LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP040722

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127767.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.740	410	417	422	rBV3	103585	157722	1.44%	0.095%
2	5.110	473	480	482	rBV2	166479	228613	2.09%	0.137%
3	5.181	488	492	495	rBV2	118759	146747	1.34%	0.088%
4	5.375	521	525	529	rBV2	103405	174969	1.60%	0.105%
5	5.457	535	539	541	rBV2	223392	224626	2.06%	0.135%
6	5.481	541	543	546	rVB	225481	198484	1.82%	0.119%
7	5.575	553	559	563	rVB2	2253126	2555286	23.40%	1.532%
8	5.734	582	586	592	rVB4	97114	186730	1.71%	0.112%
9	5.810	596	599	605	rBV2	492706	586647	5.37%	0.352%
10	5.863	605	608	614	rVB	229901	259486	2.38%	0.156%
11	6.022	631	635	638	rBV2	178764	213997	1.96%	0.128%
12	6.104	643	649	650	rBV	171126	195325	1.79%	0.117%
13	6.199	661	665	672	rBV2	266455	469043	4.29%	0.281%
14	6.393	693	698	701	rBV3	227302	380166	3.48%	0.228%
15	6.451	701	708	711	rVV	656889	841493	7.70%	0.505%
16	6.487	711	714	717	rVV	4408421	4829844	44.22%	2.896%
17	6.522	717	720	722	rVV	4854216	4289185	39.27%	2.572%
18	6.569	722	728	733	rVB	6845131	7281602	66.67%	4.366%
19	6.651	737	742	745	rVB	5116876	4680963	42.86%	2.807%
20	6.793	760	766	769	rVB	8557591	10921797	100.00%	6.548%
21	6.893	777	783	785	rBV3	192663	264636	2.42%	0.159%
22	6.963	791	795	797	rBV2	886858	805702	7.38%	0.483%
23	6.987	797	799	801	rVV	1087448	819289	7.50%	0.491%
24	7.022	801	805	810	rVB	5917284	6038790	55.29%	3.621%
25	7.075	810	814	816	rBV	378465	427690	3.92%	0.256%
26	7.140	822	825	828	rVB	2026619	1620966	14.84%	0.972%
27	7.204	832	836	838	rVV	2935182	2763744	25.30%	1.657%
28	7.234	838	841	844	rVV	3638567	3560705	32.60%	2.135%
29	7.281	844	849	855	rVB	6465582	7567533	69.29%	4.537%
30	7.351	855	861	864	rVB	2366907	2185762	20.01%	1.310%
31	7.387	864	867	869	rBV	186812	212020	1.94%	0.127%
32	7.422	869	873	875	rVV	3248254	3508163	32.12%	2.103%
33	7.445	875	877	880	rVV	3050996	2712918	24.84%	1.627%
34	7.498	880	886	888	rVV	6619656	7231622	66.21%	4.336%
35	7.528	888	891	898	rVB2	4037279	4652998	42.60%	2.790%
36	7.604	898	904	907	rBV3	871172	1056054	9.67%	0.633%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.640	907	910	913	rVV	2494899	2360084	21.61%	1.415%
38	7.728	917	925	927	rVV	4341038	5092787	46.63%	3.053%
39	7.757	927	930	933	rVV	6135862	5588266	51.17%	3.350%
40	7.804	936	938	940	rVV	322776	234019	2.14%	0.140%
41	7.840	940	944	946	rVV	1003959	1162999	10.65%	0.697%
42	7.863	946	948	950	rVV	1332376	1119231	10.25%	0.671%
43	7.893	950	953	954	rVV	1895985	1769063	16.20%	1.061%
44	7.916	954	957	961	rVV	3154219	3334307	30.53%	1.999%
45	7.981	961	968	970	rVV2	6552035	7575851	69.36%	4.542%
46	8.004	970	972	974	rVV	2079487	1746502	15.99%	1.047%
47	8.051	976	980	983	rVV2	1371849	1965479	18.00%	1.178%
48	8.081	983	985	987	rVV2	621775	545985	5.00%	0.327%
49	8.104	987	989	992	rVB	1500132	1185623	10.86%	0.711%
50	8.187	997	1003	1004	rBV2	682435	880517	8.06%	0.528%
51	8.228	1004	1010	1012	rVV	2806077	4539589	41.56%	2.722%
52	8.263	1012	1016	1018	rVV3	3877260	5167327	47.31%	3.098%
53	8.287	1018	1020	1023	rVB	2387714	1852189	16.96%	1.110%
54	8.322	1023	1026	1029	rBV	1587437	1292207	11.83%	0.775%
55	8.392	1034	1038	1043	rVV4	481484	980164	8.97%	0.588%
56	8.440	1043	1046	1051	rVV3	354209	444147	4.07%	0.266%
57	8.498	1051	1056	1057	rVV3	556732	868084	7.95%	0.520%
58	8.516	1057	1059	1064	rVV3	1538174	1827729	16.73%	1.096%
59	8.557	1064	1066	1069	rVV	386968	451329	4.13%	0.271%
60	8.622	1073	1077	1080	rVV	2023245	1873126	17.15%	1.123%
61	8.651	1080	1082	1083	rVV2	210644	160149	1.47%	0.096%
62	8.675	1083	1086	1088	rVV3	291833	378383	3.46%	0.227%
63	8.704	1088	1091	1094	rVV	1499479	1440946	13.19%	0.864%
64	8.745	1095	1098	1103	rVV3	871298	1250227	11.45%	0.750%
65	8.798	1103	1107	1109	rVV2	812999	884632	8.10%	0.530%
66	8.828	1109	1112	1115	rVV3	1038552	1119819	10.25%	0.671%
67	8.869	1115	1119	1123	rVV2	480410	743840	6.81%	0.446%
68	8.904	1123	1125	1127	rVV2	238573	229176	2.10%	0.137%
69	8.928	1127	1129	1131	rVV2	228823	249398	2.28%	0.150%
70	8.957	1131	1134	1137	rVV	2921231	2387016	21.86%	1.431%
71	8.987	1137	1139	1141	rVB	205374	154237	1.41%	0.092%
72	9.010	1141	1143	1145	rBV2	165908	149248	1.37%	0.089%
73	9.057	1145	1151	1153	rVV	2287897	2465000	22.57%	1.478%
74	9.081	1153	1155	1157	rVV	271983	217272	1.99%	0.130%
75	9.104	1157	1159	1163	rVB5	194061	197237	1.81%	0.118%
76	9.139	1163	1165	1169	rVB3	196033	178219	1.63%	0.107%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DUP040722

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.181	1169	1172	1175	rVB	357081	317257	2.90%	0.190%
78	9.316	1189	1195	1198	rVB	3698253	3308021	30.29%	1.983%
79	9.387	1198	1207	1210	rVB4	117327	204865	1.88%	0.123%
80	9.510	1226	1228	1232	rVV	192469	198548	1.82%	0.119%
81	9.551	1232	1235	1237	rVV2	184587	190373	1.74%	0.114%
82	9.575	1237	1239	1245	rVV	399506	552858	5.06%	0.331%
83	9.651	1249	1252	1255	rBV	574879	596627	5.46%	0.358%
84	9.681	1255	1257	1259	rVB	289163	216916	1.99%	0.130%
85	9.769	1269	1272	1274	rBV	222277	204244	1.87%	0.122%
86	9.804	1274	1278	1281	rVB2	278139	300757	2.75%	0.180%
87	9.998	1305	1311	1314	rBV	993019	912863	8.36%	0.547%
88	10.198	1341	1345	1349	rVB3	159830	199959	1.83%	0.120%
89	10.310	1361	1364	1367	rBV2	146250	148600	1.36%	0.089%
90	10.616	1410	1416	1420	rBV3	117397	167027	1.53%	0.100%
91	10.786	1441	1445	1448	rBV	2284811	1921880	17.60%	1.152%
92	10.910	1463	1466	1472	rVB2	166618	186164	1.70%	0.112%
93	11.486	1561	1564	1567	rBV	912021	757811	6.94%	0.454%
94	12.004	1647	1652	1657	rBV2	170160	217618	1.99%	0.130%
95	12.704	1767	1771	1775	rVB	265050	216077	1.98%	0.130%
96	12.933	1807	1810	1813	rVB	228254	180699	1.65%	0.108%
97	13.075	1830	1834	1838	rVB	3402093	3194496	29.25%	1.915%
98	13.974	1984	1987	1997	rVB2	282000	378561	3.47%	0.227%
99	14.133	2006	2014	2017	rBV	999290	980189	8.97%	0.588%
100	15.651	2267	2272	2280	rBV	715976	924211	8.46%	0.554%

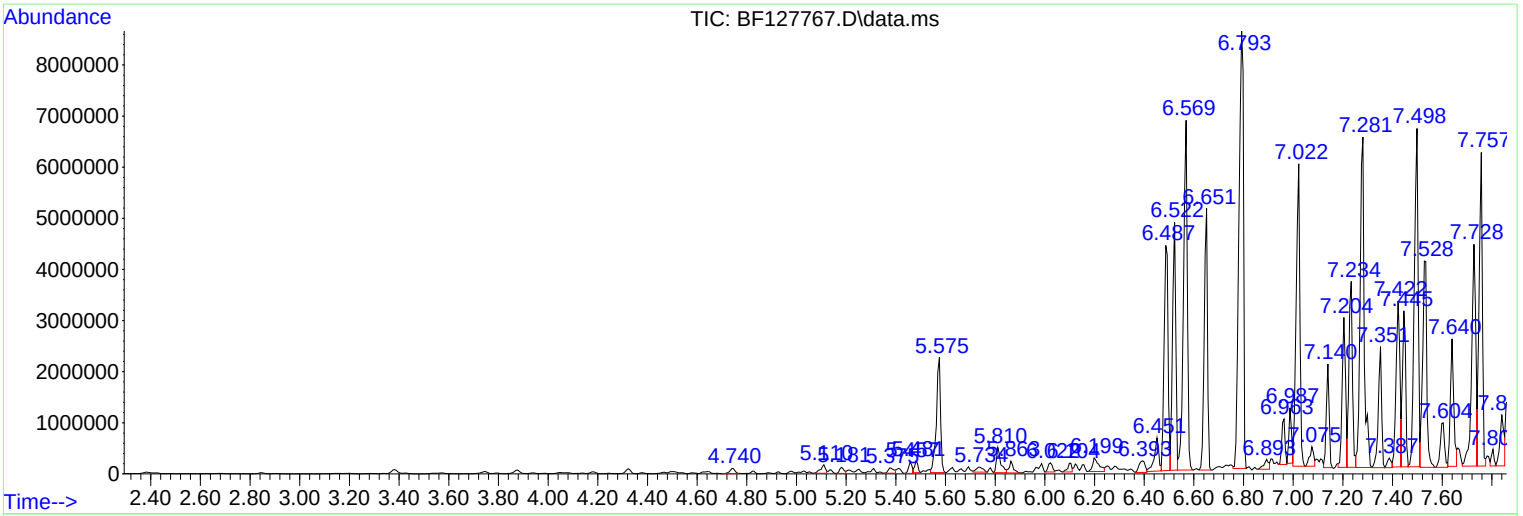
Sum of corrected areas: 166789341

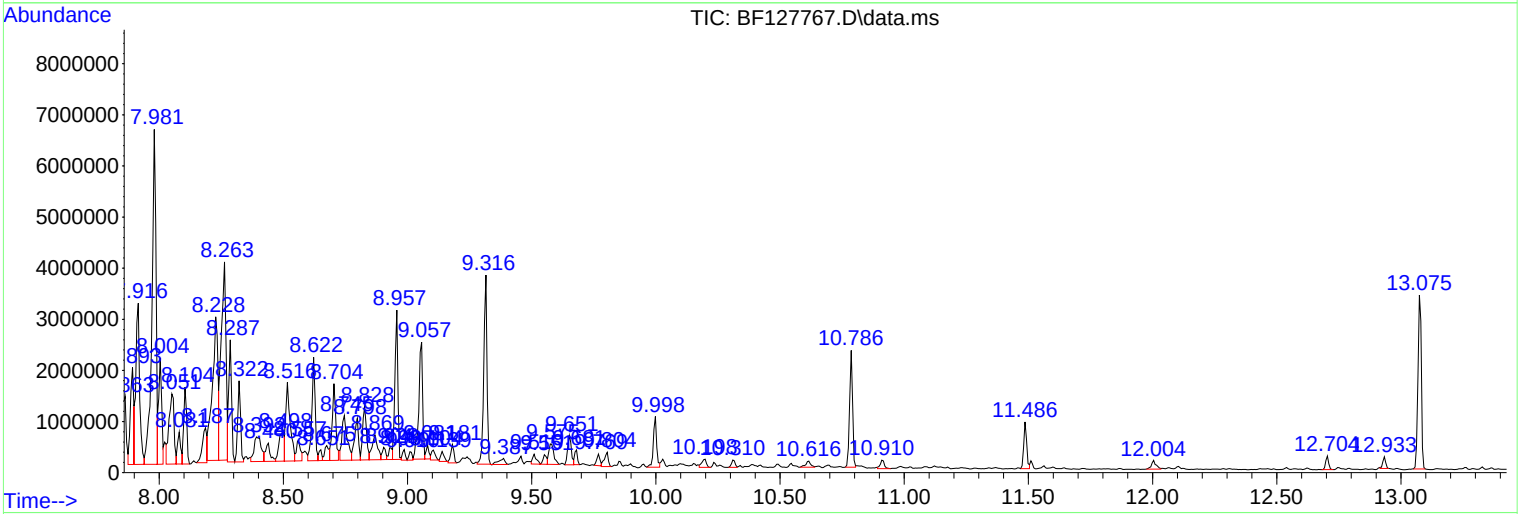
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

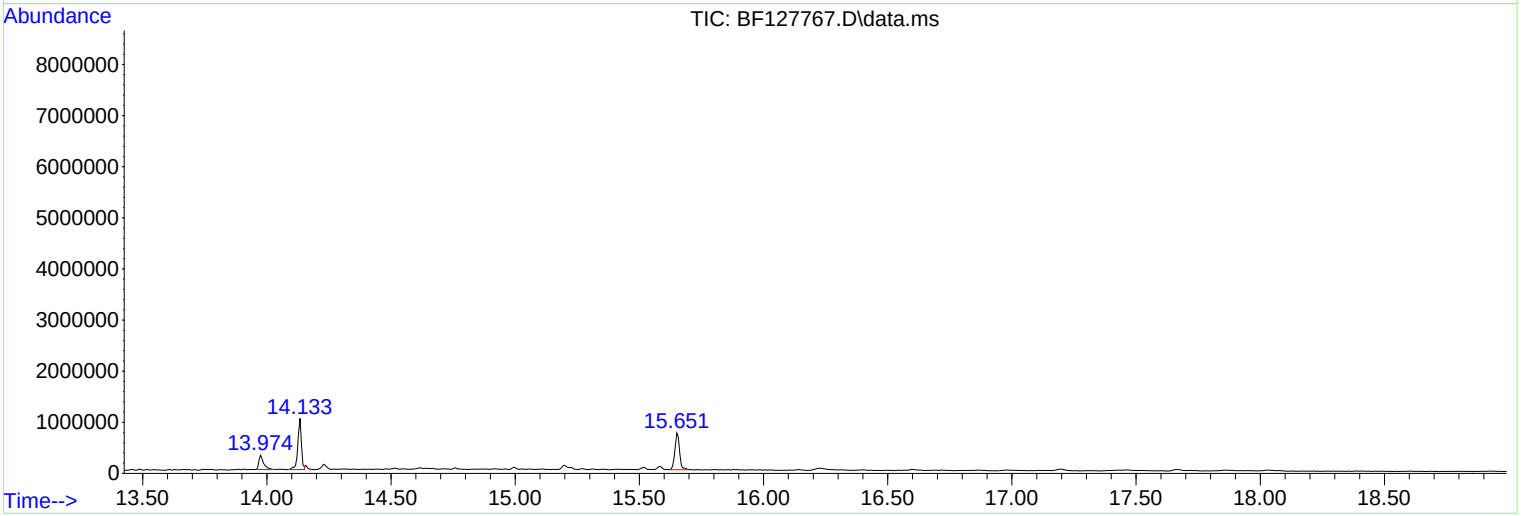
Instrument :
BNA_F
ClientSampleId :
DUP040722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

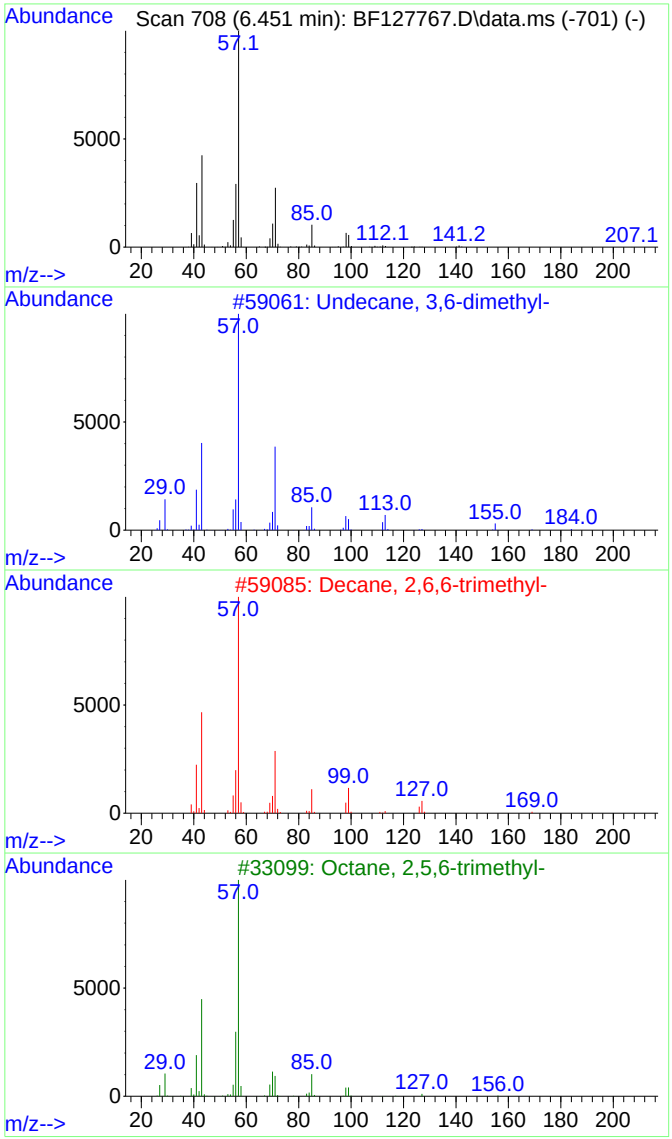
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

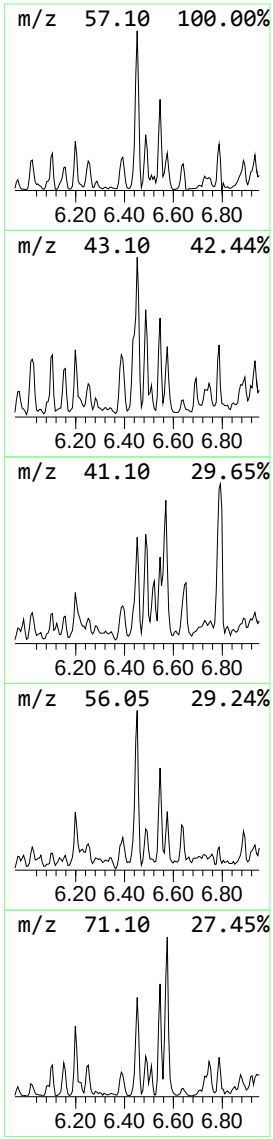
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.451	20.89 ng	841493	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
2	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	72
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
4	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
5	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

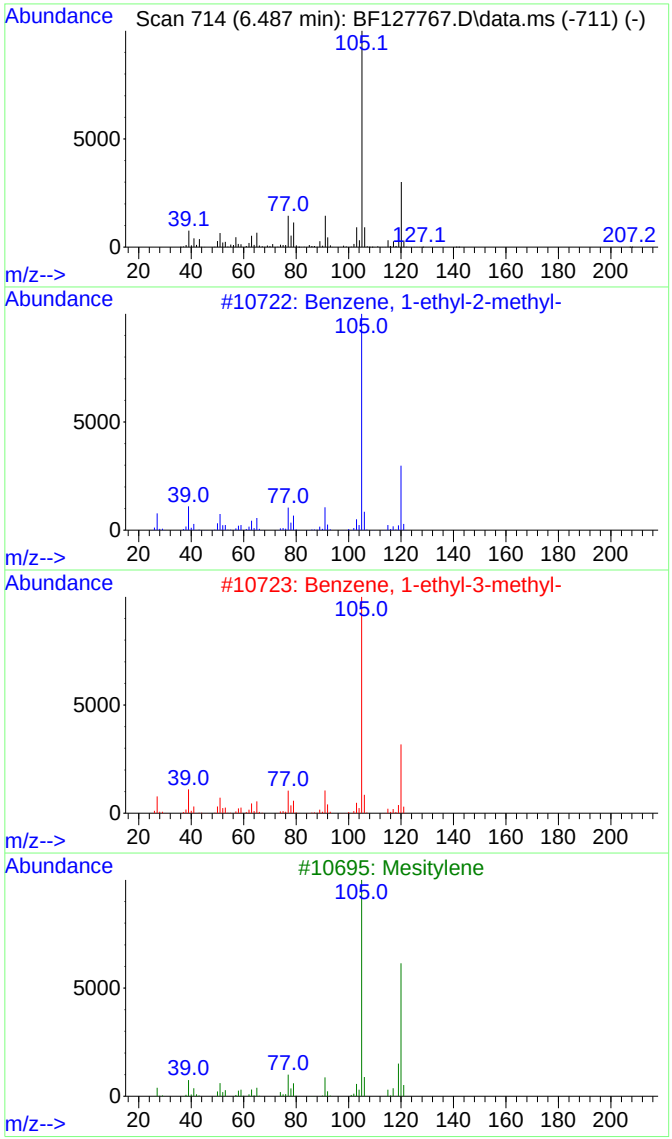
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

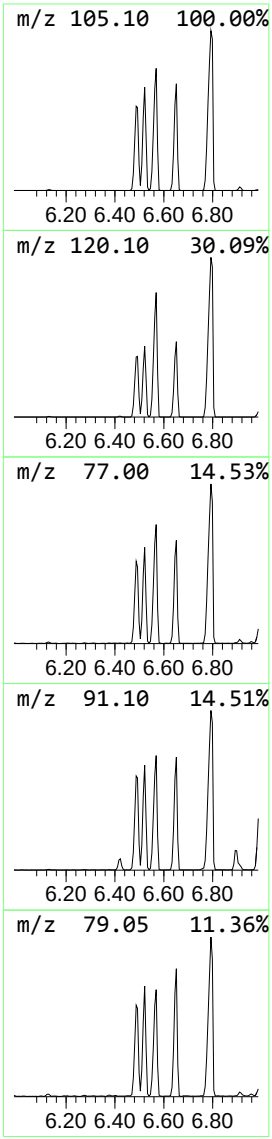
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	119.89 ng	4829840	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

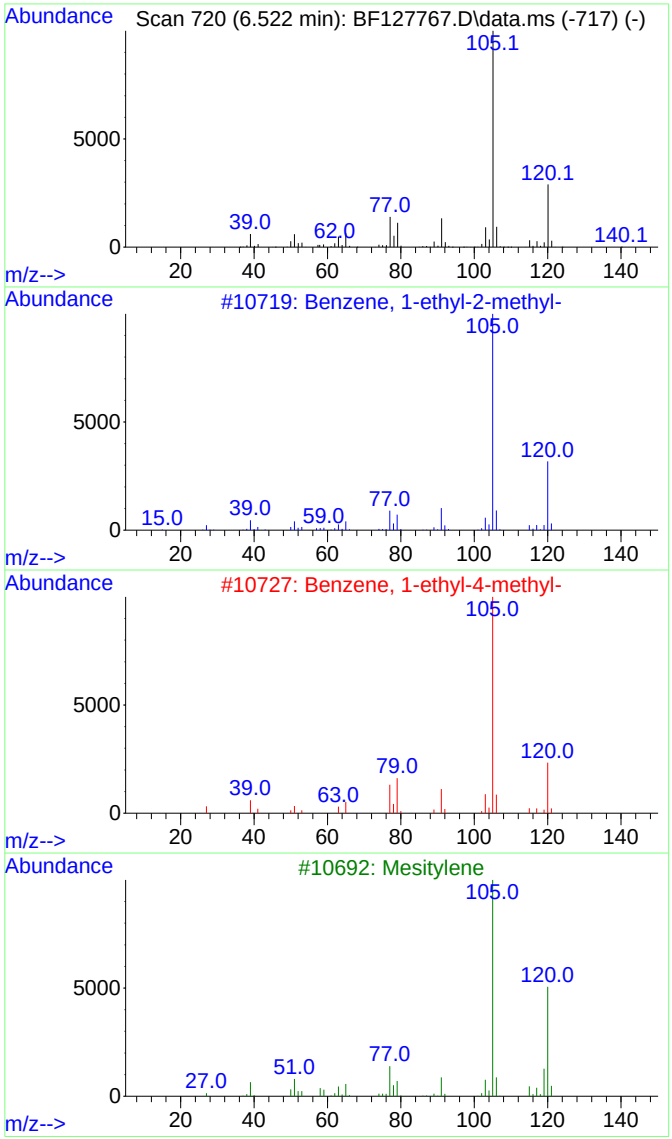
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

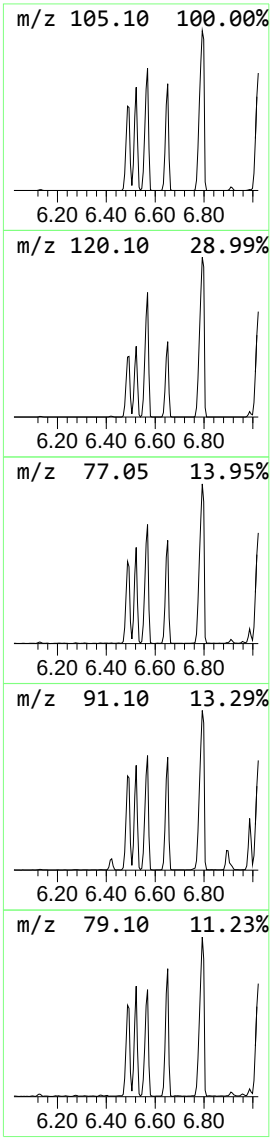
****

Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.522	106.47 ng	4289190	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

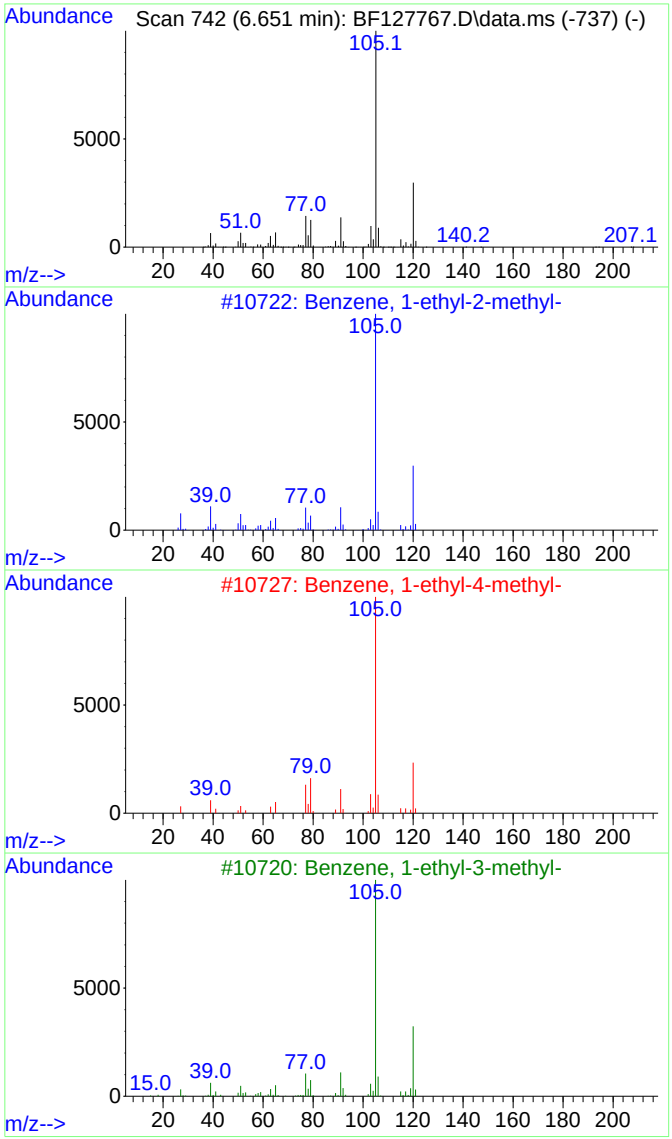
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

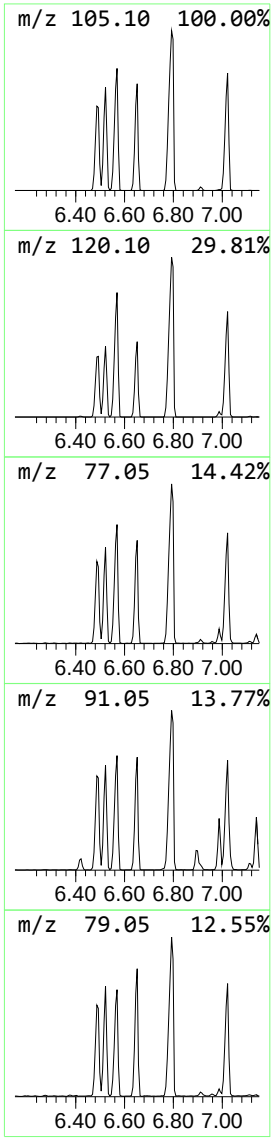
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	116.20 ng	4680960	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

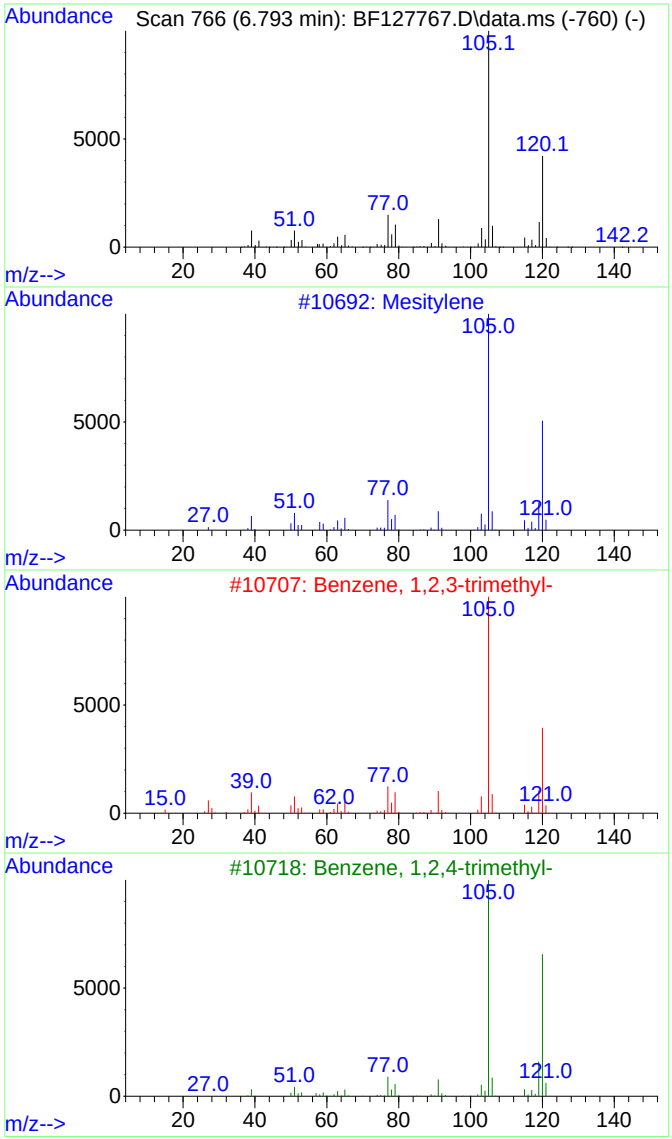
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

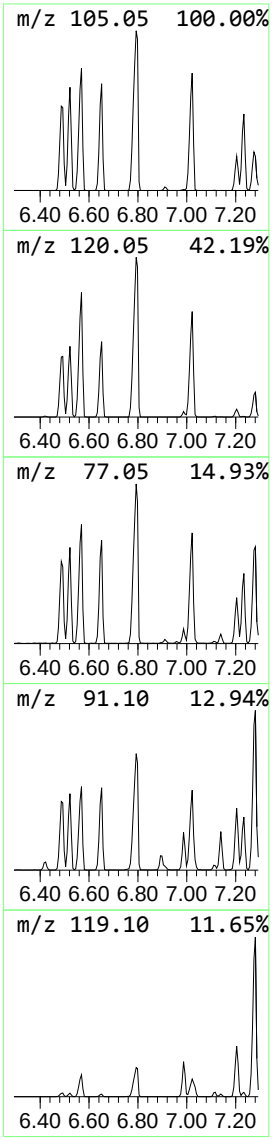
****

Peak Number 6 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.793	271.11 ng	10921800	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

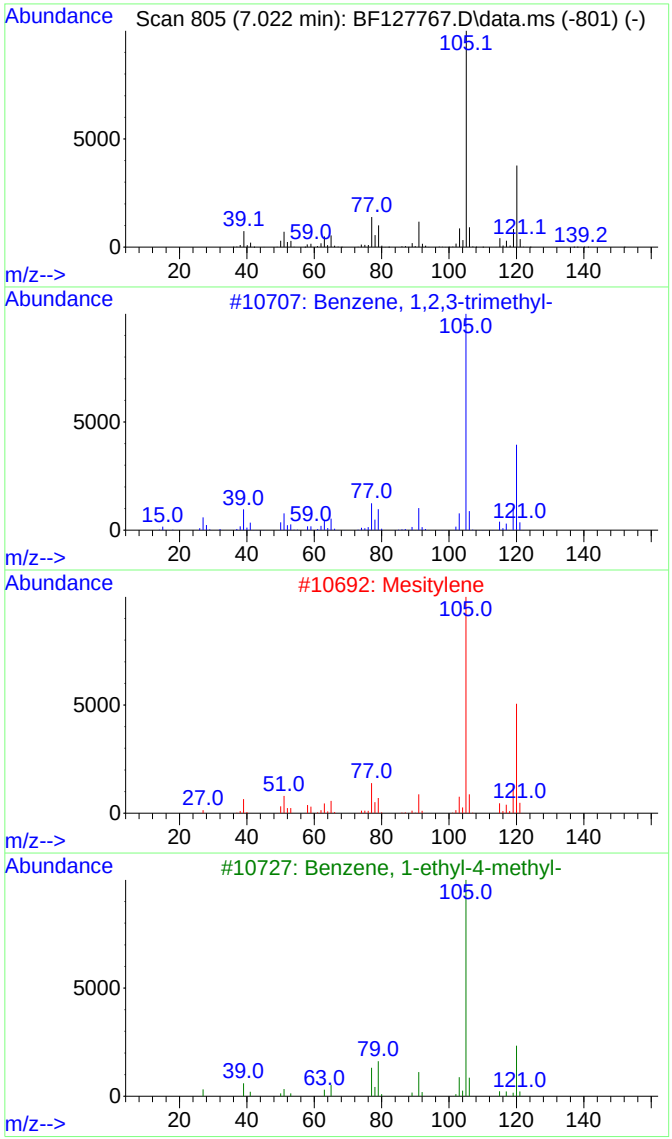
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

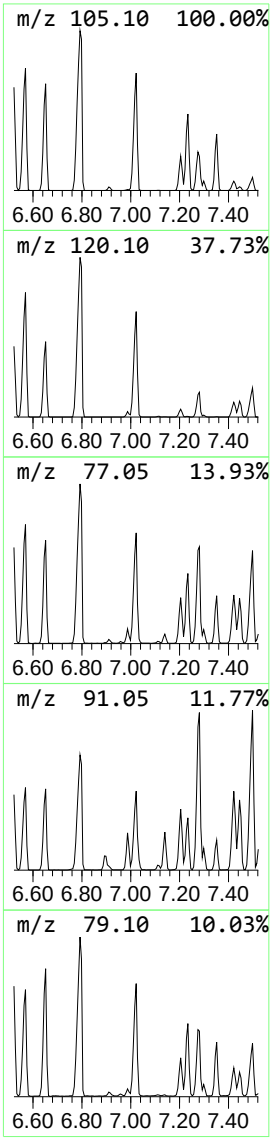
****

Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.022	149.90 ng	6038790	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Misc :
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Instrument :
BNA_F
ClientSampleId :
DUP040722

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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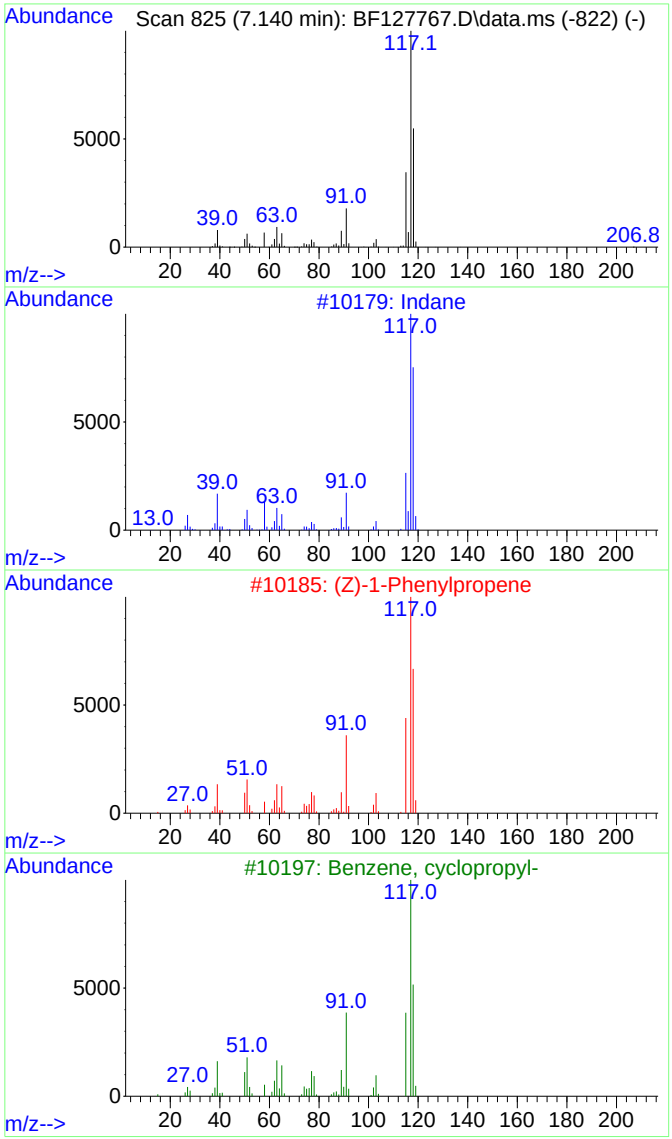
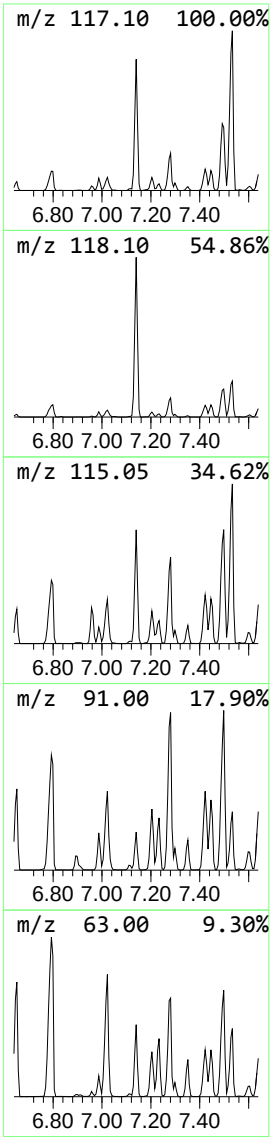
Peak Number 8 Indane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.140	40.24 ng	1620970	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59





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

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

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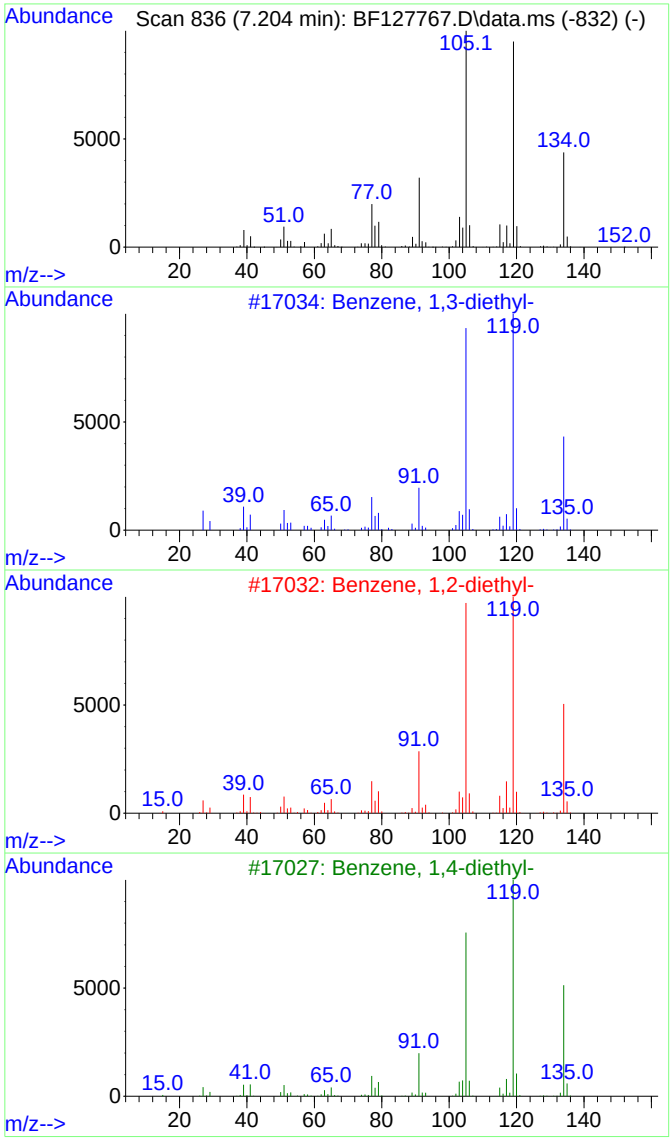
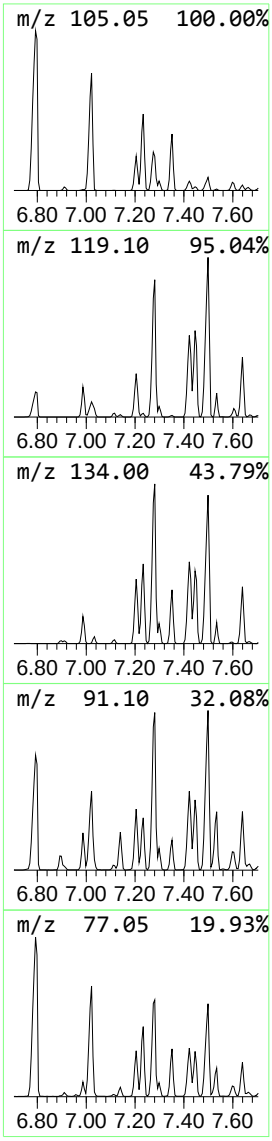
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	68.60 ng	2763740	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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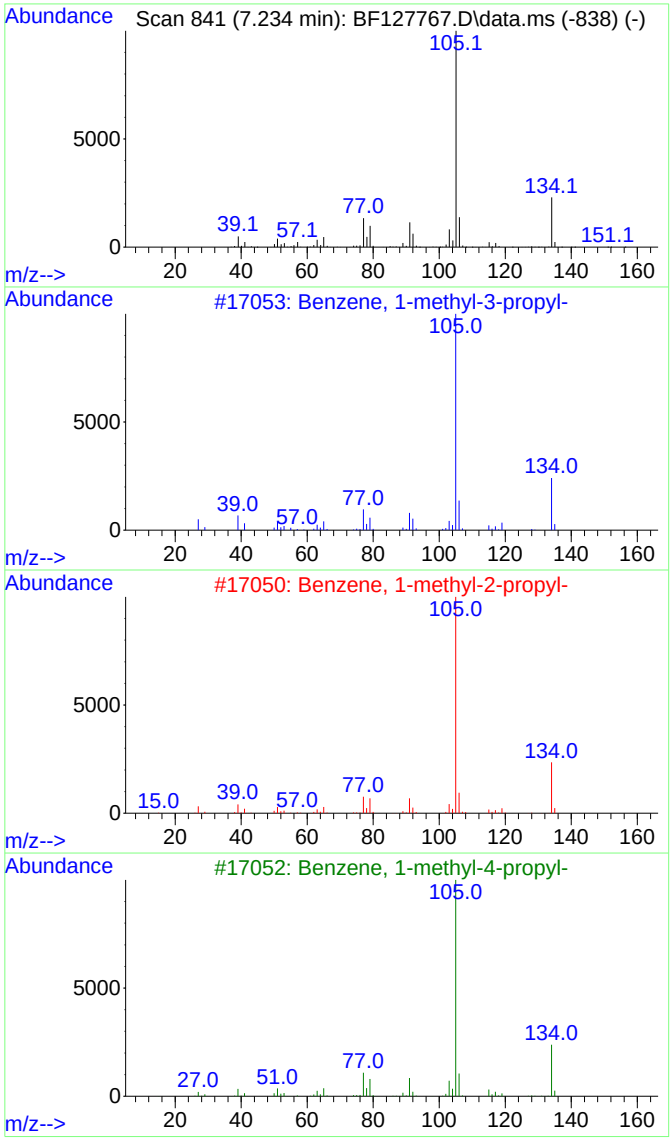
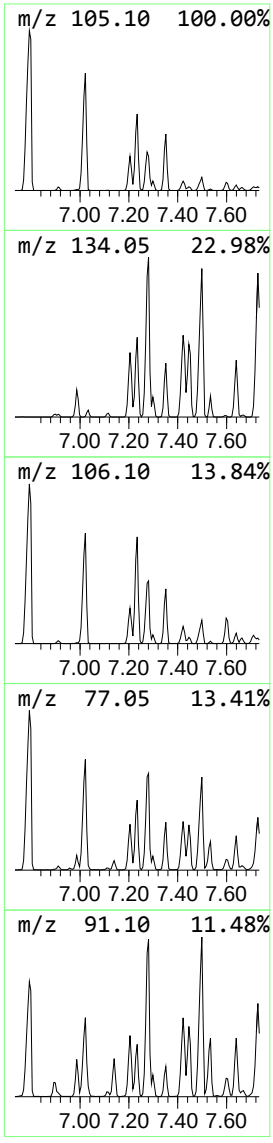
Peak Number 10 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	88.39 ng	3560710	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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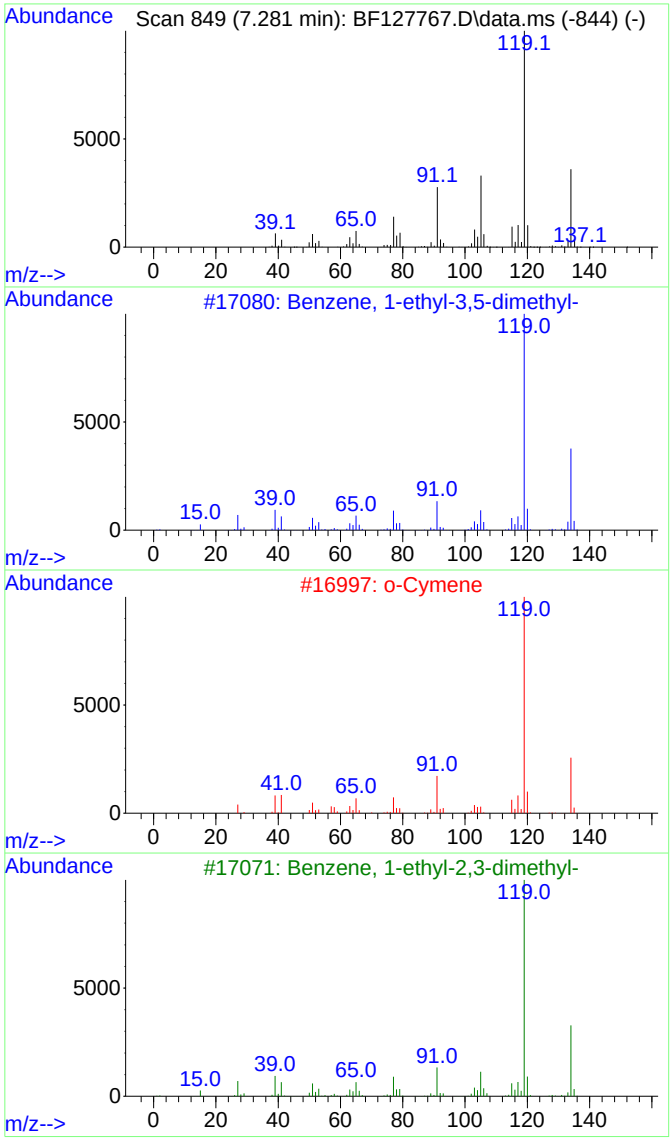
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

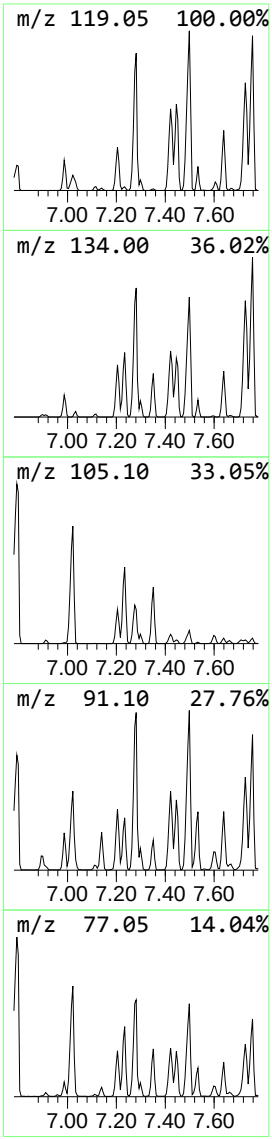
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.281	187.85 ng	7567530	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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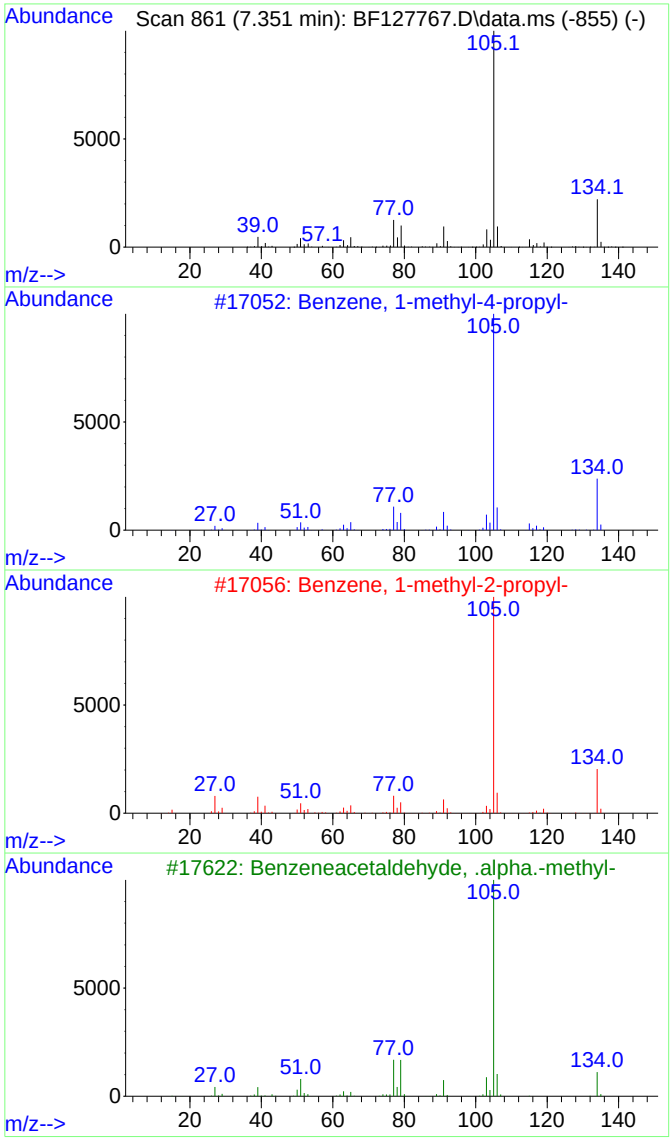
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

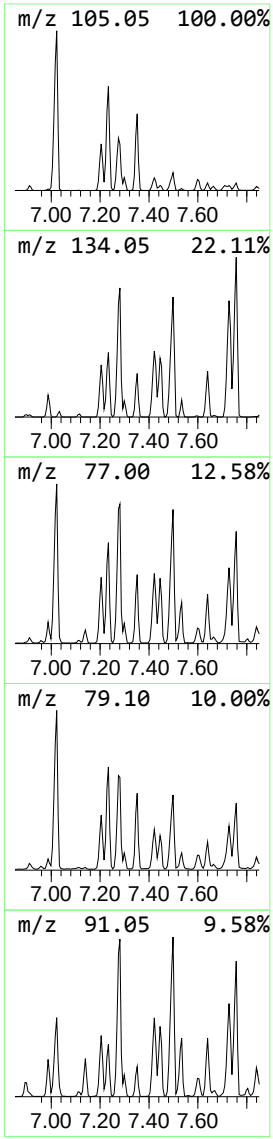
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.351	54.26 ng	2185760	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	90
5	2-Tolyloxirane	134	C9H10O	002783-26-8	83





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Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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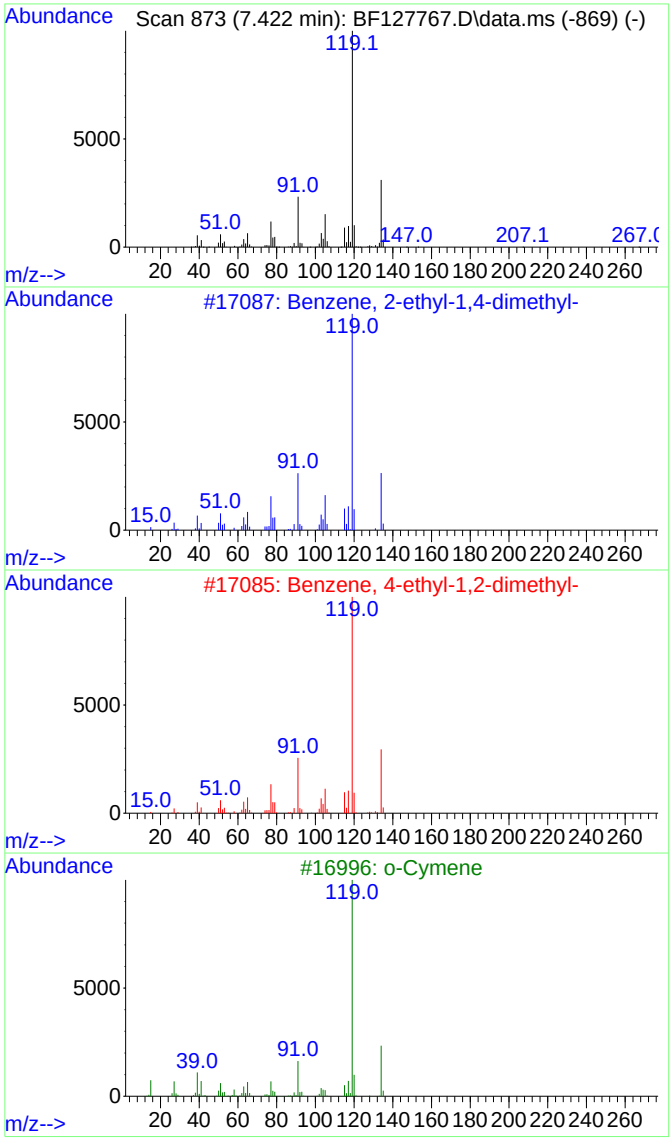
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

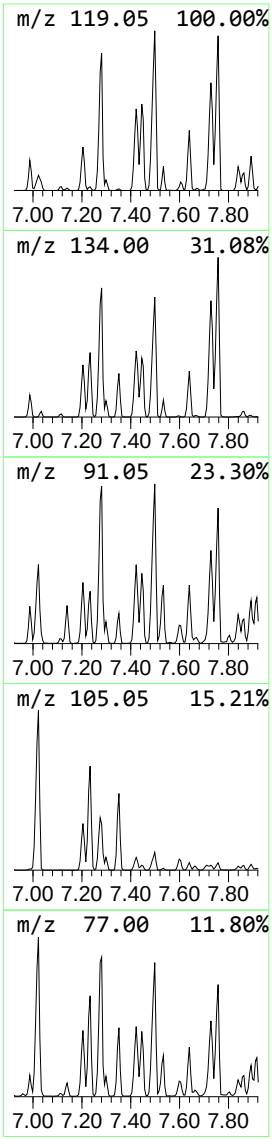
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	87.08 ng	3508160	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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

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

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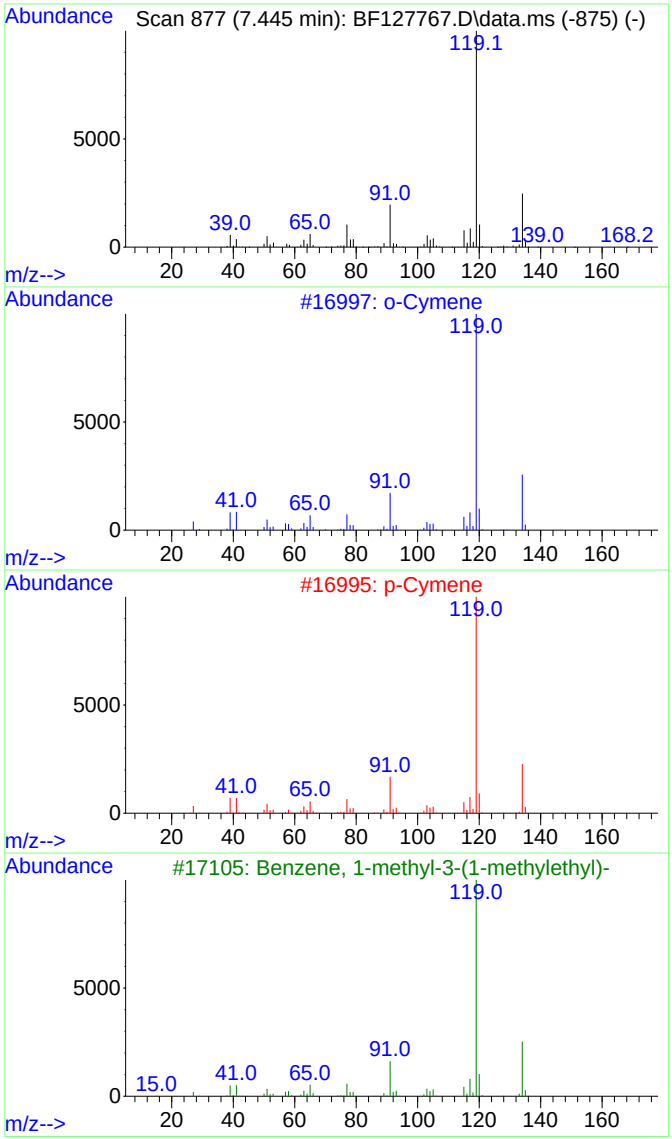
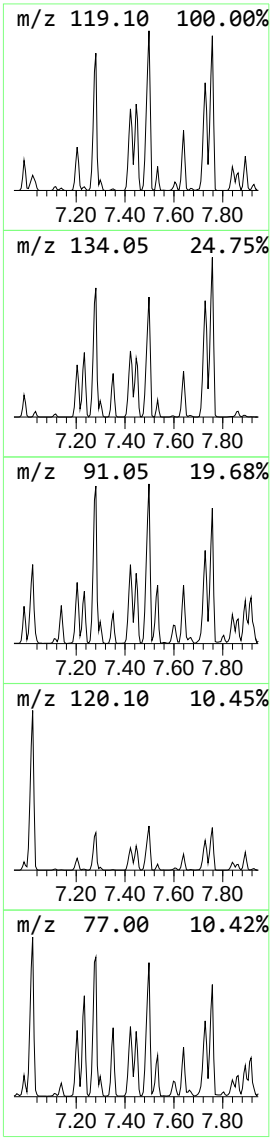
Peak Number 14 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.445	67.34 ng	2712920	1,4-Dichlorobenzene-d4	6.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	p-Cymene	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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ALS Vial : 16 Sample Multiplier: 1

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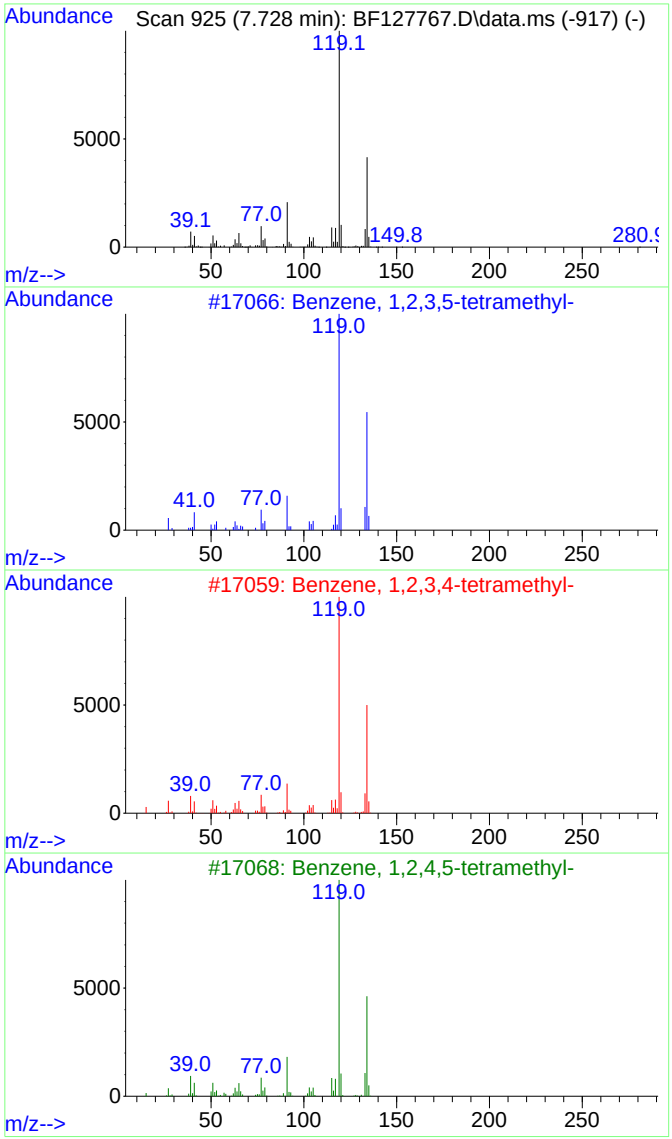
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

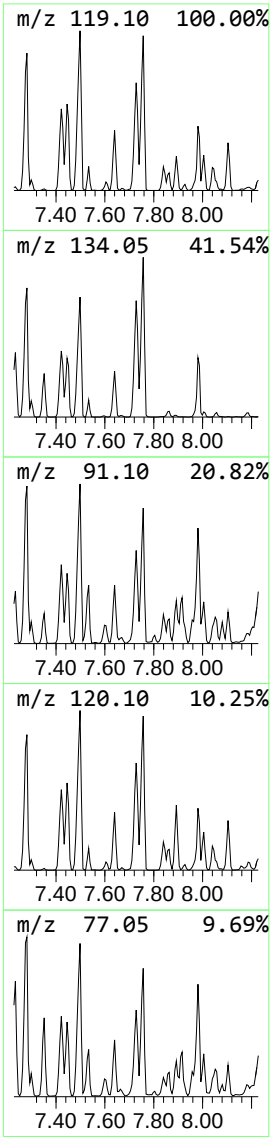
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.728	22.44 ng	5092790	Naphthalene-d8	8.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

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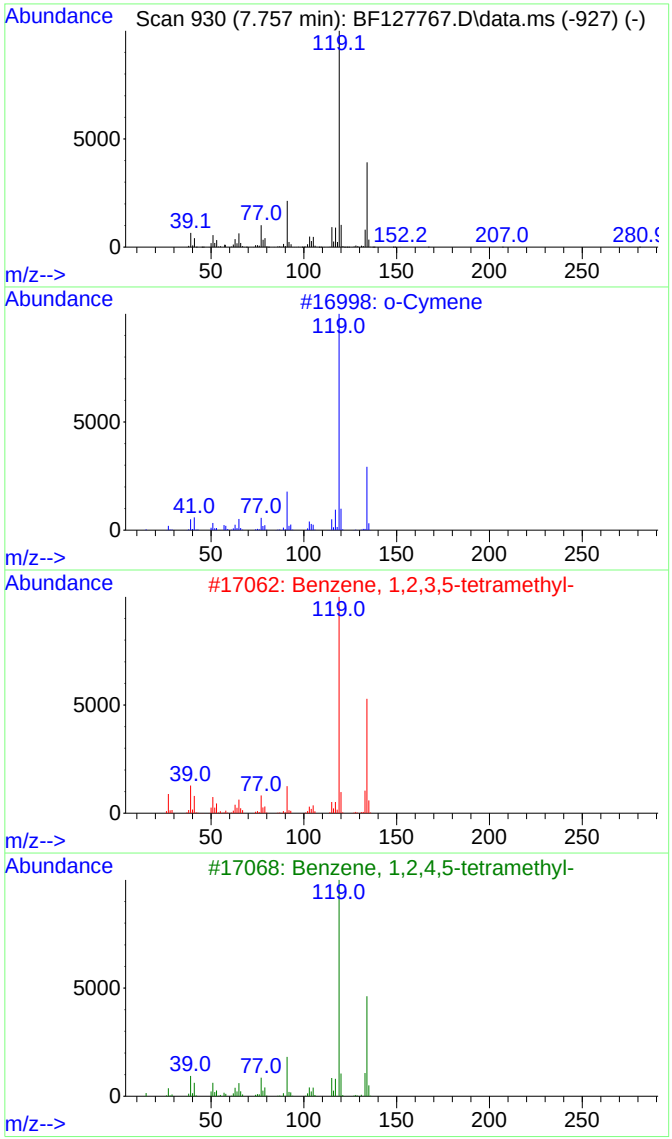
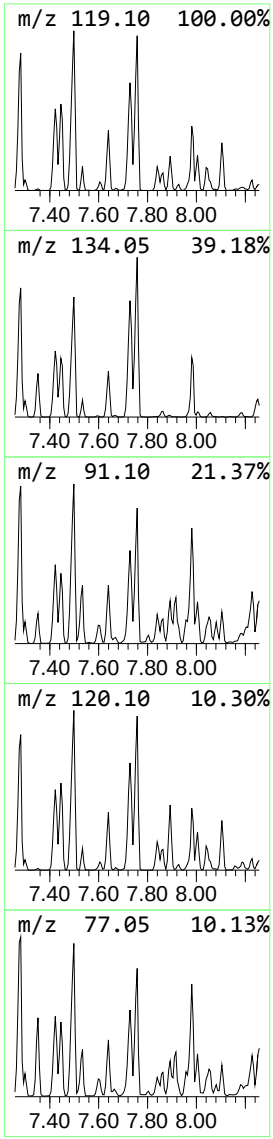
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.757	24.62 ng	5588270	Naphthalene-d8	8.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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

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

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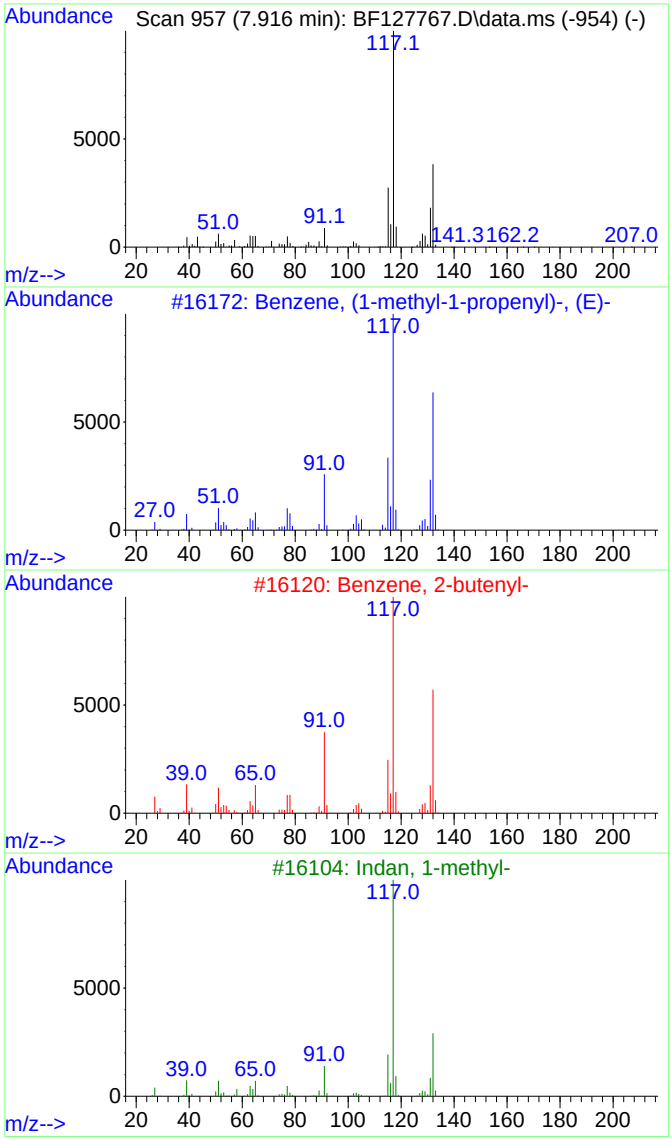
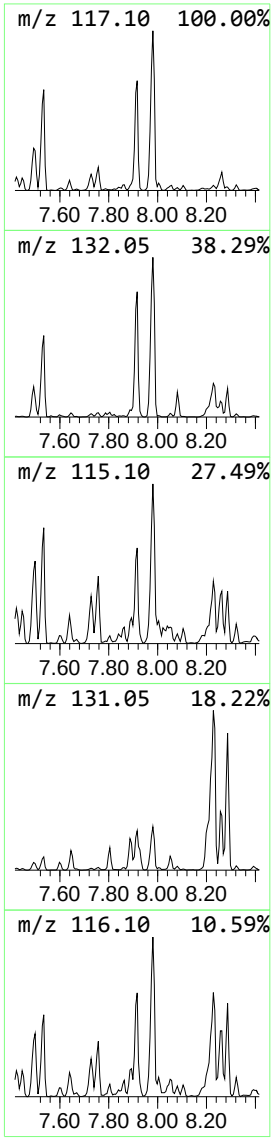
Peak Number 17 Benzene, (1-methyl-1-propen... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.916	14.69 ng	3334310	Naphthalene-d8	8.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	91
3	Indan, 1-methyl-	132	C10H12	000767-58-8	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90





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Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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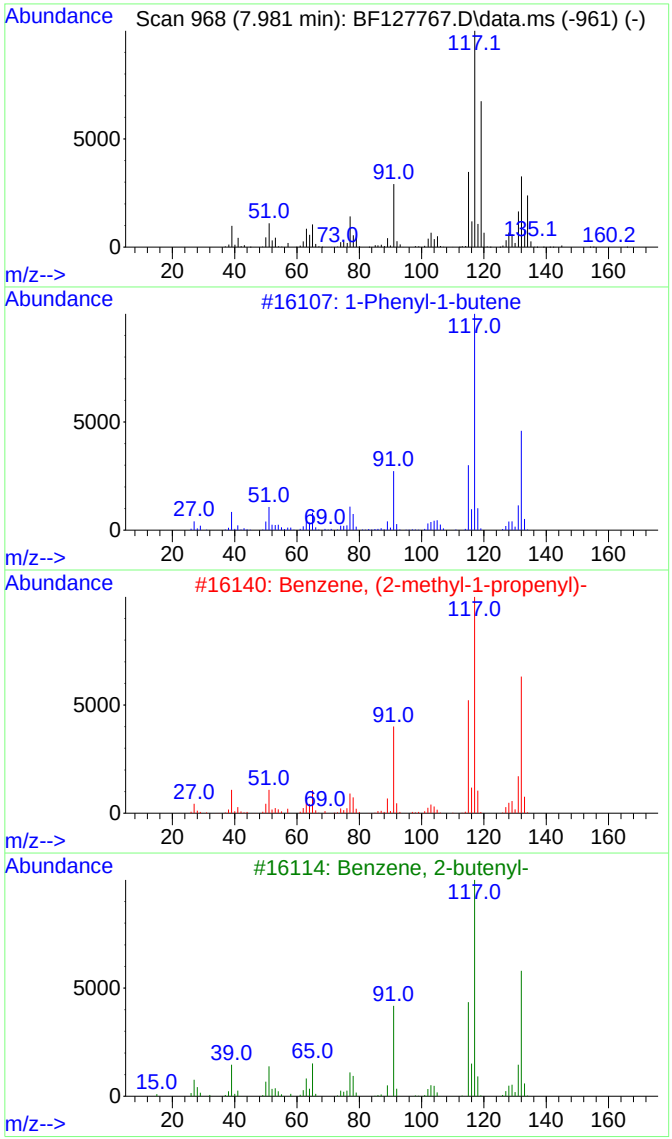
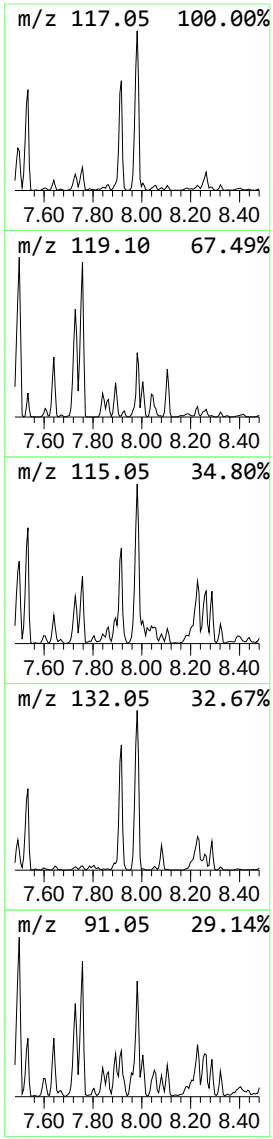
Peak Number 18 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.981	33.38 ng	7575850	Naphthalene-d8	8.240

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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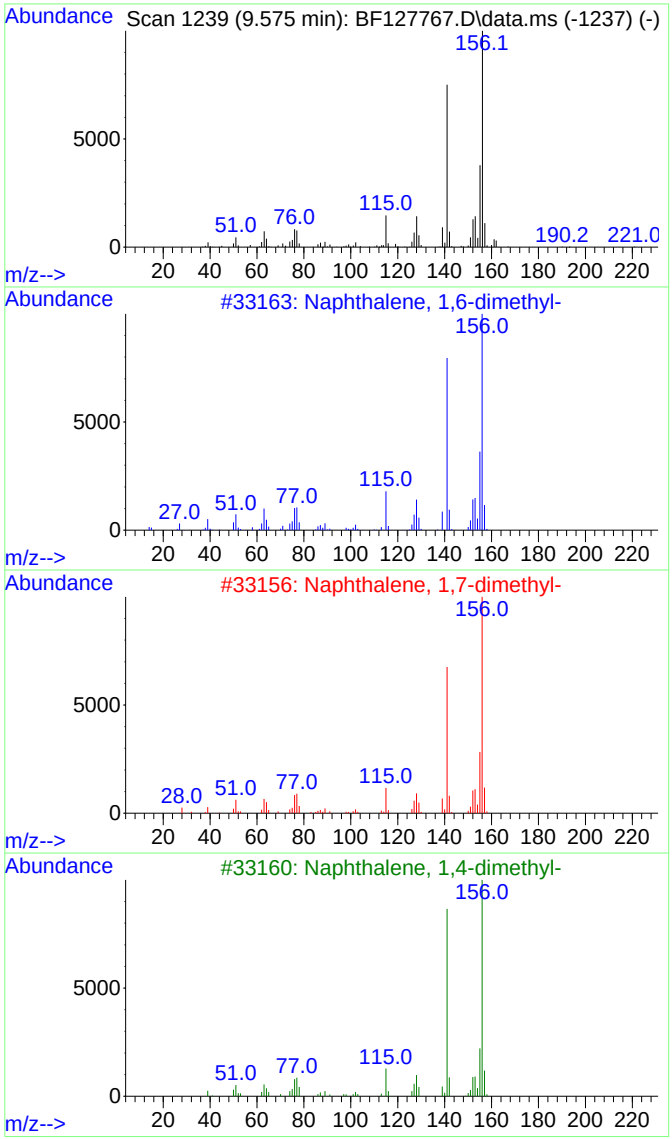
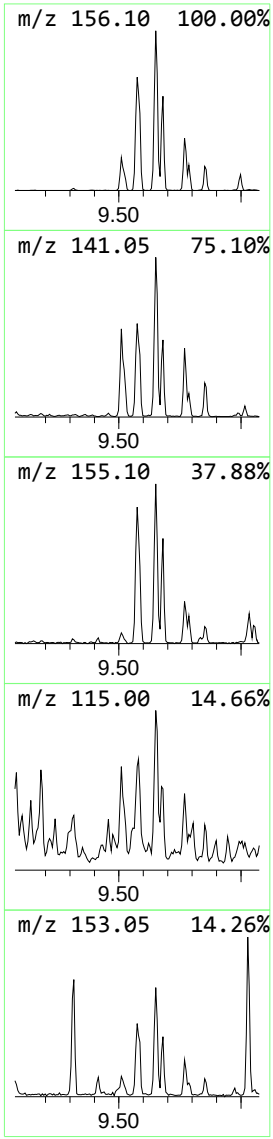
Peak Number 19 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	12.11 ng	552858	Acenaphthene-d10	9.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

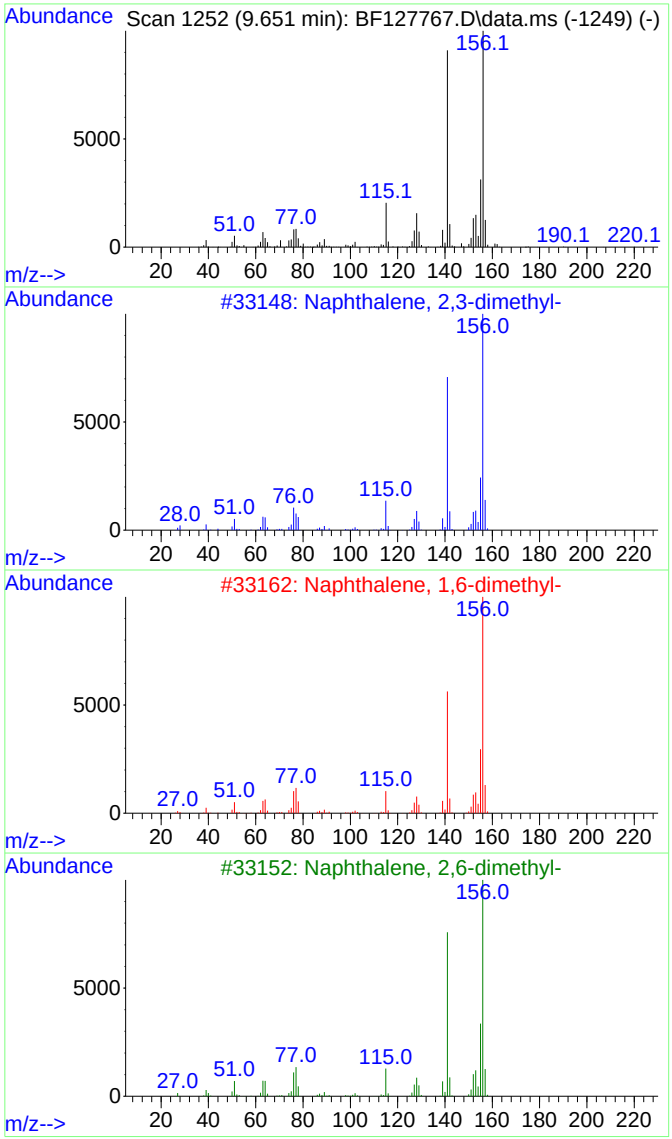
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

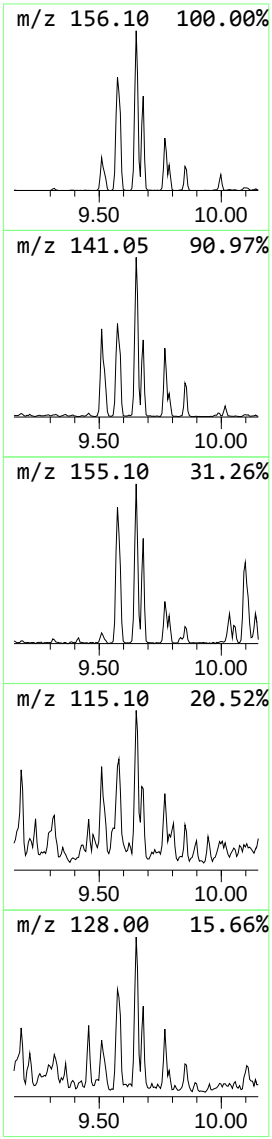
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.651	13.07 ng	596627	Acenaphthene-d10	9.998

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
Data File : BF127767.D
Acq On : 12 Apr 2022 19:31
Operator : CG\JU
Sample : N2334-13
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUP040722

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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
Undecane, 3,6-d...	6.451	20.9	ng	841493	1	6.957	805702	20.0
Benzene, 1-ethy...	6.487	119.9	ng	4829840	1	6.957	805702	20.0
Benzene, 1-ethy...	6.522	106.5	ng	4289190	1	6.957	805702	20.0
Benzene, 1-ethy...	6.651	116.2	ng	4680960	1	6.957	805702	20.0
Mesitylene	6.793	271.1	ng	10921800	1	6.957	805702	20.0
Benzene, 1,2,3-...	7.022	149.9	ng	6038790	1	6.957	805702	20.0
Indane	7.140	40.2	ng	1620970	1	6.957	805702	20.0
Benzene, 1,3-di...	7.204	68.6	ng	2763740	1	6.957	805702	20.0
Benzene, 1-meth...	7.234	88.4	ng	3560710	1	6.957	805702	20.0
Benzene, 1-ethy...	7.281	187.8	ng	7567530	1	6.957	805702	20.0
Benzene, 1-meth...	7.351	54.3	ng	2185760	1	6.957	805702	20.0
Benzene, 2-ethy...	7.422	87.1	ng	3508160	1	6.957	805702	20.0
o-Cymene	7.445	67.3	ng	2712920	1	6.957	805702	20.0
Benzene, 1,2,3,...	7.728	22.4	ng	5092790	2	8.240	4539590	20.0
Benzene, 1,2,4,...	7.757	24.6	ng	5588270	2	8.240	4539590	20.0
Benzene, (1-met...	7.916	14.7	ng	3334310	2	8.240	4539590	20.0
1-Phenyl-1-butene	7.981	33.4	ng	7575850	2	8.240	4539590	20.0
Naphthalene, 1,...	9.575	12.1	ng	552858	3	9.998	912863	20.0
Naphthalene, 2,...	9.651	13.1	ng	596627	3	9.998	912863	20.0