LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC-WC

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-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123392.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.993	490	494	499	rBV	246873	280203	5.45%	0.340%
2	5.416	562	566	574	rVV	3068348	3070295	59.77%	3.724%
3	5.563	587	591	594	rBV2	211459	273377	5.32%	0.332%
4	5.599	594	597	600	rVB	254920	242812	4.73%	0.294%
5	5.810	627	633	637	rVB3	411977	577926	11.25%	0.701%
6	5.851	637	640	644	rBV3	133277	208832	4.07%	0.253%
7	5.946	653	656	661	rVB3	479972	616379	12.00%	0.748%
8	6.040	669	672	678	rVB2	609695	708103	13.79%	0.859%
9	6.122	683	686	690	rVV3	165403	207946	4.05%	0.252%
10	6.228	699	704	706	rBV2	442835	532378	10.36%	0.646%
11	6.246	706	707	713	rVB	427605	402388	7.83%	0.488%
12	6.316	716	719	722	rBV2	485344	607017	11.82%	0.736%
13	6.346	722	724	729	rVB2	247940	268000	5.22%	0.325%
14	6.434	735	739	742	rVV	2022173	2120992	41.29%	2.572%
15	6.457	742	743	747	rVV3	343258	350790	6.83%	0.425%
16	6.534	752	756	760	rBV4	339543	531045	10.34%	0.644%
17	6.628	768	772	774	rBV4	291036	452821	8.82%	0.549%
18	6.728	785	789	790	rBV2	358518	380571	7.41%	0.462%
19	6.745	790	792	796	rVV	399504	411079	8.00%	0.499%
20	6.787	796	799	806	rVB	1403265	1525441	29.70%	1.850%
21	6.851	806	810	813	rBV2	466688	503599	9.80%	0.611%
22	6.881	813	815	817	rBV2	237726	232517	4.53%	0.282%
23	6.910	817	820	822	rVB	251980	232302	4.52%	0.282%
24	6.940	822	825	828	rBV2	607777	743331	14.47%	0.901%
25	6.969	828	830	833	rVB	860457	700364	13.63%	0.849%
26	7.040	836	842	844	rBV2	952324	990418	19.28%	1.201%
27	7.063	844	846	850	rVB2	305167	318381	6.20%	0.386%
28	7.110	850	854	856	rBV	566672	523920	10.20%	0.635%
29	7.134	856	858	862	rVB2	576638	506495	9.86%	0.614%
30	7.187	863	867	870	rBV3	902147	886908	17.27%	1.076%
31	7.328	884	891	893	rBV2	2455467	2874412	55.96%	3.486%
32	7.357	893	896	900	rVB3	3756574	4225868	82.27%	5.125%
33	7.434	905	909	913	rBV5	960106	1065679	20.75%	1.292%
34	7.481	913	917	919	rBV	609216	814122	15.85%	0.987%
35	7.563	928	931	934	rVB2	1789733	1538965	29.96%	1.866%
36	7.598	934	937	939	rBV2	282139	248475	4.84%	0.301%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123392.D
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Operator : JU/CG
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC-WC

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-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.675	946	950	954	rBV3	407611	550313	10.71%	0.667%
38	7.722	954	958	961	rBV4	632360	837628	16.31%	1.016%
39	7.816	969	974	977	rBV2	3370348	3406674	66.32%	4.131%
40	7.845	977	979	983	rVV2	535863	559066	10.88%	0.678%
41	7.892	983	987	989	rVV3	316100	377919	7.36%	0.458%
42	7.945	993	996	1000	rVB	406152	378550	7.37%	0.459%
43	7.981	1000	1002	1006	rBV2	285516	317173	6.17%	0.385%
44	8.075	1013	1018	1020	rVV2	1956728	2467179	48.03%	2.992%
45	8.122	1024	1026	1030	rVB2	639140	586874	11.43%	0.712%
46	8.163	1030	1033	1036	rVB2	382798	301942	5.88%	0.366%
47	8.228	1041	1044	1046	rBV	335959	260460	5.07%	0.316%
48	8.322	1058	1060	1063	rVV2	249435	288416	5.61%	0.350%
49	8.351	1063	1065	1071	rVB3	332703	349410	6.80%	0.424%
50	8.457	1078	1083	1087	rVB3	541414	655341	12.76%	0.795%
51	8.539	1095	1097	1101	rVB2	333406	272493	5.30%	0.330%
52	8.575	1101	1103	1109	rVB4	309768	292995	5.70%	0.355%
53	8.663	1115	1118	1121	rBV2	250635	246318	4.80%	0.299%
54	8.734	1127	1130	1132	rVB2	283857	245656	4.78%	0.298%
55	8.769	1132	1136	1137	rBV3	176850	207271	4.04%	0.251%
56	8.787	1137	1139	1142	rVB	968983	731331	14.24%	0.887%
57	8.857	1147	1151	1152	rBV2	212502	229784	4.47%	0.279%
58	8.887	1152	1156	1160	rVB	1250972	1118294	21.77%	1.356%
59	9.016	1175	1178	1180	rBV2	217301	265576	5.17%	0.322%
60	9.069	1184	1187	1189	rBV	466861	442766	8.62%	0.537%
61	9.098	1189	1192	1194	rVV4	303318	278132	5.41%	0.337%
62	9.151	1196	1201	1204	rVB	5112512	5136744	100.00%	6.230%
63	9.292	1223	1225	1227	rVV2	450329	440259	8.57%	0.534%
64	9.316	1227	1229	1232	rVV3	289512	317711	6.19%	0.385%
65	9.345	1232	1234	1241	rVB2	295232	441067	8.59%	0.535%
66	9.416	1241	1246	1250	rBV	657583	973232	18.95%	1.180%
67	9.486	1252	1258	1261	rVV	1210023	1432106	27.88%	1.737%
68	9.516	1261	1263	1265	rVV	666301	538246	10.48%	0.653%
69	9.551	1265	1269	1272	rVB2	434560	505178	9.83%	0.613%
70	9.604	1274	1278	1284	rVV4	908973	1187879	23.13%	1.441%
71	9.686	1290	1292	1297	rVB2	459461	427186	8.32%	0.518%
72	9.739	1297	1301	1302	rBV2	300848	339340	6.61%	0.412%
73	9.757	1302	1304	1310	rVB3	419377	485781	9.46%	0.589%
74	9.828	1310	1316	1320	rBV	2172975	2386963	46.47%	2.895%
75	9.863	1320	1322	1325	rVB2	234166	208341	4.06%	0.253%
76	9.934	1330	1334	1339	rVV4	315937	494724	9.63%	0.600%

LSC Area Percent Report

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Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC-WC

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.034	1347	1351	1353	rVV	512042	592727	11.54%	0.719%
78	10.069	1353	1357	1359	rVV2	482023	667036	12.99%	0.809%
79	10.122	1362	1366	1368	rVV	754859	881018	17.15%	1.068%
80	10.151	1368	1371	1373	rVV2	946077	966556	18.82%	1.172%
81	10.175	1373	1375	1380	rVV2	408340	413558	8.05%	0.502%
82	10.234	1381	1385	1387	rVV3	275369	396448	7.72%	0.481%
83	10.257	1387	1389	1393	rVB4	266726	253004	4.93%	0.307%
84	10.445	1418	1421	1423	rVV	478970	431532	8.40%	0.523%
85	10.628	1447	1452	1455	rVB	2539655	2757642	53.68%	3.344%
86	10.745	1469	1472	1475	rVB2	382570	397510	7.74%	0.482%
87	10.957	1504	1508	1510	rVV3	310050	356714	6.94%	0.433%
88	11.051	1520	1524	1531	rVB7	148836	365199	7.11%	0.443%
89	11.216	1549	1552	1556	rVB	246574	261771	5.10%	0.317%
90	11.316	1566	1569	1572	rBV	1815971	1616713	31.47%	1.961%
91	11.780	1645	1648	1652	rBV	227702	276305	5.38%	0.335%
92	11.857	1657	1661	1668	rVV2	1553121	1544391	30.07%	1.873%
93	11.928	1670	1673	1676	rVV	537593	484870	9.44%	0.588%
94	12.292	1731	1735	1739	rVB2	372150	407360	7.93%	0.494%
95	12.639	1791	1794	1800	rBV	399535	386270	7.52%	0.468%
96	12.910	1835	1840	1843	rBV2	3948130	4292953	83.57%	5.206%
97	13.810	1990	1993	2003	rVB	1077067	1249148	24.32%	1.515%
98	13.963	2015	2019	2023	rVB	1093535	998449	19.44%	1.211%
99	15.404	2260	2264	2275	rVB2	781163	1076286	20.95%	1.305%
100	15.915	2347	2351	2358	rBV3	111740	226364	4.41%	0.275%

Sum of corrected areas: 82456293

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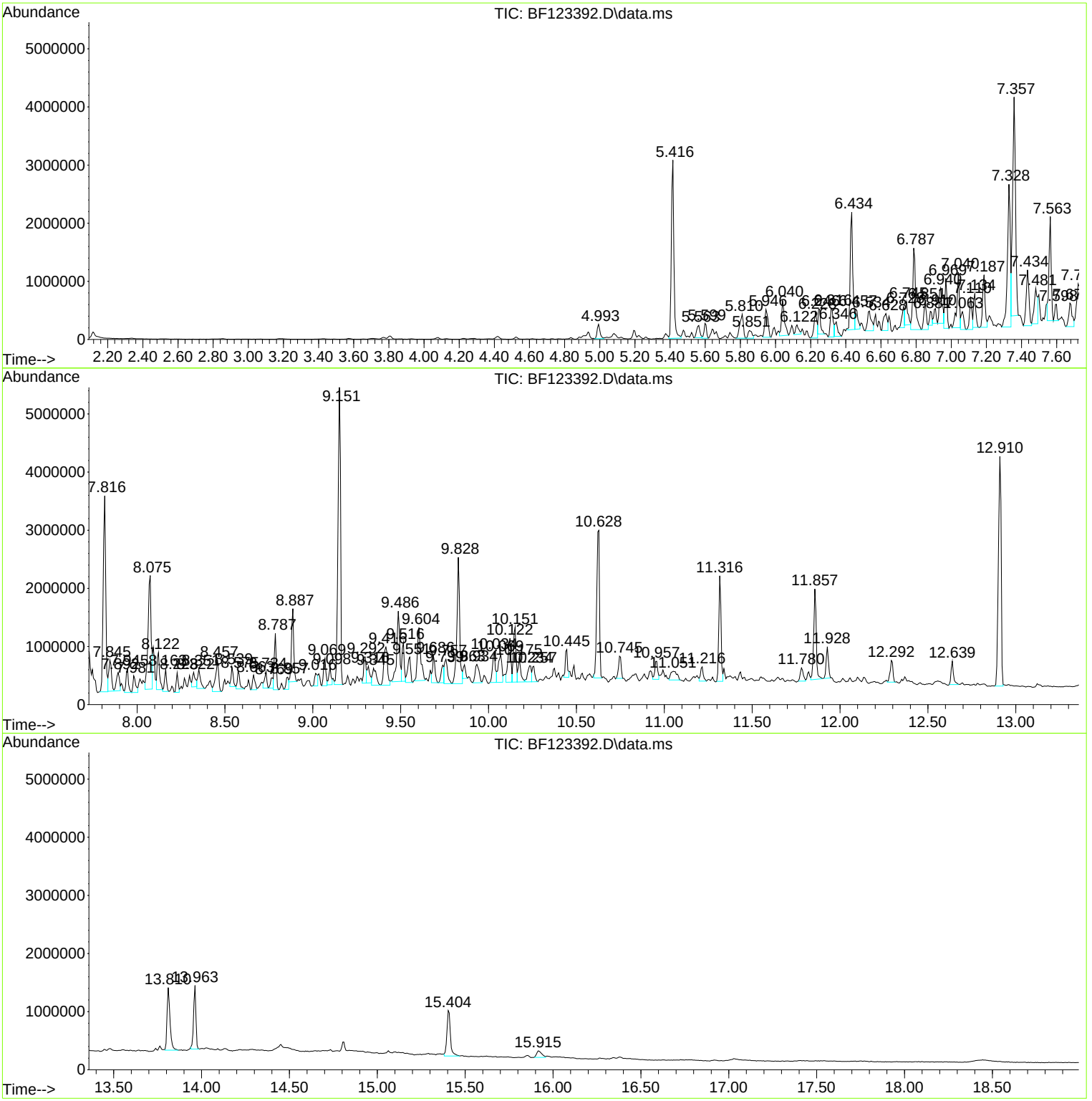
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
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Instrument : BNA_F
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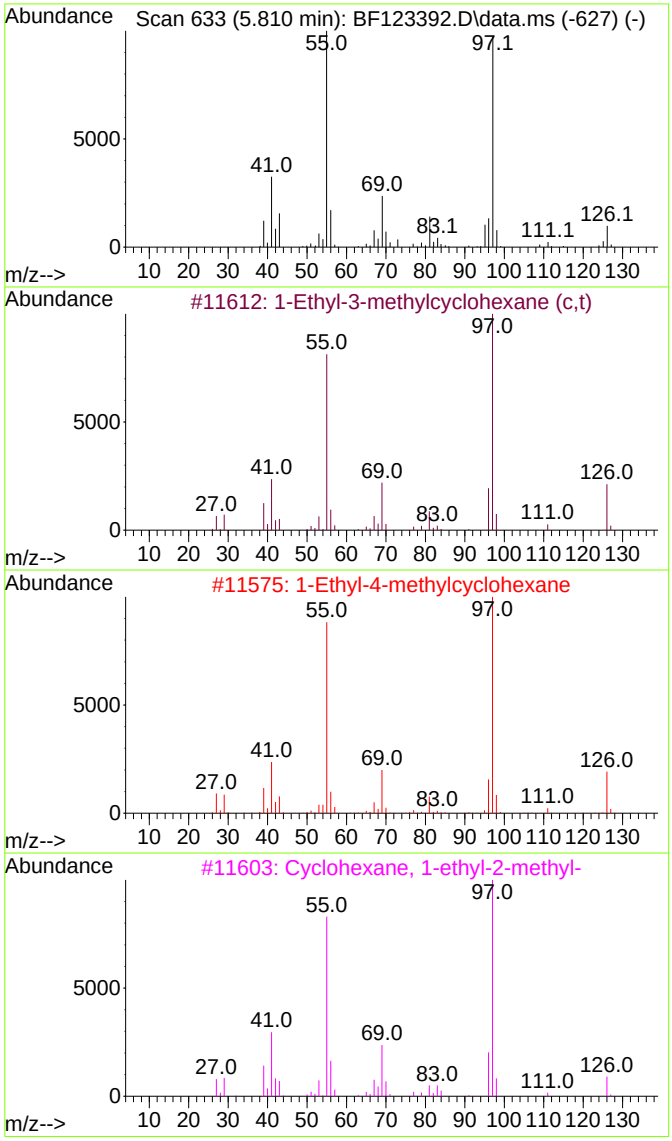
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

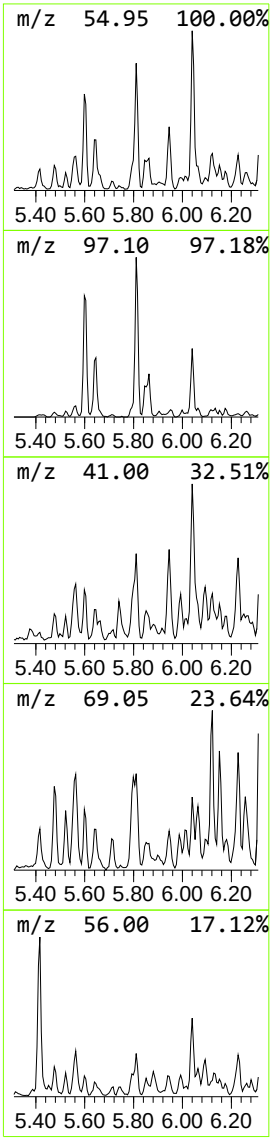
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Ethyl-3-methylcyclohexane... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.810	7.58 ng	577926	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	90
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	86
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
4	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	74
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
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Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

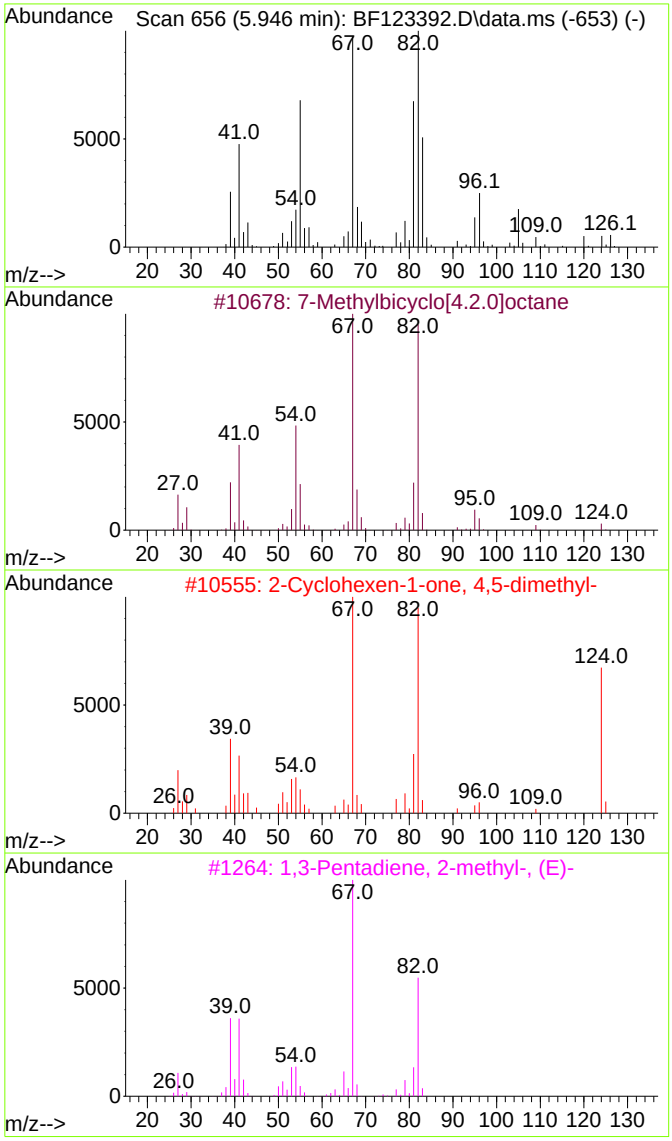
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

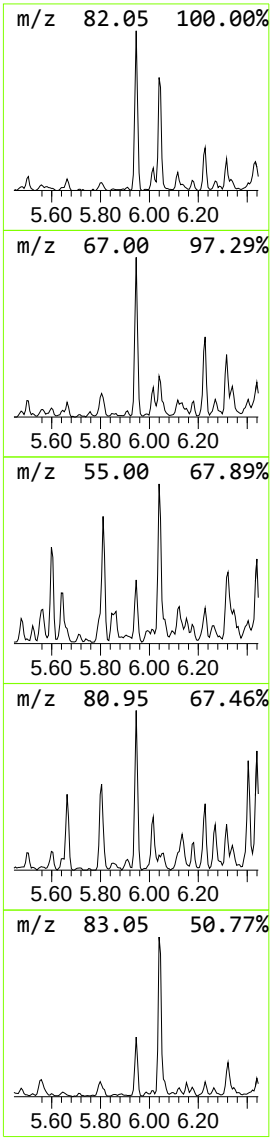
****

Peak Number 2 7-Methylbicyclo[4.2.0]octane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.946	8.08 ng	616379	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	70
2	2-Cyclohexen-1-one, 4,5-dimethyl-	124	C8H12O	005715-25-3	53
3	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	49
4	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	49
5	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	47





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Data File : BF123392.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

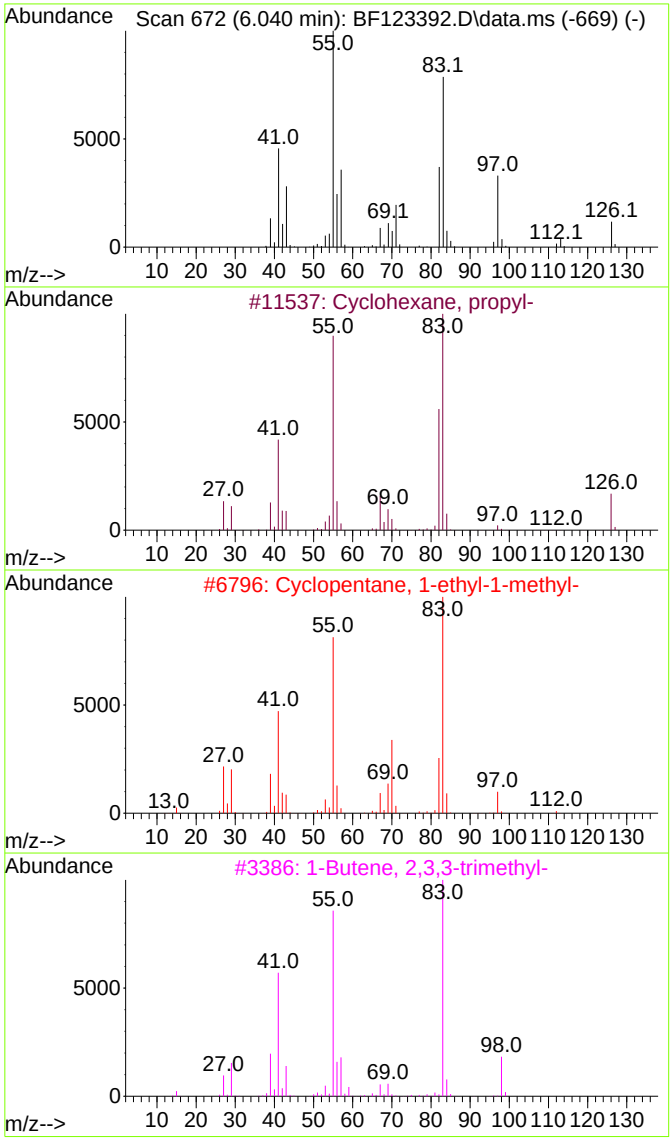
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

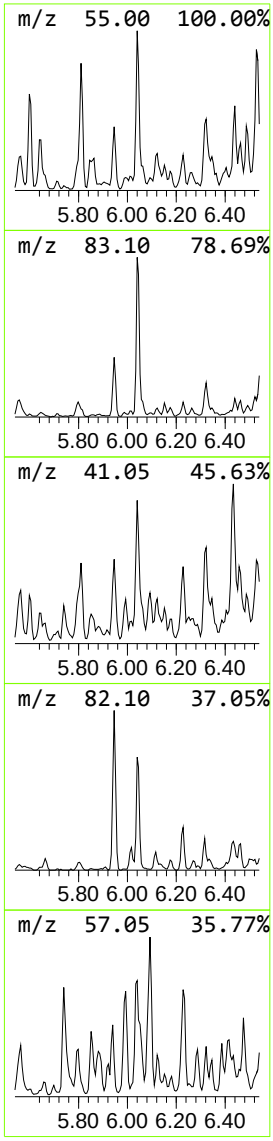
****

Peak Number 3 Cyclohexane, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.040	9.28 ng	708103	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	52
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	49
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	47
4	Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

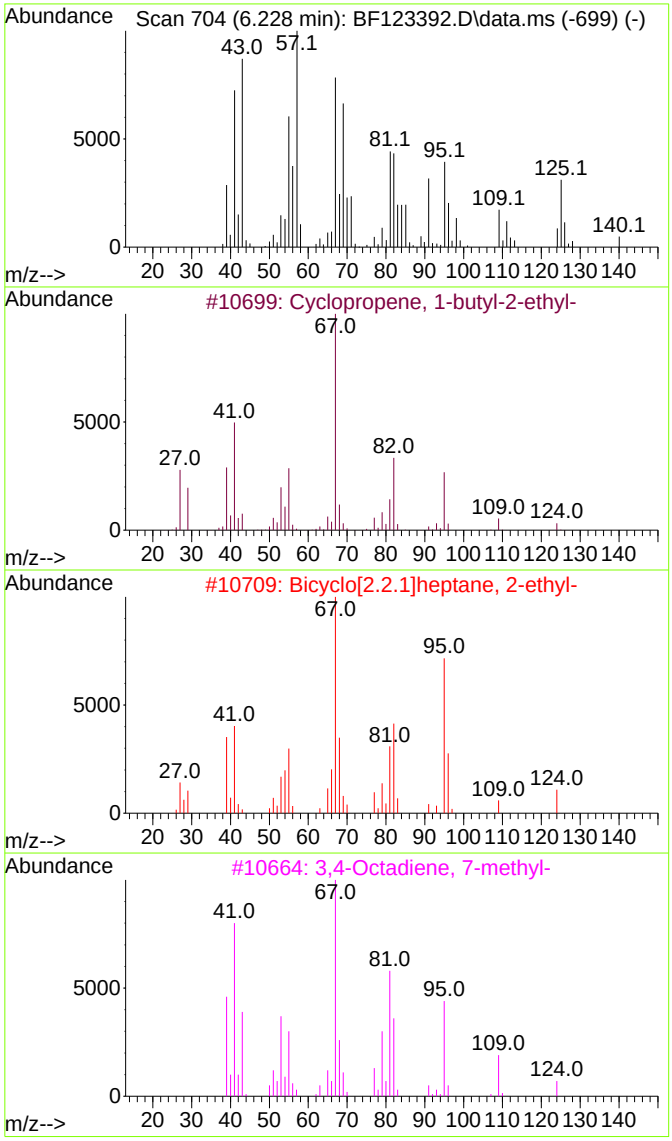
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

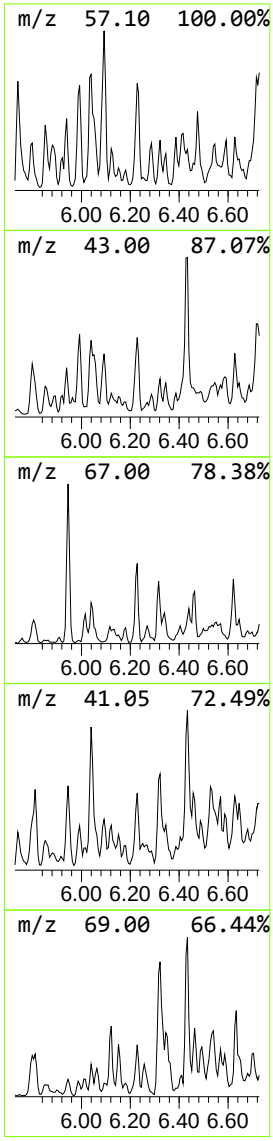
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopropene, 1-butyl-2-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.228	6.98 ng	532378	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropene, 1-butyl-2-ethyl-	124	C9H16	050915-91-8	52
2	Bicyclo[2.2.1]heptane, 2-ethyl-	124	C9H16	002146-41-0	49
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	46
4	3-Octyne, 6-methyl-	124	C9H16	062108-34-3	43
5	3-Octyne, 2-methyl-	124	C9H16	055402-15-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

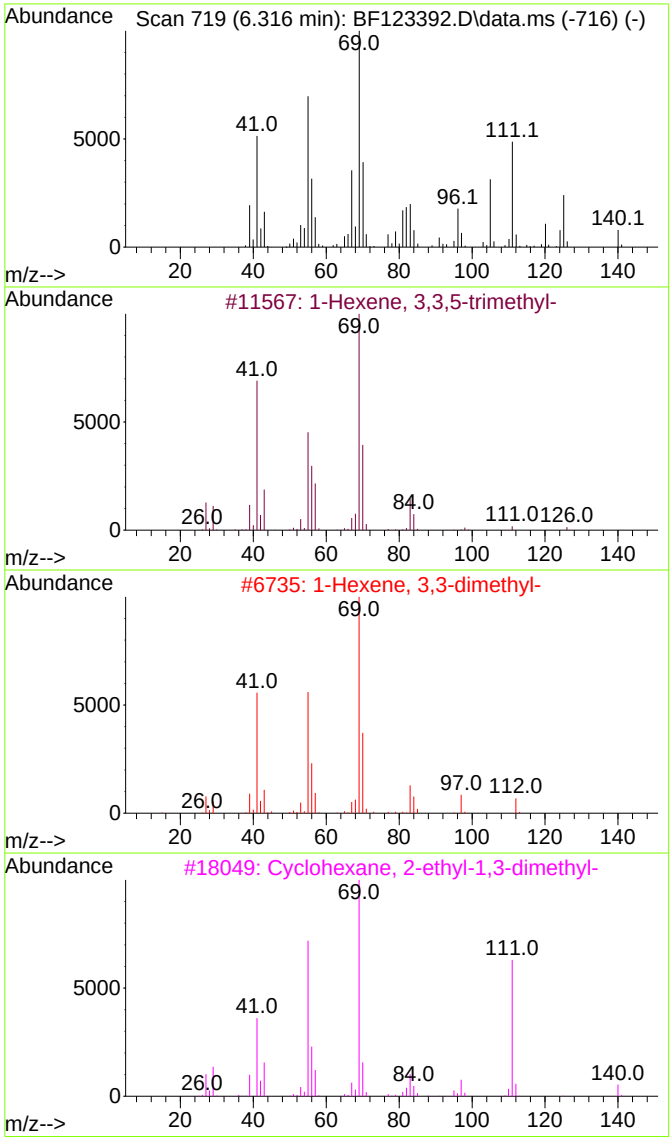
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

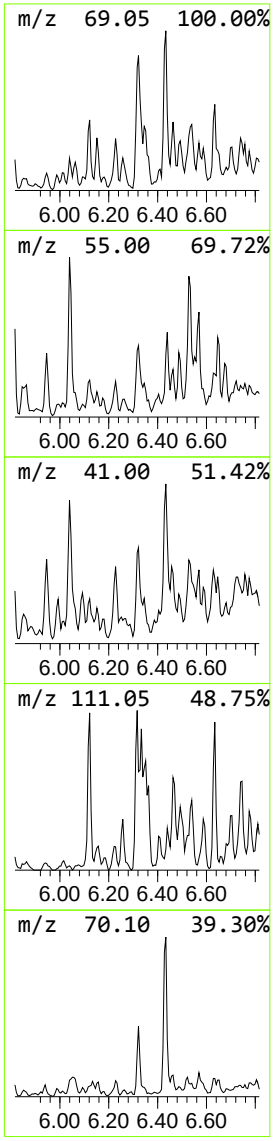
****

Peak Number 5 unknown6.316 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.316	7.96 ng	607017	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	49
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	45
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	45
4	2,3,4-Trimethyl-hex-3-enal	140	C9H16O	1000193-72-9	43
5	3-Methyl-2-hexene	98	C7H14	017618-77-8	43





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Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

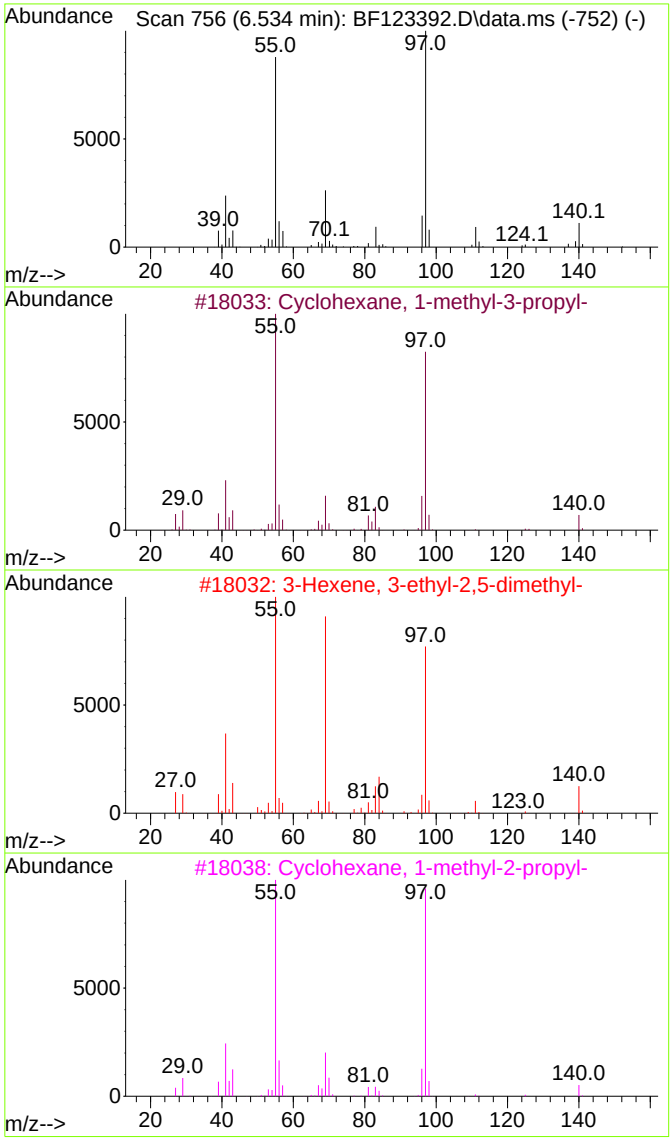
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

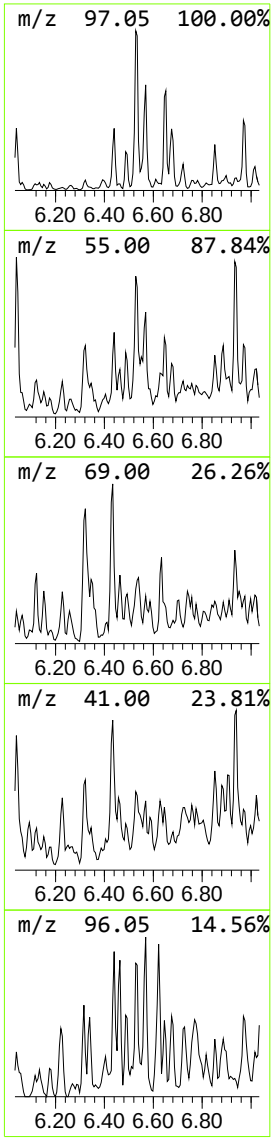
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1-methyl-3-pro... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.534	6.96 ng	531045	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	86
2	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	80
3	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	72
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72
5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	64





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Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

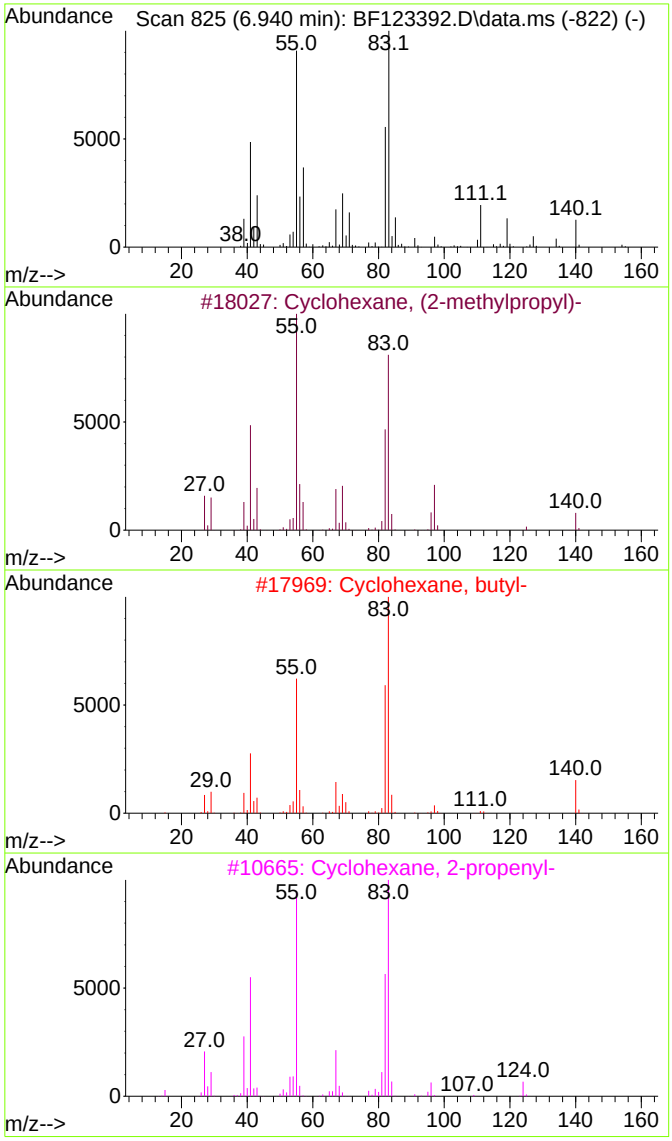
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

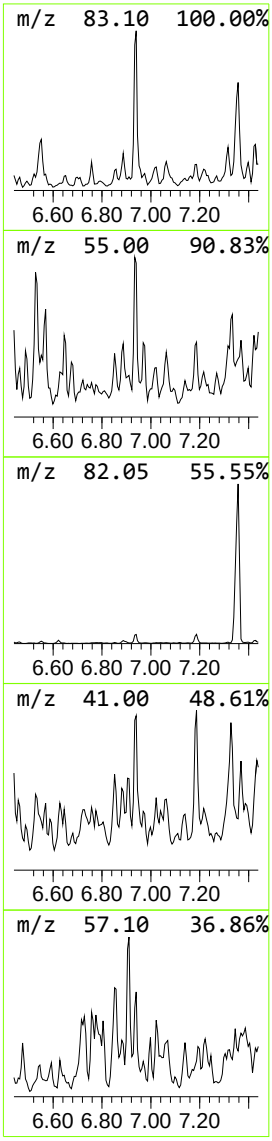
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.940	9.75 ng	743331	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	62
3	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	50
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	50
5	1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	49





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Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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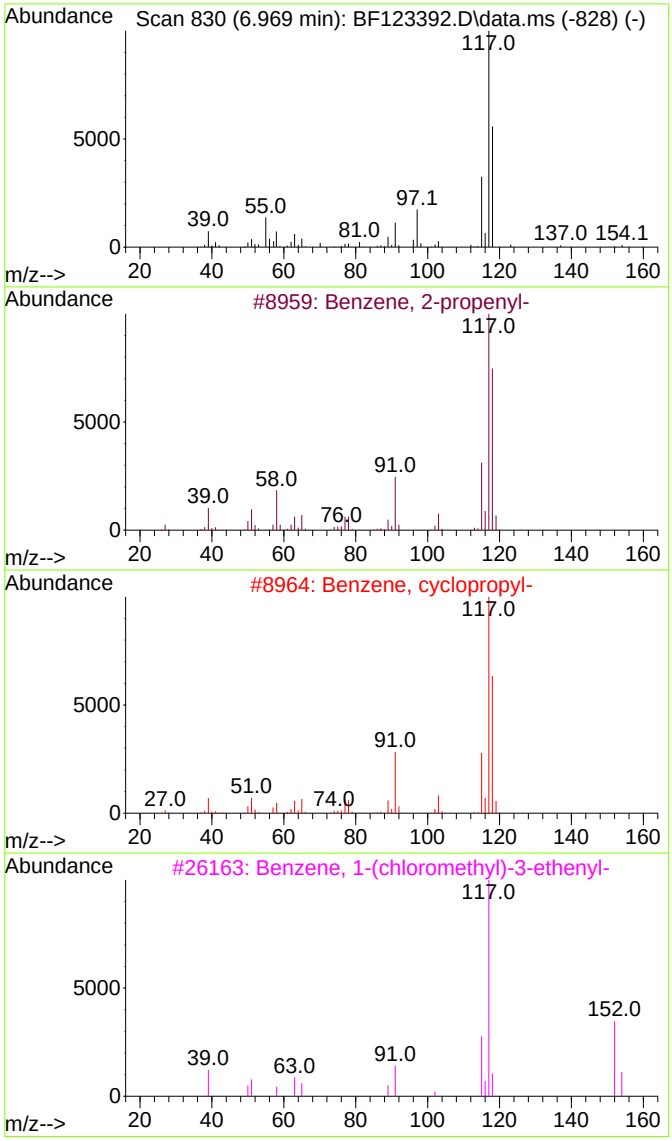
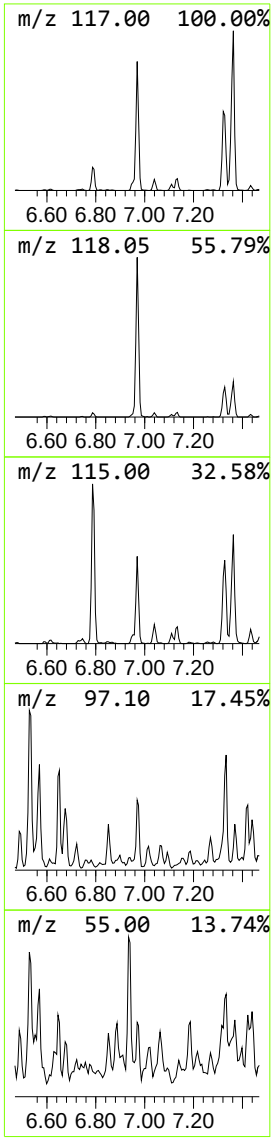
Peak Number 8 Benzene, 2-propenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.969	9.18 ng	700364	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59
3	Benzene, 1-(chloromethyl)-3-ethe...	152	C9H9Cl	039833-65-3	53
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	50
5	m-Aminophenylacetylene	117	C8H7N	054060-30-9	43





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Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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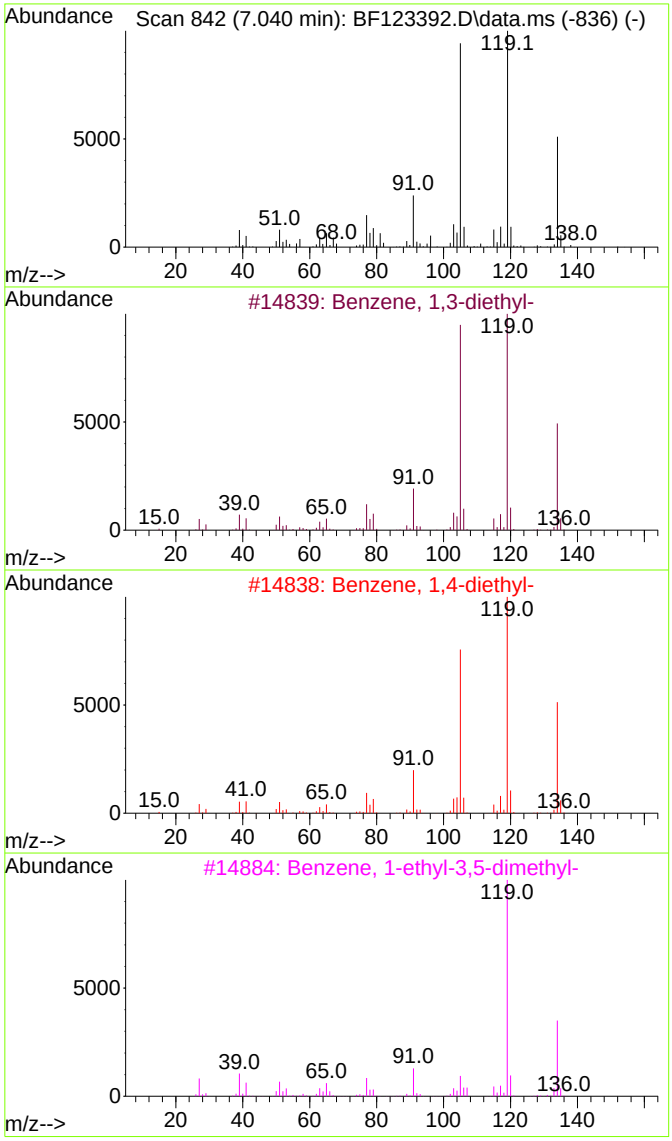
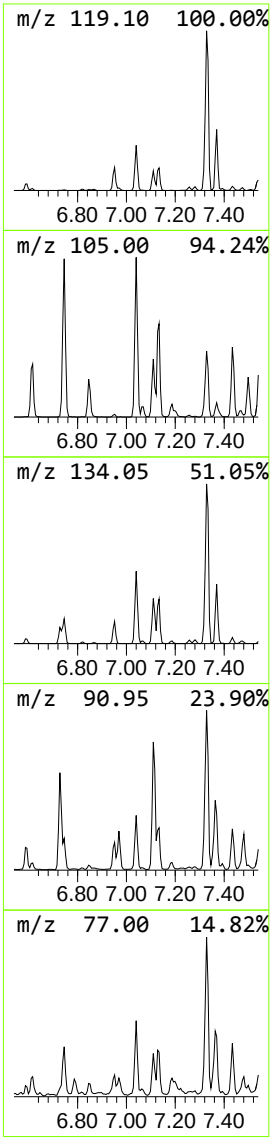
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.040	12.99 ng	990418	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	83
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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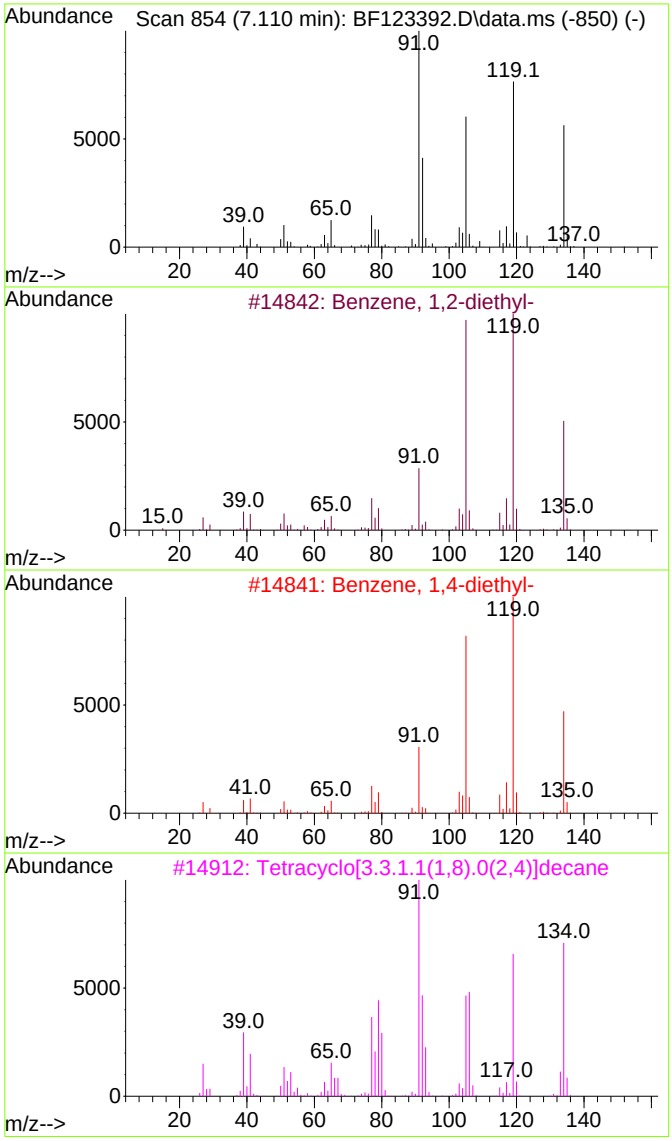
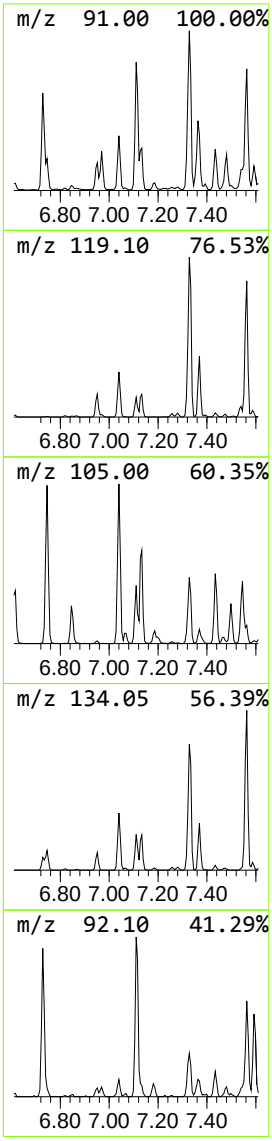
Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	6.87 ng	523920	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	86
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
5	3a,6-Methano-3aH-indene, 2,3,4,5...	134	C10H14	098640-10-9	80





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Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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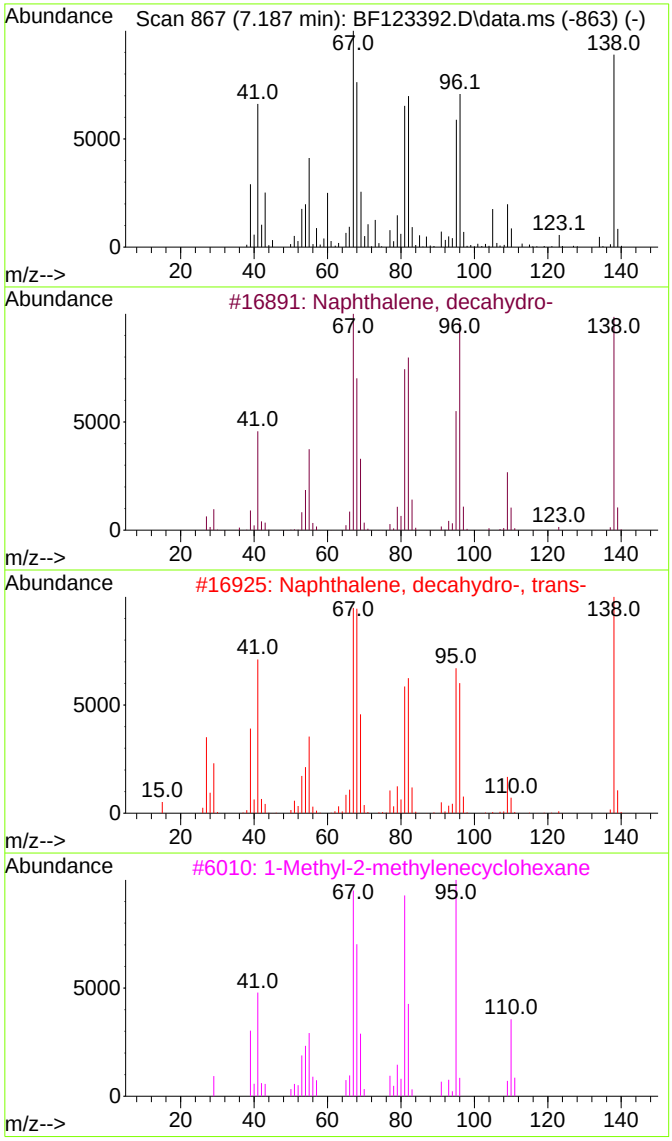
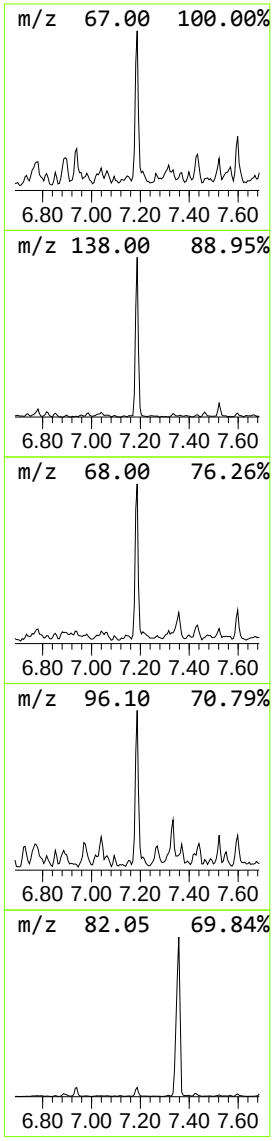
Peak Number 11 Naphthalene, decahydro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.187	11.63 ng	886908	1,4-Dichlorobenzene-d4	6.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	94
3	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	87
4	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	86
5	2H-Inden-2-one, octahydro-, cis-	138	C9H14O	005689-04-3	80





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Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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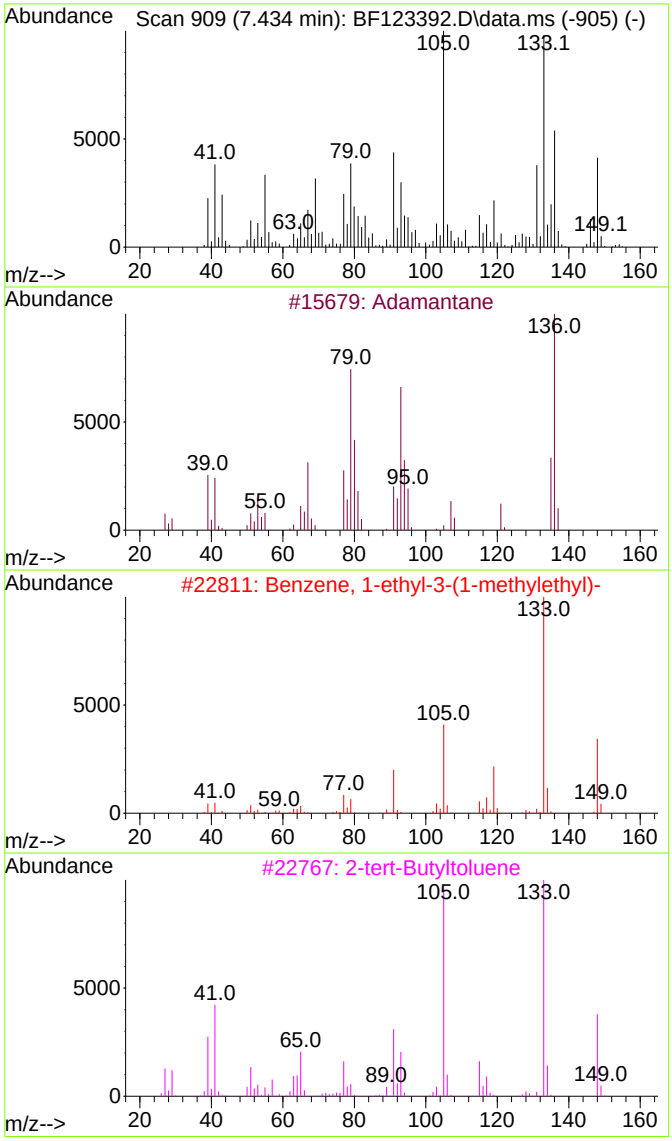
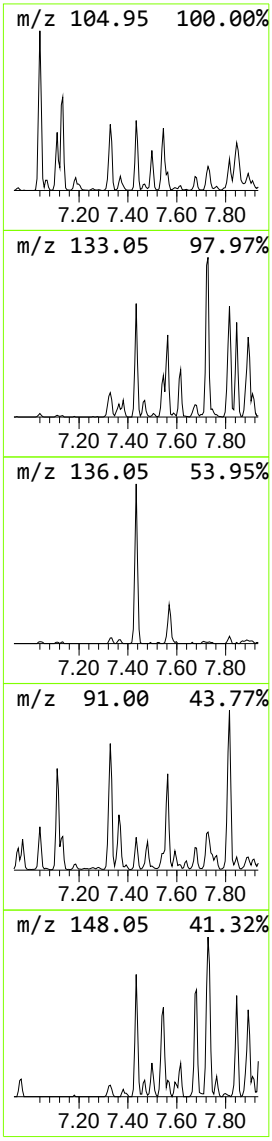
Peak Number 12 Adamantane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.434	8.64 ng	1065680	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adamantane	136	C10H16	000281-23-2	92
2	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	70
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	60
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	50
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	49





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Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MC-WC

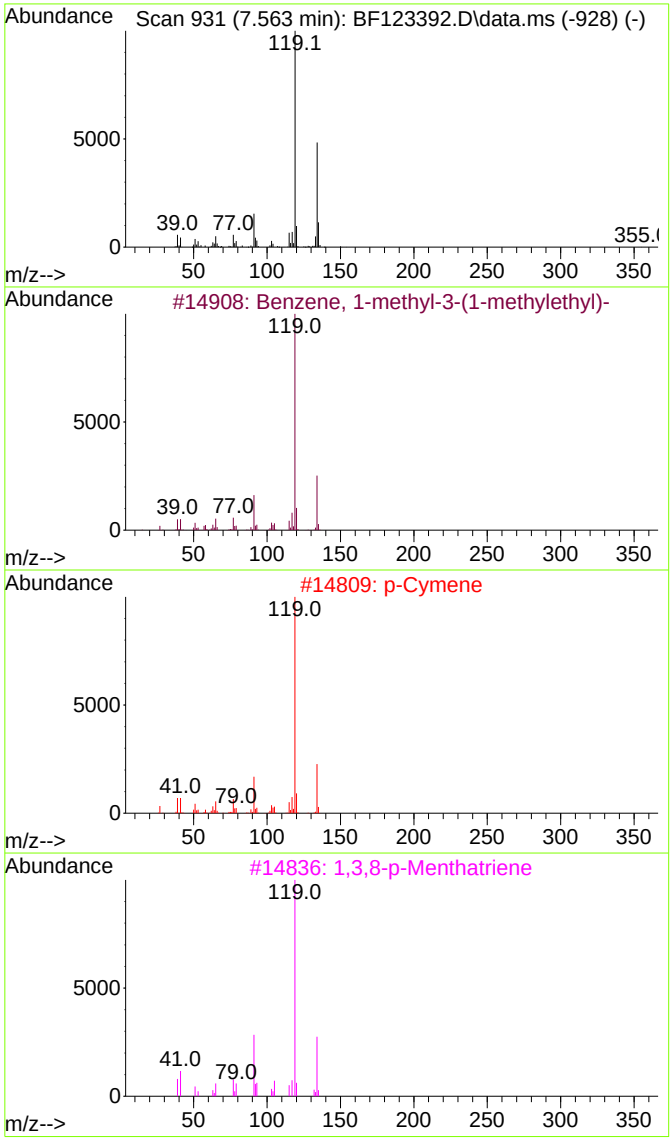
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

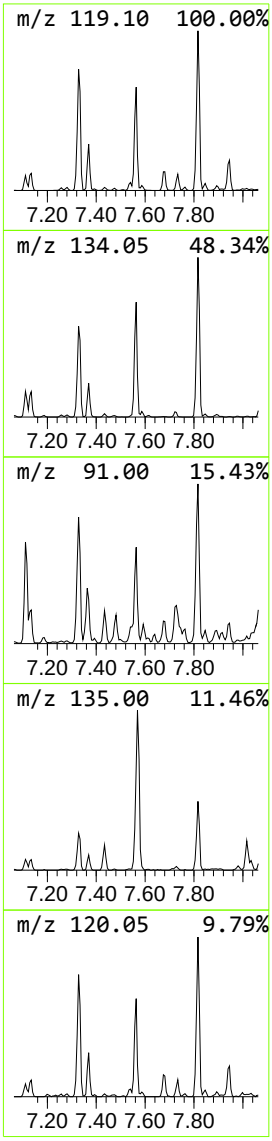
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	12.48 ng	1538970	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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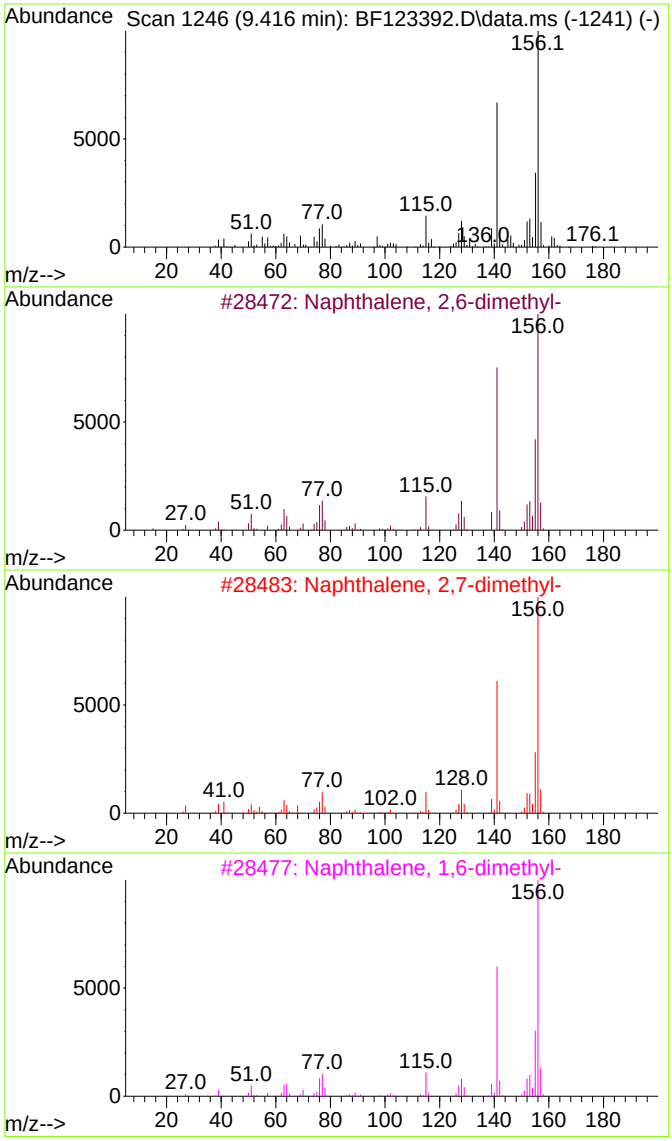
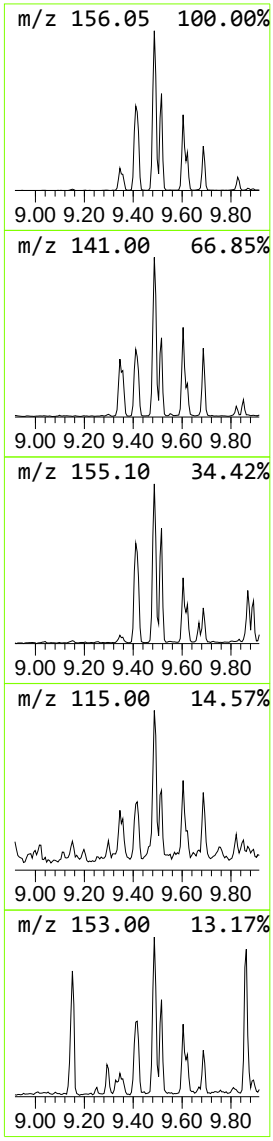
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	8.15 ng	973232	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Misc :
ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
MC-WC

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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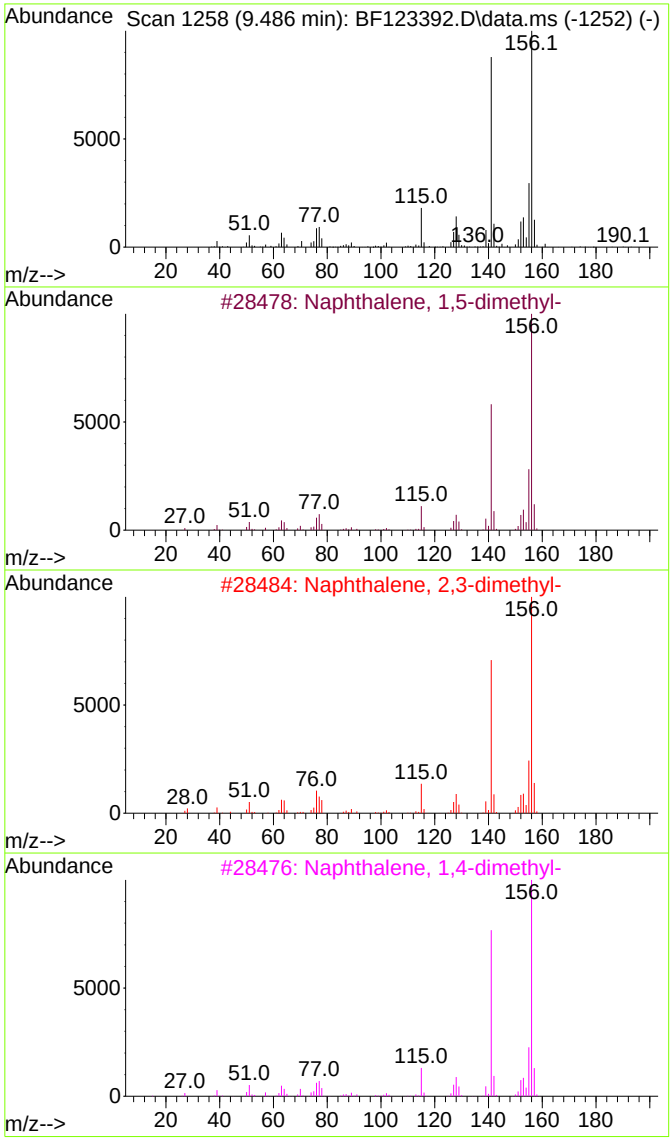
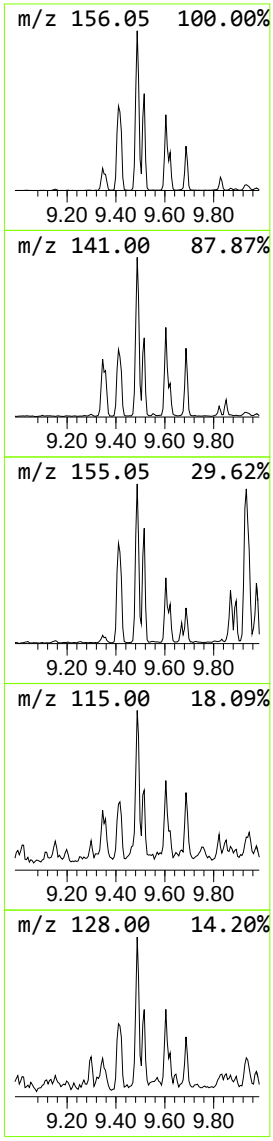
Peak Number 15 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	12.00 ng	1432110	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





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

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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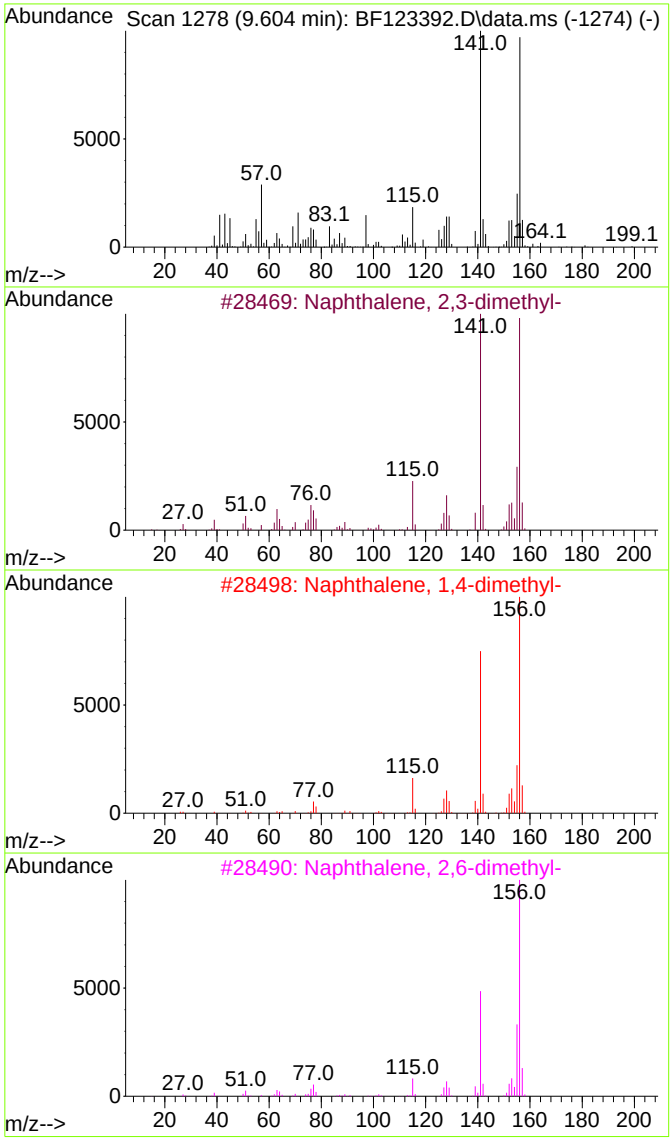
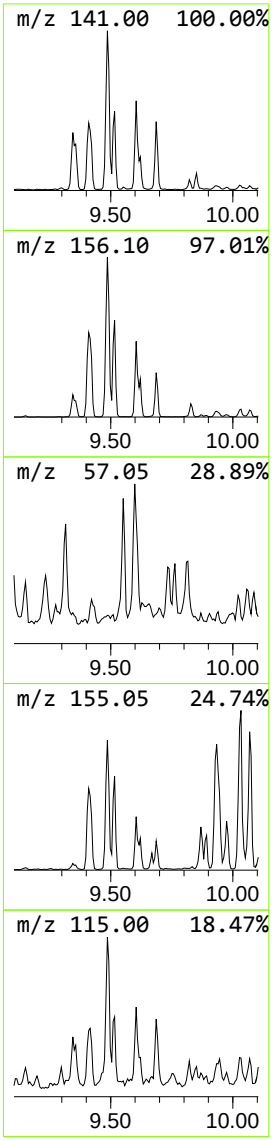
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	9.95 ng	1187880	Acenaphthene-d10	9.828

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	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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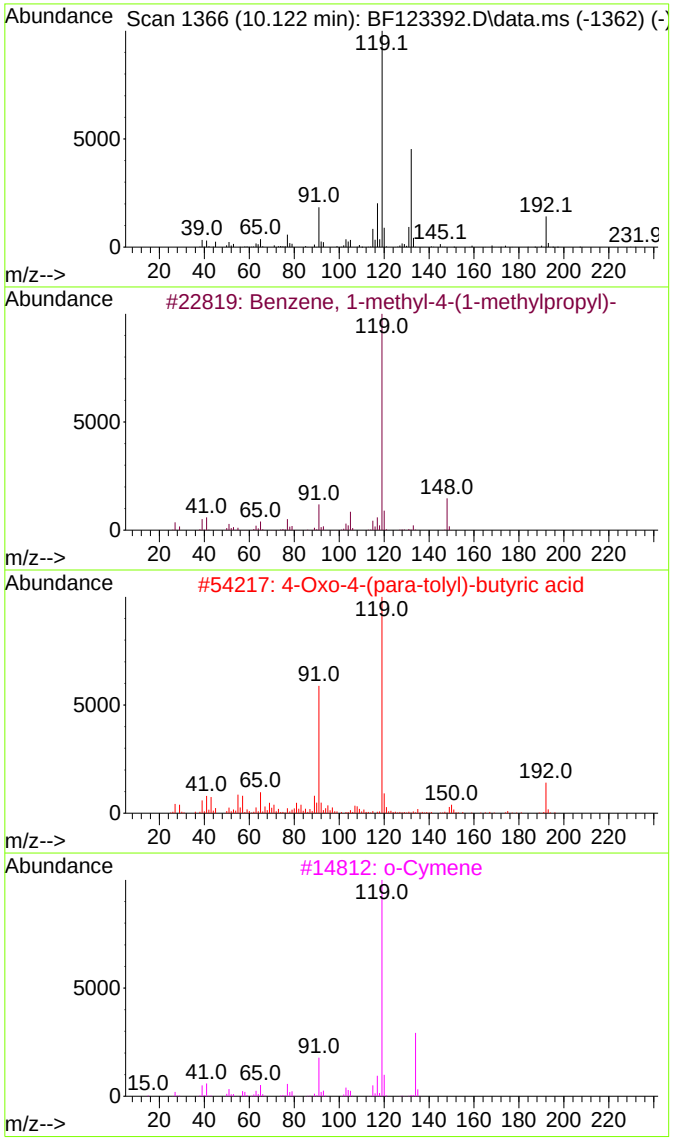
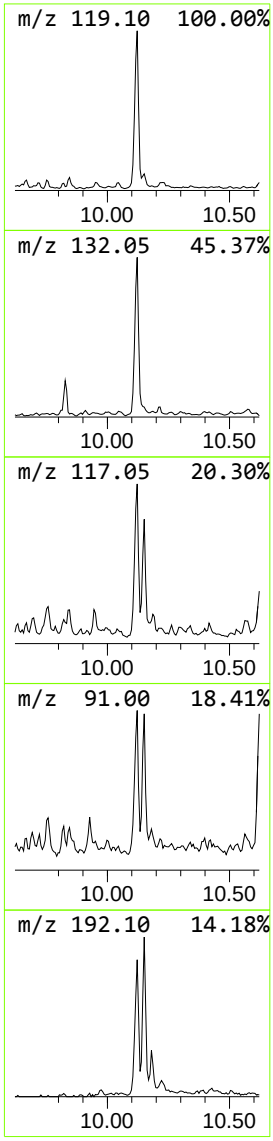
Peak Number 17 unknown10.122 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.122	7.38 ng	881018	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	47
2	4-Oxo-4-(para-tolyl)-butyric acid	192	C11H12O3	004619-20-9	43
3	o-Cymene	134	C10H14	000527-84-4	43
4	p-Cymene	134	C10H14	000099-87-6	43
5	Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	43





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Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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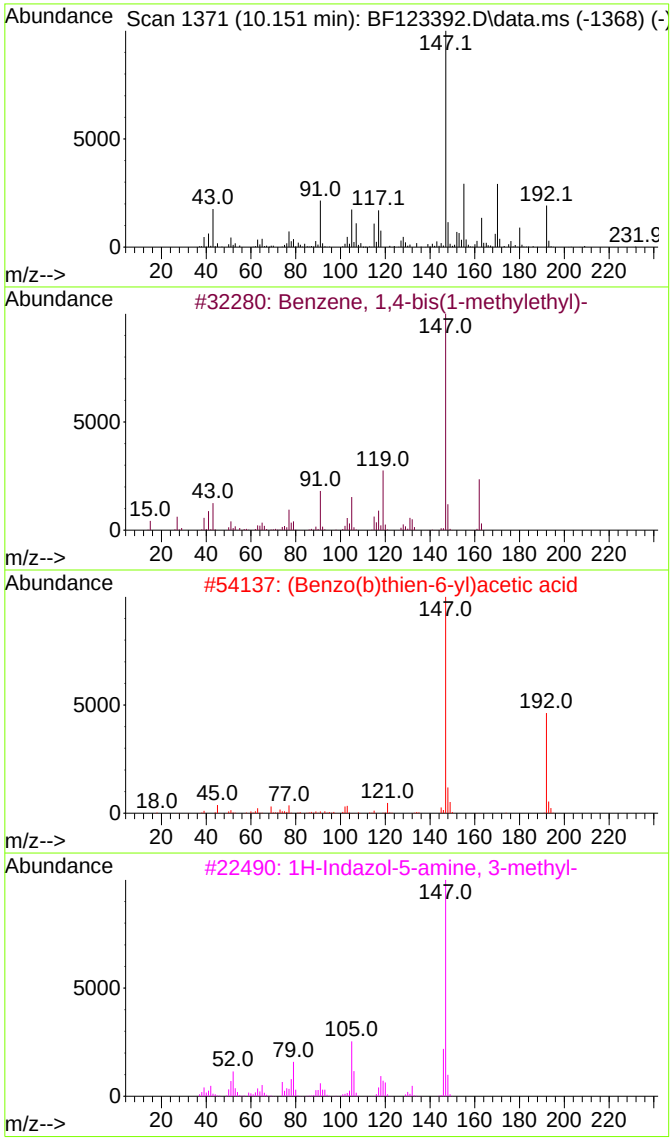
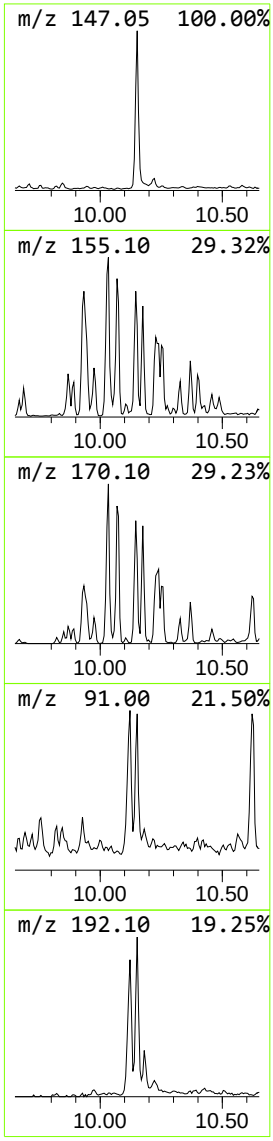
Peak Number 18 unknown10.151 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	8.10 ng	966556	Acenaphthene-d10	9.828

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	38
2	(Benzo(b)thien-6-yl)acetic acid	192	C10H8O2S	006177-87-3	37
3	1H-Indazol-5-amine, 3-methyl-	147	C8H9N3	1000338-20-2	35
4	Benzo[b]thiophene, 2-propyl-	176	C11H12S	016587-32-9	35
5	o-Diacetylbenzene	162	C10H10O2	000704-00-7	35





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Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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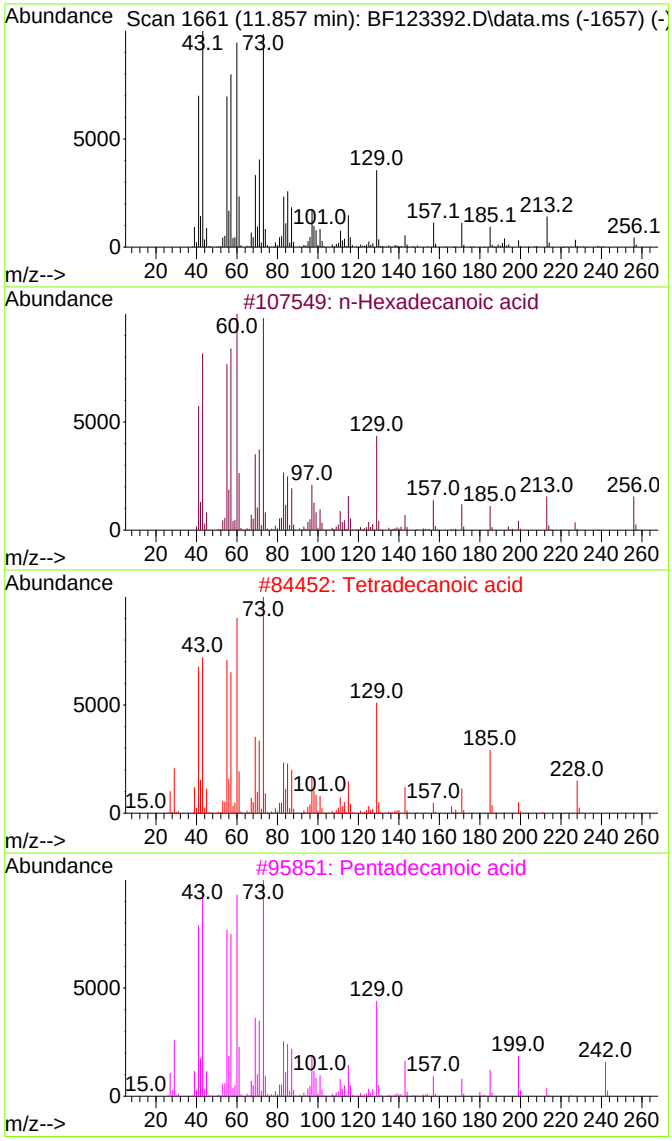
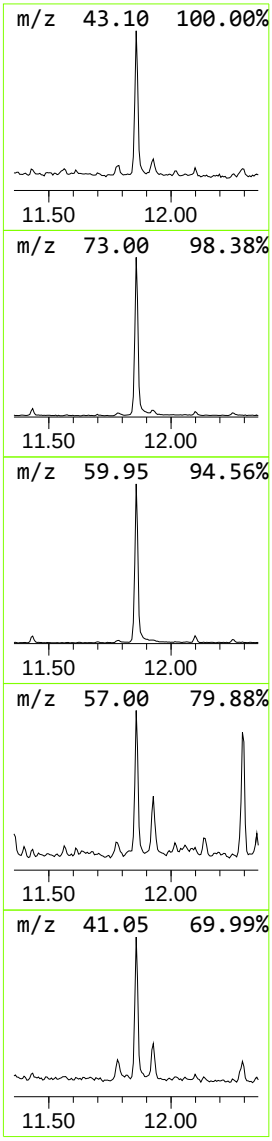
Peak Number 19 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	19.11 ng	1544390	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Undecanoic acid	186	C11H22O2	000112-37-8	74





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Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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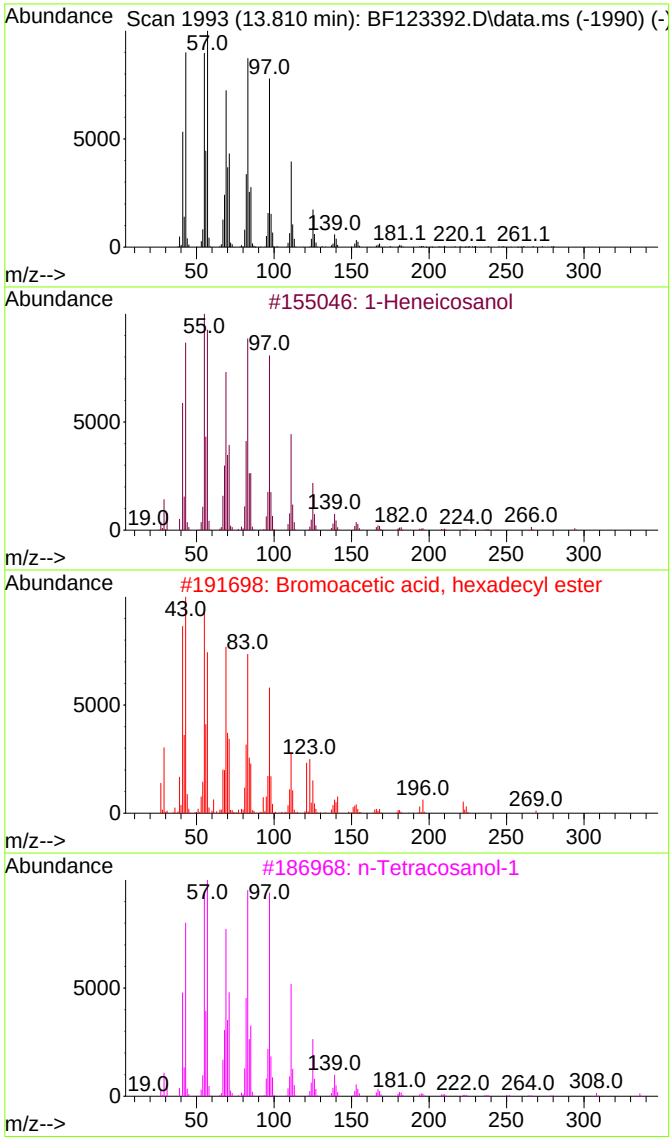
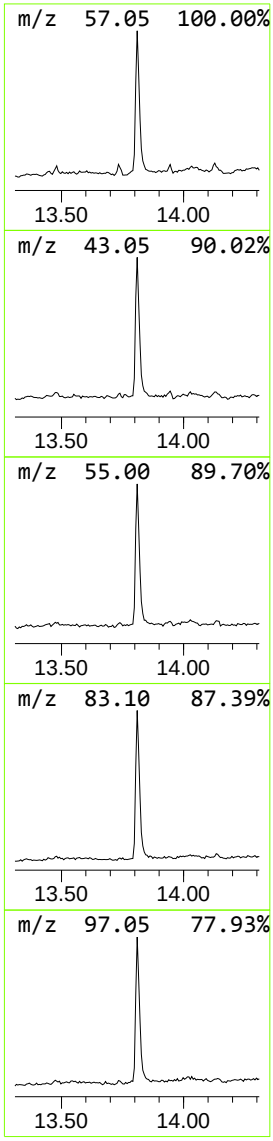
Peak Number 20 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	25.02 ng	1249150	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	91
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123392.D
Acq On : 18 Mar 2021 19:55
Operator : JU/CG
Sample : M1690-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MC-WC

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Ethyl-3-methy...	5.810	7.6	ng	577926	1	6.787	1525440	20.0
7-Methylbicyclo...	5.946	8.1	ng	616379	1	6.787	1525440	20.0
Cyclohexane, pr...	6.040	9.3	ng	708103	1	6.787	1525440	20.0
Cyclopropene, 1...	6.228	7.0	ng	532378	1	6.787	1525440	20.0
unknown6.316	6.316	8.0	ng	607017	1	6.787	1525440	20.0
Cyclohexane, 1-...	6.534	7.0	ng	531045	1	6.787	1525440	20.0
Cyclohexane, (2...	6.940	9.8	ng	743331	1	6.787	1525440	20.0
Benzene, 2-prop...	6.969	9.2	ng	700364	1	6.787	1525440	20.0
Benzene, 1,3-di...	7.040	13.0	ng	990418	1	6.787	1525440	20.0
Benzene, 1,2-di...	7.110	6.9	ng	523920	1	6.787	1525440	20.0
Naphthalene, de...	7.187	11.6	ng	886908	1	6.787	1525440	20.0
Adamantane	7.434	8.6	ng	1065680	2	8.075	2467180	20.0
Benzene, 1-meth...	7.563	12.5	ng	1538970	2	8.075	2467180	20.0
Naphthalene, 2,...	9.416	8.2	ng	973232	3	9.828	2386960	20.0
Naphthalene, 1,...	9.486	12.0	ng	1432110	3	9.828	2386960	20.0
Naphthalene, 2,...	9.604	9.9	ng	1187880	3	9.828	2386960	20.0
unknown10.122	10.122	7.4	ng	881018	3	9.828	2386960	20.0
unknown10.151	10.151	8.1	ng	966556	3	9.828	2386960	20.0
n-Hexadecanoic ...	11.857	19.1	ng	1544390	4	11.316	1616710	20.0
1-Heneicosanol	13.810	25.0	ng	1249150	5	13.963	998449	20.0