LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123856.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	489	492	501	rVB	150898	172607	2.52%	0.235%
2	5.410	561	565	576	rBV	3454327	3072207	44.85%	4.183%
3	5.575	589	593	600	rBV	229552	223436	3.26%	0.304%
4	5.957	654	658	662	rBV	425832	349934	5.11%	0.477%
5	6.251	705	708	711	rVB	188020	141186	2.06%	0.192%
6	6.428	735	738	746	rBV	2398350	2076285	30.31%	2.827%
7	6.628	769	772	779	rBV2	77765	98248	1.43%	0.134%
8	6.745	786	792	796	rVB2	291087	315574	4.61%	0.430%
9	6.792	796	800	803	rBV	1301060	1020833	14.90%	1.390%
10	6.951	820	827	829	rBV	143829	132804	1.94%	0.181%
11	6.975	829	831	835	rVB	114007	92638	1.35%	0.126%
12	7.045	840	843	846	rVB	665159	528102	7.71%	0.719%
13	7.116	852	855	856	rBV	122105	98050	1.43%	0.134%
14	7.134	856	858	861	rVB	312341	238953	3.49%	0.325%
15	7.210	868	871	879	rVB	70076	100319	1.46%	0.137%
16	7.334	885	892	893	rBV2	1879150	1732086	25.29%	2.359%
17	7.363	893	897	906	rVV2	4749375	5461163	79.72%	7.436%
18	7.439	907	910	913	rVV	214090	174008	2.54%	0.237%
19	7.487	913	918	923	rVB	145224	151704	2.21%	0.207%
20	7.563	928	931	935	rVB	1115776	937727	13.69%	1.277%
21	7.681	948	951	956	rBV	165731	158116	2.31%	0.215%
22	7.728	956	959	961	rVV2	411280	415970	6.07%	0.566%
23	7.751	961	963	970	rVB	898309	753626	11.00%	1.026%
24	7.816	970	974	978	rBV2	4269686	3601585	52.58%	4.904%
25	7.851	978	980	983	rVV2	194379	185824	2.71%	0.253%
26	7.898	983	988	990	rVV3	161858	216853	3.17%	0.295%
27	7.951	994	997	1000	rVB	191965	156676	2.29%	0.213%
28	8.039	1010	1012	1013	rBV	186627	145067	2.12%	0.198%
29	8.075	1013	1018	1020	rVV2	1940406	2166269	31.62%	2.950%
30	8.098	1020	1022	1024	rVV2	726112	588823	8.60%	0.802%
31	8.128	1024	1027	1030	rVB	824504	714594	10.43%	0.973%
32	8.169	1030	1034	1037	rVB2	299858	246728	3.60%	0.336%
33	8.234	1043	1045	1047	rBV2	234208	159278	2.33%	0.217%
34	8.275	1047	1052	1055	rBV	1140806	876700	12.80%	1.194%
35	8.322	1057	1060	1063	rBV	900143	770196	11.24%	1.049%
36	8.357	1063	1066	1069	rVB2	584692	478713	6.99%	0.652%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.463	1081	1084	1087	rVB	887529	664682	9.70%	0.905%
38	8.545	1095	1098	1101	rBV	840152	714821	10.44%	0.973%
39	8.581	1101	1104	1110	rVV	1043014	949733	13.86%	1.293%
40	8.639	1110	1114	1116	rVV2	315553	284090	4.15%	0.387%
41	8.669	1116	1119	1122	rVV	581659	501744	7.32%	0.683%
42	8.716	1122	1127	1128	rVV2	161139	224001	3.27%	0.305%
43	8.739	1128	1131	1135	rVV	1812503	1437177	20.98%	1.957%
44	8.775	1135	1137	1140	rVB2	148765	127510	1.86%	0.174%
45	8.904	1156	1159	1161	rVV	514462	440704	6.43%	0.600%
46	8.922	1161	1162	1167	rVB2	270932	299165	4.37%	0.407%
47	8.981	1167	1172	1174	rBV4	146112	199877	2.92%	0.272%
48	9.022	1177	1179	1181	rVB2	148060	128859	1.88%	0.175%
49	9.081	1187	1189	1193	rVB2	164841	174042	2.54%	0.237%
50	9.122	1193	1196	1198	rBV	167872	117493	1.72%	0.160%
51	9.157	1198	1202	1205	rBV	7533240	6064361	88.53%	8.258%
52	9.198	1205	1209	1213	rVB	103222	94933	1.39%	0.129%
53	9.275	1217	1222	1224	rBV2	162132	214002	3.12%	0.291%
54	9.304	1224	1227	1230	rBV	379236	363203	5.30%	0.495%
55	9.333	1230	1232	1233	rBV2	154247	100877	1.47%	0.137%
56	9.351	1233	1235	1241	rVB	585927	699401	10.21%	0.952%
57	9.416	1241	1246	1250	rBV	1250646	1721723	25.13%	2.344%
58	9.492	1254	1259	1262	rBV	1757539	1730619	25.26%	2.357%
59	9.551	1267	1269	1272	rVV	319488	273090	3.99%	0.372%
60	9.610	1276	1279	1284	rVV	1020039	1124391	16.41%	1.531%
61	9.692	1288	1293	1298	rVB	633485	529408	7.73%	0.721%
62	9.739	1298	1301	1304	rBV2	97978	84703	1.24%	0.115%
63	9.833	1313	1317	1320	rBV	1947339	1554572	22.69%	2.117%
64	9.869	1320	1323	1326	rVB3	359358	385413	5.63%	0.525%
65	9.939	1332	1335	1339	rVB2	193641	260839	3.81%	0.355%
66	9.980	1339	1342	1348	rBV4	81068	123248	1.80%	0.168%
67	10.039	1348	1352	1355	rVV	326483	365143	5.33%	0.497%
68	10.075	1355	1358	1362	rVB	250555	200176	2.92%	0.273%
69	10.151	1367	1371	1374	rBV	306327	293578	4.29%	0.400%
70	10.180	1374	1376	1377	rBV	173999	116446	1.70%	0.159%
71	10.245	1383	1387	1388	rBV	164207	202518	2.96%	0.276%
72	10.257	1388	1389	1394	rVB2	183863	178419	2.60%	0.243%
73	10.380	1406	1410	1412	rBV2	504719	432986	6.32%	0.590%
74	10.451	1416	1422	1424	rBV	590048	603186	8.81%	0.821%
75	10.569	1439	1442	1446	rVB2	87886	106362	1.55%	0.145%
76	10.628	1446	1452	1456	rBV	4606722	4334579	63.28%	5.902%

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Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	10.745	1470	1472	1481	rVB4	115073	151027	2.20%	0.206%
78	10.904	1494	1499	1500	rBV2	76795	113065	1.65%	0.154%
79	10.927	1500	1503	1505	rVB3	78658	93890	1.37%	0.128%
80	10.957	1505	1508	1511	rBV2	179546	169544	2.48%	0.231%
81	11.069	1524	1527	1532	rVB5	66854	100098	1.46%	0.136%
82	11.322	1566	1570	1572	rBV	1826658	1446241	21.11%	1.969%
83	11.345	1572	1574	1576	rVB	234188	168256	2.46%	0.229%
84	11.822	1651	1655	1658	rBV2	81242	91006	1.33%	0.124%
85	11.857	1658	1661	1669	rVV3	367670	415243	6.06%	0.565%
86	12.004	1683	1686	1688	rBV	128557	109882	1.60%	0.150%
87	12.080	1696	1699	1707	rVV2	377151	530498	7.74%	0.722%
88	12.145	1707	1710	1713	rVB	112267	104202	1.52%	0.142%
89	12.274	1729	1732	1733	rBV	171558	134429	1.96%	0.183%
90	12.298	1733	1736	1740	rVV2	282302	318043	4.64%	0.433%
91	12.363	1743	1747	1754	rBV2	291616	469884	6.86%	0.640%
92	12.469	1760	1765	1768	rVB	167160	211038	3.08%	0.287%
93	12.510	1769	1772	1774	rVV	145779	128446	1.88%	0.175%
94	12.792	1817	1820	1828	rVB4	63253	109299	1.60%	0.149%
95	12.916	1836	1841	1844	rBV	7464909	6850191	100.00%	9.328%
96	13.833	1993	1997	2012	rBV	603575	1357230	19.81%	1.848%
97	13.963	2015	2019	2023	rBV	1553715	1477834	21.57%	2.012%
98	14.486	2104	2108	2113	rBV8	43443	86522	1.26%	0.118%
99	15.421	2262	2267	2272	rBV	1135189	1314197	19.18%	1.790%
100	15.998	2357	2365	2379	rBV8	88993	313056	4.57%	0.426%

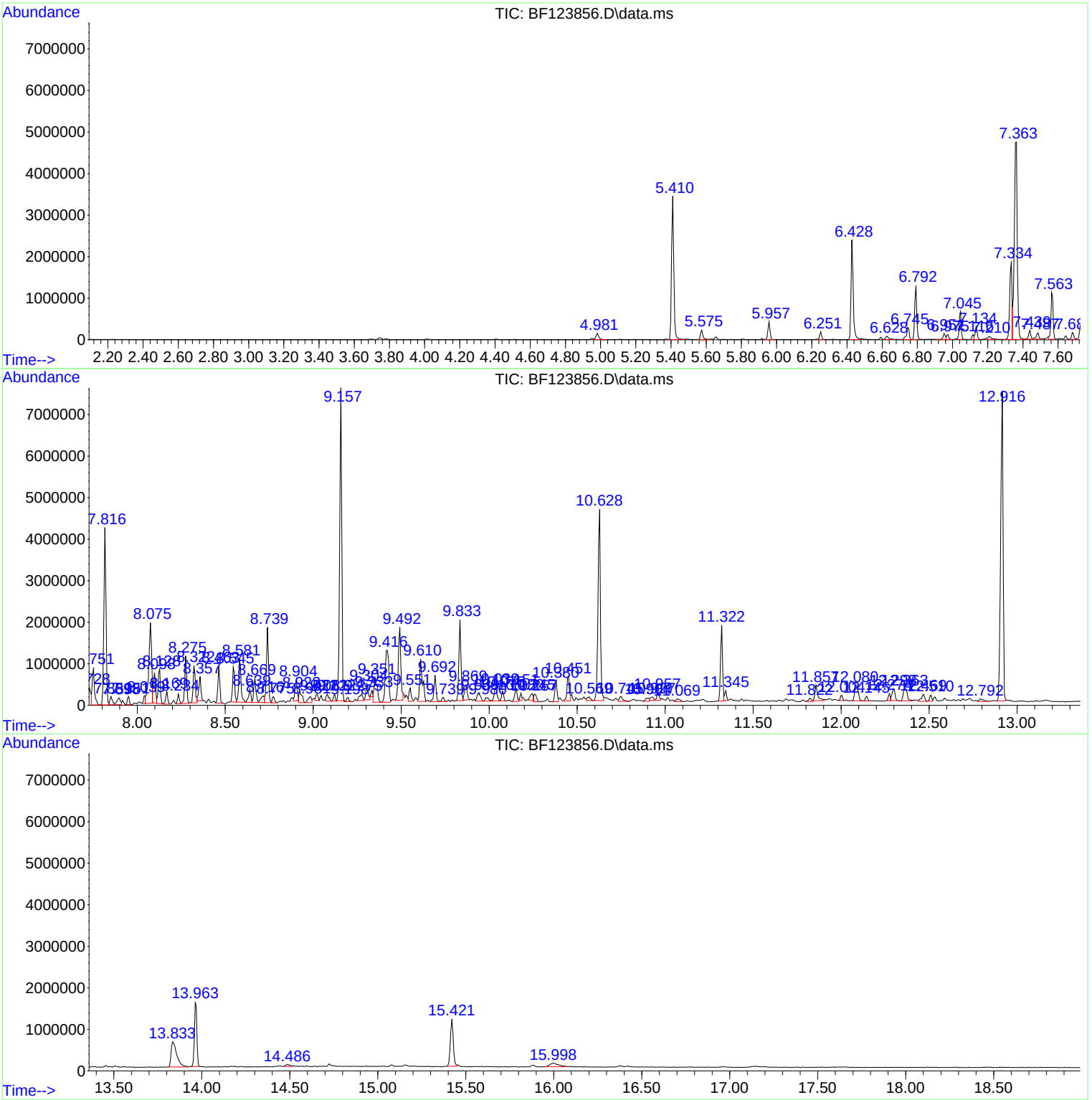
Sum of corrected areas: 73438077

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

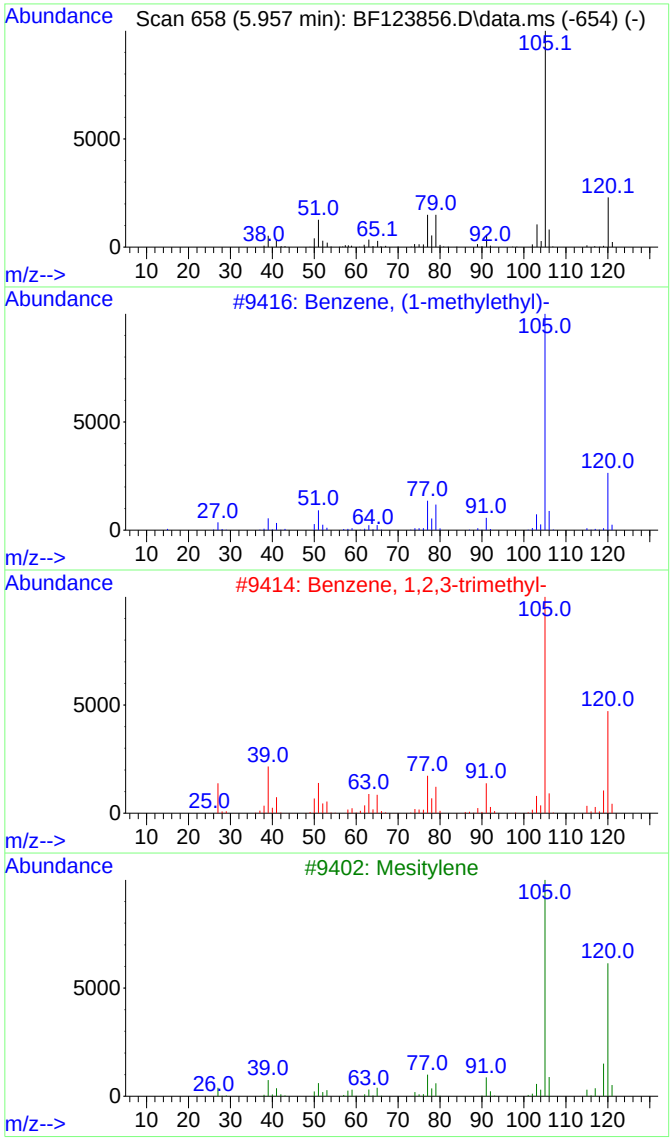
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

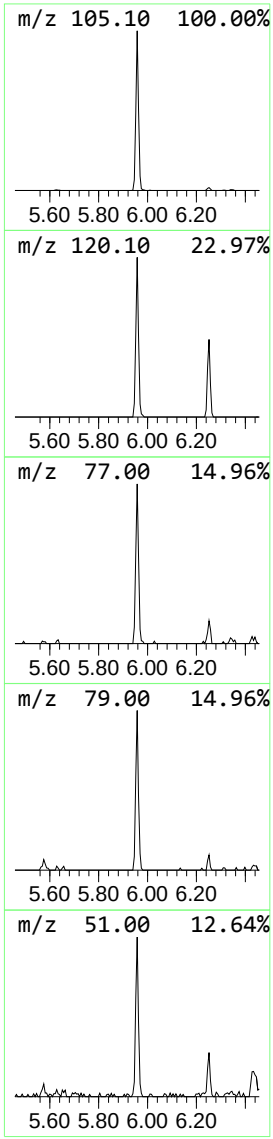
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	6.86 ng	349934	1,4-Dichlorobenzene-d4	6.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	86
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	80
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

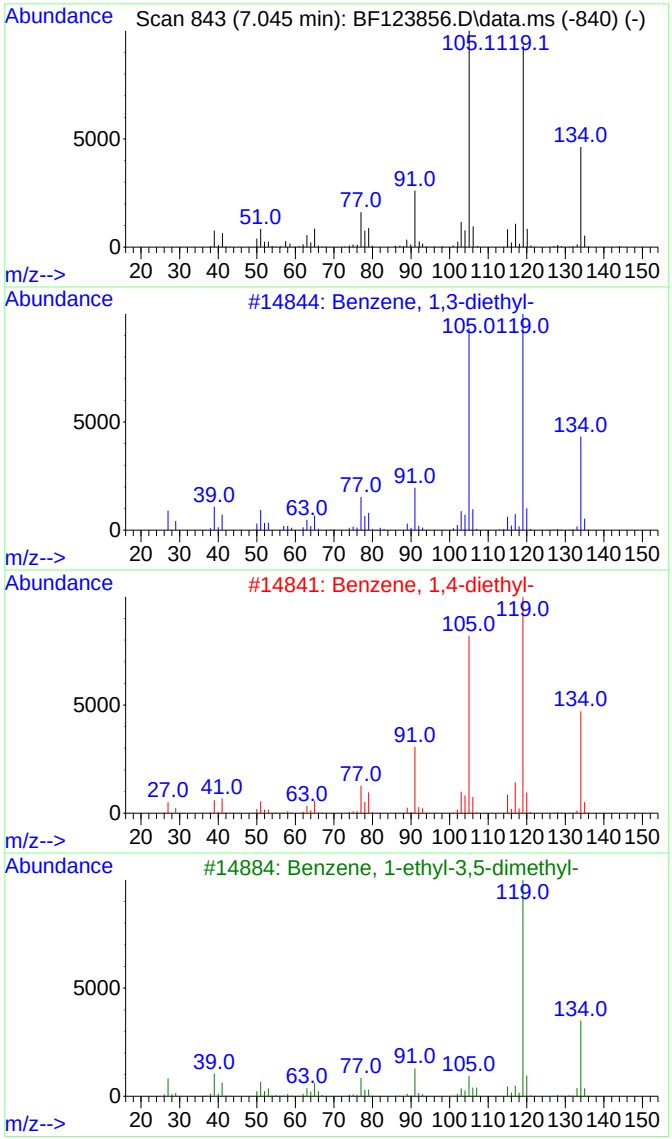
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

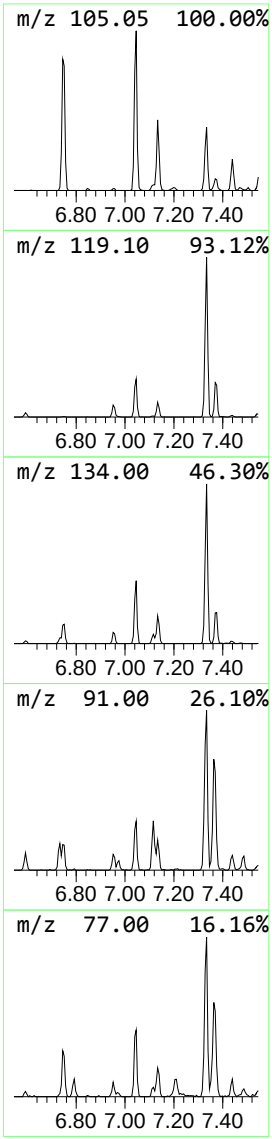
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,3-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.045	10.35 ng	528102	1,4-Dichlorobenzene-d4	6.792

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, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	86
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

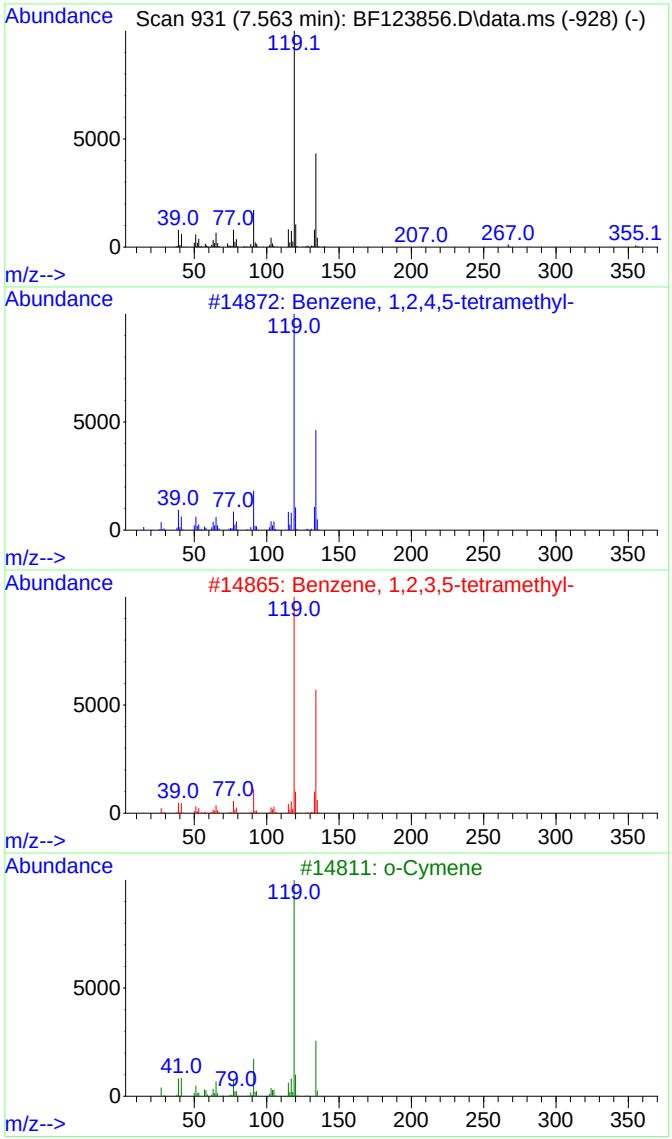
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

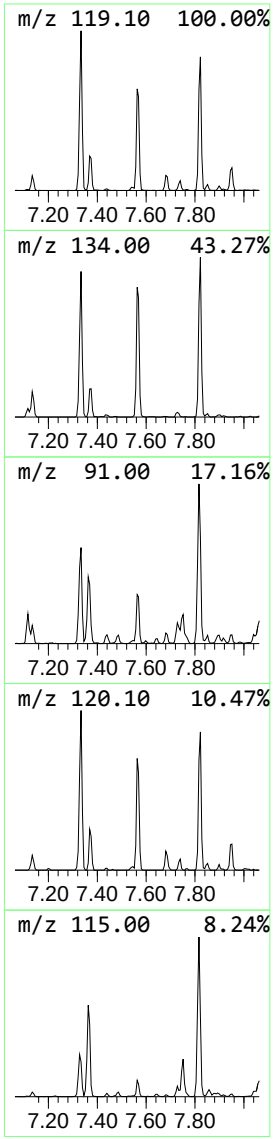
****

Peak Number 3 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	8.66 ng	937727	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

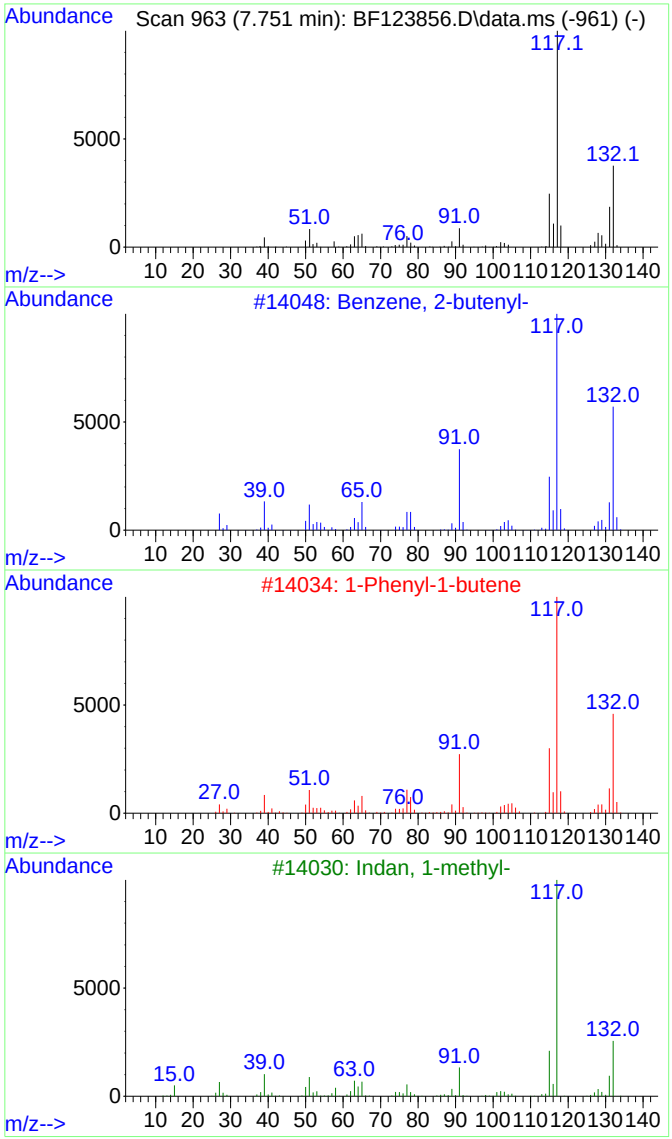
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

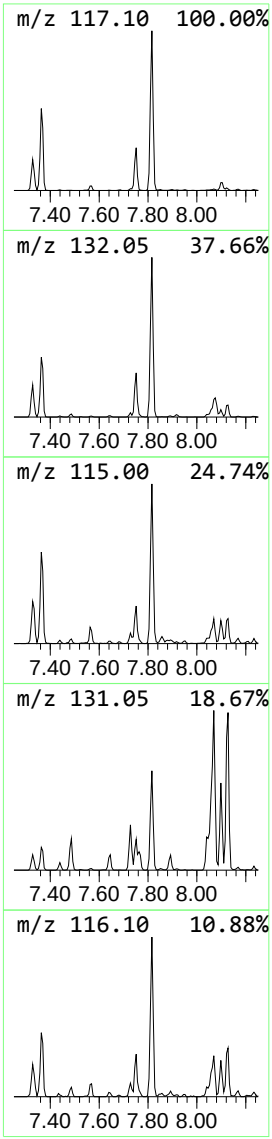
****

Peak Number 4 Benzene, 2-butenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	6.96 ng	753626	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

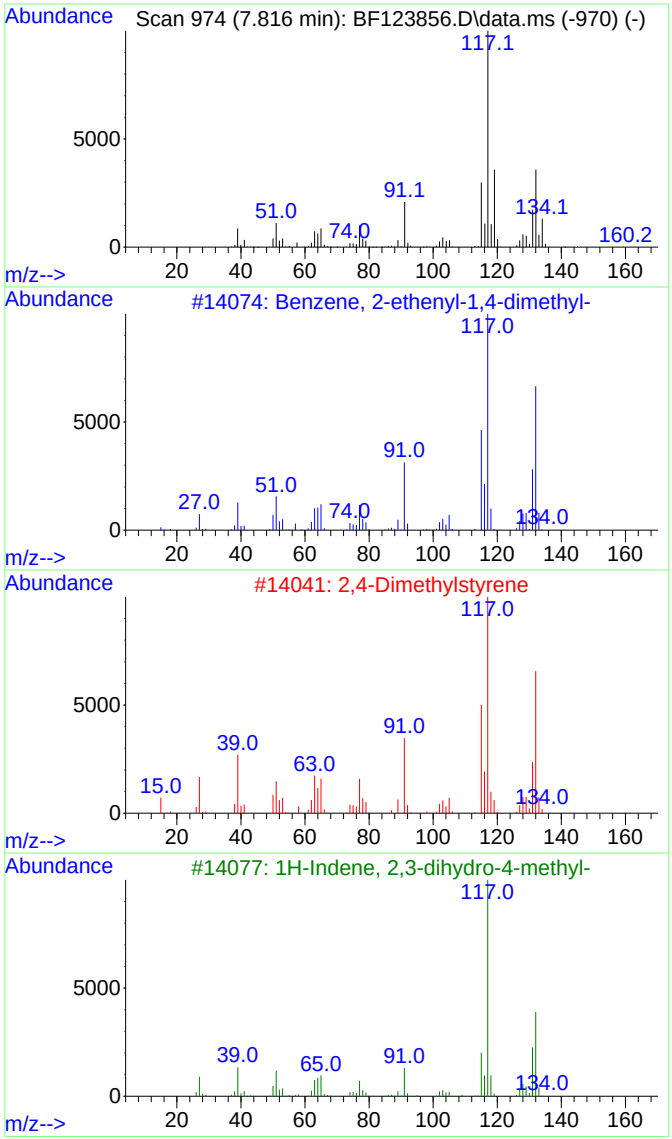
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

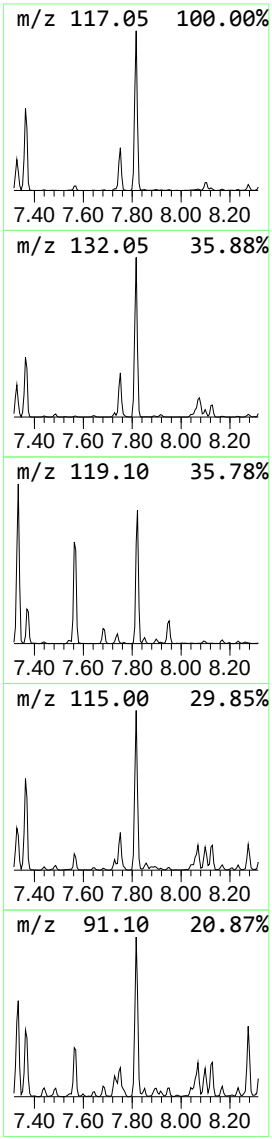
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.816	33.25 ng	3601590	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	93
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

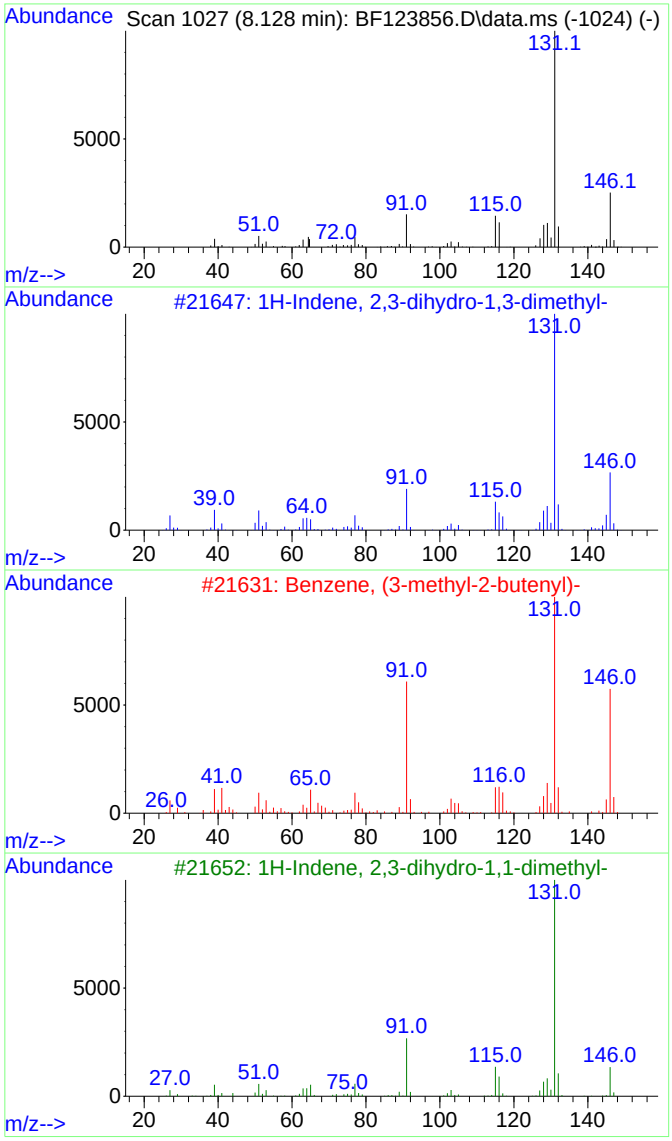
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

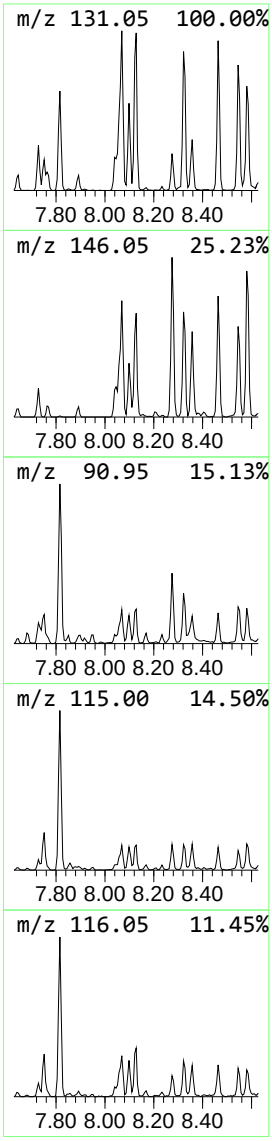
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.128	6.60 ng	714594	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	91
3	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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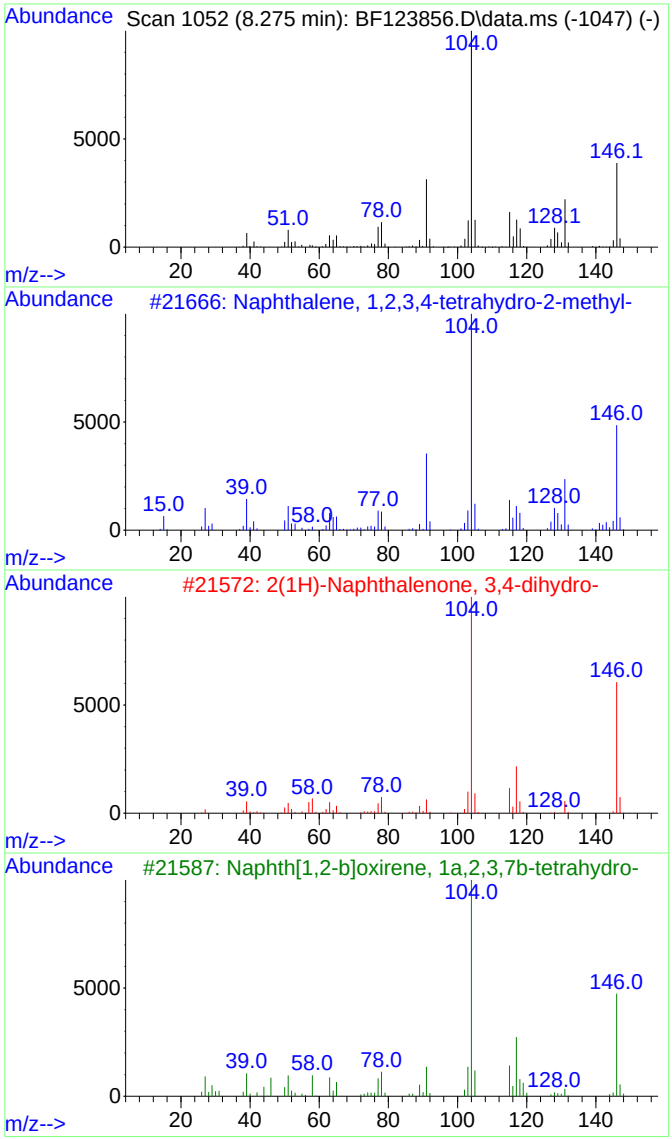
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

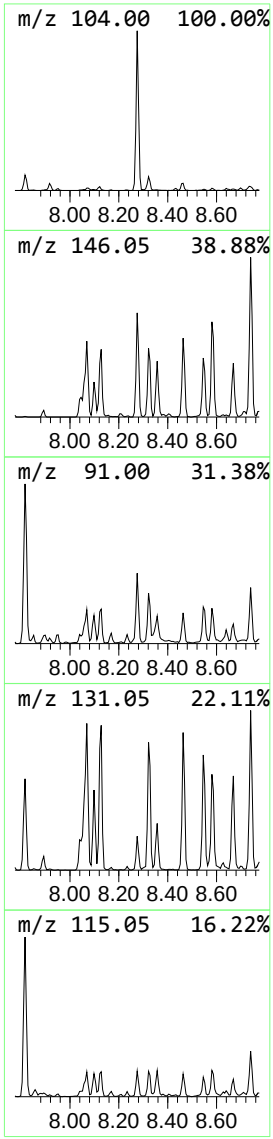
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	8.09 ng	876700	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	97
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	72
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	64
4	2-Methylbenzyl cyanide	131	C9H9N	022364-68-7	49
5	7-Azabicyclo[4.2.2]deca-2,4,9-tr...	147	C9H9NO	017198-06-0	42





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

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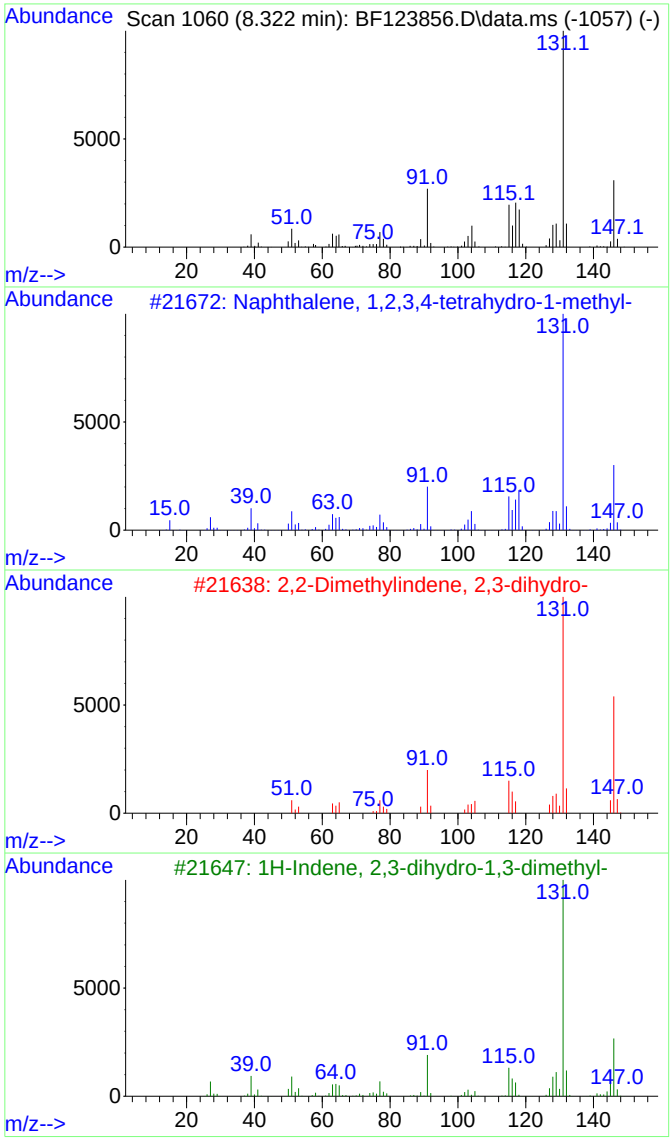
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

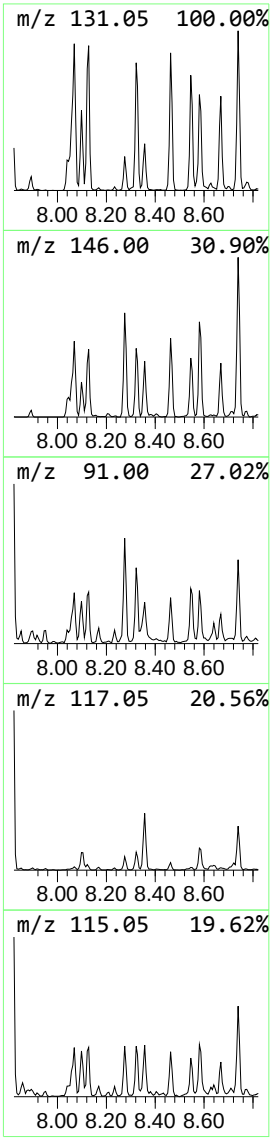
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.322	7.11 ng	770196	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	96
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

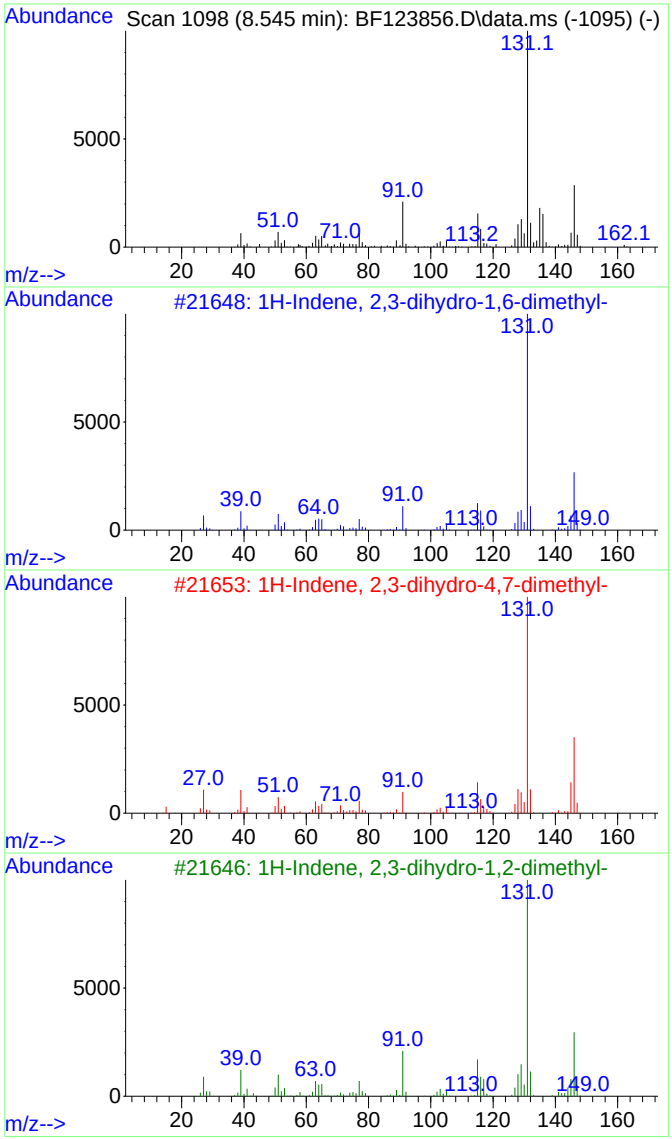
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

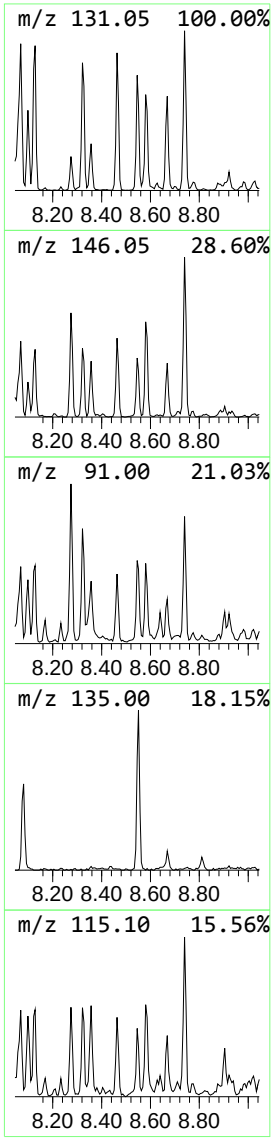
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	6.60 ng	714821	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	87
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	87
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	87





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Operator : JU/CG
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

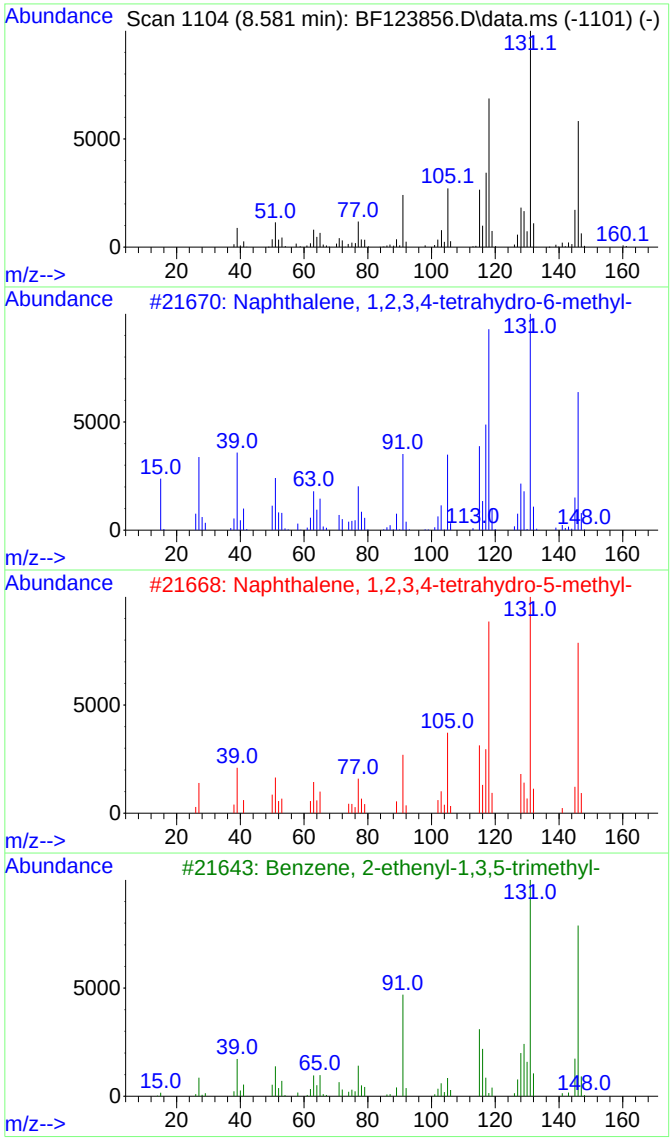
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

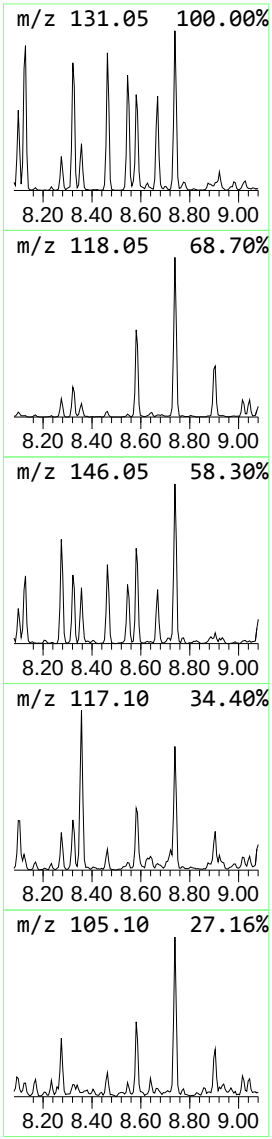
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.581	8.77 ng	949733	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	86
4	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	81
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

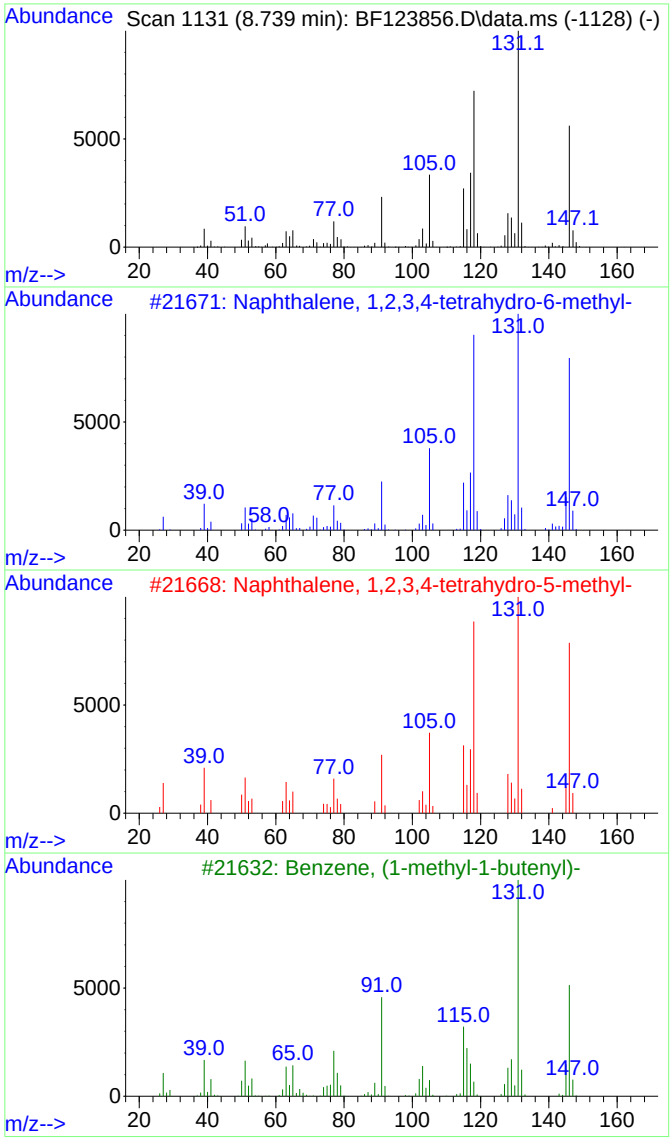
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

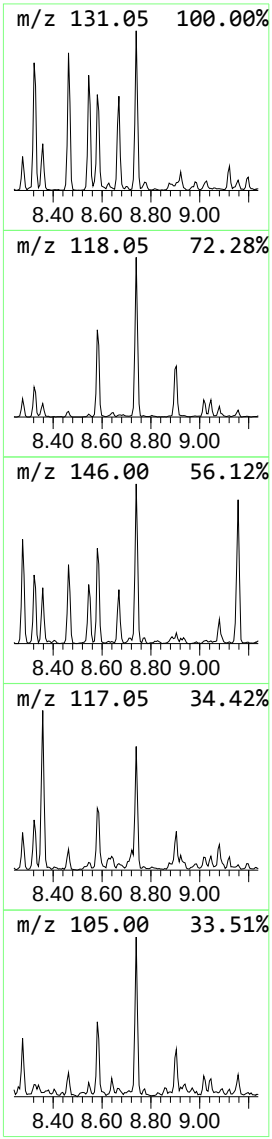
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.739	13.27 ng	1437180	Naphthalene-d8	8.075

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	76
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	70
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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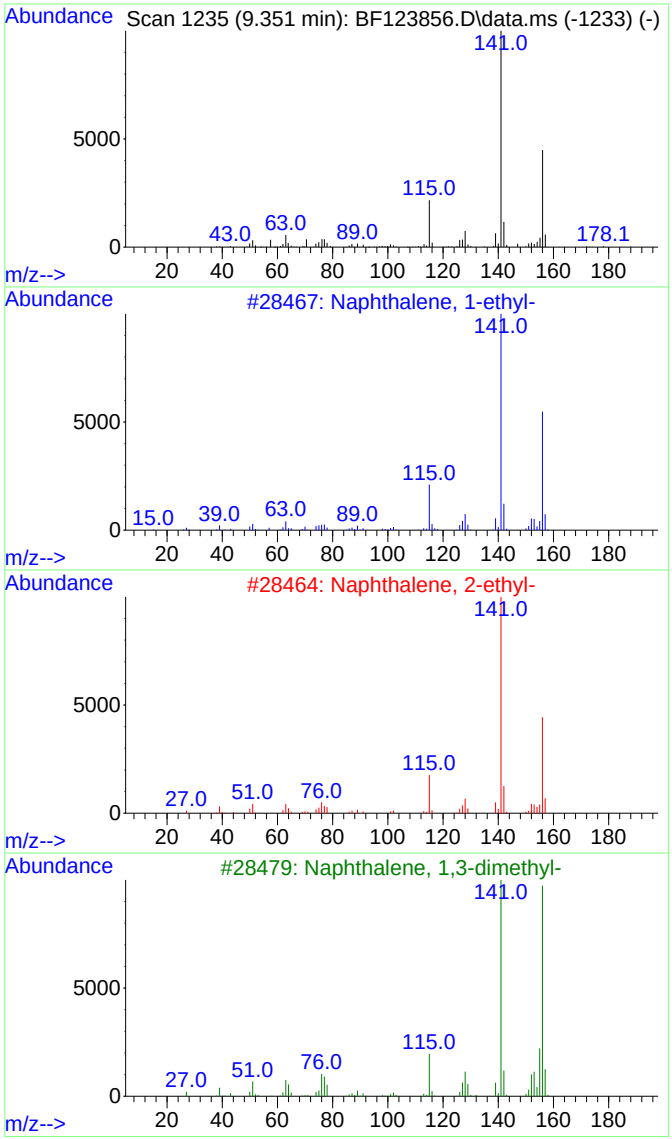
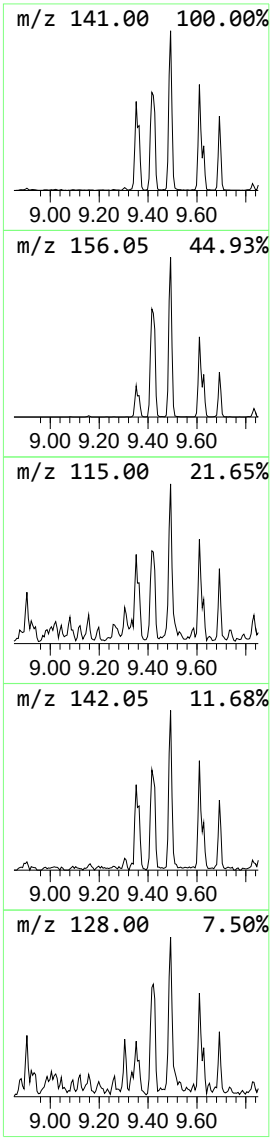
Peak Number 12 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	9.00 ng	699401	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	47





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

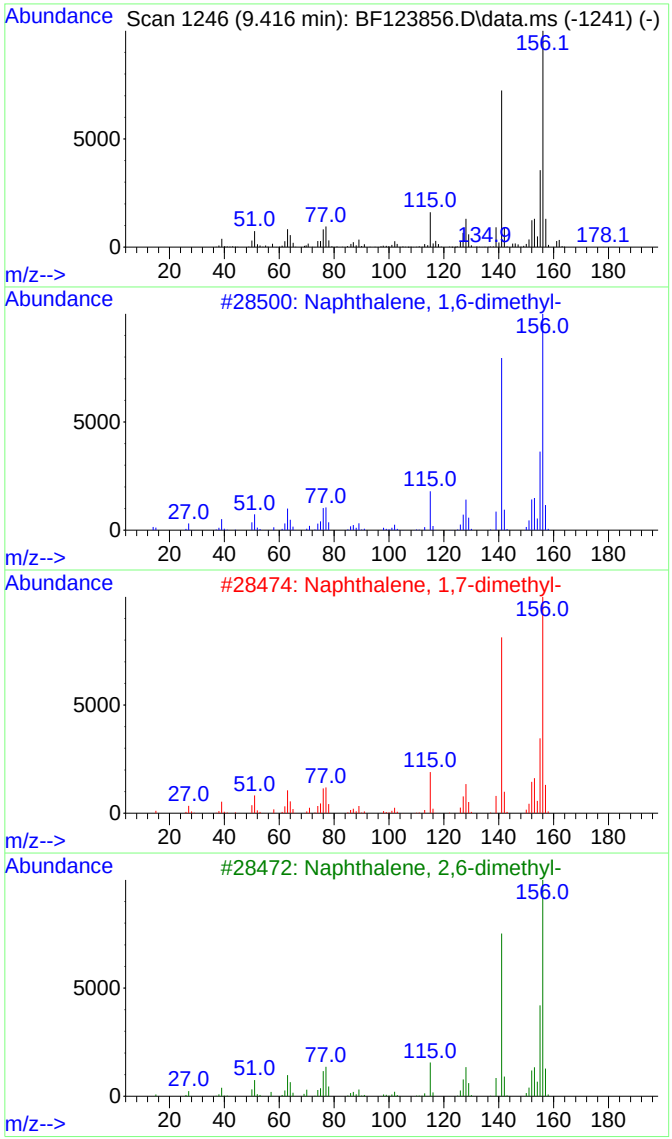
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

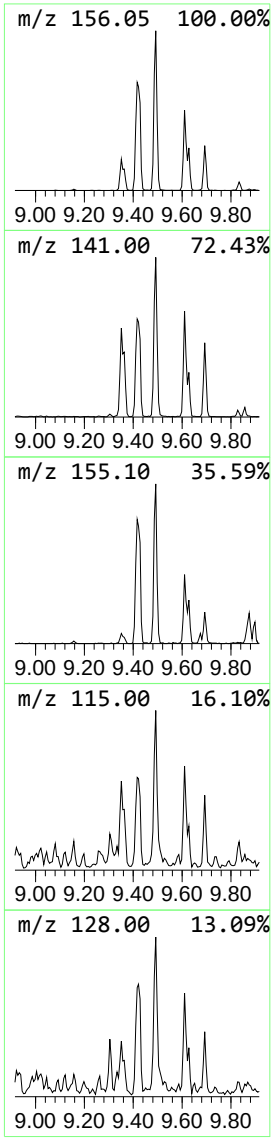
****

Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	22.15 ng	1721720	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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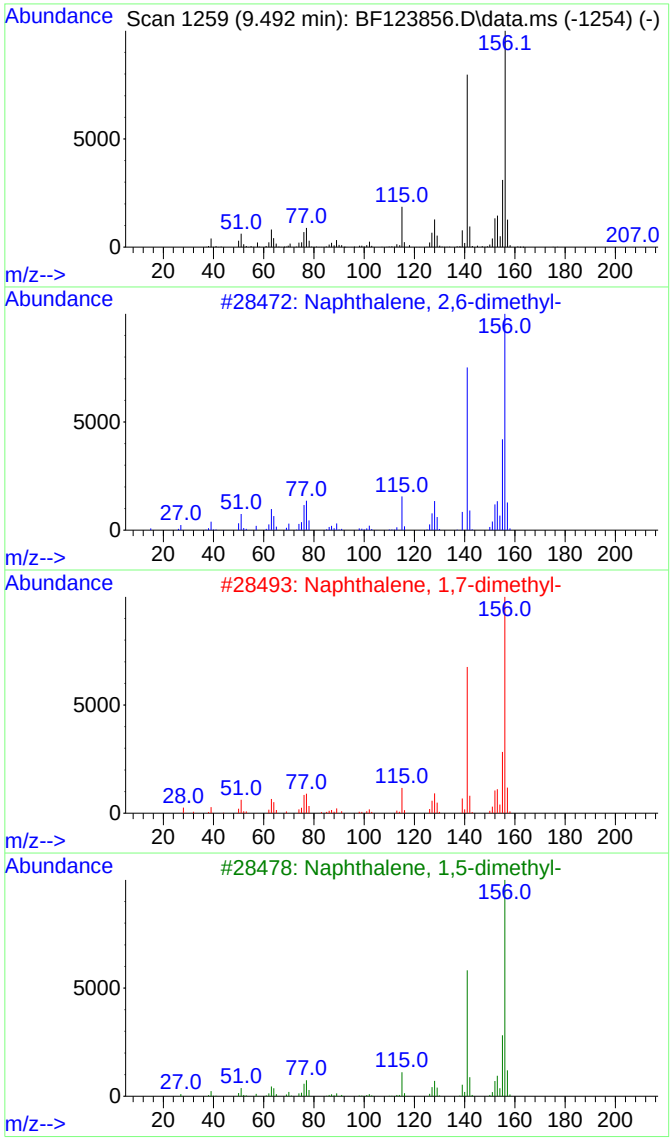
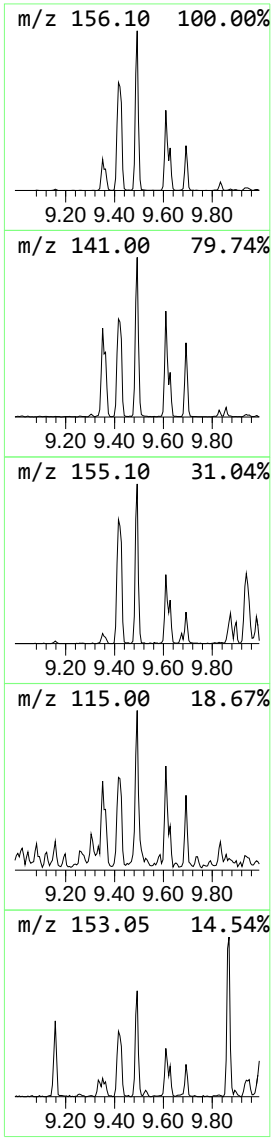
Peak Number 14 Naphthalene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	22.26 ng	1730620	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





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Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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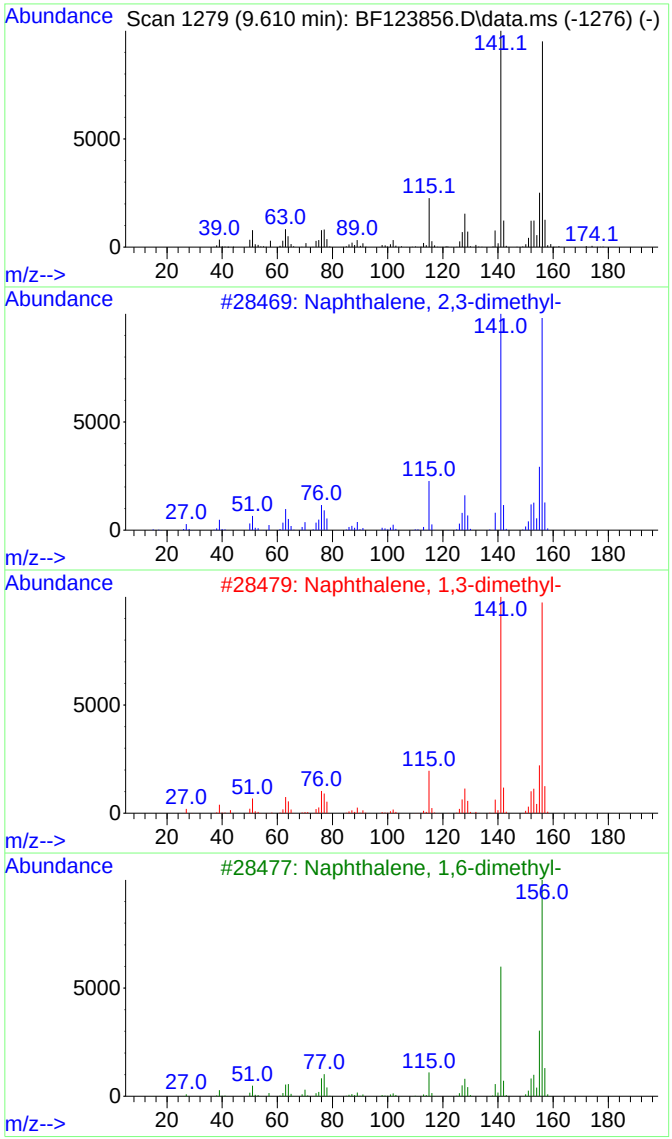
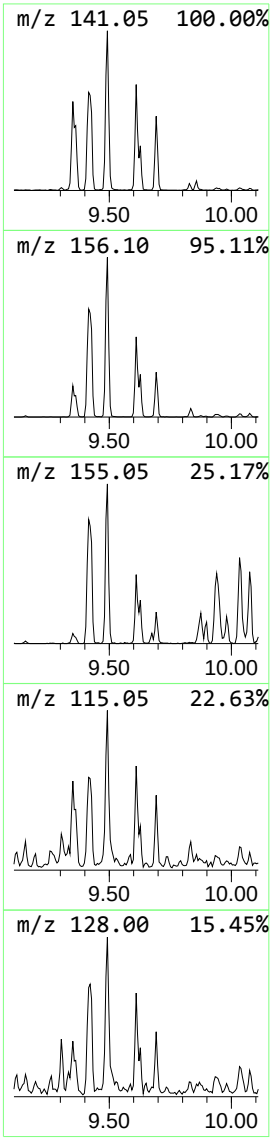
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	14.47 ng	1124390	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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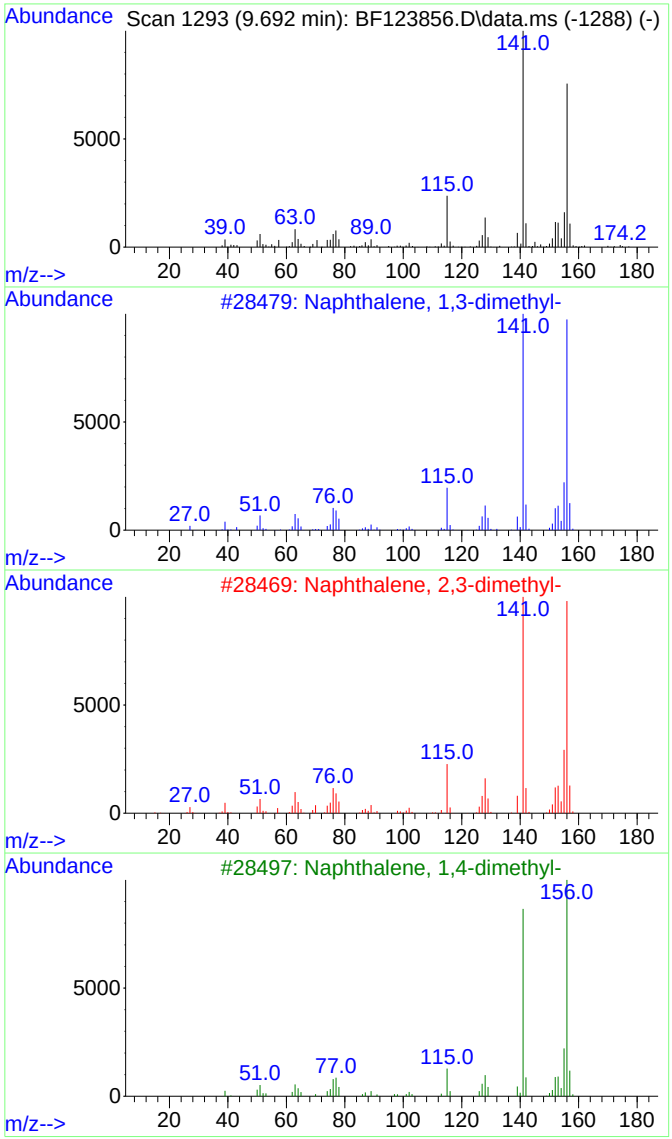
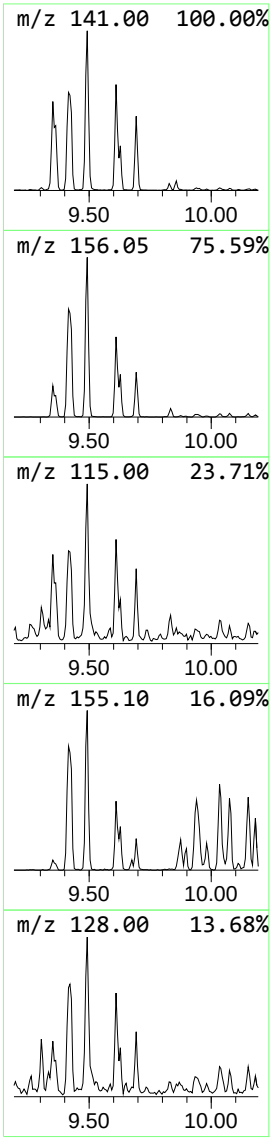
Peak Number 16 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	6.81 ng	529408	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	92





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Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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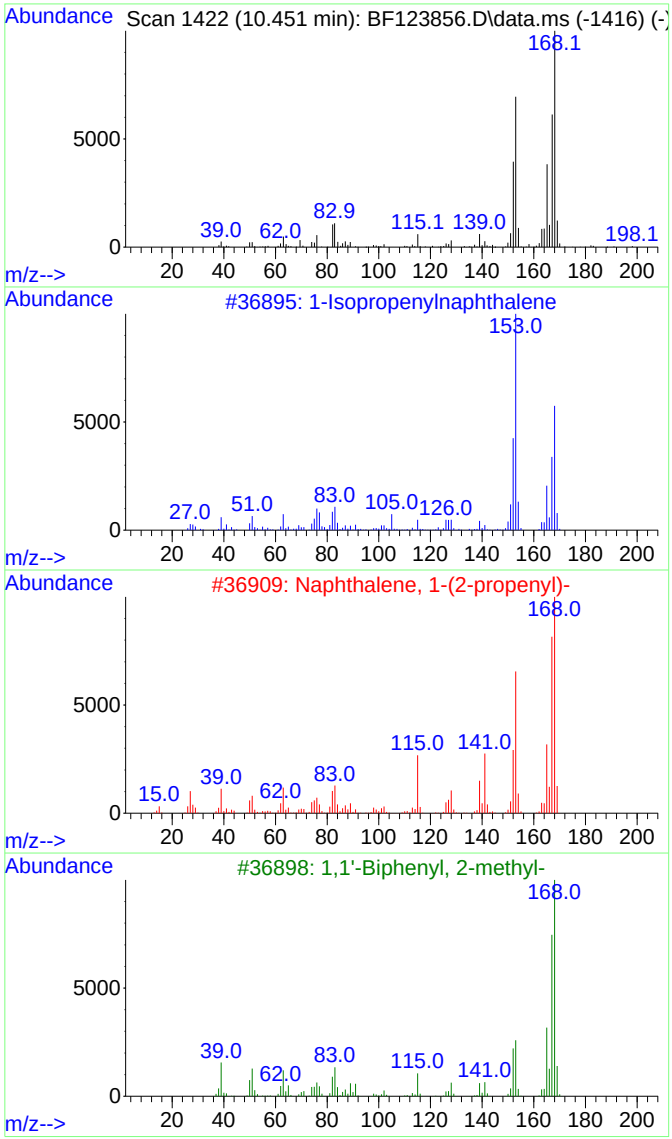
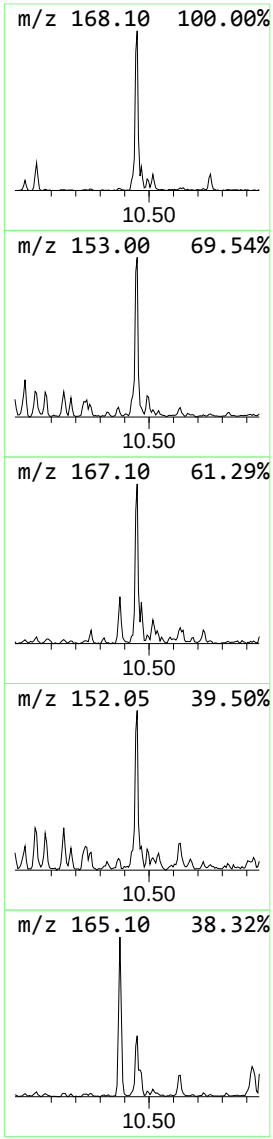
Peak Number 17 1-Isopropenylnaphthalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.451	7.76 ng	603186	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	76
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	62
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	59
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52





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Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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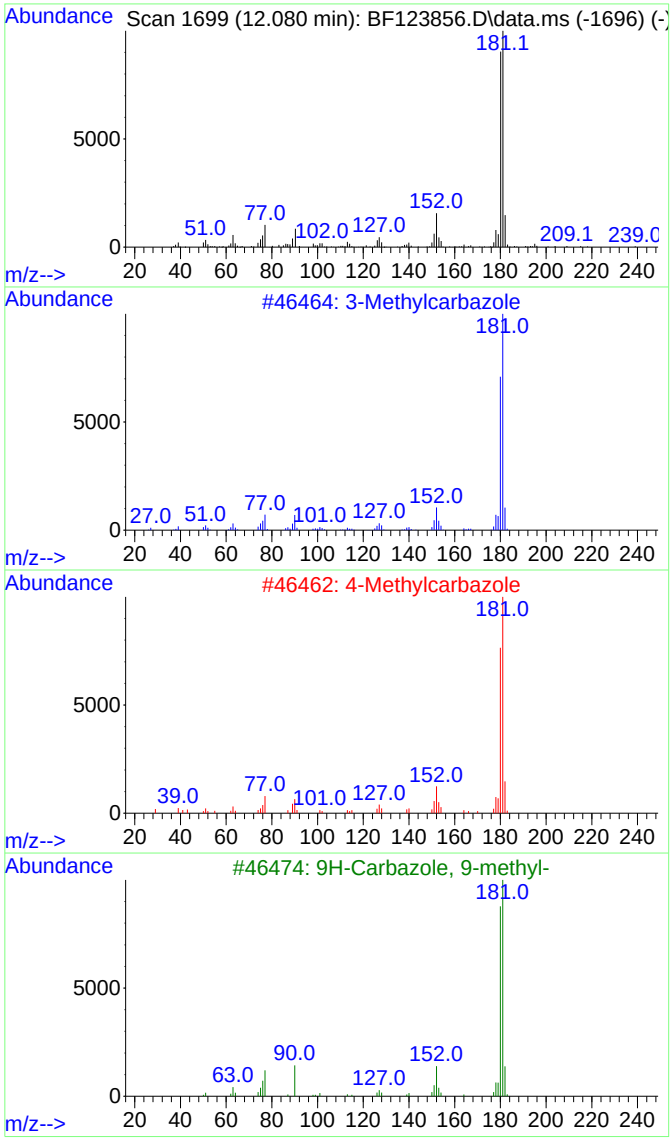
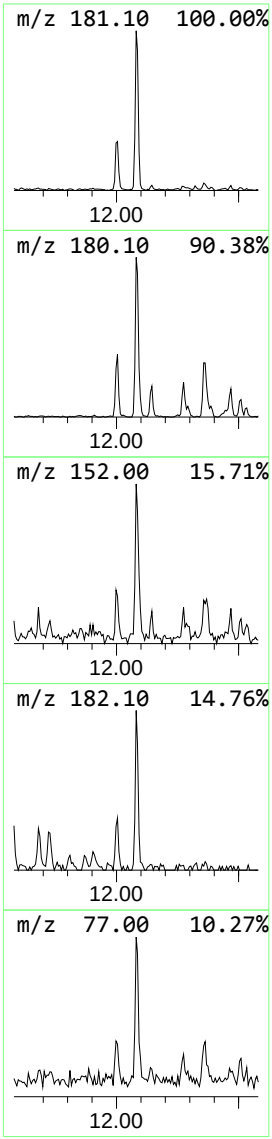
Peak Number 18 3-Methylcarbazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.080	7.34 ng	530498	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	4-Methylcarbazole	181	C13H11N	003770-48-7	96
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
5	1-Methylcarbazole	181	C13H11N	006510-65-2	94





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Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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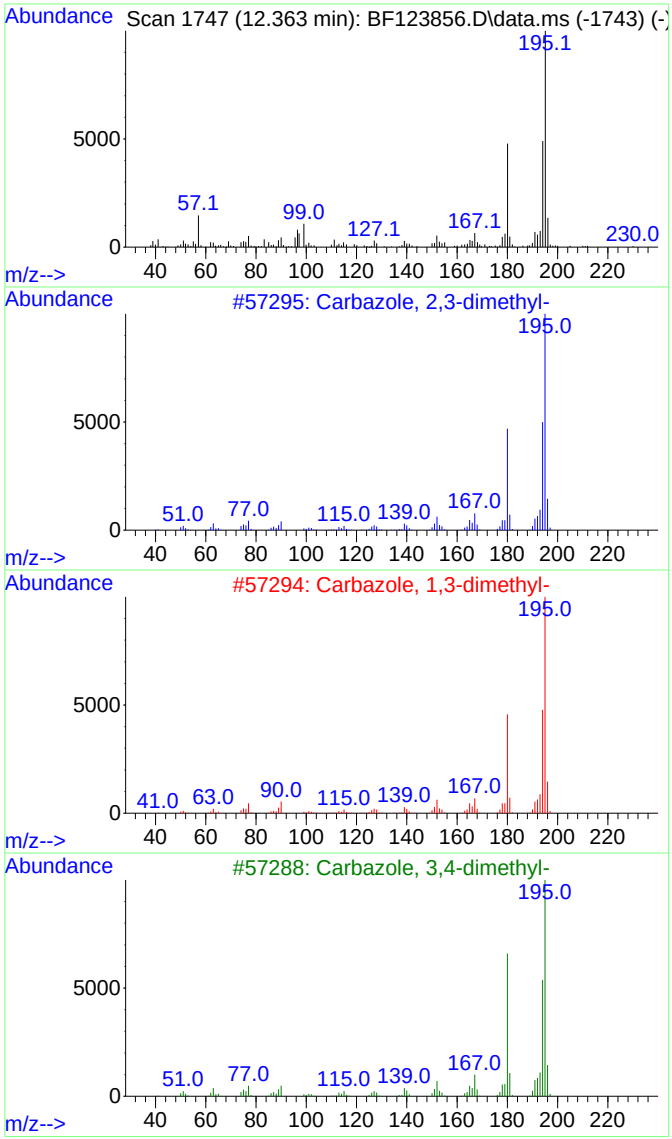
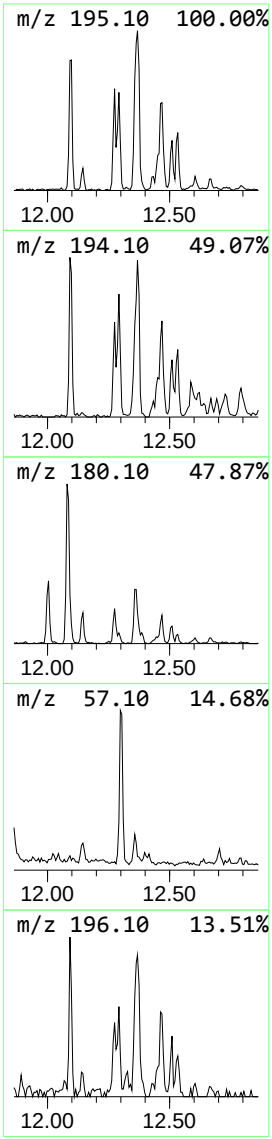
Peak Number 19 Carbazole, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.363	6.50 ng	469884	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole, 2,3-dimethyl-	195	C14H13N	018992-70-6	93
2	Carbazole, 1,3-dimethyl-	195	C14H13N	018992-68-2	93
3	Carbazole, 3,4-dimethyl-	195	C14H13N	018992-72-8	93
4	2,4-Dimethylcarbazole	195	C14H13N	1000326-01-2	90
5	Cyanomethylbenzene, 2-fluoro-4,5...	195	C10H10FNO2	091407-49-7	52





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Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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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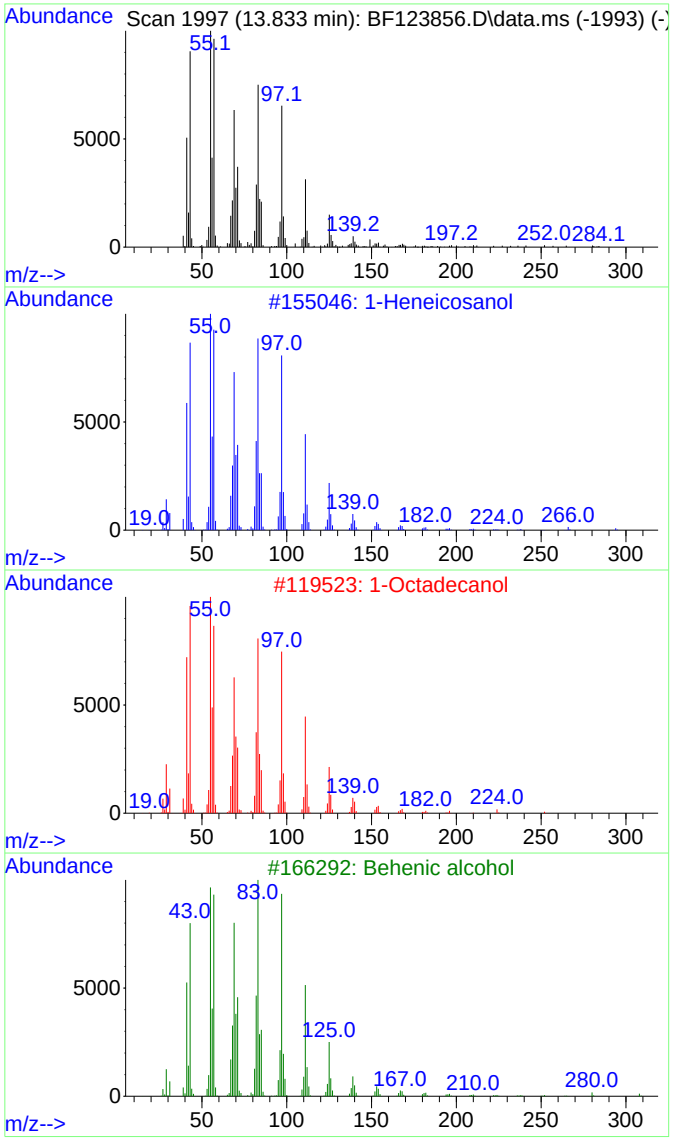
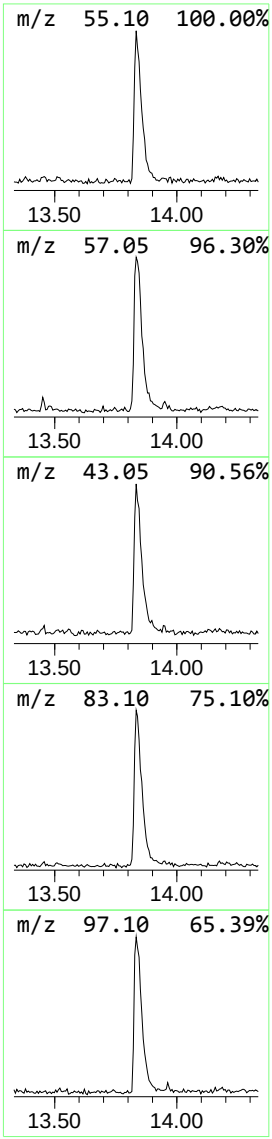
Peak Number 20 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	18.37 ng	1357230	Chrysene-d12	13.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	1-Octadecanol	270	C18H38O	000112-92-5	91
3	Behenic alcohol	326	C22H46O	000661-19-8	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123856.D
Acq On : 6 May 2021 15:56
Operator : JU/CG
Sample : M2304-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OWL-C4-GW

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.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
Benzene, (1-met...	5.957	6.9	ng	349934	1	6.792	1020830	20.0
Benzene, 1,3-di...	7.045	10.4	ng	528102	1	6.792	1020830	20.0
Benzene, 1,2,4,...	7.563	8.7	ng	937727	2	8.075	2166270	20.0
Benzene, 2-bute...	7.751	7.0	ng	753626	2	8.075	2166270	20.0
Benzene, 2-ethe...	7.816	33.3	ng	3601590	2	8.075	2166270	20.0
1H-Indene, 2,3-...	8.128	6.6	ng	714594	2	8.075	2166270	20.0
Naphthalene, 1,...	8.275	8.1	ng	876700	2	8.075	2166270	20.0
Naphthalene, 1,...	8.322	7.1	ng	770196	2	8.075	2166270	20.0
1H-Indene, 2,3-...	8.545	6.6	ng	714821	2	8.075	2166270	20.0
Naphthalene, 1,...	8.581	8.8	ng	949733	2	8.075	2166270	20.0
Naphthalene, 1,...	8.739	13.3	ng	1437180	2	8.075	2166270	20.0
Naphthalene, 1-...	9.351	9.0	ng	699401	3	9.833	1554570	20.0
Naphthalene, 1,...	9.416	22.1	ng	1721720	3	9.833	1554570	20.0
Naphthalene, 2,...	9.492	22.3	ng	1730620	3	9.833	1554570	20.0
Naphthalene, 2,...	9.610	14.5	ng	1124390	3	9.833	1554570	20.0
Naphthalene, 1,...	9.692	6.8	ng	529408	3	9.833	1554570	20.0
1-Isopropenylna...	10.451	7.8	ng	603186	3	9.833	1554570	20.0
3-Methylcarbazole	12.080	7.3	ng	530498	4	11.322	1446240	20.0
Carbazole, 2,3-...	12.363	6.5	ng	469884	4	11.322	1446240	20.0
1-Heneicosanol	13.833	18.4	ng	1357230	5	13.963	1477830	20.0