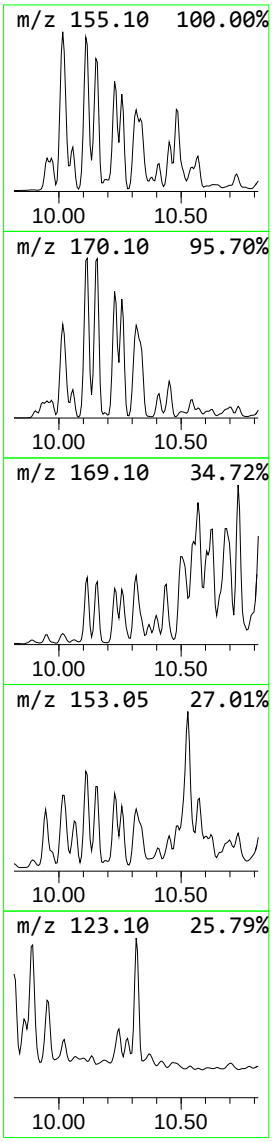
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.316	54.68 ng	1627360	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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Misc :
ALS Vial : 15 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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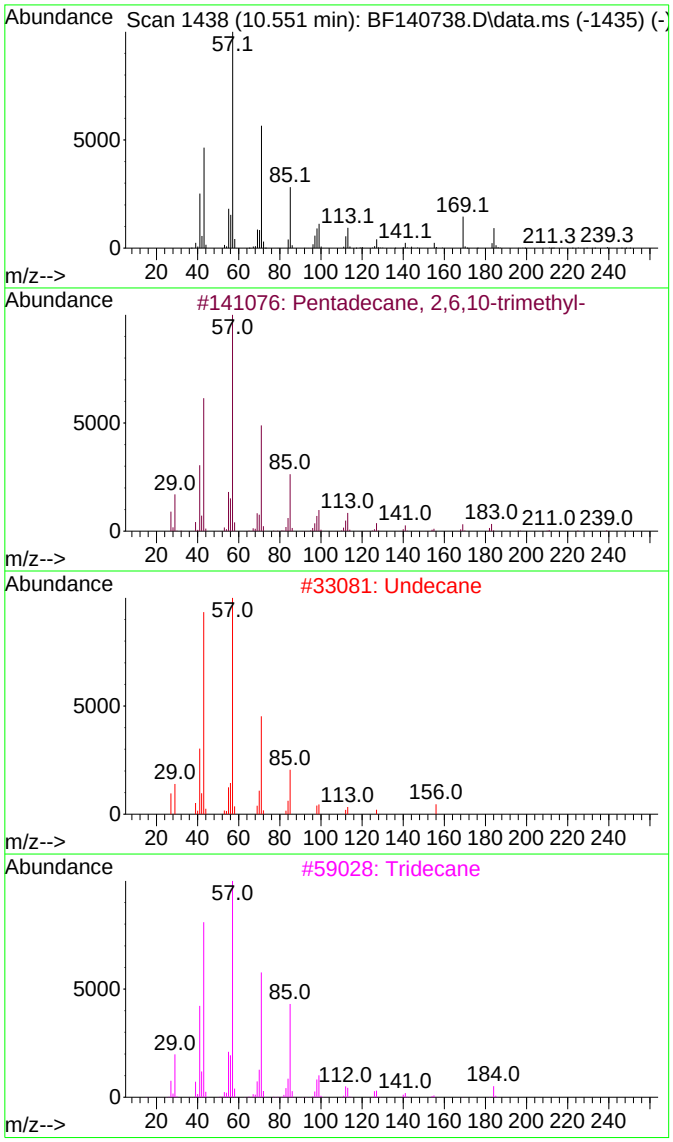
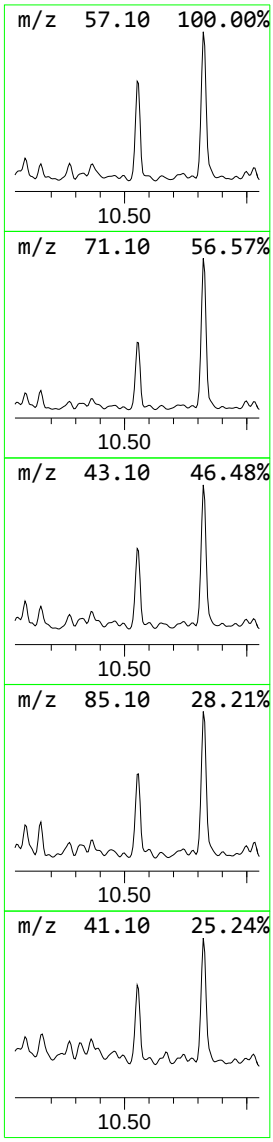
Peak Number 16 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	73.02 ng	2173440	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Undecane	156	C11H24	001120-21-4	74
3	Tridecane	184	C13H28	000629-50-5	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heptacosane	380	C27H56	000593-49-7	64





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Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

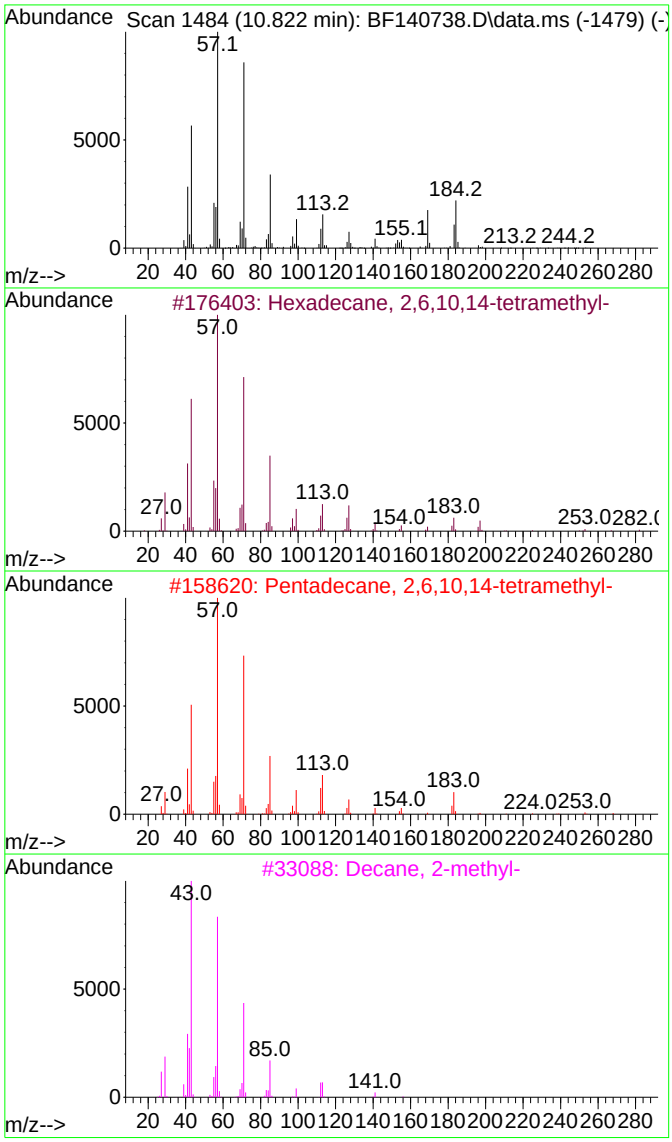
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

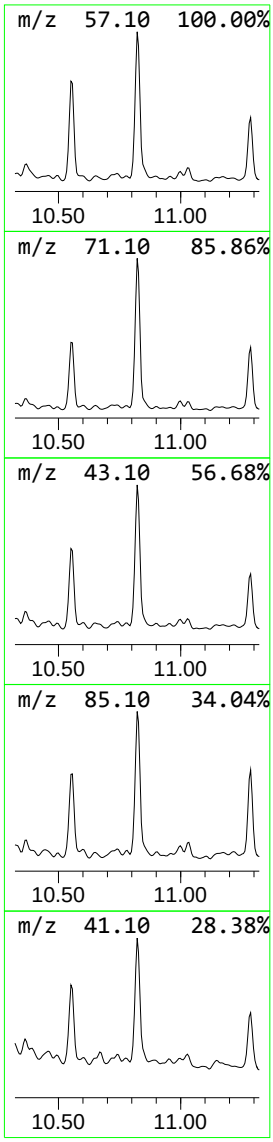
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	101.59 ng	3591010	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	62
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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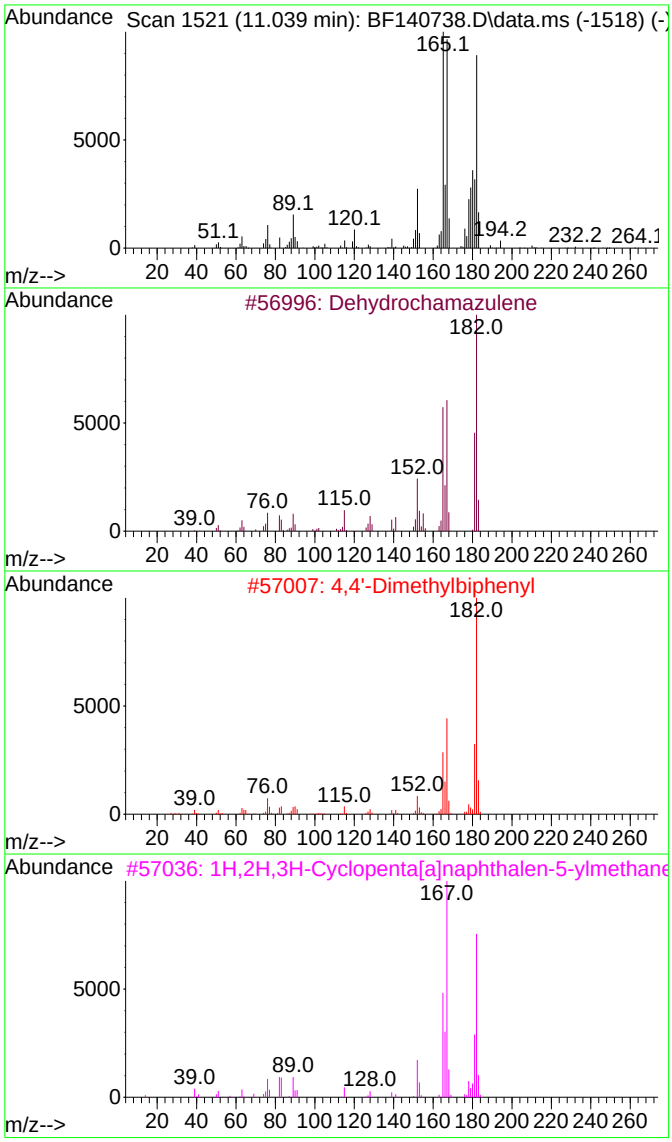
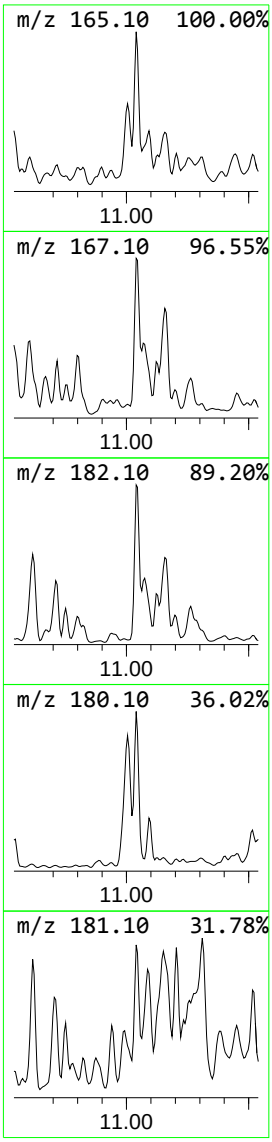
Peak Number 18 Dehydrochamazulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.039	56.18 ng	1985730	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydrochamazulene	182	C14H14	321732-25-6	89
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	74
3	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	70
4	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	70
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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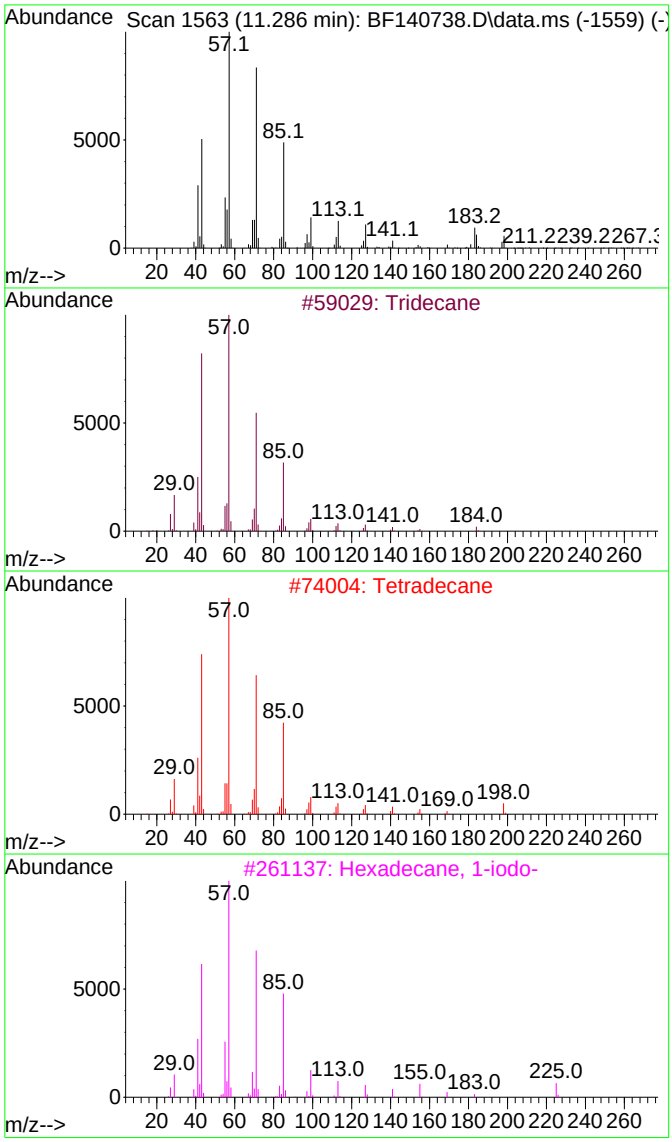
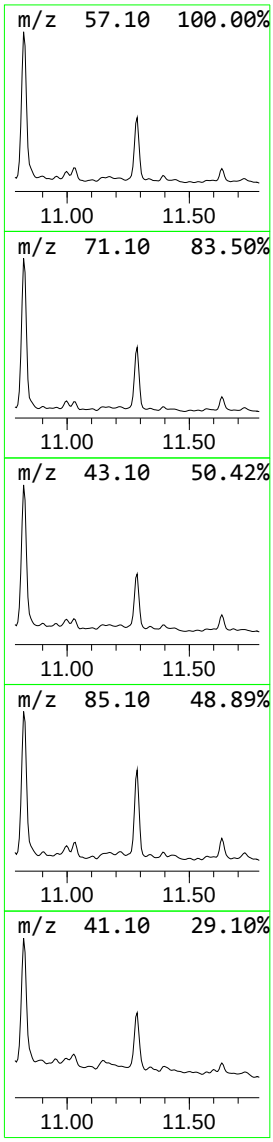
Peak Number 19 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	51.20 ng	1809950	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Tetradecane	198	C14H30	000629-59-4	87
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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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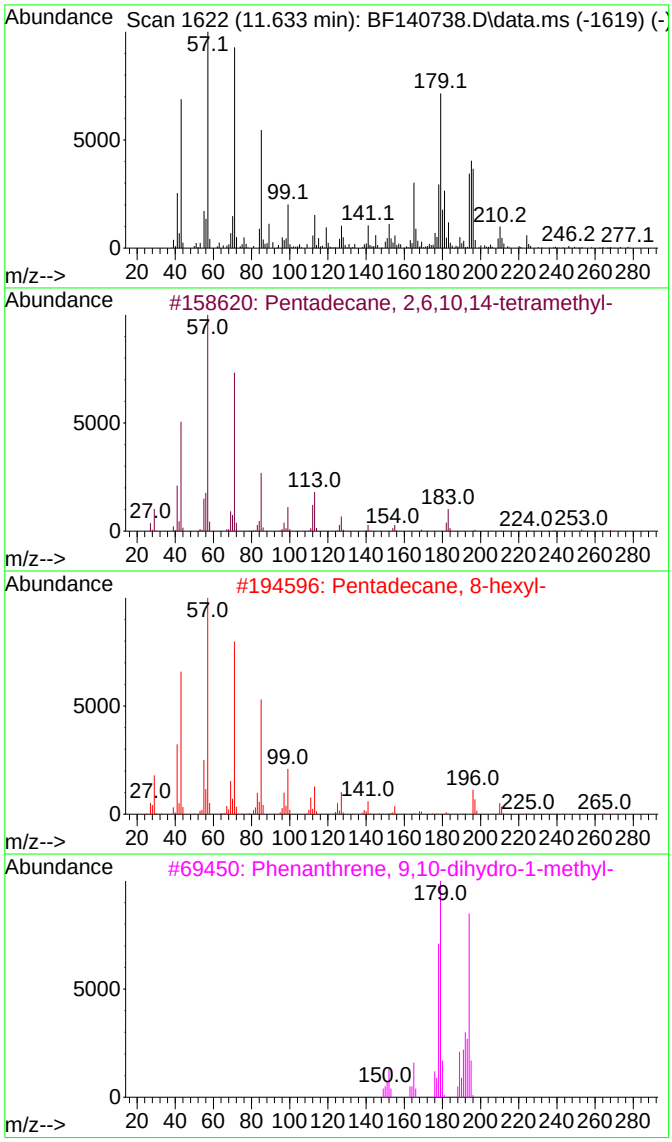
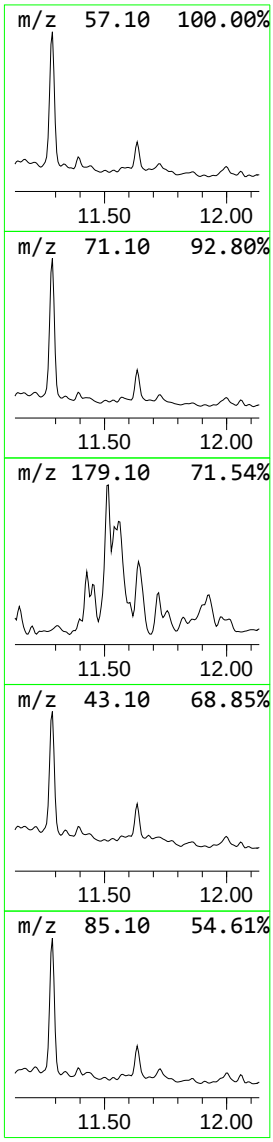
Peak Number 20 unknown11.633 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.633	28.06 ng	991951	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	45
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	41
3	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	38
4	Pentacosane	352	C25H52	000629-99-2	38
5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
Data File : BF140738.D
Acq On : 04 Dec 2024 20:23
Operator : RC/JU
Sample : P5072-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-737

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.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
Butane, 2-metho...	2.140	24.8	ng	915720	1	6.869	738715	20.0
Nonane, 3,7-dim...	9.169	55.0	ng	1635540	3	9.910	595276	20.0
Decahydro-1,1,4...	9.304	43.3	ng	1287880	3	9.910	595276	20.0
Naphthalene, 2,...	9.492	50.8	ng	1511300	3	9.910	595276	20.0
Naphthalene, 1,...	9.569	62.5	ng	1858770	3	9.910	595276	20.0
Hexadecane	9.622	99.9	ng	2972570	3	9.910	595276	20.0
Naphthalene, 1,...	9.687	53.1	ng	1580780	3	9.910	595276	20.0
Naphthalene, 1,...	9.775	31.3	ng	932848	3	9.910	595276	20.0
unknown9.816	9.816	20.0	ng	595276	3	9.910	595276	20.0
Naphthalene, 1,...	10.016	40.8	ng	1213440	3	9.910	595276	20.0
Naphthalene, 1,...	10.110	45.2	ng	1344090	3	9.910	595276	20.0
Naphthalene, 2,...	10.157	71.1	ng	2116100	3	9.910	595276	20.0
4,6,8-Trimethyl...	10.228	48.1	ng	1431700	3	9.910	595276	20.0
1-(2,2-Dimethyl...	10.257	33.1	ng	985191	3	9.910	595276	20.0
Naphthalene, 1,...	10.316	54.7	ng	1627360	3	9.910	595276	20.0
Pentadecane, 2,...	10.551	73.0	ng	2173440	3	9.910	595276	20.0
Hexadecane, 2,6...	10.822	101.6	ng	3591010	4	11.404	706975	20.0
Dehydrochamazulene	11.039	56.2	ng	1985730	4	11.404	706975	20.0
Tridecane	11.286	51.2	ng	1809950	4	11.404	706975	20.0
unknown11.633	11.633	28.1	ng	991951	4	11.404	706975	20.0