LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.522	545	550	553	rBV	4852790	4362727	45.81%	2.015%
2	6.122	647	652	659	rVV2	432766	769178	8.08%	0.355%
3	6.404	697	700	707	rBV4	786251	1200556	12.61%	0.554%
4	6.528	717	721	724	rBV	4397150	4431132	46.53%	2.046%
5	6.622	732	737	741	rBV4	426316	725056	7.61%	0.335%
6	6.704	748	751	755	rBV2	1008692	1098840	11.54%	0.507%
7	6.887	778	782	784	rVB	2502241	2191919	23.01%	1.012%
8	6.940	784	791	793	rBV3	611332	715161	7.51%	0.330%
9	7.022	802	805	809	rBV	1054167	1052988	11.06%	0.486%
10	7.151	821	827	829	rBV4	1742481	1796840	18.87%	0.830%
11	7.210	833	837	842	rVB2	1309498	2002179	21.02%	0.925%
12	7.263	842	846	847	rBV	1323054	1434752	15.06%	0.663%
13	7.416	866	872	874	rBV2	1658138	2185982	22.95%	1.009%
14	7.451	874	878	885	rVB2	3723987	4767447	50.06%	2.201%
15	7.528	885	891	893	rBV5	1551825	2332028	24.49%	1.077%
16	7.575	893	899	904	rBV6	1107263	2590278	27.20%	1.196%
17	7.651	910	912	915	rBV3	1296488	1420642	14.92%	0.656%
18	7.681	915	917	920	rVB2	1339225	1540397	16.17%	0.711%
19	7.757	927	930	932	rBV2	827845	946356	9.94%	0.437%
20	7.781	932	934	936	rVV2	1087221	789239	8.29%	0.364%
21	7.804	936	938	942	rVV2	1497193	1592157	16.72%	0.735%
22	7.840	942	944	947	rVB2	1435343	1654775	17.37%	0.764%
23	7.875	947	950	952	rBV3	1535062	1472533	15.46%	0.680%
24	7.904	952	955	958	rBV3	2310333	2248440	23.61%	1.038%
25	7.951	961	963	965	rVB	1290063	943663	9.91%	0.436%
26	7.975	965	967	971	rVB3	729091	892240	9.37%	0.412%
27	8.034	974	977	980	rBV2	1362924	1324493	13.91%	0.612%
28	8.069	980	983	985	rBV2	603879	677095	7.11%	0.313%
29	8.116	986	991	993	rBV5	1116366	1704700	17.90%	0.787%
30	8.157	993	998	999	rVV3	1508172	2440809	25.63%	1.127%
31	8.192	1002	1004	1005	rVV	1510917	1253692	13.16%	0.579%
32	8.222	1005	1009	1011	rVB2	4947494	5172147	54.31%	2.388%
33	8.251	1011	1014	1016	rBV2	1710298	1737514	18.24%	0.802%
34	8.316	1022	1025	1027	rBV4	810651	925510	9.72%	0.427%
35	8.340	1027	1029	1031	rVV2	737271	791060	8.31%	0.365%
36	8.369	1031	1034	1036	rVB2	1284125	1279851	13.44%	0.591%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
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Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.457	1045	1049	1053	rVB5	3031646	4072070	42.76%	1.880%
38	8.504	1053	1057	1061	rBV5	1560755	1743553	18.31%	0.805%
39	8.551	1061	1065	1067	rVB3	1214133	1564396	16.43%	0.722%
40	8.587	1067	1071	1073	rBV	5484287	5421661	56.93%	2.504%
41	8.675	1083	1086	1088	rBV	1552304	1334875	14.02%	0.616%
42	8.710	1088	1092	1094	rBV4	984538	1376912	14.46%	0.636%
43	8.757	1097	1100	1103	rBV3	1077912	1294540	13.59%	0.598%
44	8.851	1113	1116	1119	rVB2	1609746	1778434	18.67%	0.821%
45	8.887	1119	1122	1125	rVB	3620626	3094308	32.49%	1.429%
46	8.916	1125	1127	1129	rVB3	1229018	929351	9.76%	0.429%
47	8.945	1129	1132	1134	rBV3	1059844	1391348	14.61%	0.642%
48	8.987	1136	1139	1142	rVB2	2760561	2618980	27.50%	1.209%
49	9.039	1145	1148	1149	rBV3	1167164	1109275	11.65%	0.512%
50	9.075	1152	1154	1158	rVB4	1985845	2409943	25.30%	1.113%
51	9.116	1158	1161	1166	rBV4	939287	1307148	13.72%	0.604%
52	9.163	1166	1169	1170	rBV2	1354245	1088289	11.43%	0.503%
53	9.187	1170	1173	1179	rVB	5195342	5553518	58.31%	2.564%
54	9.245	1179	1183	1188	rVB	4212454	4940529	51.87%	2.281%
55	9.328	1192	1197	1200	rBV2	3339575	4640386	48.72%	2.143%
56	9.363	1201	1203	1206	rVV3	1146021	1389515	14.59%	0.642%
57	9.398	1207	1209	1211	rVV	1443335	1128506	11.85%	0.521%
58	9.445	1214	1217	1223	rVB	1580067	1707533	17.93%	0.788%
59	9.522	1225	1230	1233	rBV	3253429	4718586	49.54%	2.179%
60	9.592	1238	1242	1245	rVV2	3955386	5708072	59.93%	2.636%
61	9.622	1245	1247	1248	rVV	3144584	2740021	28.77%	1.265%
62	9.645	1248	1251	1254	rVV3	6992932	7959974	83.58%	3.676%
63	9.669	1254	1255	1258	rVB3	912901	692777	7.27%	0.320%
64	9.710	1258	1262	1263	rBV3	1936553	1925903	20.22%	0.889%
65	9.745	1267	1268	1270	rVB	1602169	890357	9.35%	0.411%
66	9.792	1273	1276	1279	rBV	2581326	2337566	24.54%	1.079%
67	9.822	1279	1281	1282	rBV2	636824	648826	6.81%	0.300%
68	9.839	1282	1284	1287	rVB3	2321871	1952497	20.50%	0.902%
69	9.892	1291	1293	1294	rBV	779320	663739	6.97%	0.306%
70	9.910	1294	1296	1299	rVV2	1570542	1768513	18.57%	0.817%
71	9.963	1302	1305	1309	rBV5	986501	1212035	12.73%	0.560%
72	10.034	1314	1317	1321	rBV2	2213114	2934249	30.81%	1.355%
73	10.075	1321	1324	1328	rBV4	1202840	1948254	20.46%	0.900%
74	10.116	1328	1331	1332	rVV	1535183	1517146	15.93%	0.701%
75	10.134	1332	1334	1337	rVV2	2785787	2442510	25.65%	1.128%
76	10.175	1338	1341	1350	rVB2	3930903	5374826	56.43%	2.482%

LSC Area Percent Report

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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.251	1350	1354	1356	rBV	2702183	2851438	29.94%	1.317%
78	10.281	1356	1359	1361	rVV	1915303	1794519	18.84%	0.829%
79	10.339	1365	1369	1371	rBV3	2523020	3349094	35.16%	1.546%
80	10.381	1374	1376	1379	rBV3	758294	732827	7.69%	0.338%
81	10.475	1389	1392	1395	rBV2	1257311	1360570	14.29%	0.628%
82	10.575	1403	1409	1415	rVB	5351812	7157180	75.15%	3.305%
83	10.622	1415	1417	1423	rVB6	927916	1402549	14.73%	0.648%
84	10.692	1427	1429	1432	rVB3	1028294	964324	10.13%	0.445%
85	10.728	1432	1435	1438	rBV3	2716379	2833274	29.75%	1.308%
86	10.757	1438	1440	1444	rVB3	820694	803833	8.44%	0.371%
87	10.845	1450	1455	1458	rBV	8439879	9523944	100.00%	4.398%
88	10.922	1465	1468	1470	rVB	942871	841034	8.83%	0.388%
89	11.016	1482	1484	1488	rBV4	696443	1029092	10.81%	0.475%
90	11.169	1504	1510	1511	rBV4	1053740	1584985	16.64%	0.732%
91	11.304	1529	1533	1539	rVB	4442659	5342758	56.10%	2.467%
92	11.422	1549	1553	1555	rBV2	1581398	1607867	16.88%	0.742%
93	11.445	1555	1557	1560	rVB	1121025	1019990	10.71%	0.471%
94	11.651	1589	1592	1595	rBV2	1389817	1338488	14.05%	0.618%
95	11.922	1636	1638	1641	rBV	612089	657140	6.90%	0.303%
96	11.951	1641	1643	1647	rVB	812066	679038	7.13%	0.314%
97	12.633	1756	1759	1764	rVB	784828	661386	6.94%	0.305%
98	13.004	1818	1822	1825	rVB	3635155	3105140	32.60%	1.434%
99	14.063	1997	2002	2004	rBV2	1020813	1146230	12.04%	0.529%
100	15.557	2251	2256	2260	rBV	757191	980873	10.30%	0.453%

Sum of corrected areas: 216562870

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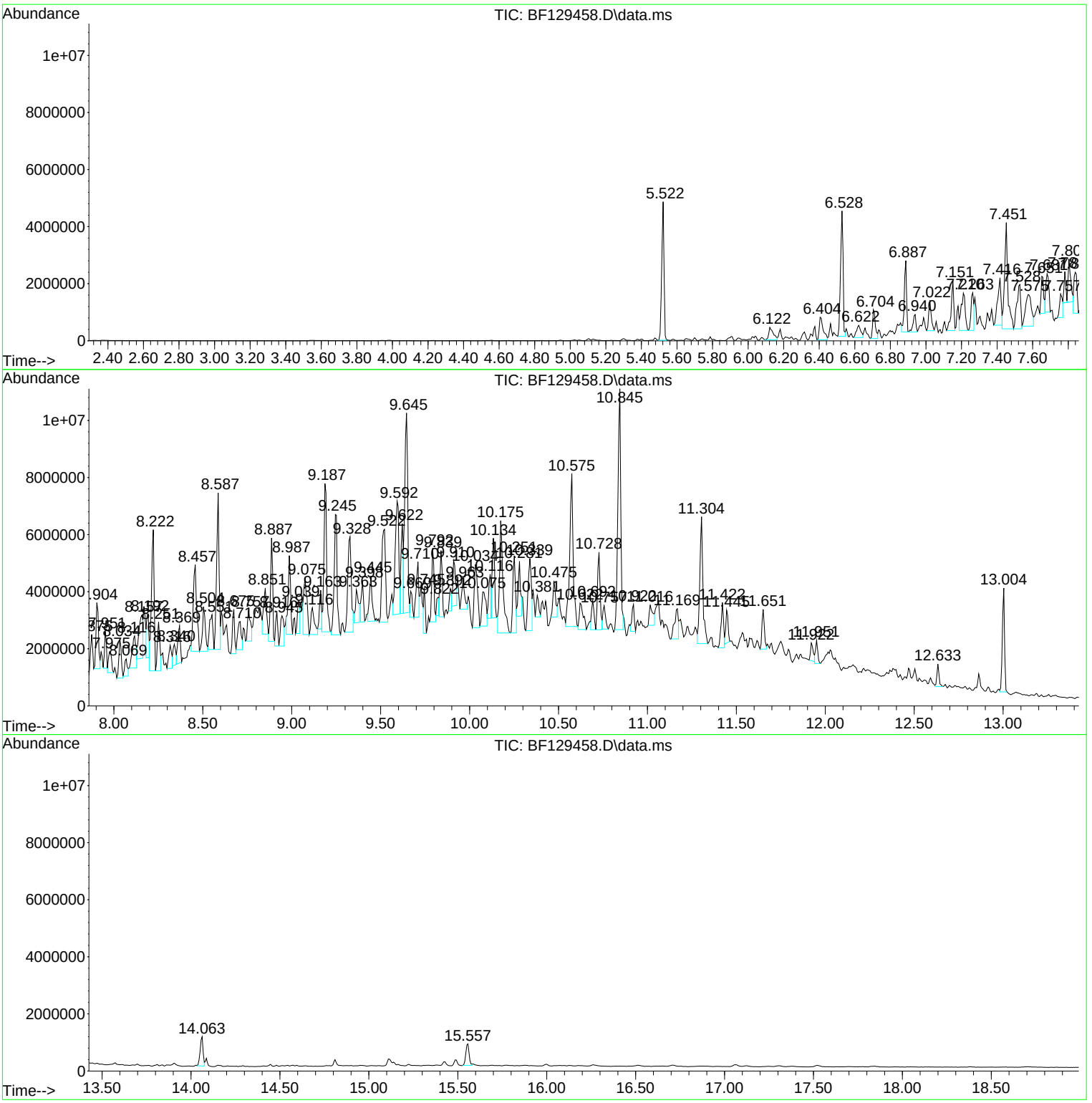
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF072922\
Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
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Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

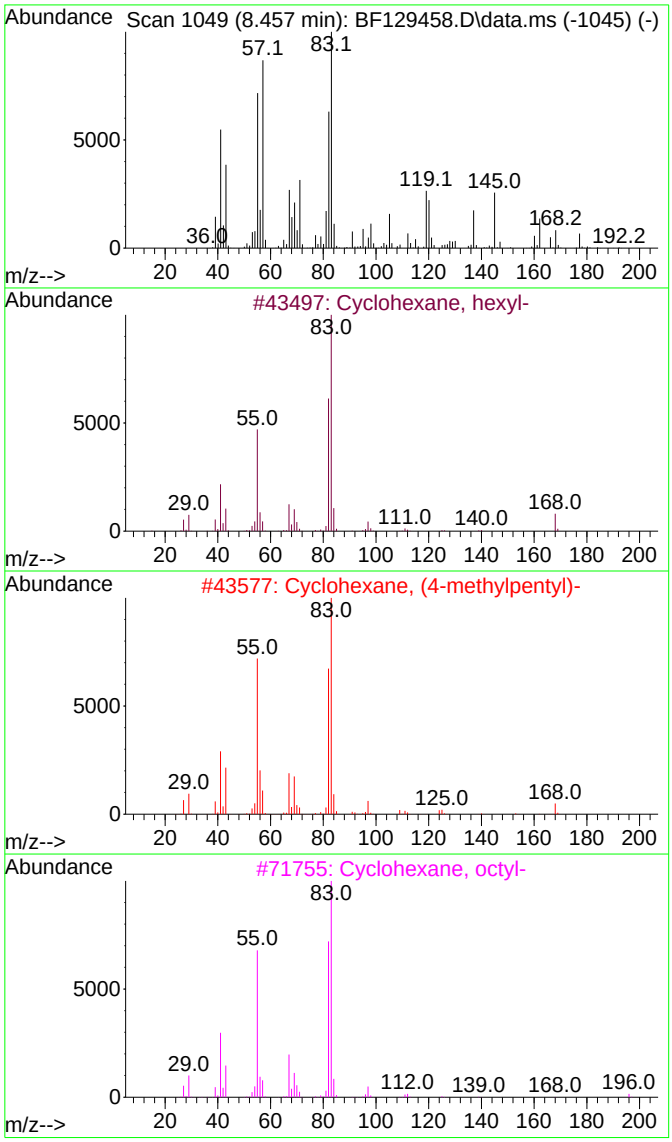
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

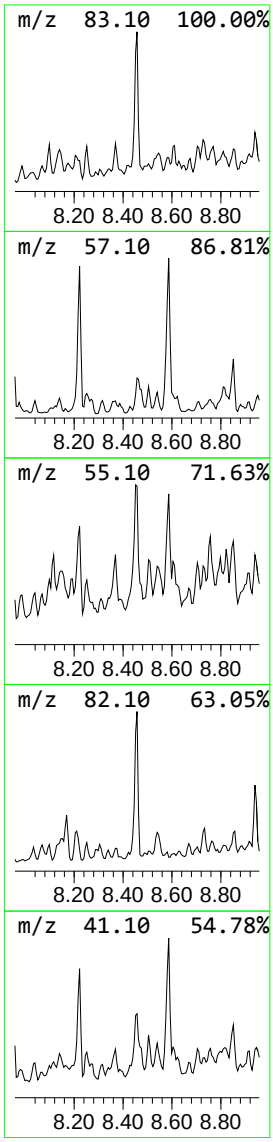
****

Peak Number 1 unknown8.457 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.457	33.37 ng	4072070	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	46
2	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	46
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	43
4	Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
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ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

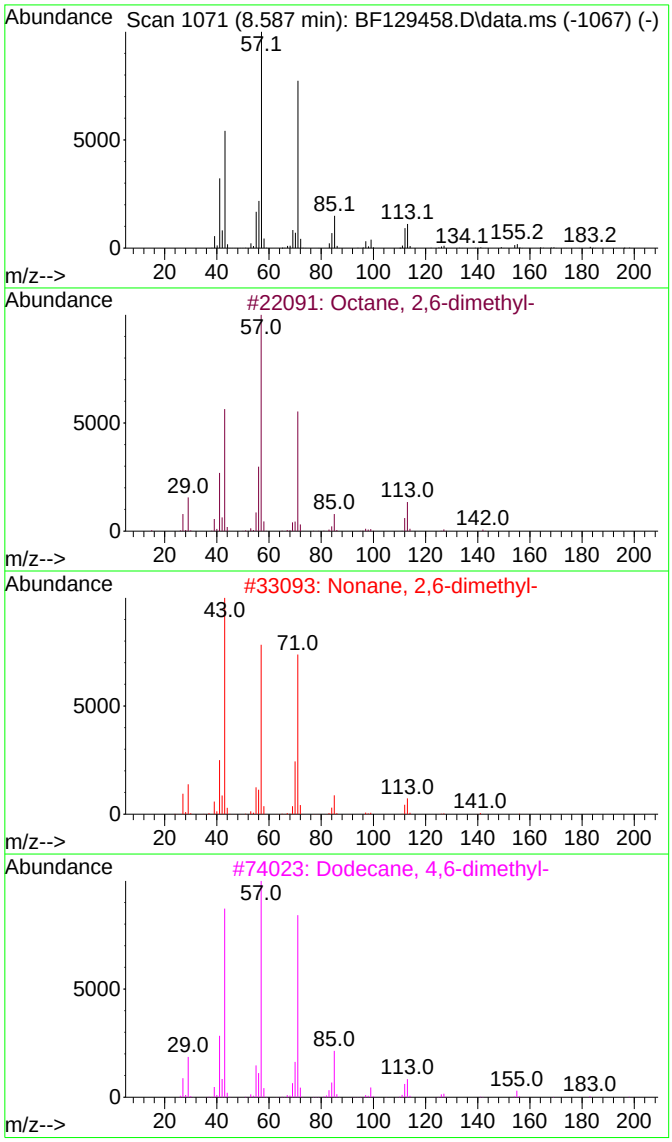
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

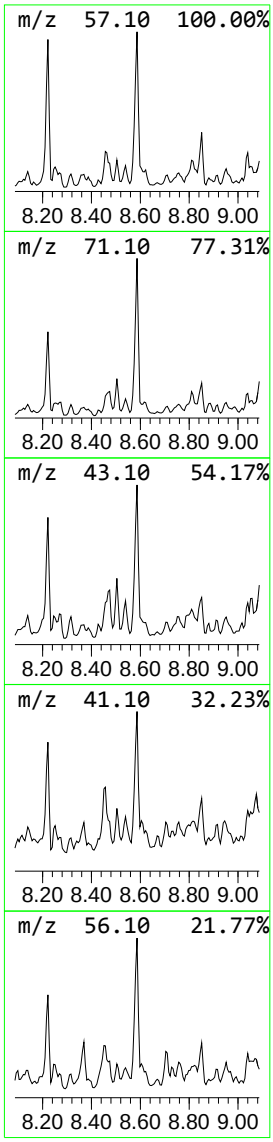
****

Peak Number 2 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	44.43 ng	5421660	Naphthalene-d8	8.169

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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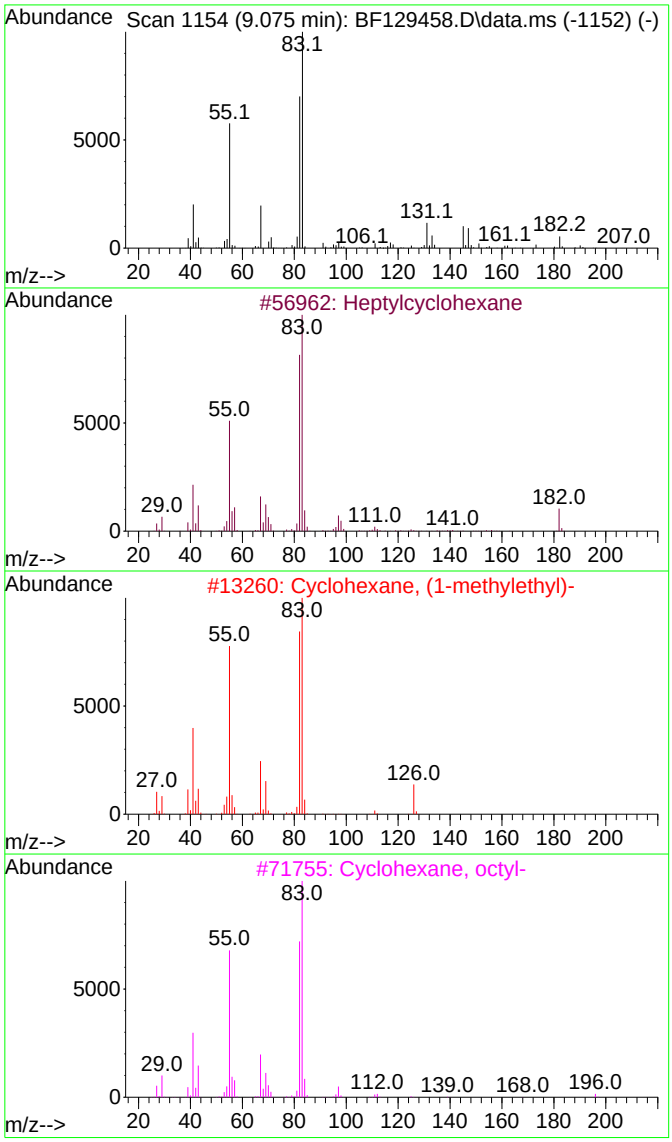
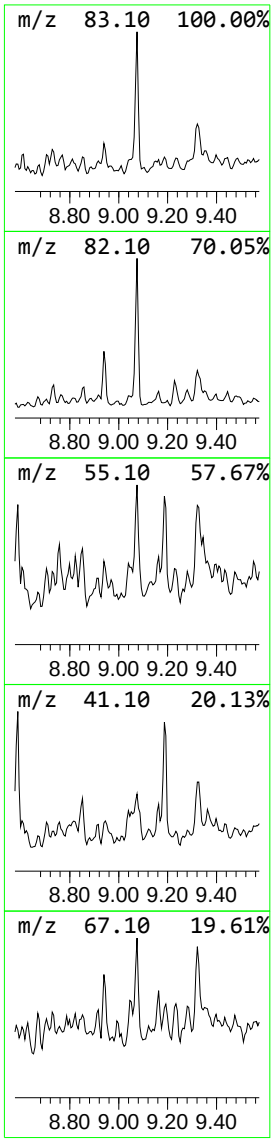
Peak Number 3 Heptylcyclohexane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.075	27.25 ng	2409940	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	59
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	45
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	42
5	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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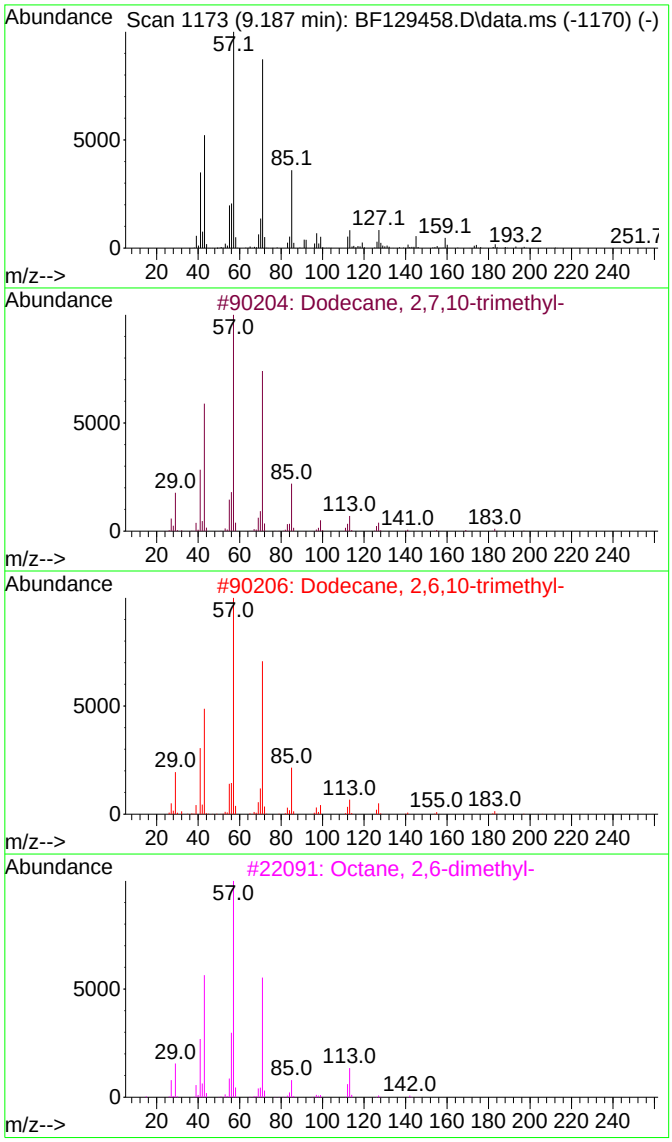
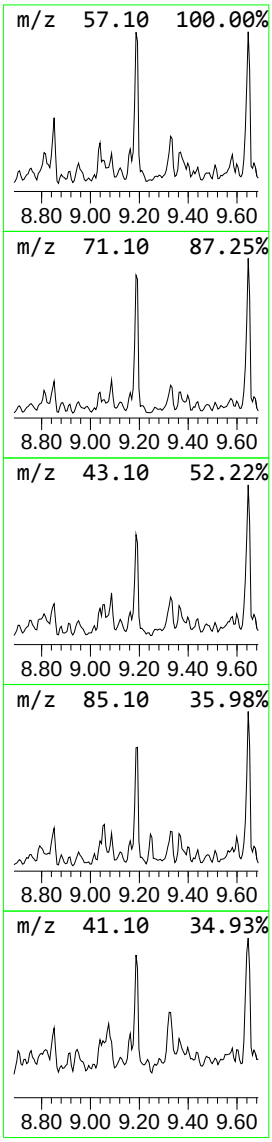
Peak Number 4 Dodecane, 2,7,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.187	62.80 ng	5553520	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	59
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

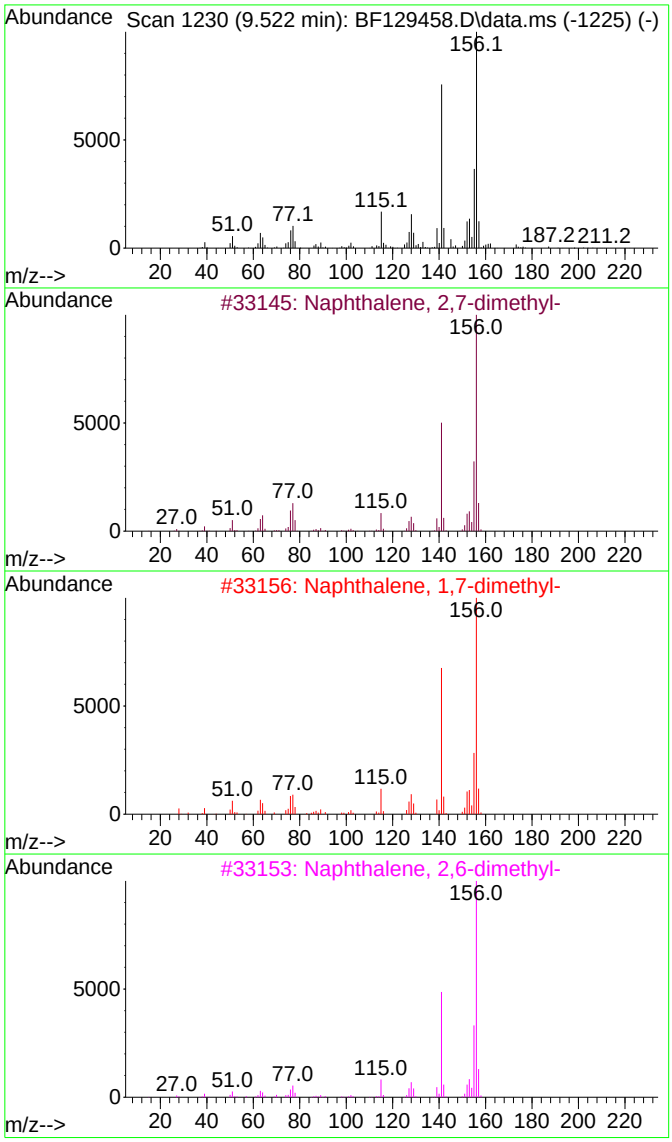
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

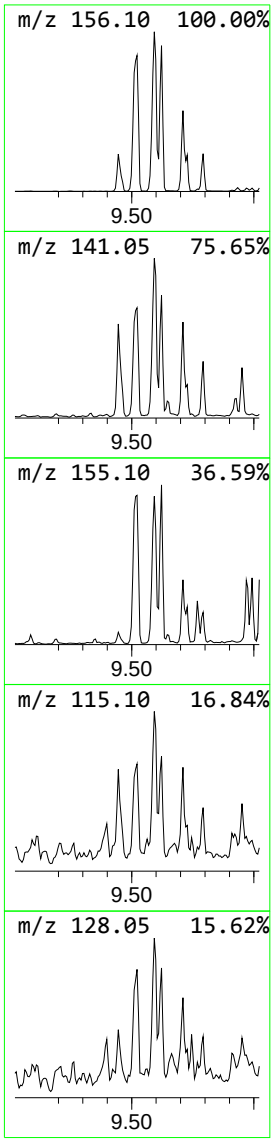
****

Peak Number 5 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	53.36 ng	4718590	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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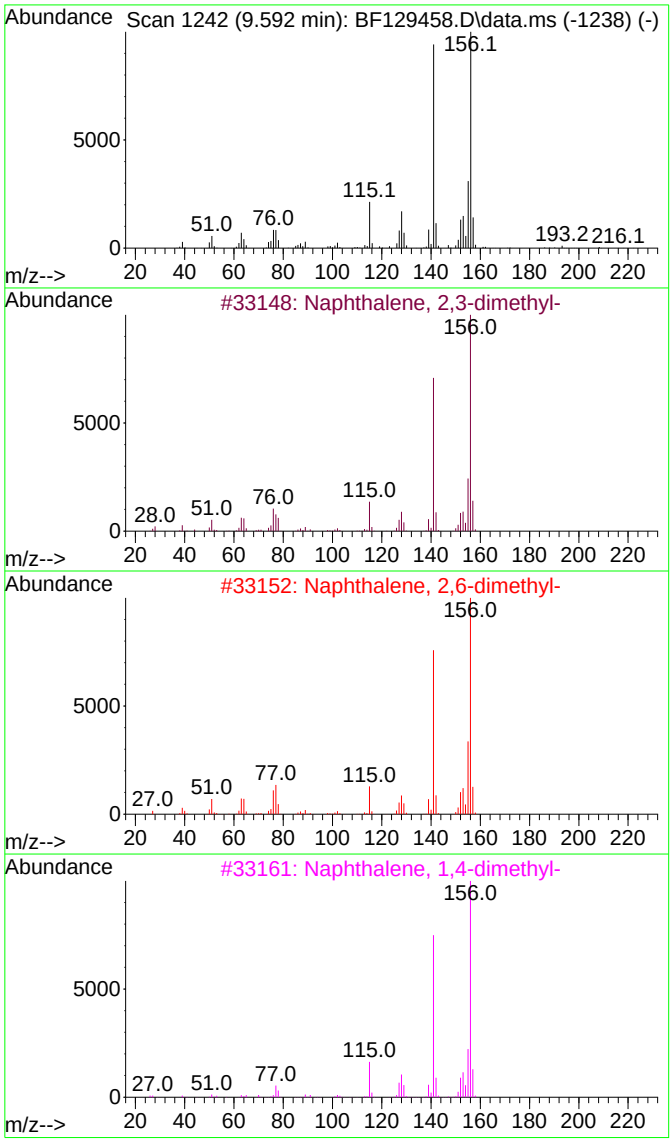
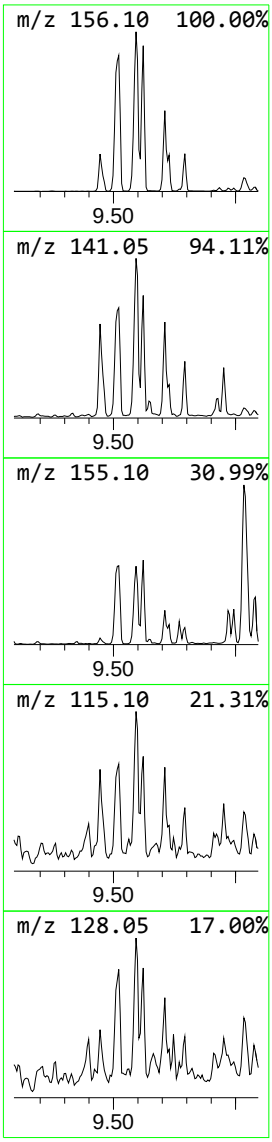
Peak Number 6 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	64.55 ng	5708070	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

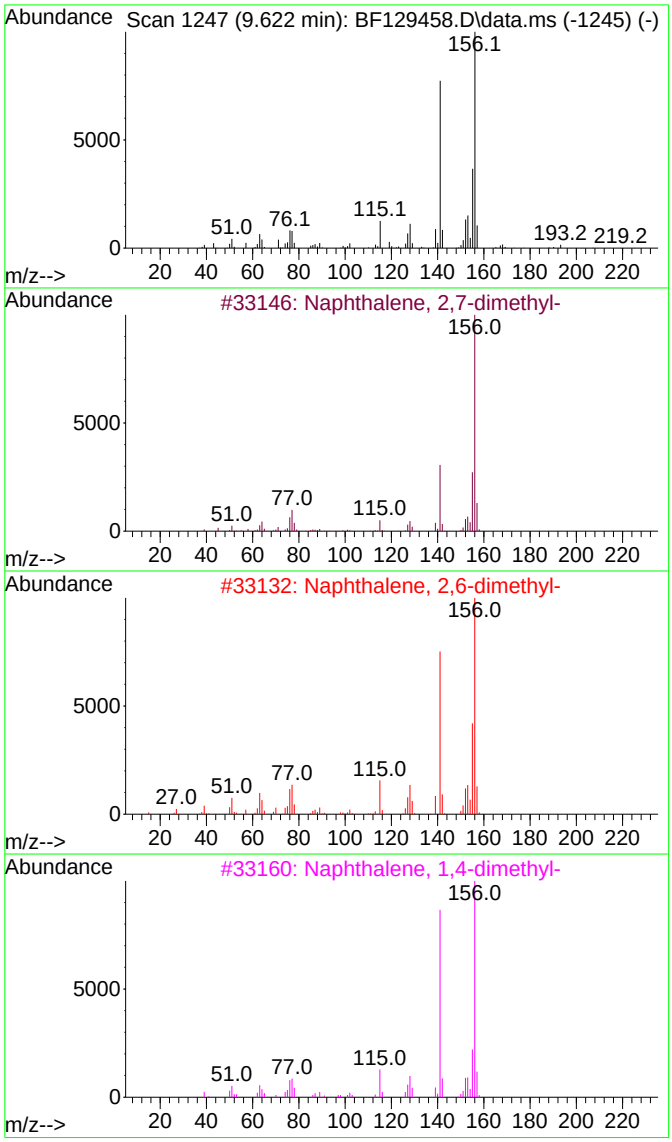
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

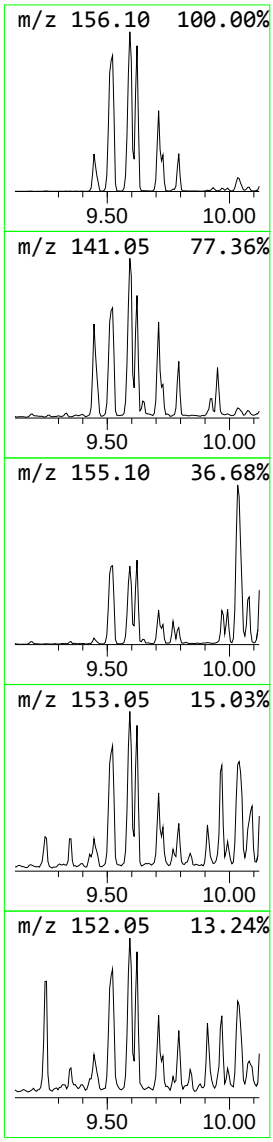
****

Peak Number 7 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	30.99 ng	2740020	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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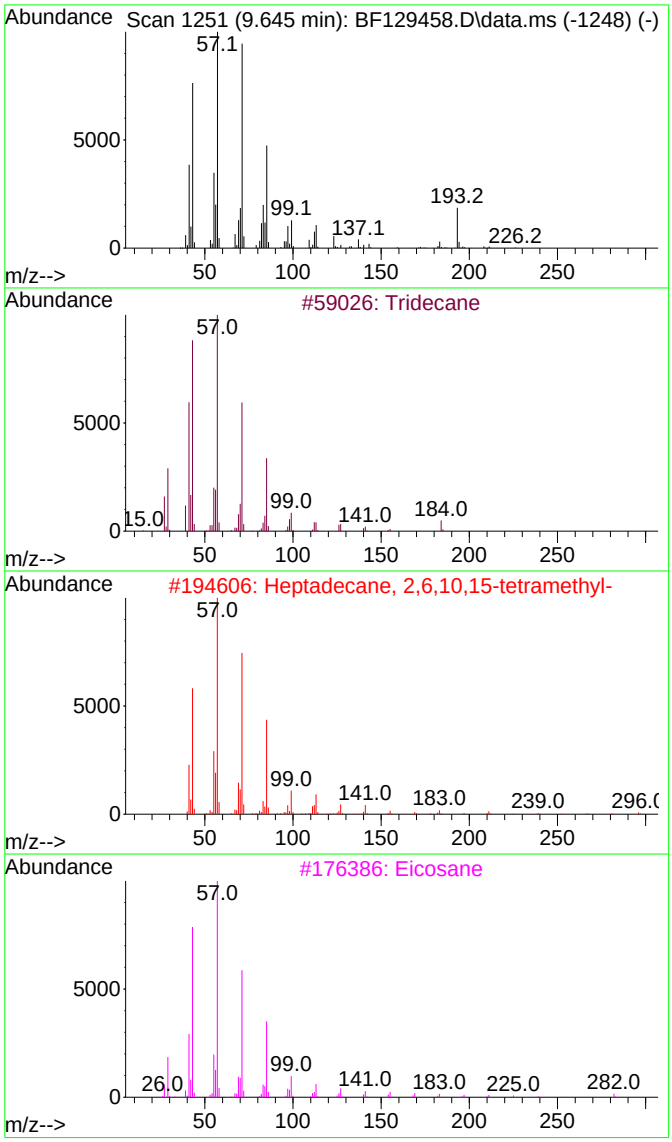
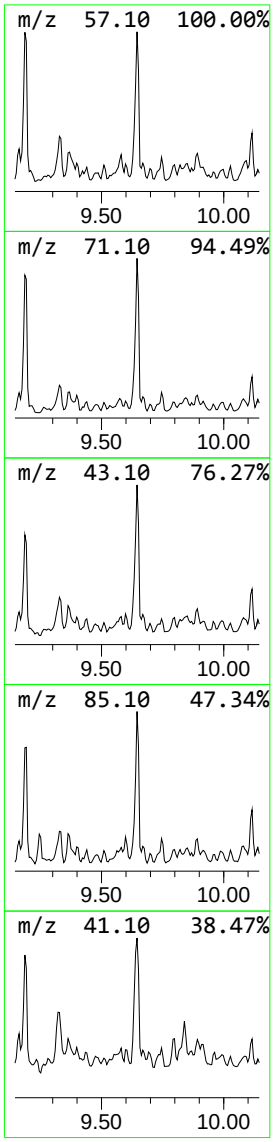
Peak Number 8 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	90.02 ng	7959970	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Eicosane	282	C20H42	000112-95-8	59
4	Hexadecane	226	C16H34	000544-76-3	59
5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	58





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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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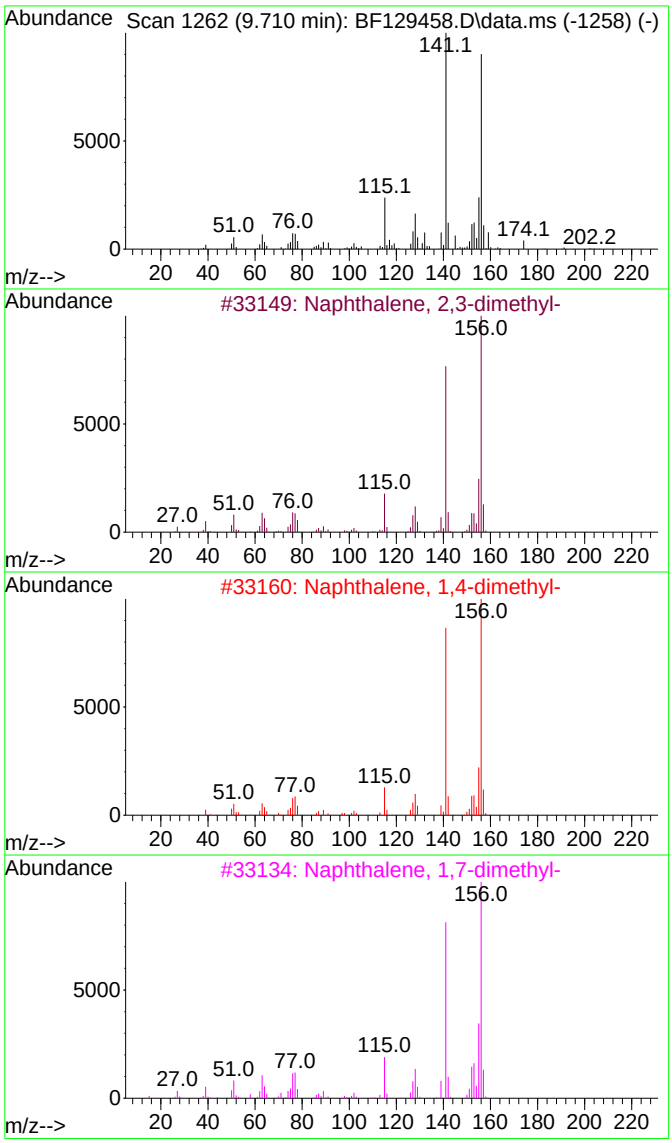
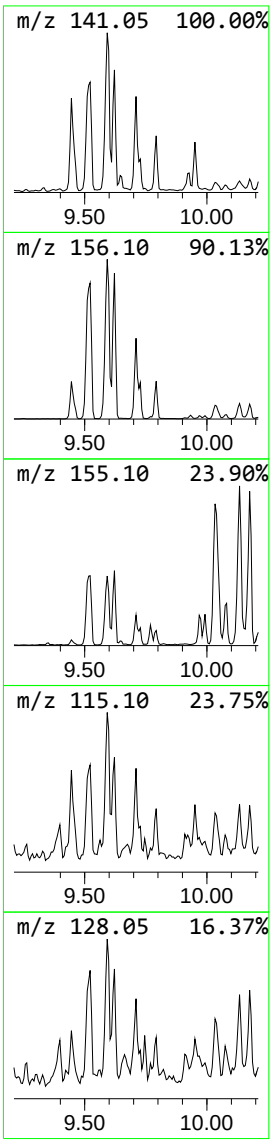
Peak Number 9 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	21.78 ng	1925900	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,2-dimethyl-	156	C12H12	000573-98-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

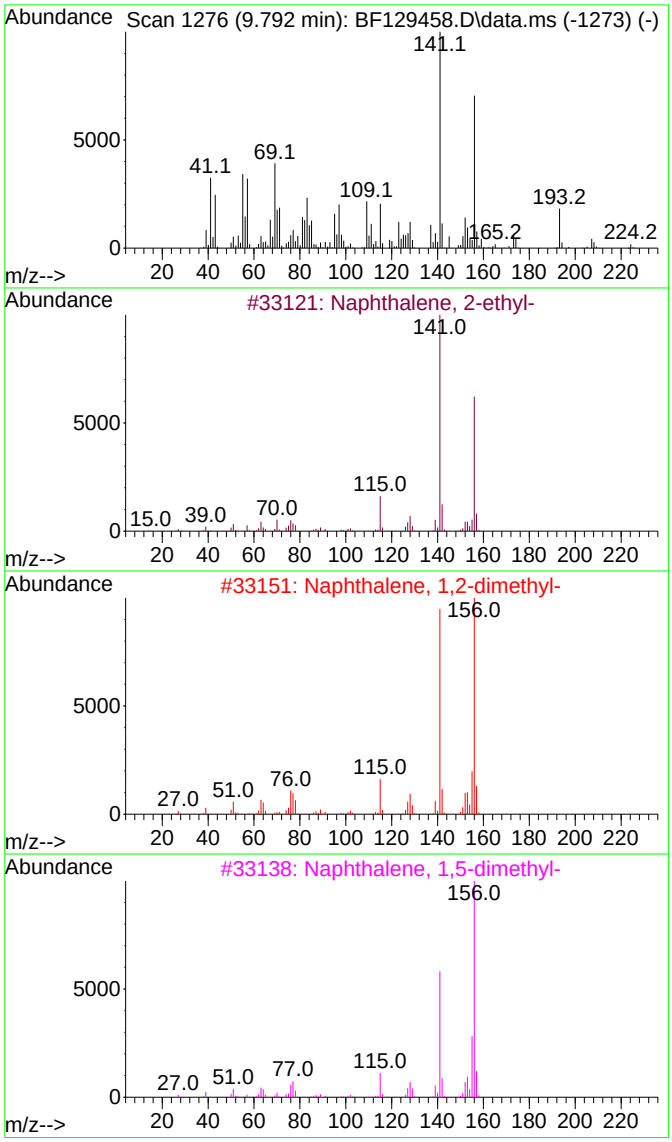
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

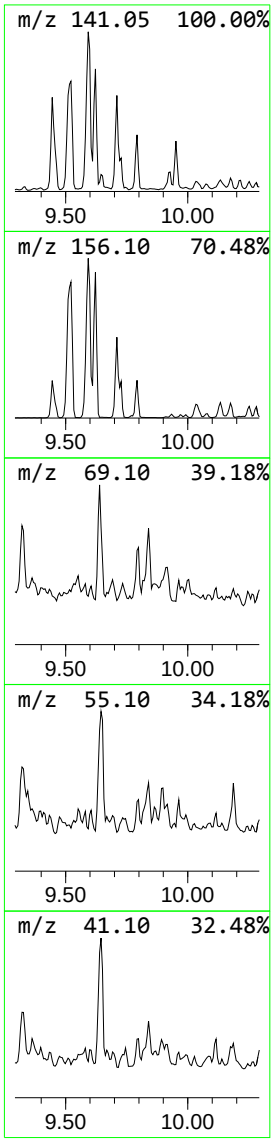
****

Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	26.44 ng	2337570	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	83
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	83
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	83
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	78
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	78





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Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

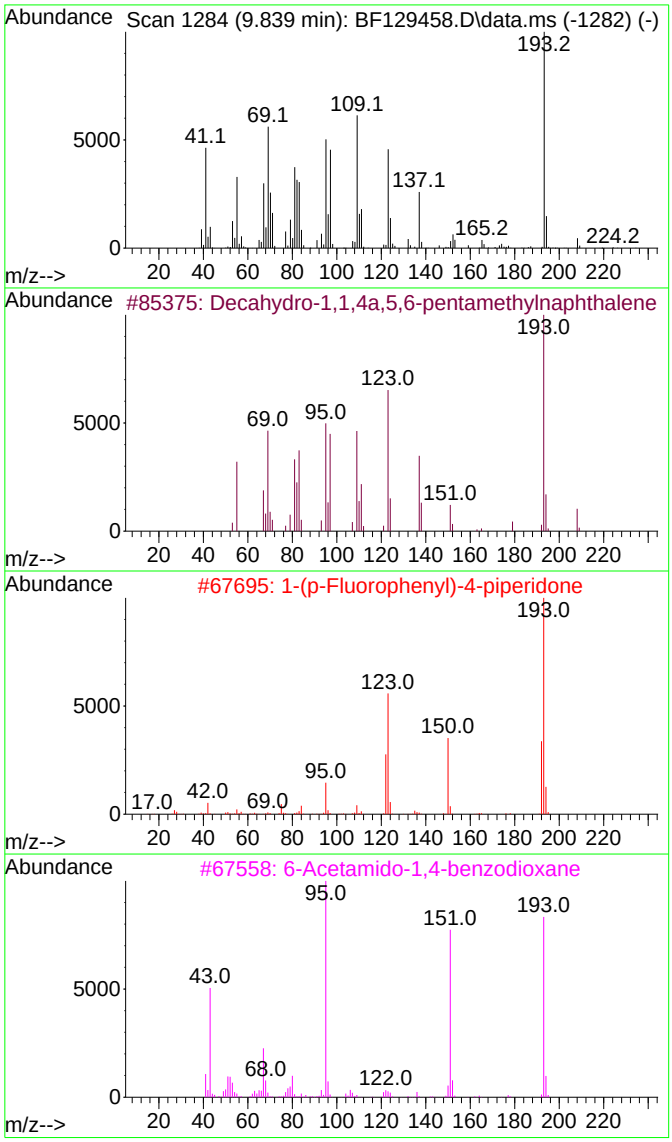
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

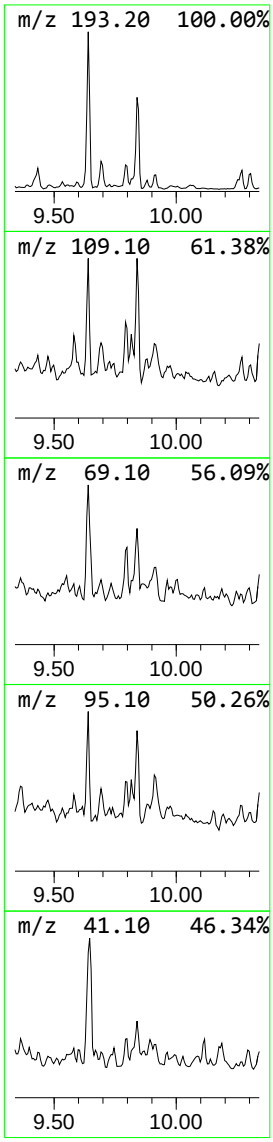
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.839	22.08 ng	1952500	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	86
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
3	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	35
4	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	18
5	6-Methyl[1,3]dioxolo[4,5-f][1,3]...	193	C9H7NO2S	004791-94-0	14





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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

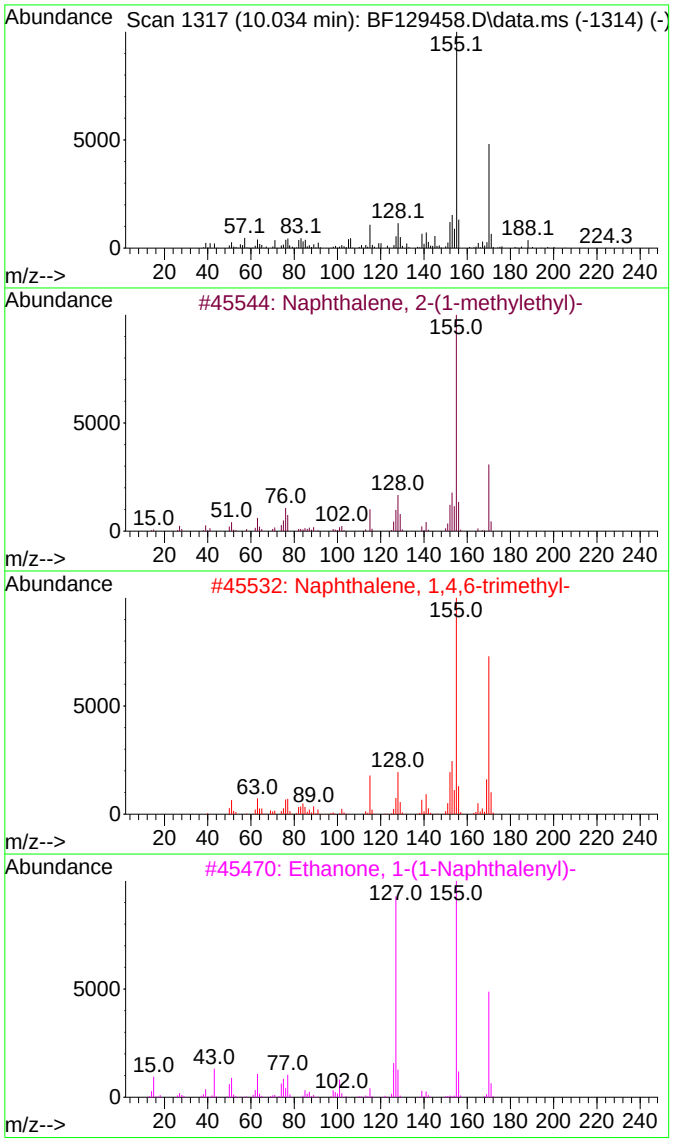
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

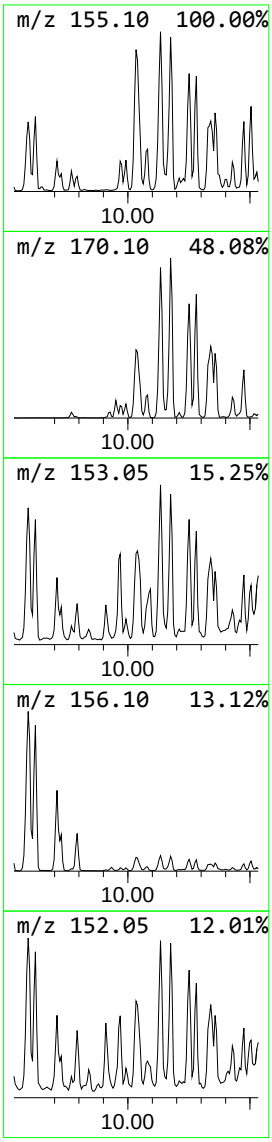
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.034	33.18 ng	2934250	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

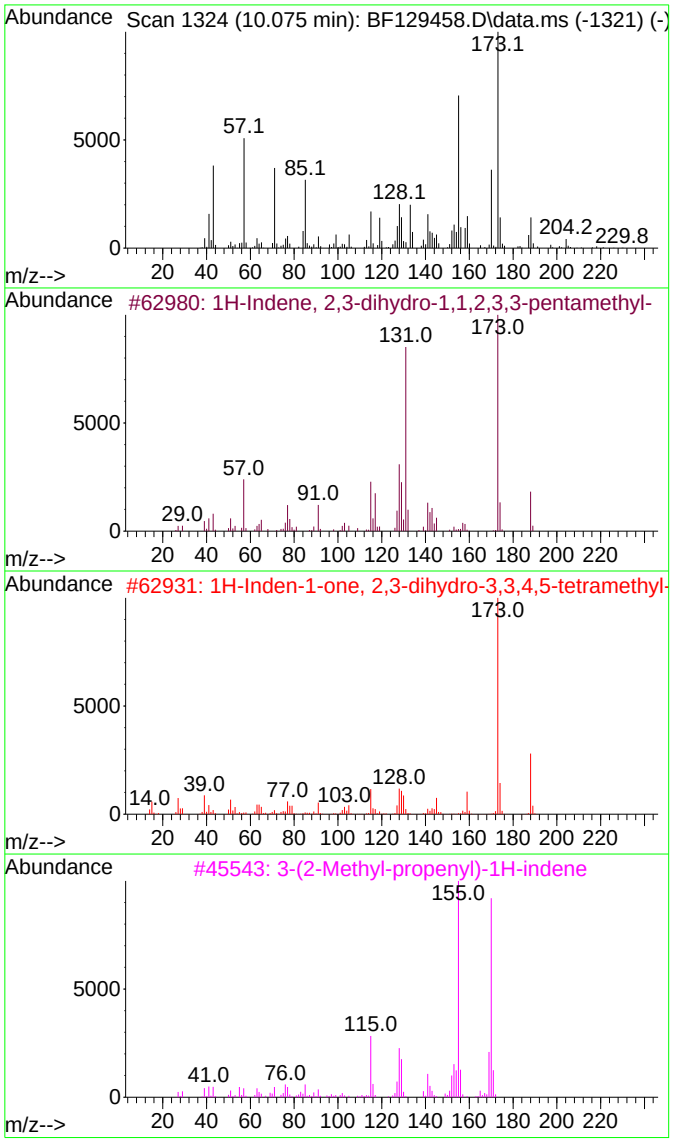
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

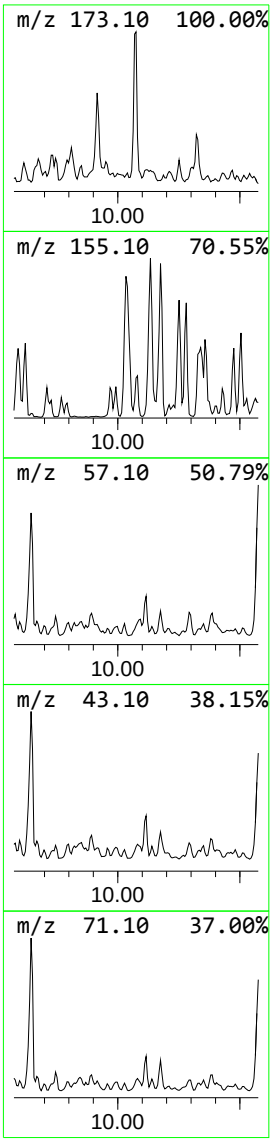
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	22.03 ng	1948250	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	60
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	55
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	52
4	1,1,4,5,6-Pentamethyl-2,3-dihydr...	188	C14H20	016204-67-4	46
5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	45





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Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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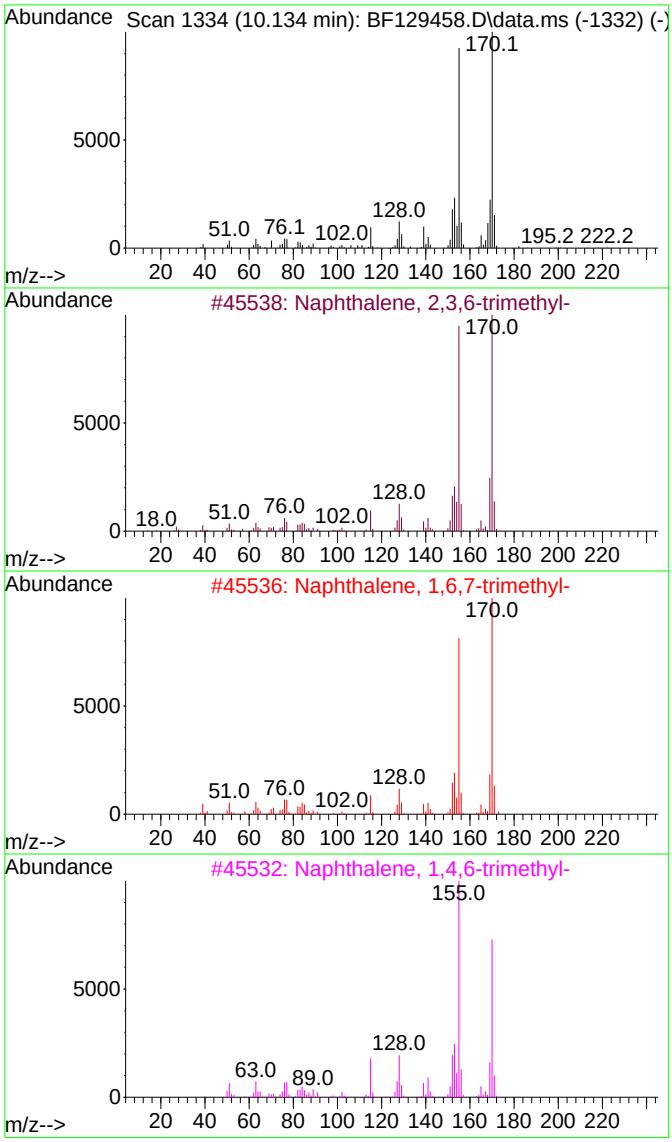
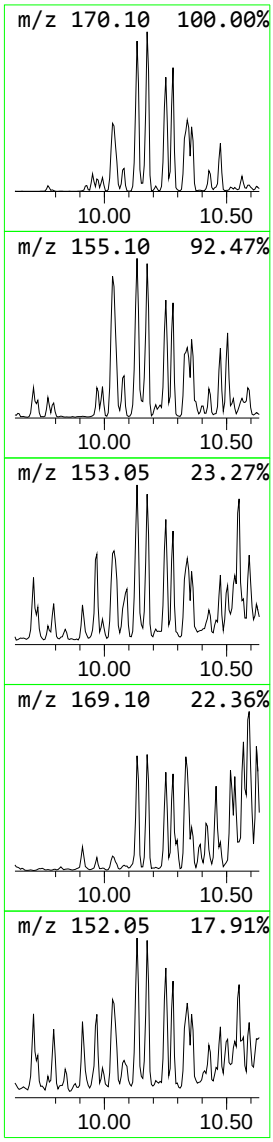
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.134	27.62 ng	2442510	Acenaphthene-d10	9.934

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	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

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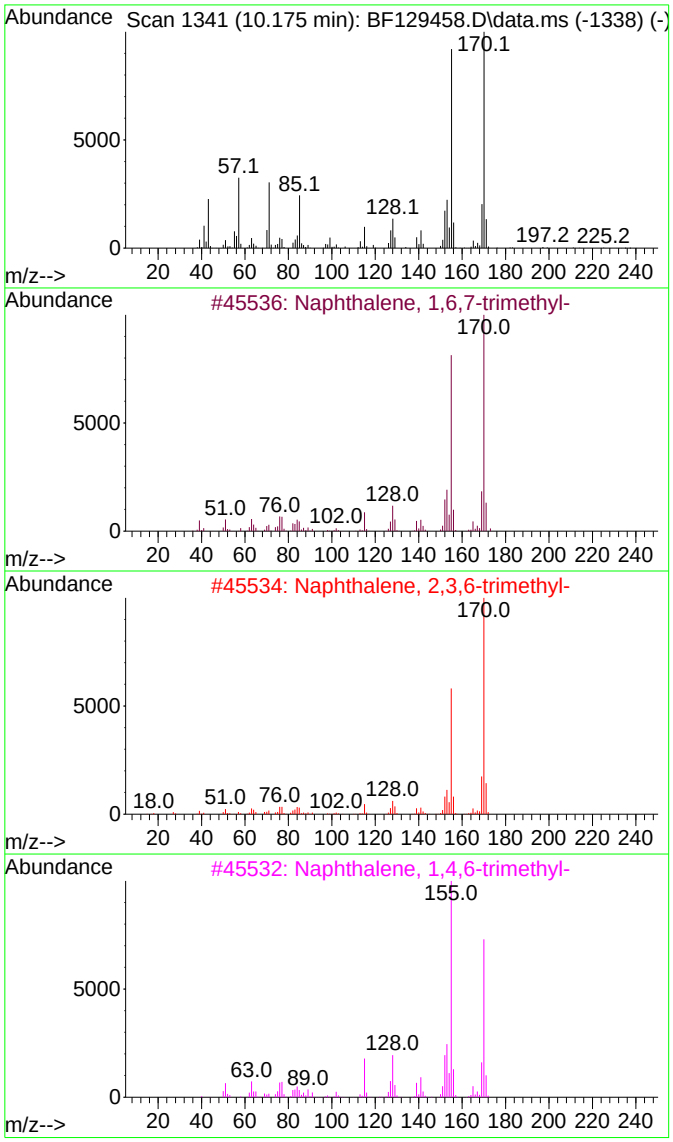
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

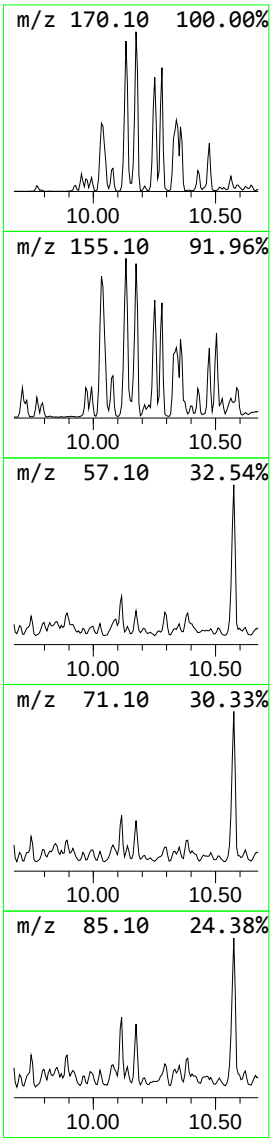
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.175	60.78 ng	5374830	Acenaphthene-d10	9.934

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





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
MHA

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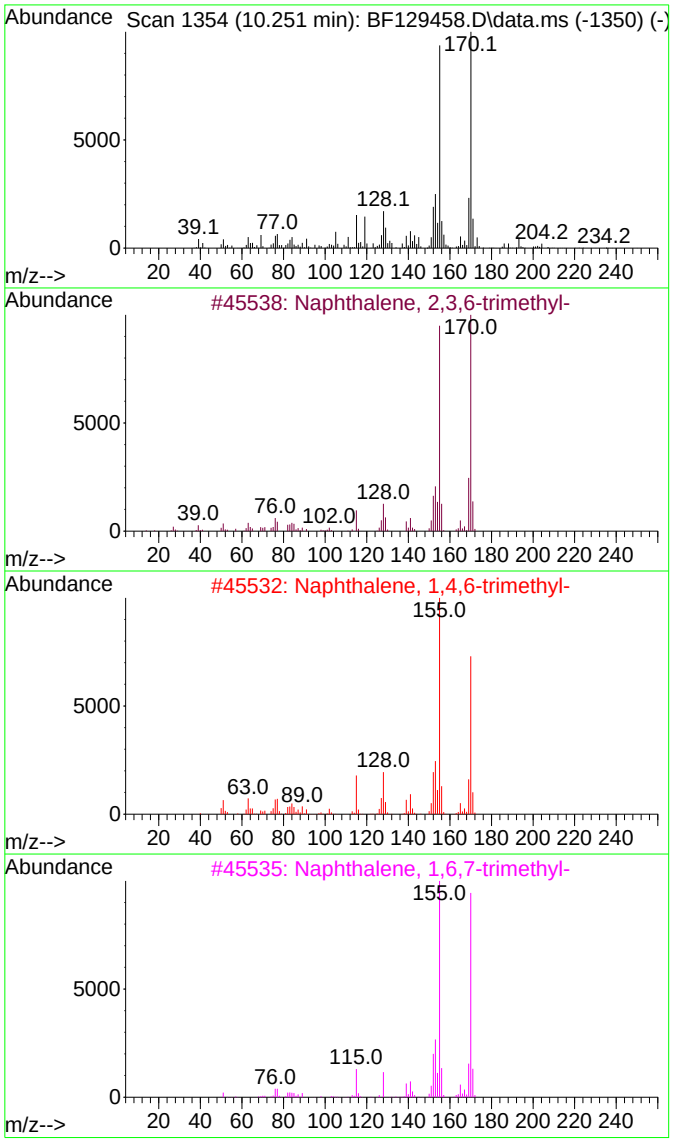
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

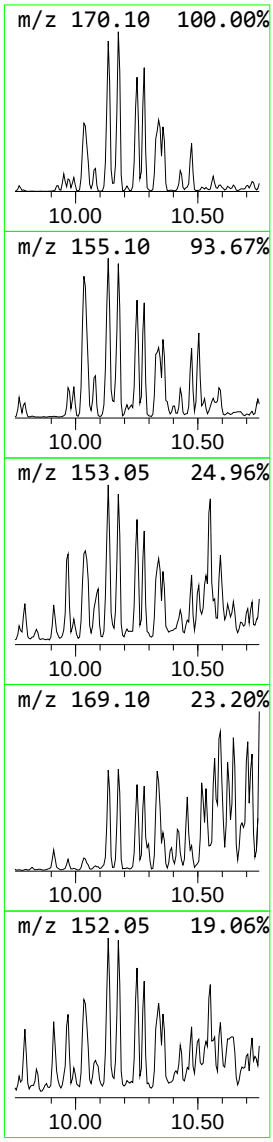
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.251	32.25 ng	2851440	Acenaphthene-d10	9.934

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

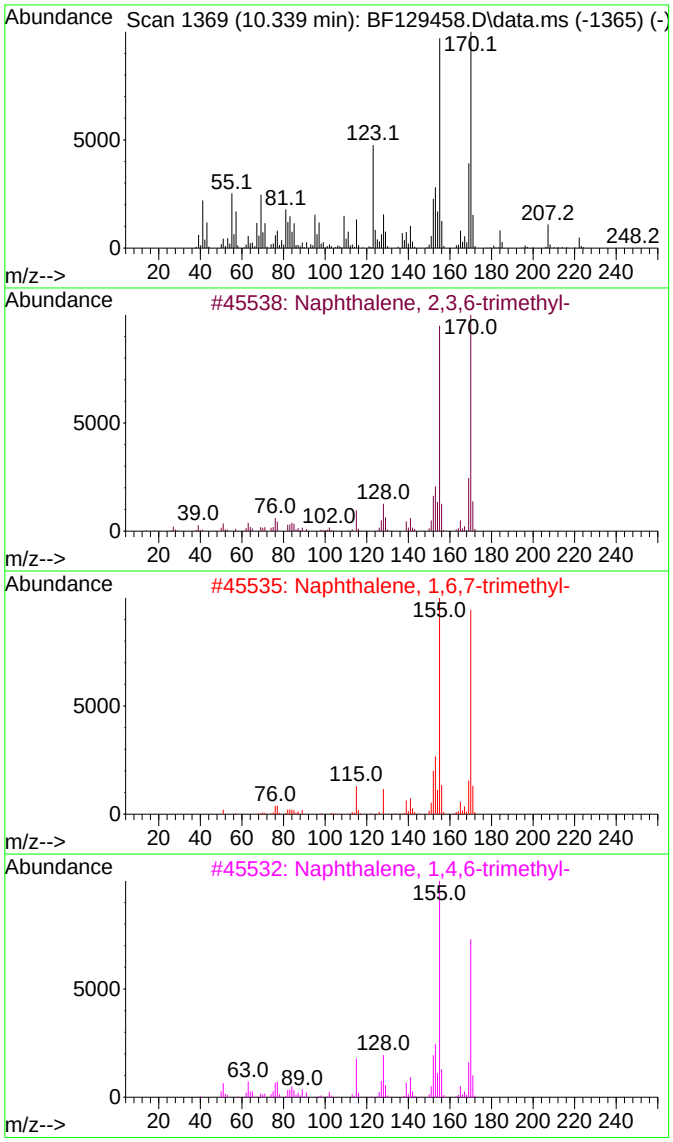
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

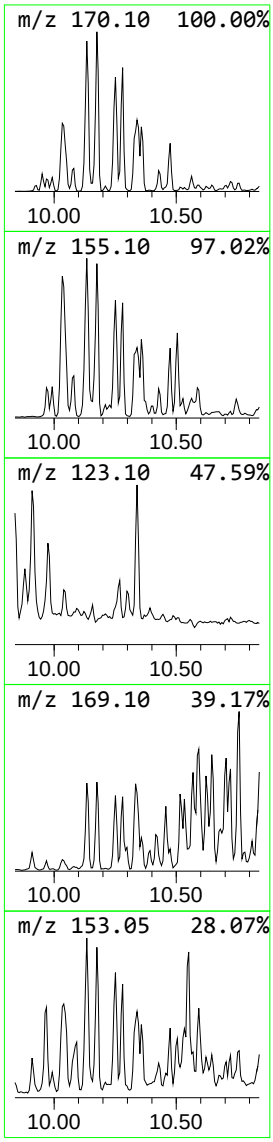
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,4,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	37.87 ng	3349090	Acenaphthene-d10	9.934

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	83





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Data File : BF129458.D
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Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

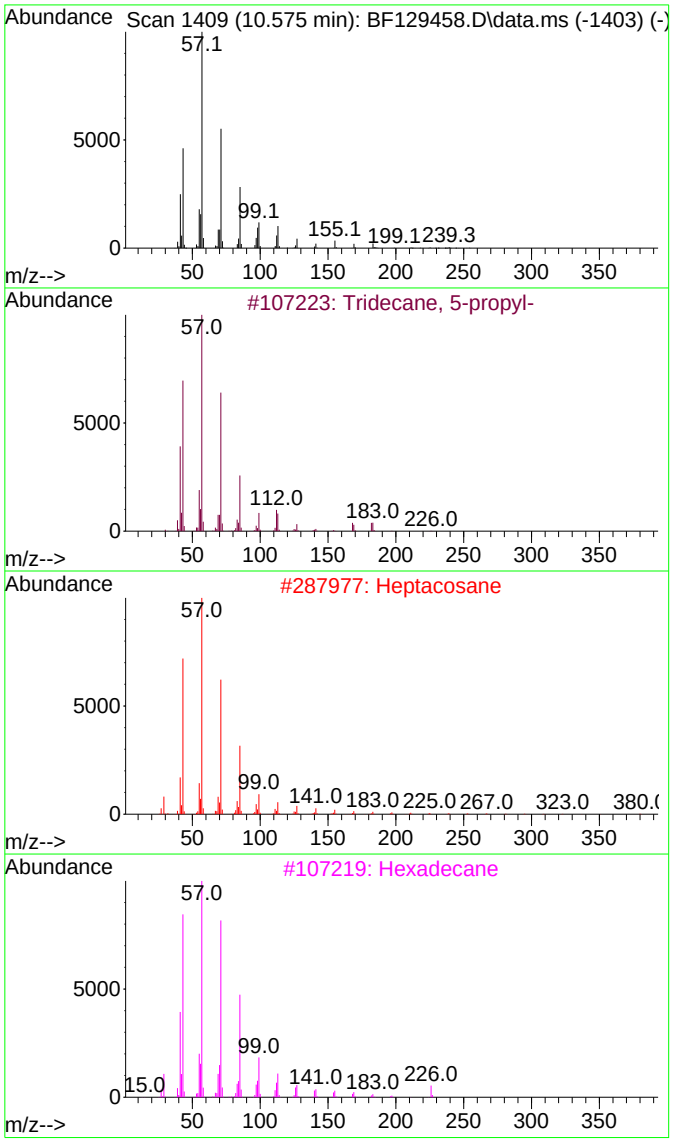
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

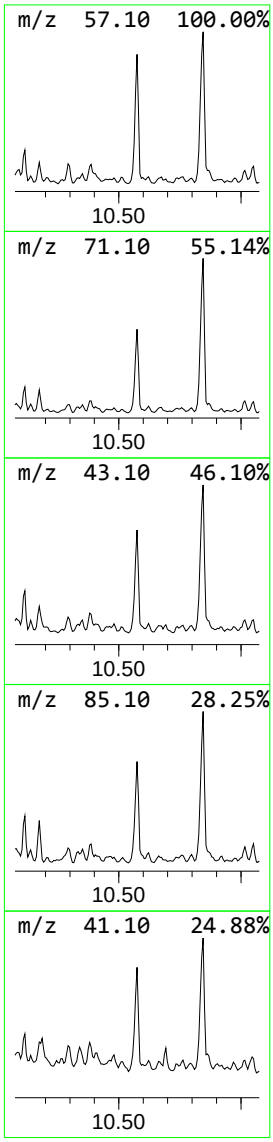
****

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.575	80.94 ng	7157180	Acenaphthene-d10	9.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
2	Heptacosane	380	C27H56	000593-49-7	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	68
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





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Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

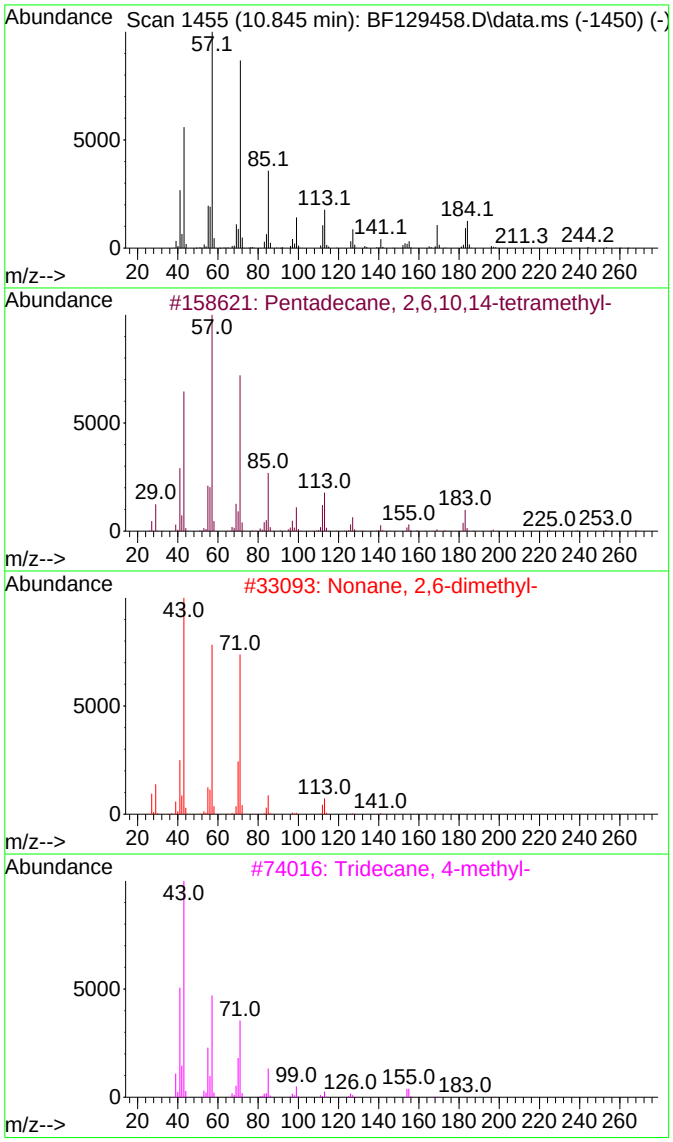
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

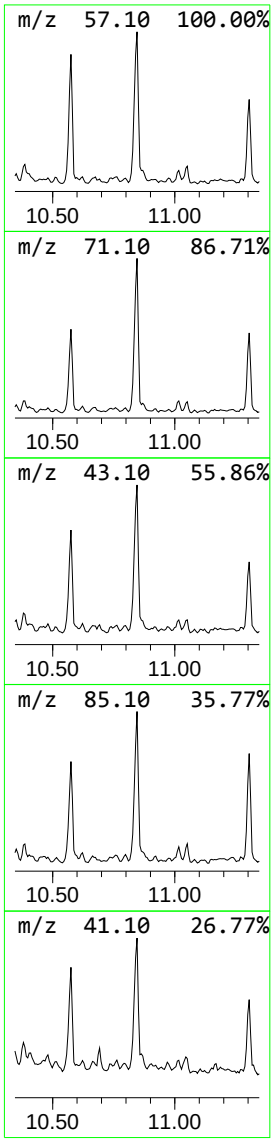
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.845	118.47 ng	9523940	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	87
2	Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64





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Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

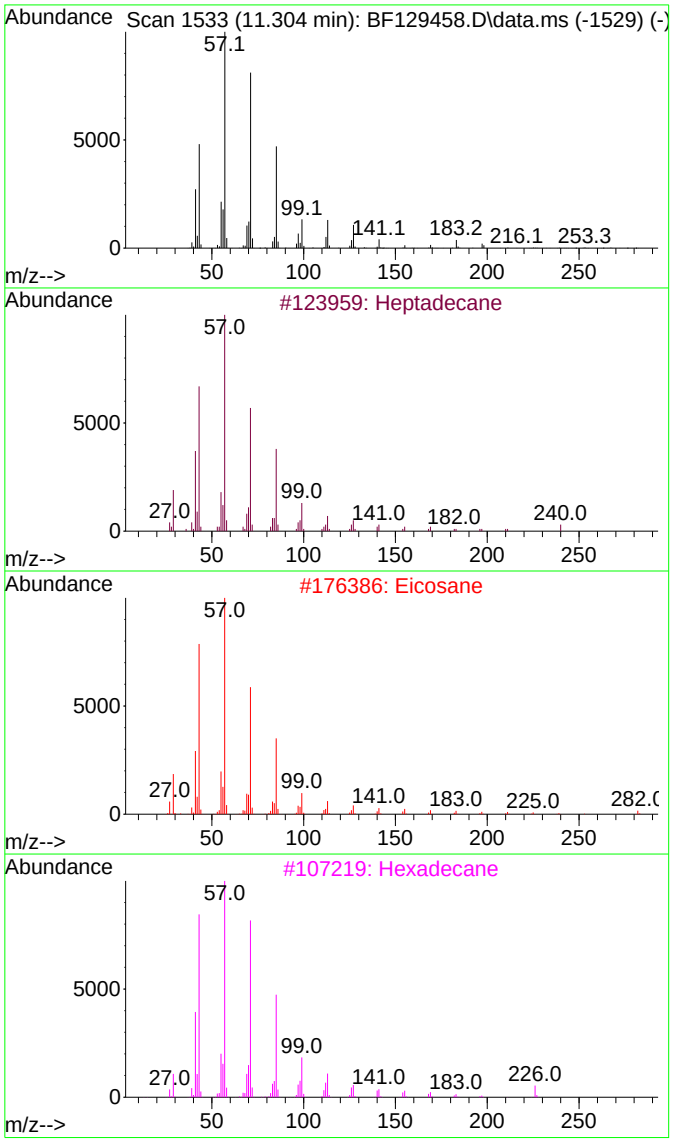
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

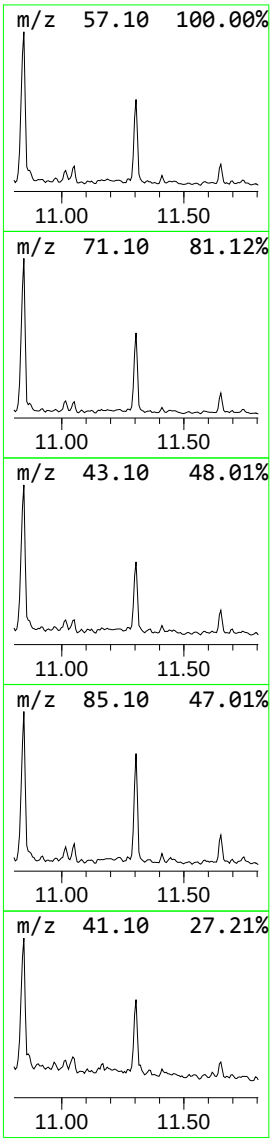
****

Peak Number 20 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	66.46 ng	5342760	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexacosane	366	C26H54	000630-01-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
Data File : BF129458.D
Acq On : 30 Jul 2022 00:02
Operator : CG\JU
Sample : N3948-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHA

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown8.457	8.457	33.4	ng	4072070	2	8.169	2440810	20.0
Octane, 2,6-dim...	8.587	44.4	ng	5421660	2	8.169	2440810	20.0
Heptylcyclohexane	9.075	27.3	ng	2409940	3	9.934	1768510	20.0
Dodecane, 2,7,1...	9.187	62.8	ng	5553520	3	9.934	1768510	20.0
Naphthalene, 2,...	9.522	53.4	ng	4718590	3	9.934	1768510	20.0
Naphthalene, 2,...	9.592	64.5	ng	5708070	3	9.934	1768510	20.0
Naphthalene, 1,...	9.622	31.0	ng	2740020	3	9.934	1768510	20.0
Tridecane	9.645	90.0	ng	7959970	3	9.934	1768510	20.0
Naphthalene, 1,...	9.710	21.8	ng	1925900	3	9.934	1768510	20.0
Naphthalene, 2-...	9.792	26.4	ng	2337570	3	9.934	1768510	20.0
Decahydro-1,1,4...	9.839	22.1	ng	1952500	3	9.934	1768510	20.0
Naphthalene, 2-...	10.034	33.2	ng	2934250	3	9.934	1768510	20.0
1H-Indene, 2,3-...	10.075	22.0	ng	1948250	3	9.934	1768510	20.0
Naphthalene, 2,...	10.134	27.6	ng	2442510	3	9.934	1768510	20.0
Naphthalene, 1,...	10.175	60.8	ng	5374830	3	9.934	1768510	20.0
Naphthalene, 1,...	10.251	32.3	ng	2851440	3	9.934	1768510	20.0
Naphthalene, 1,...	10.339	37.9	ng	3349090	3	9.934	1768510	20.0
Tridecane, 5-pr...	10.575	80.9	ng	7157180	3	9.934	1768510	20.0
Pentadecane, 2,...	10.845	118.5	ng	9523940	4	11.422	1607870	20.0
Heptadecane	11.304	66.5	ng	5342760	4	11.422	1607870	20.0