LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.216	17	22	28	rVB	355146	458803	1.77%	0.119%
2	3.675	255	270	275	rBV	430261	798654	3.08%	0.208%
3	3.804	280	292	298	rVV	561383	947400	3.66%	0.247%
4	3.981	314	322	330	rBV3	302903	615494	2.38%	0.160%
5	4.116	339	345	351	rVB	359294	550164	2.12%	0.143%
6	4.263	359	370	374	rBV	1026091	1413023	5.46%	0.368%
7	4.569	417	422	429	rVB3	626087	1001625	3.87%	0.261%
8	4.681	433	441	445	rBV3	345668	515106	1.99%	0.134%
9	4.769	452	456	461	rVB	385954	438362	1.69%	0.114%
10	4.869	469	473	477	rVB	295301	308849	1.19%	0.080%
11	4.975	487	491	496	rVB	591013	717835	2.77%	0.187%
12	5.057	496	505	507	rBV	1181271	1721207	6.65%	0.448%
13	5.128	513	517	521	rBV	673767	752219	2.90%	0.196%
14	5.328	546	551	554	rBV	1061867	1390053	5.37%	0.362%
15	5.404	559	564	566	rBV	3568229	3601976	13.91%	0.938%
16	5.534	577	586	591	rVB2	10522376	20230363	78.10%	5.266%
17	5.587	591	595	598	rBV	1718441	1422313	5.49%	0.370%
18	5.616	598	600	602	rBV	396485	312250	1.21%	0.081%
19	5.651	602	606	609	rBV	1154770	1015417	3.92%	0.264%
20	5.687	609	612	617	rBV2	837446	1156012	4.46%	0.301%
21	5.734	617	620	622	rVB	932600	740605	2.86%	0.193%
22	5.757	622	624	625	rBV	798996	644344	2.49%	0.168%
23	5.787	625	629	632	rVB2	927047	1252591	4.84%	0.326%
24	5.822	632	635	641	rVB	2700683	2844464	10.98%	0.740%
25	5.916	648	651	652	rBV	599917	538245	2.08%	0.140%
26	5.934	652	654	657	rVB	1063622	986446	3.81%	0.257%
27	5.975	657	661	669	rBV4	1181639	2129734	8.22%	0.554%
28	6.075	669	678	682	rBV4	1747665	3675071	14.19%	0.957%
29	6.110	682	684	687	rVB2	494687	469759	1.81%	0.122%
30	6.163	688	693	699	rBV	2241838	3397177	13.12%	0.884%
31	6.210	699	701	706	rVB2	462056	583358	2.25%	0.152%
32	6.375	720	729	733	rBV	3197063	7603527	29.36%	1.979%
33	6.439	733	740	742	rVV	9124204	15865924	61.25%	4.130%
34	6.469	742	745	747	rVV2	10027308	14364962	55.46%	3.739%
35	6.498	747	750	751	rVV	5893917	6131019	23.67%	1.596%
36	6.539	751	757	762	rVV3	8692542	15617797	60.30%	4.065%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

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-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.610	764	769	774	rVB	3644827	4994423	19.28%	1.300%
38	6.763	774	795	796	rBV	14082634	25901547	100.00%	6.742%
39	6.786	797	799	801	rVV	16042155	11217302	43.31%	2.920%
40	6.857	805	811	813	rBV2	1488296	2140829	8.27%	0.557%
41	6.910	817	820	821	rVV2	723940	796392	3.07%	0.207%
42	6.945	821	826	828	rVV	5079248	6613616	25.53%	1.721%
43	6.992	828	834	839	rVV2	7560117	12279016	47.41%	3.196%
44	7.057	839	845	847	rVV	6194049	7361355	28.42%	1.916%
45	7.110	849	854	856	rVB	4382177	5732635	22.13%	1.492%
46	7.204	856	870	872	rBV2	9111722	18984894	73.30%	4.941%
47	7.257	872	879	884	rVB2	12764570	20251778	78.19%	5.271%
48	7.316	884	889	892	rVB2	3577695	3996080	15.43%	1.040%
49	7.392	892	902	905	rBV3	4206325	10236423	39.52%	2.664%
50	7.422	905	907	909	rVV	3761770	2908365	11.23%	0.757%
51	7.469	909	915	917	rVV2	8052196	11394193	43.99%	2.966%
52	7.498	917	920	926	rVB2	5966713	7762925	29.97%	2.021%
53	7.563	926	931	934	rBV3	1696856	2510839	9.69%	0.654%
54	7.604	934	938	941	rBV2	2919377	3569749	13.78%	0.929%
55	7.669	946	949	950	rVV	2655767	2689312	10.38%	0.700%
56	7.692	950	953	955	rVV	4805389	6326444	24.42%	1.647%
57	7.722	955	958	961	rVV	7036669	8193889	31.63%	2.133%
58	7.751	961	963	966	rVV2	706625	872182	3.37%	0.227%
59	7.804	966	972	974	rVV2	1898157	2730547	10.54%	0.711%
60	7.828	974	976	977	rVV	1877343	1618256	6.25%	0.421%
61	7.857	977	981	982	rVV2	3886861	4338263	16.75%	1.129%
62	7.875	982	984	988	rVV2	5383555	6177011	23.85%	1.608%
63	7.922	988	992	993	rVV2	4688642	5083330	19.63%	1.323%
64	7.945	993	996	998	rVV3	9430610	11585129	44.73%	3.015%
65	7.969	998	1000	1002	rVV	4163512	3461988	13.37%	0.901%
66	7.986	1002	1003	1004	rVV	1416761	915450	3.53%	0.238%
67	8.016	1004	1008	1010	rVV2	2406167	3092810	11.94%	0.805%
68	8.039	1010	1012	1014	rVV	1568918	1352525	5.22%	0.352%
69	8.069	1014	1017	1019	rVB	1633683	1500141	5.79%	0.390%
70	8.169	1024	1034	1036	rBV3	2766018	4836471	18.67%	1.259%
71	8.198	1036	1039	1040	rVV2	4249872	4508126	17.40%	1.173%
72	8.222	1040	1043	1049	rVB4	6669133	11390382	43.98%	2.965%
73	8.275	1049	1052	1055	rBV	1714620	1316369	5.08%	0.343%
74	8.339	1058	1063	1064	rVV3	557650	536683	2.07%	0.140%
75	8.380	1068	1070	1073	rVB3	477479	460750	1.78%	0.120%
76	8.439	1073	1080	1081	rBV4	552842	683894	2.64%	0.178%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	8.469	1081	1085	1090	rVV4	1663476	2676808	10.33%	0.697%
78	8.533	1093	1096	1098	rVV2	781816	882822	3.41%	0.230%
79	8.575	1098	1103	1105	rVV2	2000250	2223622	8.58%	0.579%
80	8.592	1105	1106	1110	rVB2	512302	520957	2.01%	0.136%
81	8.651	1113	1116	1119	rVB2	1053054	941519	3.63%	0.245%
82	8.692	1119	1123	1128	rBV5	1027319	1279347	4.94%	0.333%
83	8.745	1128	1132	1134	rVB2	424897	418207	1.61%	0.109%
84	8.775	1134	1137	1140	rBV2	1501125	1221828	4.72%	0.318%
85	8.910	1153	1160	1162	rVB	4454345	4952973	19.12%	1.289%
86	9.004	1170	1176	1178	rVV2	2733223	3050486	11.78%	0.794%
87	9.128	1194	1197	1199	rVB2	350992	320004	1.24%	0.083%
88	9.251	1216	1218	1222	rVB	1376695	1189492	4.59%	0.310%
89	9.369	1234	1238	1241	rVB	331158	331692	1.28%	0.086%
90	9.451	1249	1252	1258	rVB2	357500	436343	1.68%	0.114%
91	9.516	1259	1263	1267	rVV	450367	628571	2.43%	0.164%
92	9.592	1269	1276	1279	rBV	666955	759176	2.93%	0.198%
93	9.622	1279	1281	1283	rVV	369651	311985	1.20%	0.081%
94	9.710	1292	1296	1301	rVB	289949	335651	1.30%	0.087%
95	9.933	1331	1334	1337	rVB	562307	421536	1.63%	0.110%
96	10.722	1462	1468	1471	rBV	710577	640654	2.47%	0.167%
97	11.421	1583	1587	1589	rBV	547605	454581	1.76%	0.118%
98	13.004	1852	1856	1860	rBV	1022831	960752	3.71%	0.250%
99	14.062	2030	2036	2039	rBV	336708	350549	1.35%	0.091%
100	15.557	2285	2290	2301	rVB	231920	350285	1.35%	0.091%

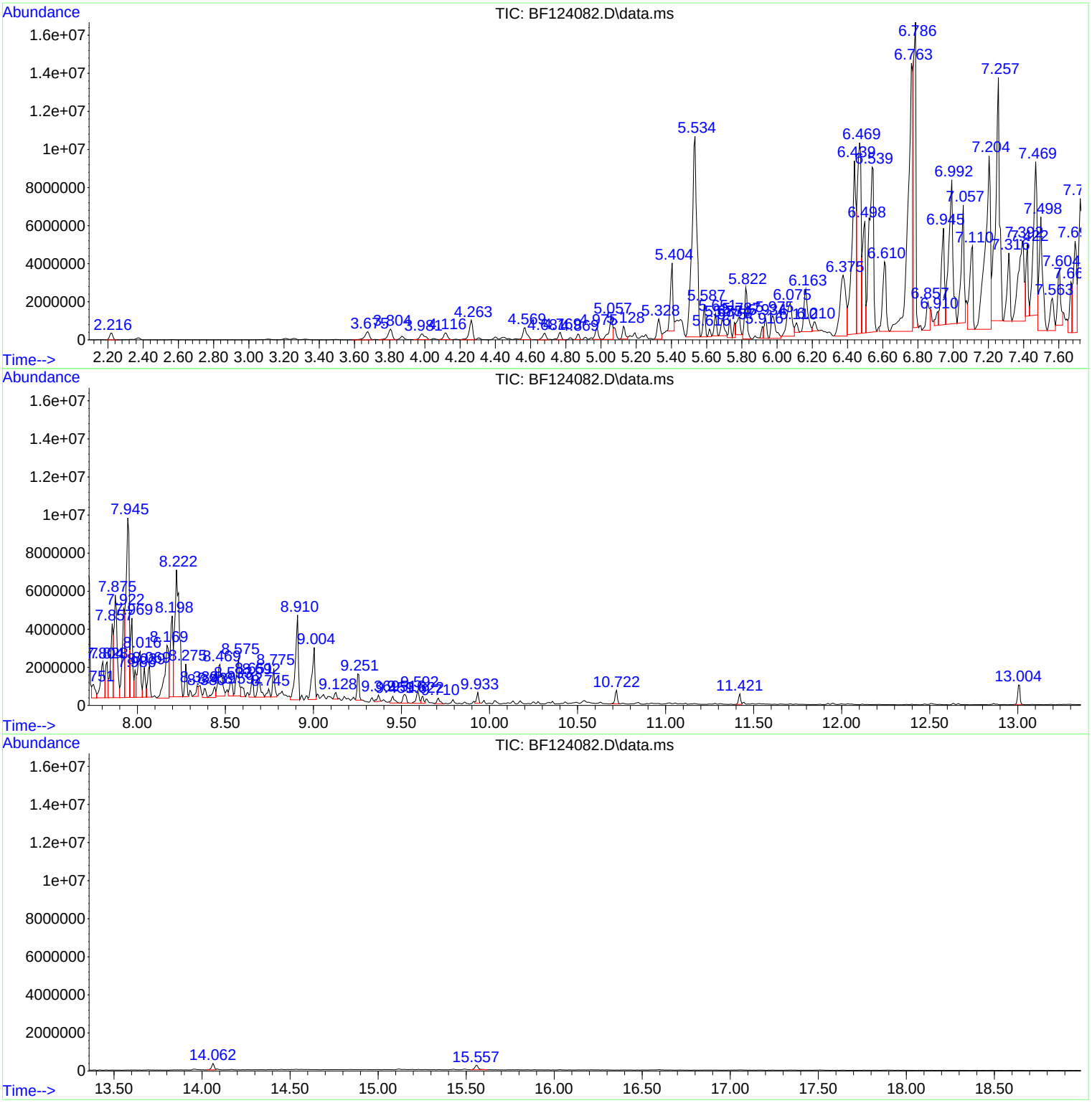
Sum of corrected areas: 384194301

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

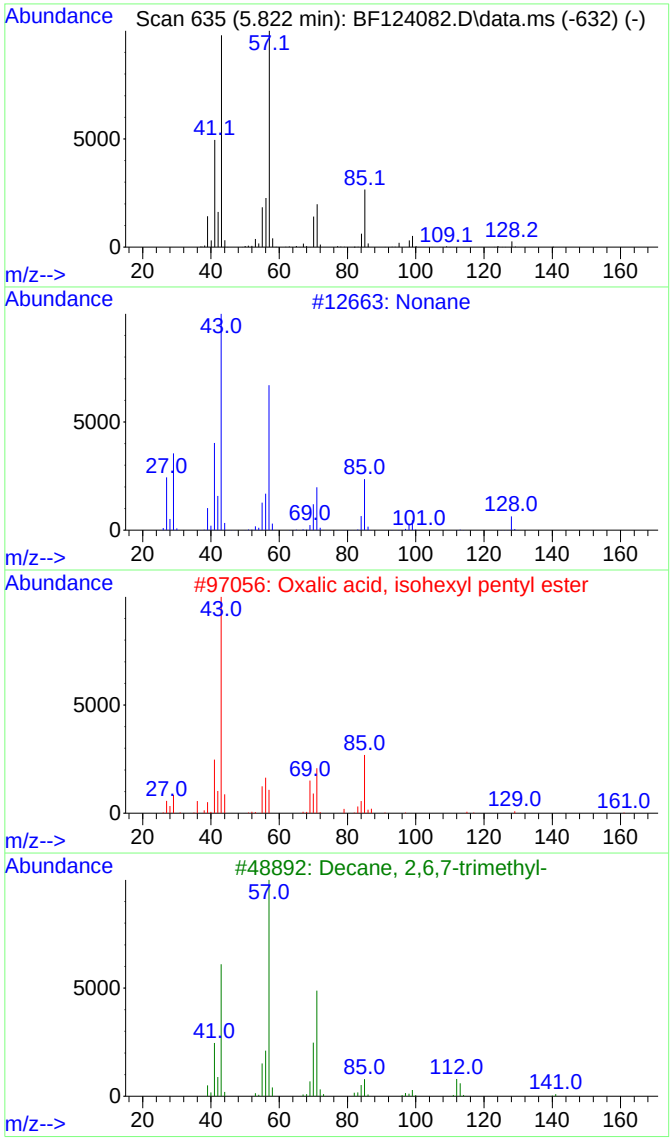
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

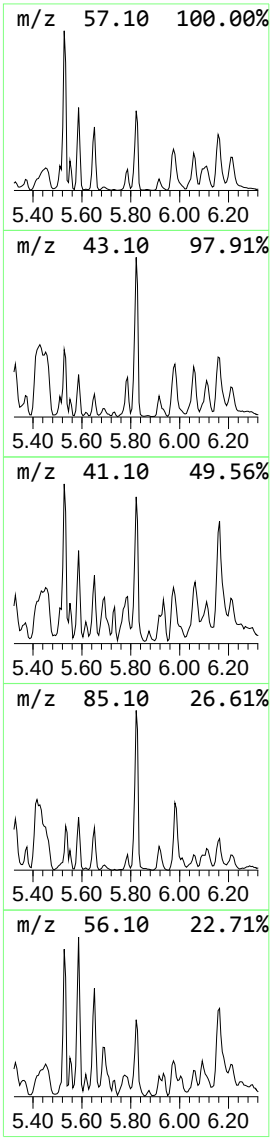
****

Peak Number 2 Nonane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.822	71.43 ng	2844460	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	78
2	Oxalic acid, isohexyl pentyl ester	244	C13H24O4	1000309-32-8	72
3	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
4	Octane	114	C8H18	000111-65-9	64
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

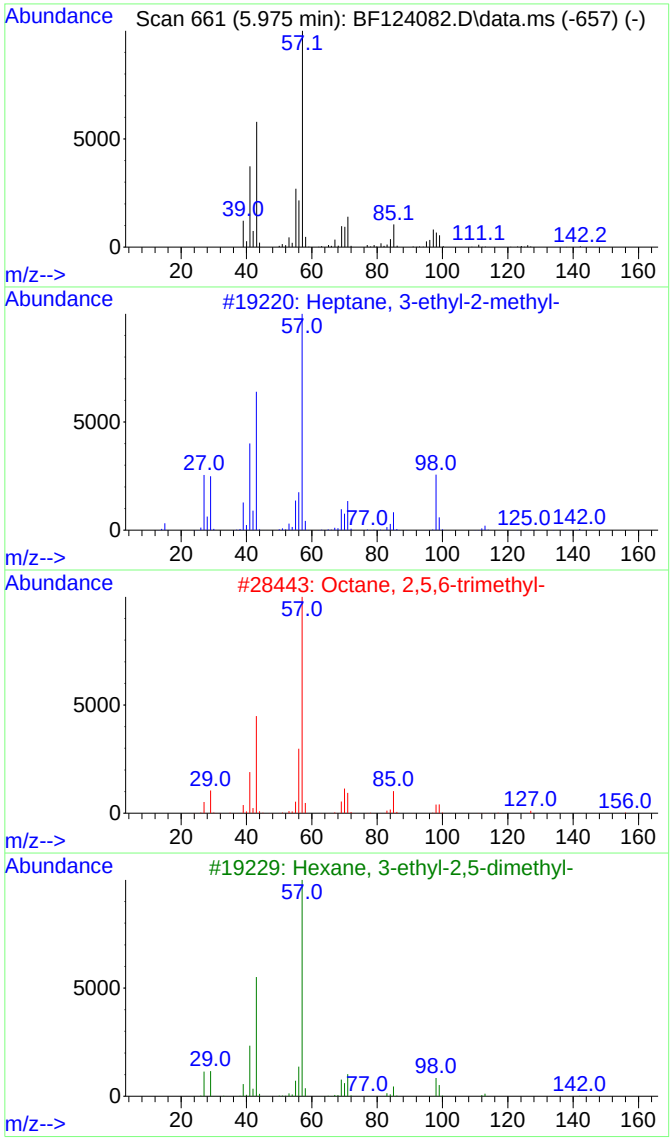
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

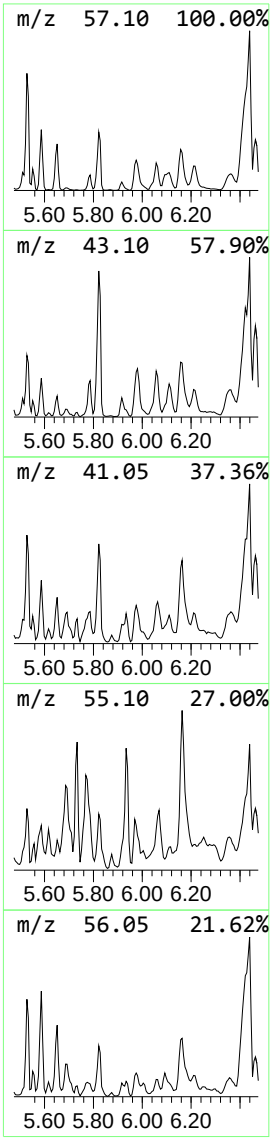
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.975	53.48 ng	2129730	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	74
2	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	64
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	59
4	Octane, 3-methyl-	128	C9H20	002216-33-3	59
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
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Instrument :
BNA_F
ClientSampleId :
GHOST-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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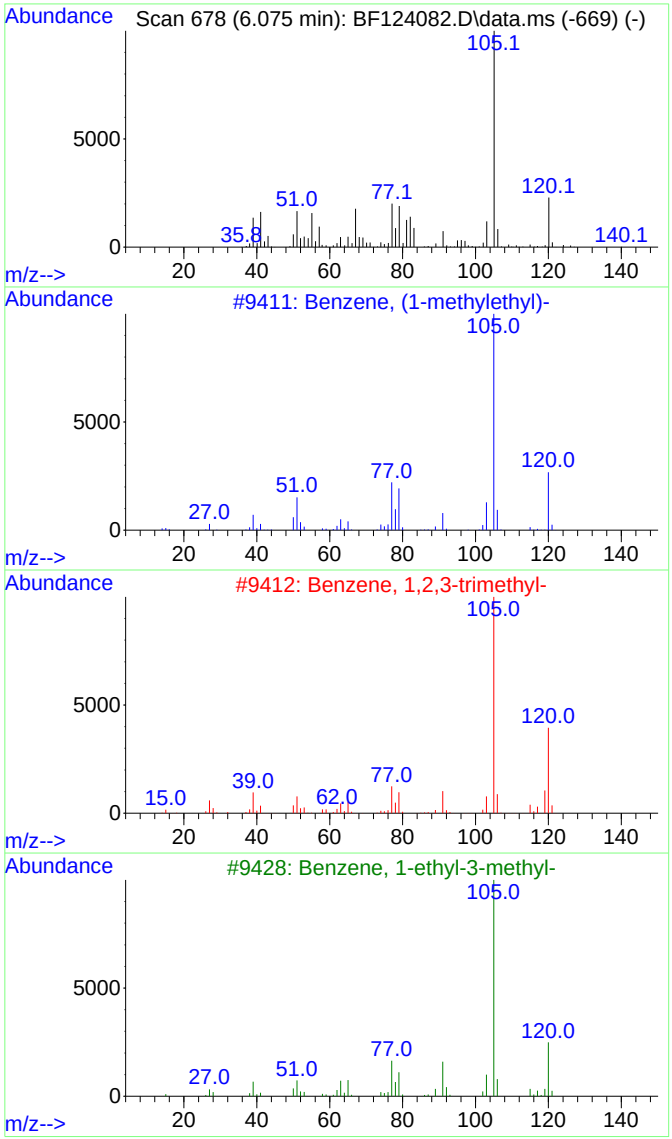
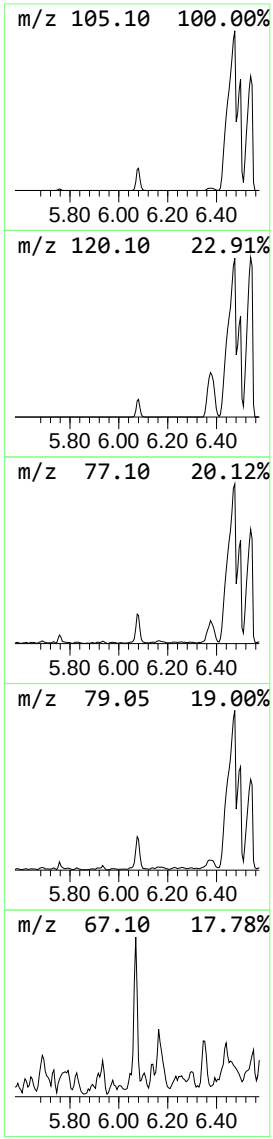
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.075	92.29 ng	3675070	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	92
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	58
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	52
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	52
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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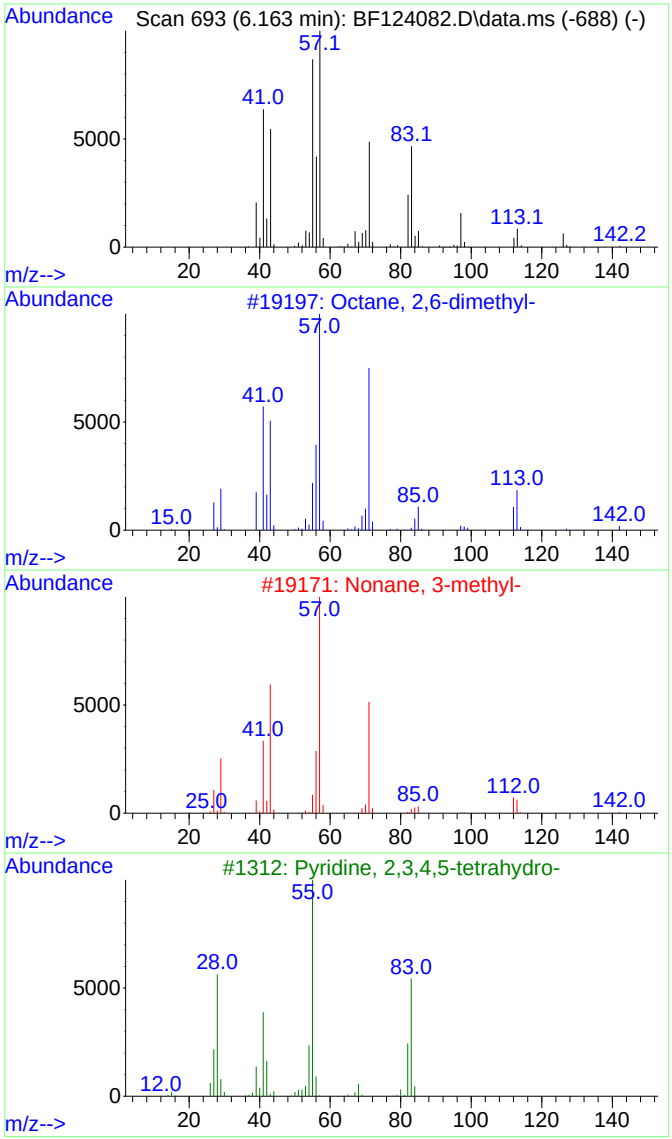
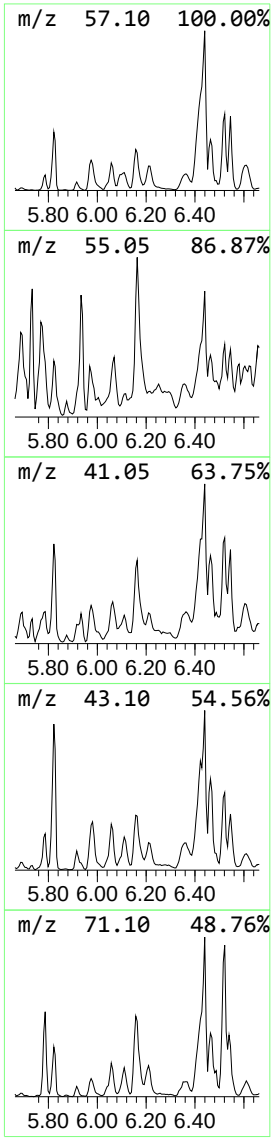
Peak Number 5 unknown6.163 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.163	85.31 ng	3397180	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	30
3	Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	27
4	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	27
5	Propanoic acid, 2,2-dimethyl-, c...	184	C11H20O2	029878-49-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

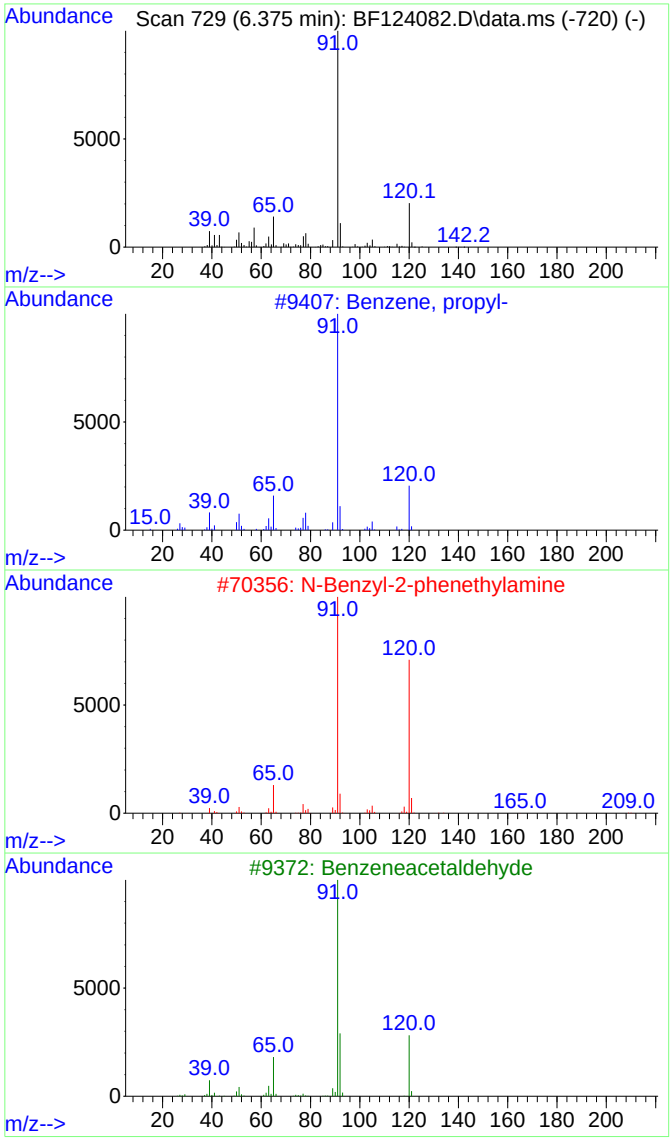
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

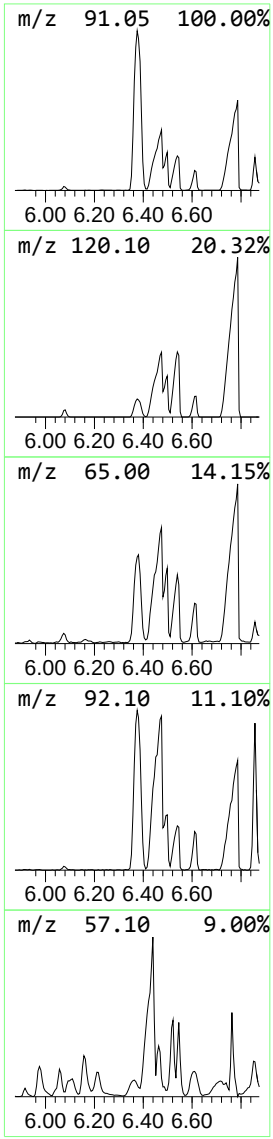
****

Peak Number 6 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.375	190.95 ng	7603530	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
4	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	50
5	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	47





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Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

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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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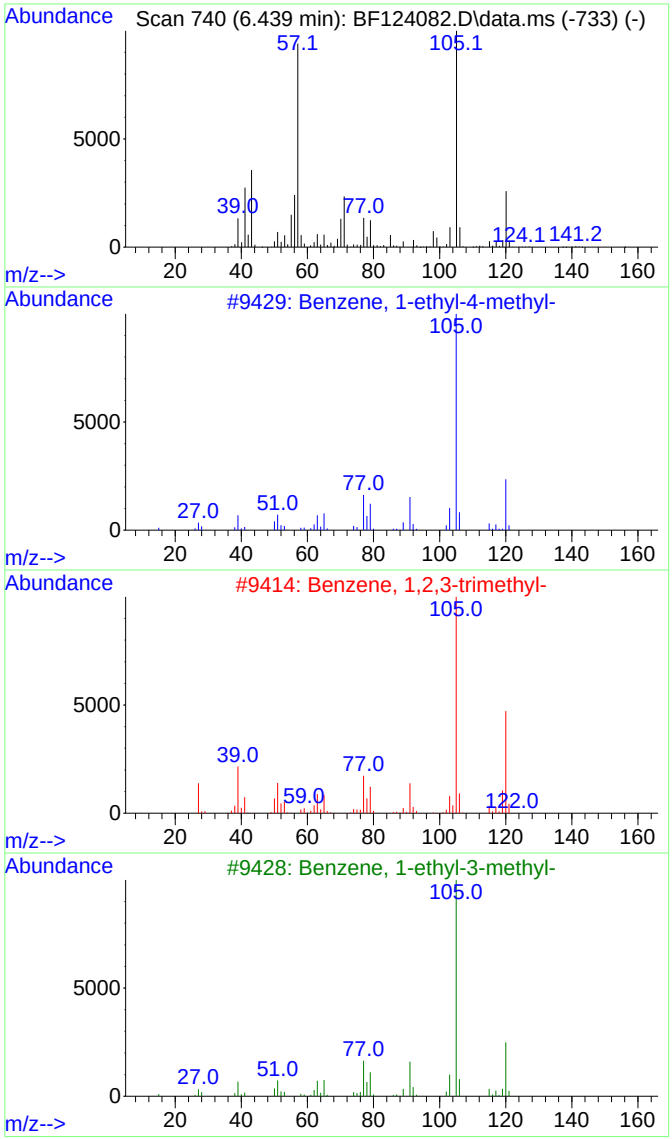
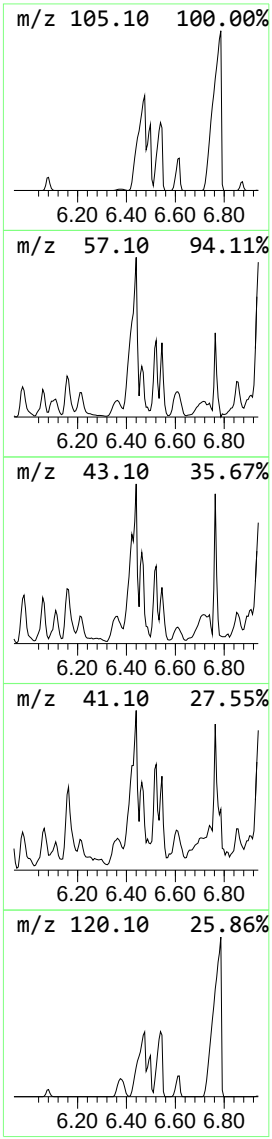
Peak Number 7 unknown6.439 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.439	398.44 ng	15865900	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	46
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	46
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	46
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	46
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	46





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Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

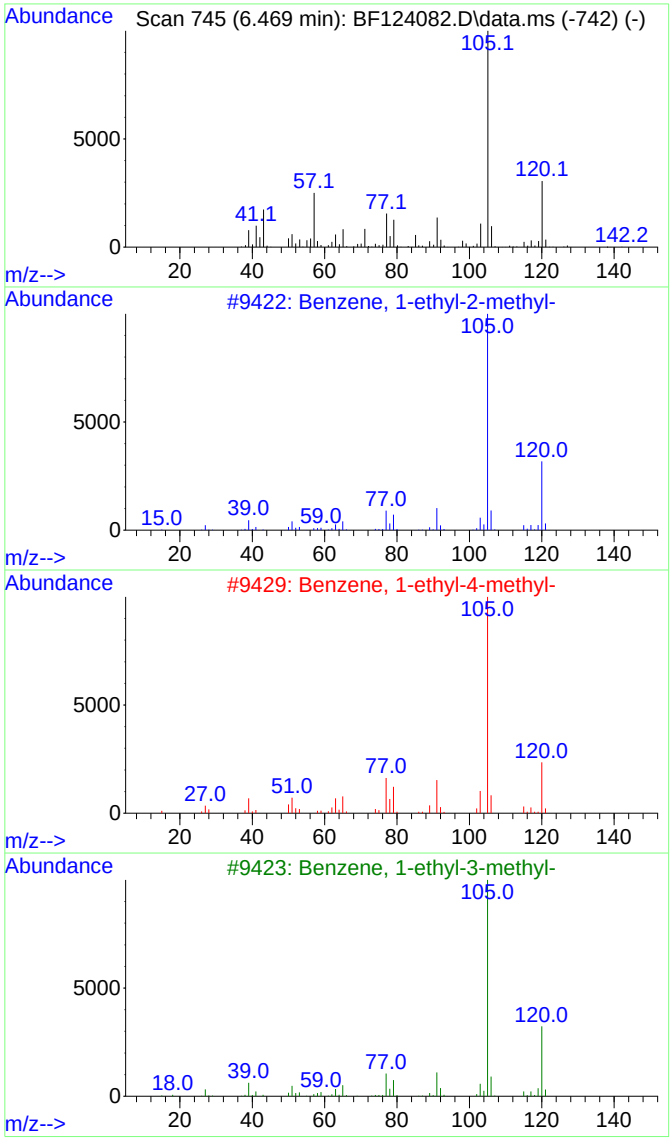
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

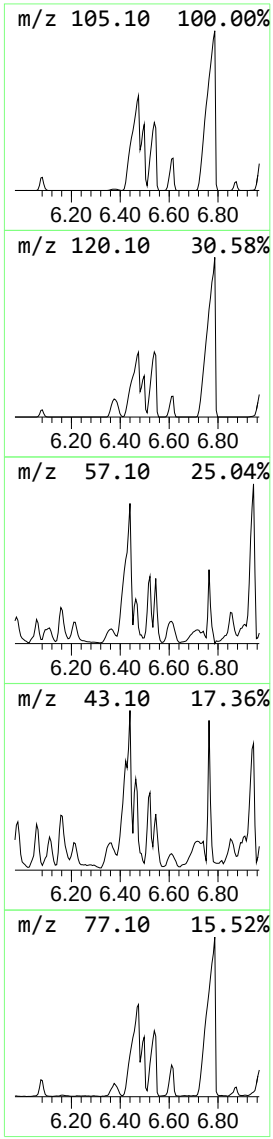
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.469	360.75 ng	14365000	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

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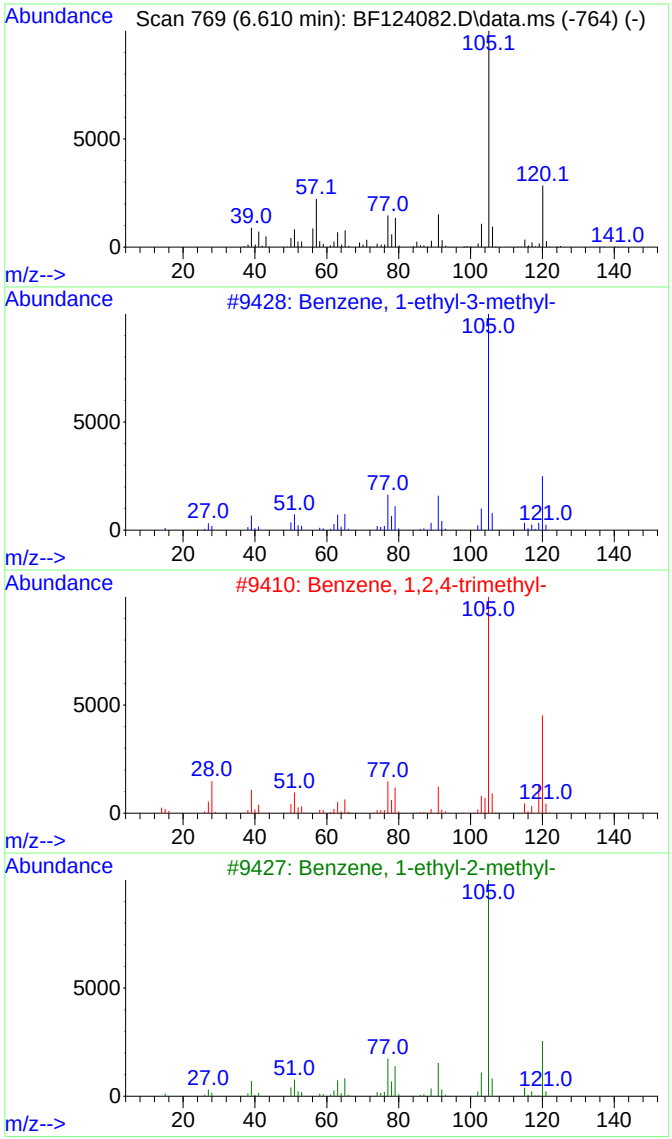
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

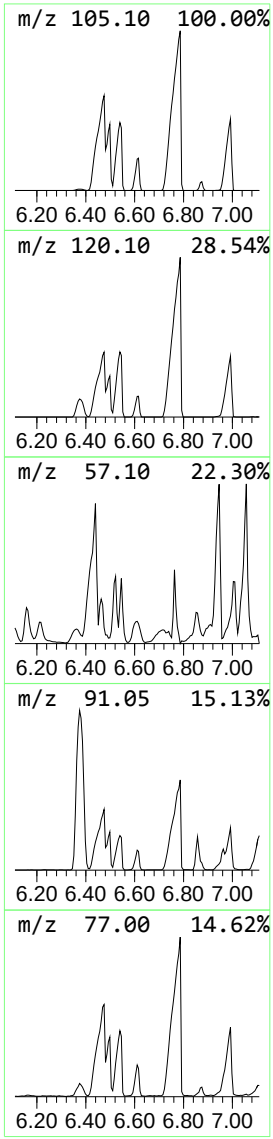
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.610	125.43 ng	4994420	1,4-Dichlorobenzene-d4	6.916

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





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Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

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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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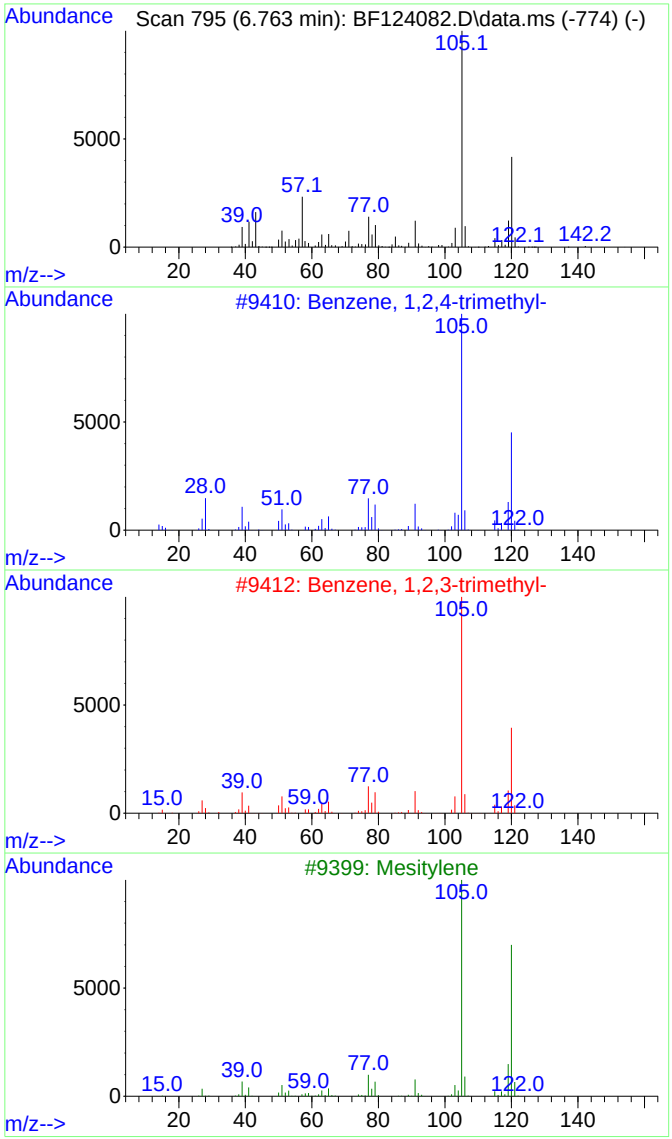
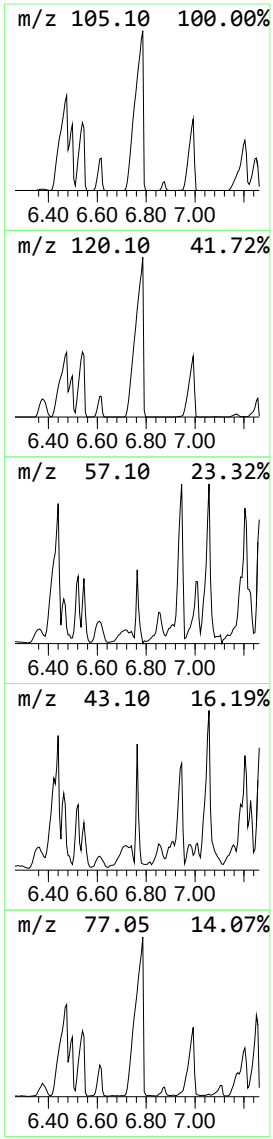
Peak Number 10 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.763	650.47 ng	25901500	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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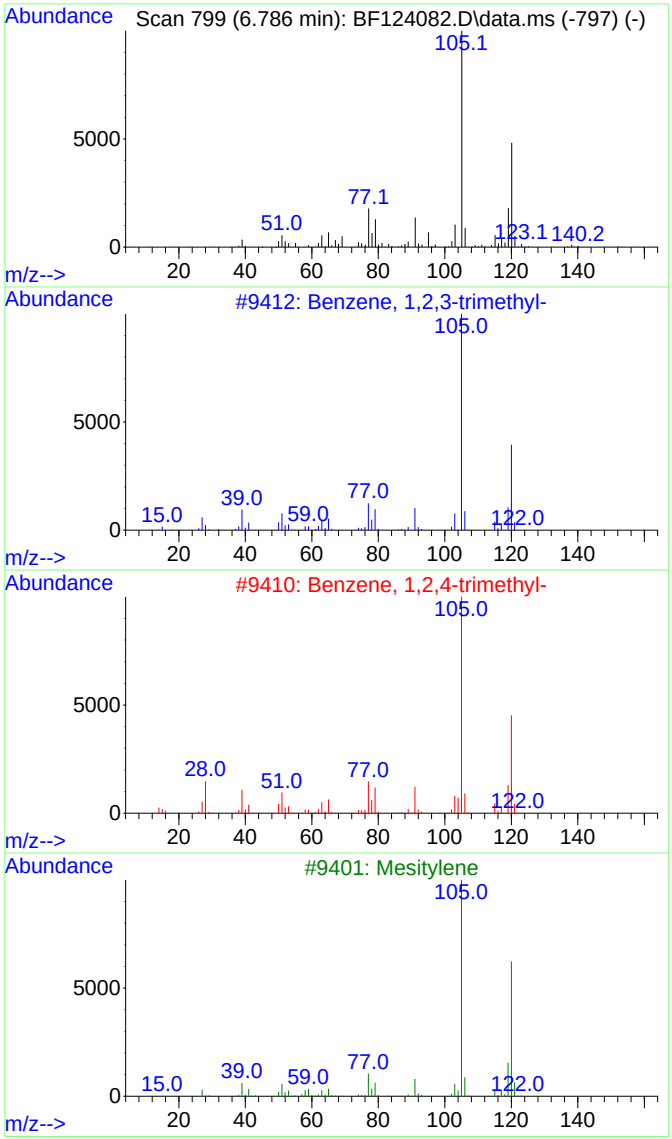
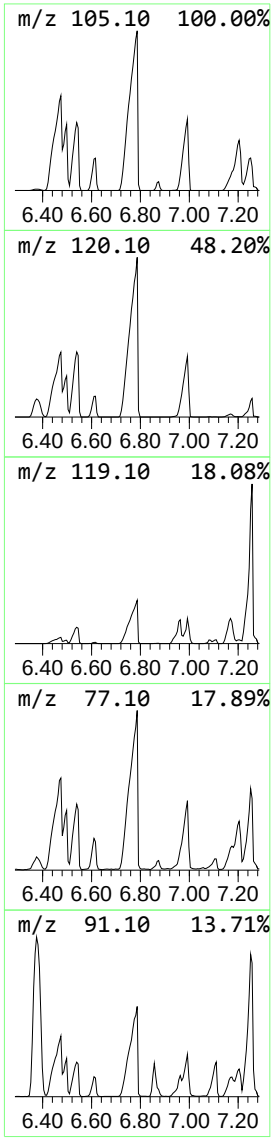
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.786	281.70 ng	11217300	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GHOST-3D

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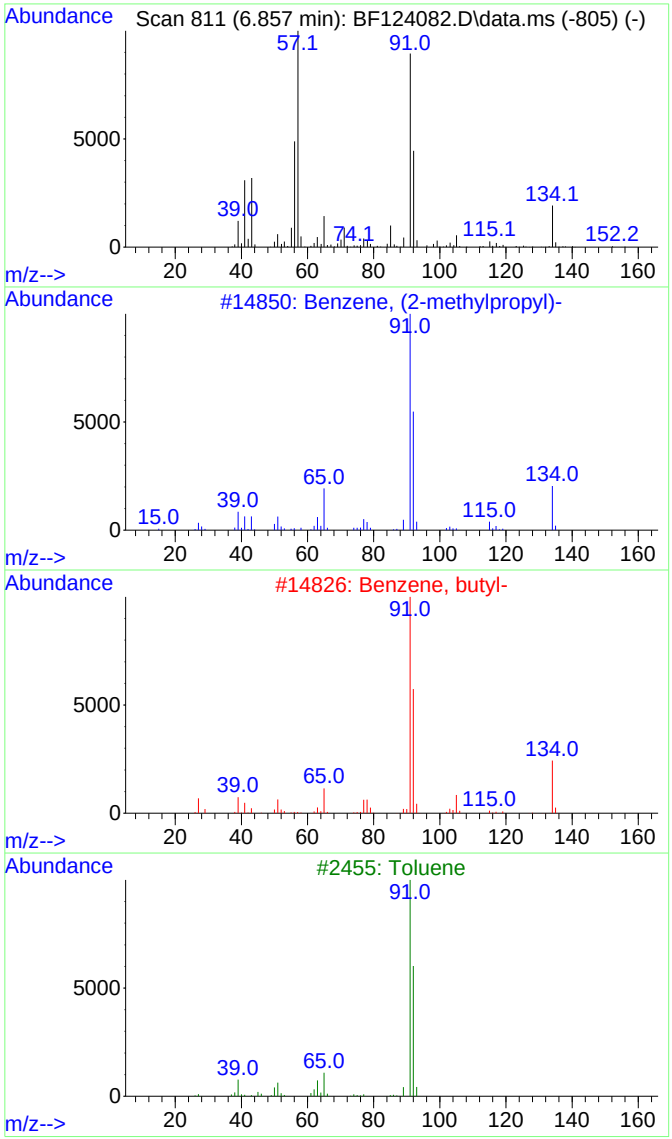
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

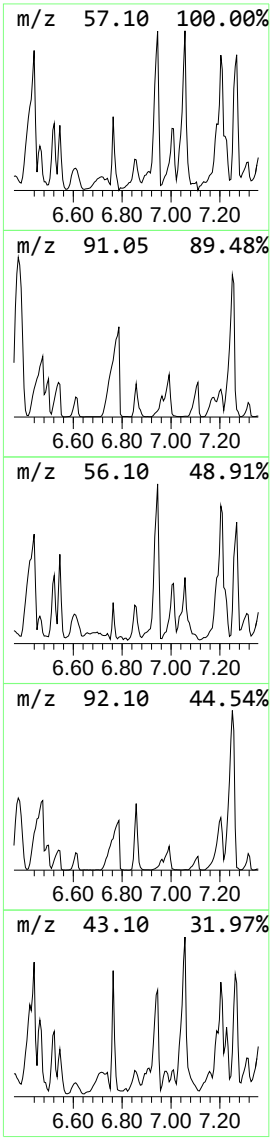
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (2-methylpropyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.857	53.76 ng	2140830	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	91
2	Benzene, butyl-	134	C10H14	000104-51-8	45
3	Toluene	92	C7H8	000108-88-3	42
4	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	38
5	2,2,7,7-Tetramethyloctane	170	C12H26	001071-31-4	35





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Sample : M2535-03
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\NIST11.L
TIC Integration Parameters: LSCINT.P

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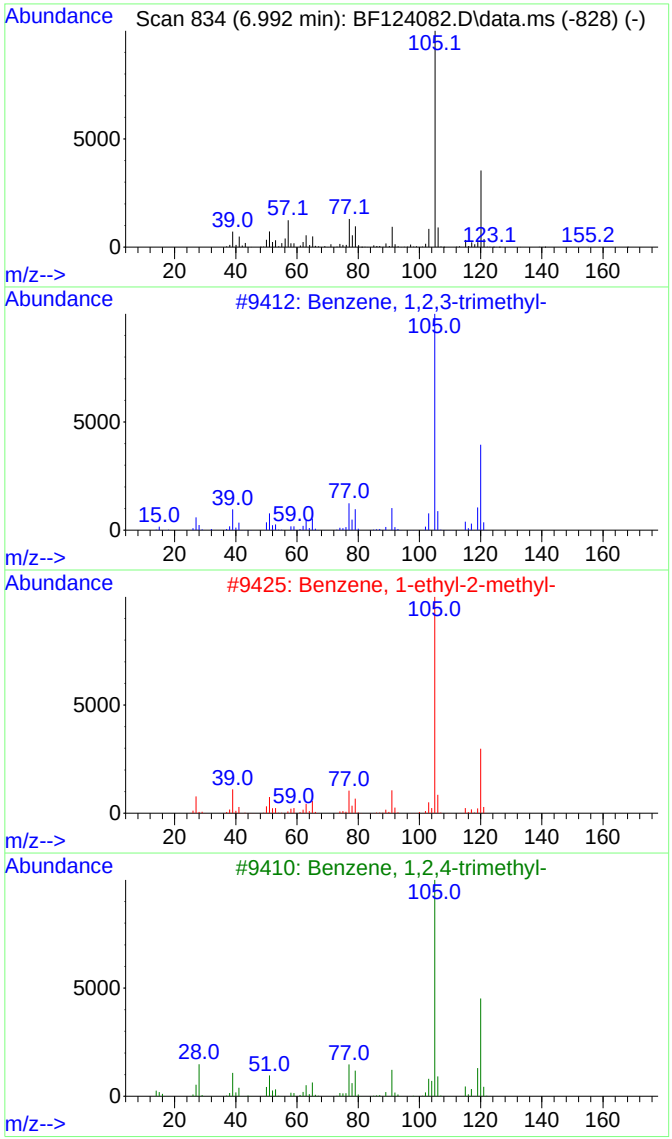
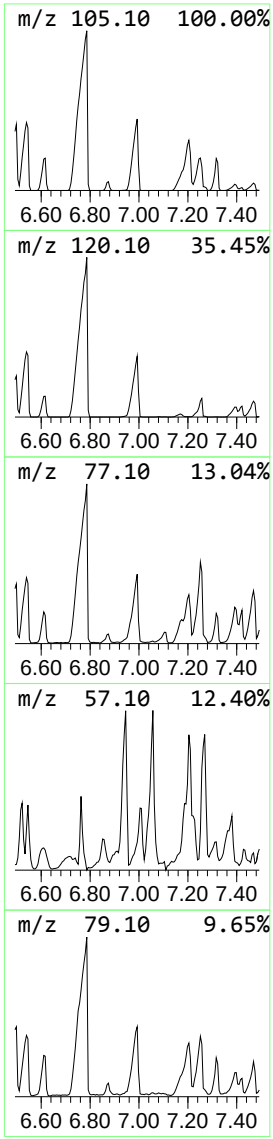
Peak Number 13 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.992	308.37 ng	12279000	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Sample : M2535-03
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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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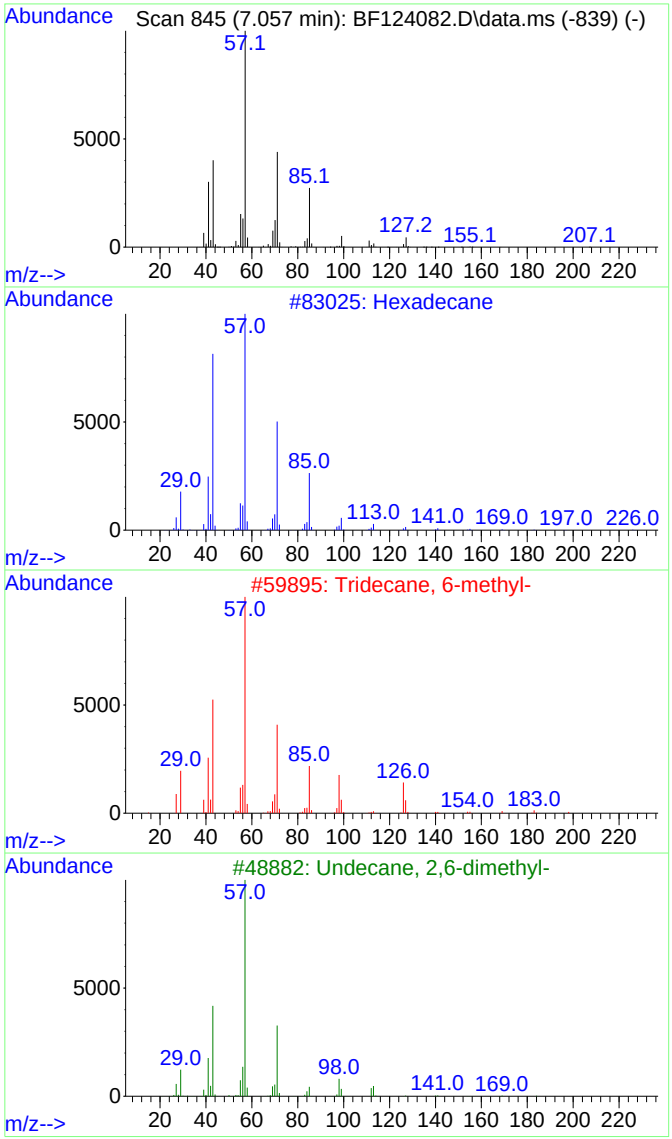
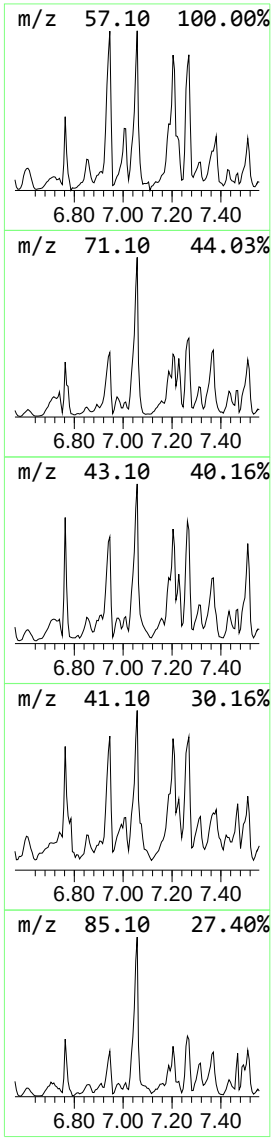
Peak Number 14 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	184.87 ng	7361360	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
4	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	50
5	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	50





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Sample : M2535-03
Misc :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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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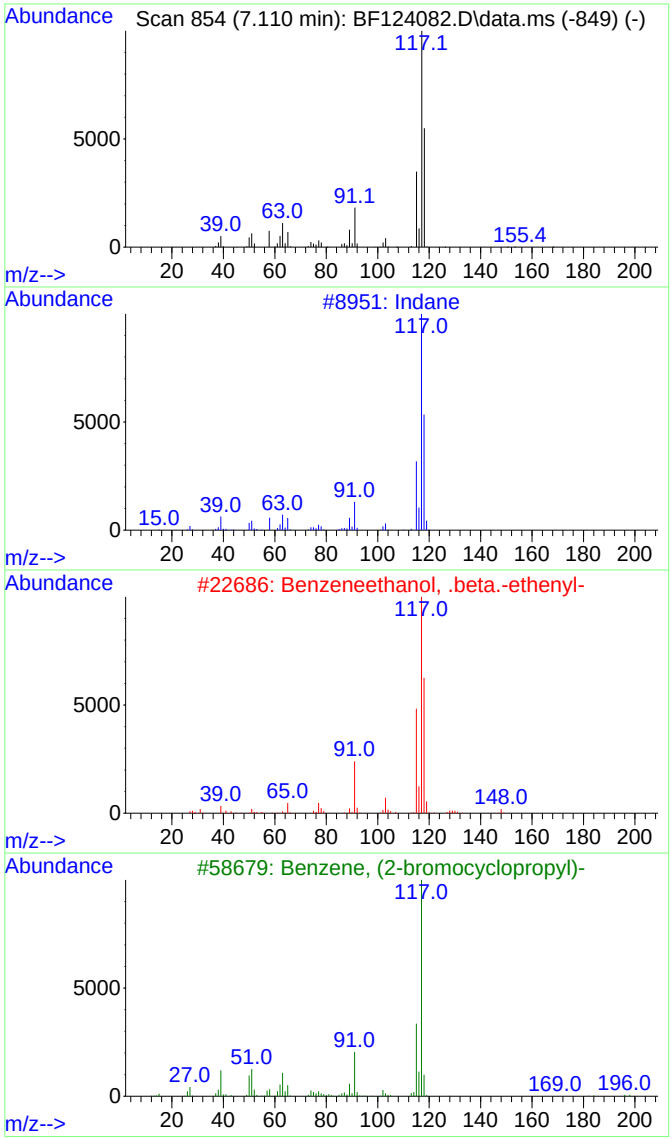
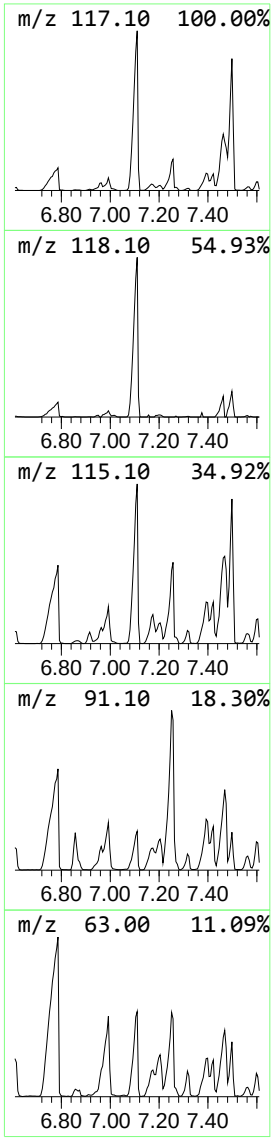
Peak Number 15 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	143.97 ng	5732640	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	59
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53





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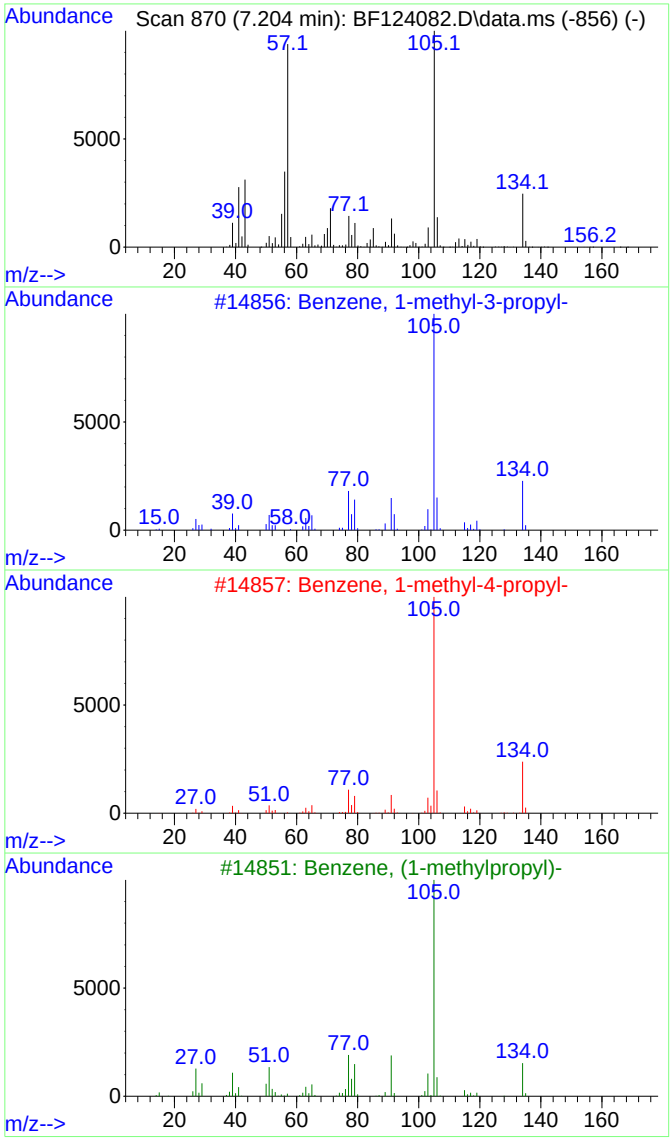
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

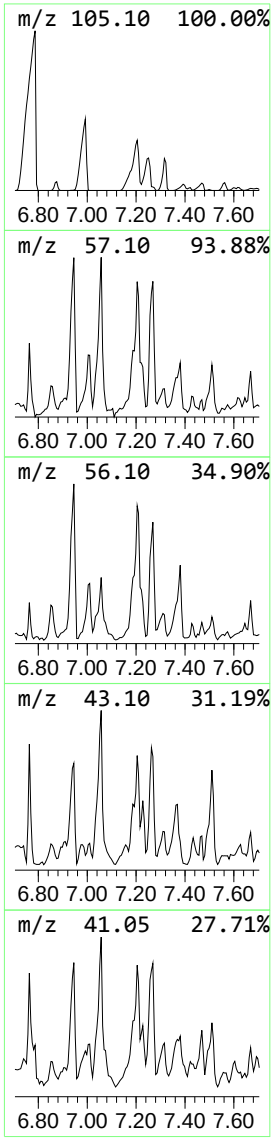
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1-methyl-3-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.204	476.77 ng	18984900	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	92
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	60
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	60
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	53
5	2-Tolyloxirane	134	C9H10O	002783-26-8	49





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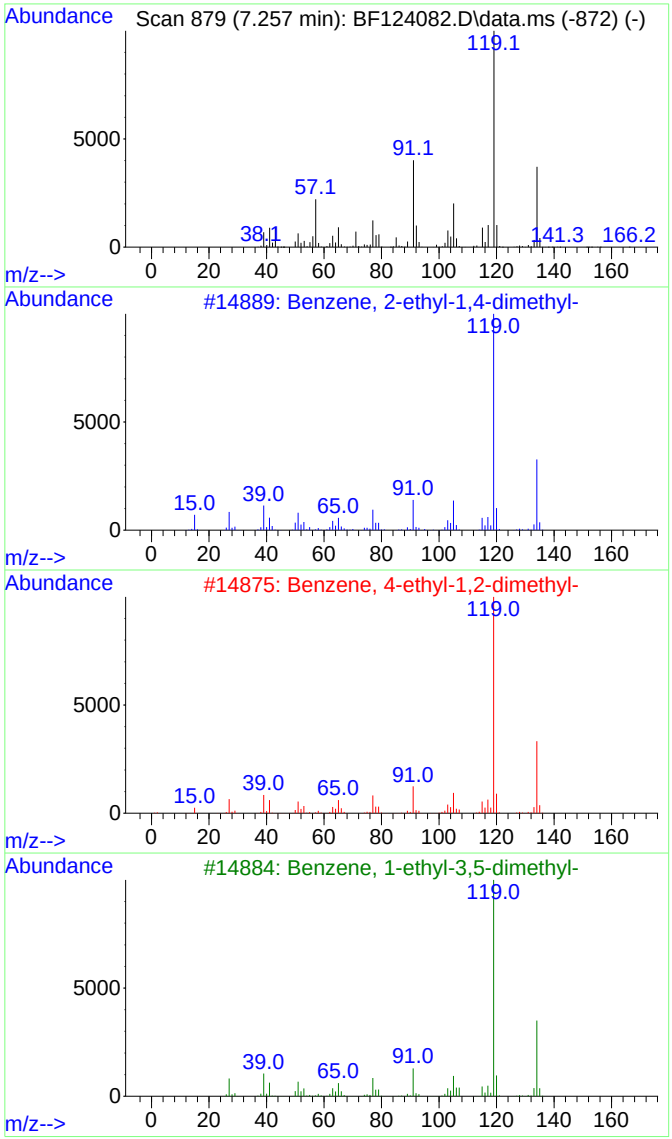
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

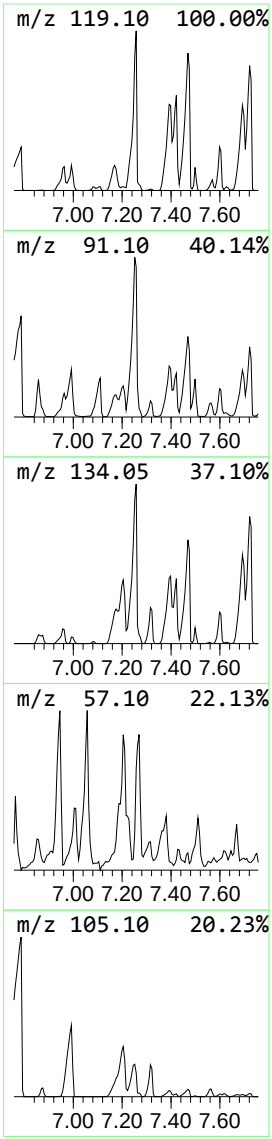
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	508.59 ng	20251800	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

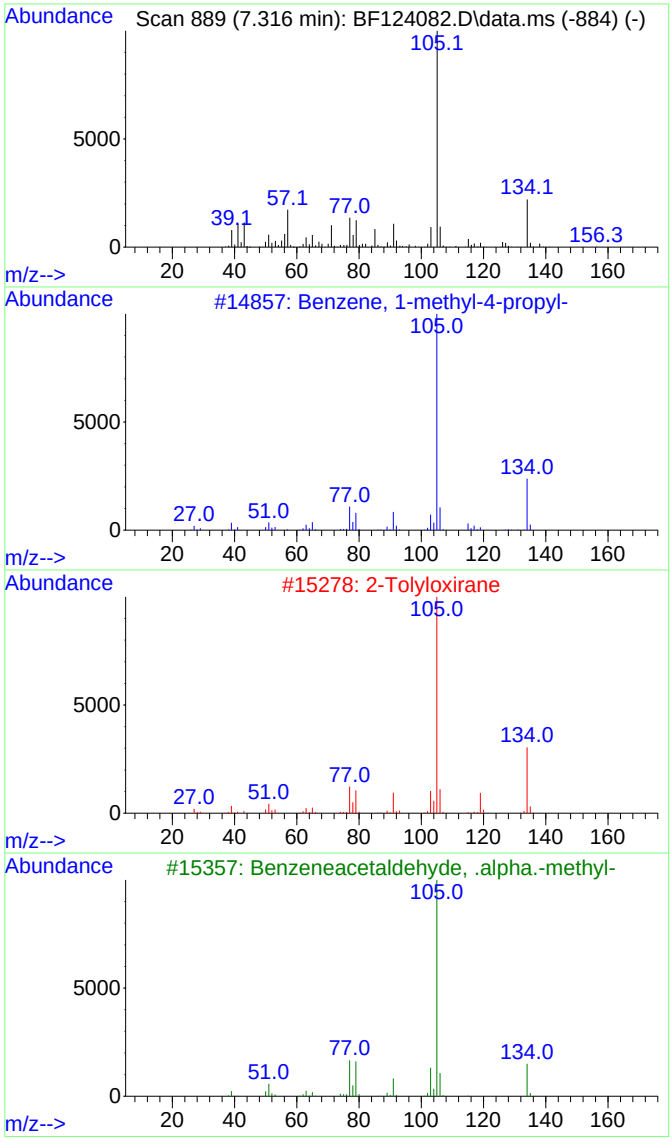
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

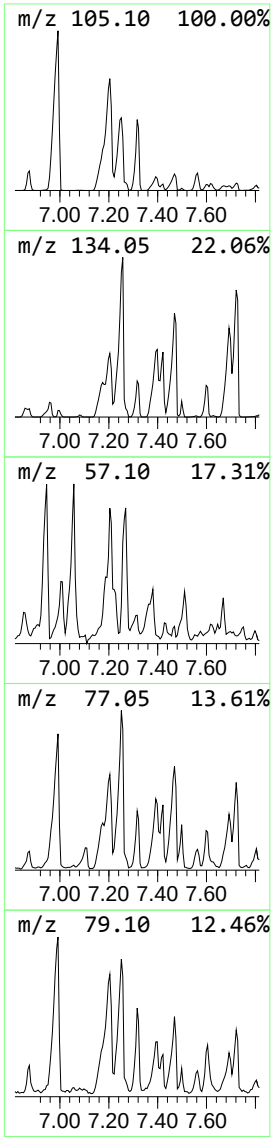
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-methyl-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.316	100.36 ng	3996080	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	2-Tolyloxirane	134	C9H10O	002783-26-8	76
3	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	76
4	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	64
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

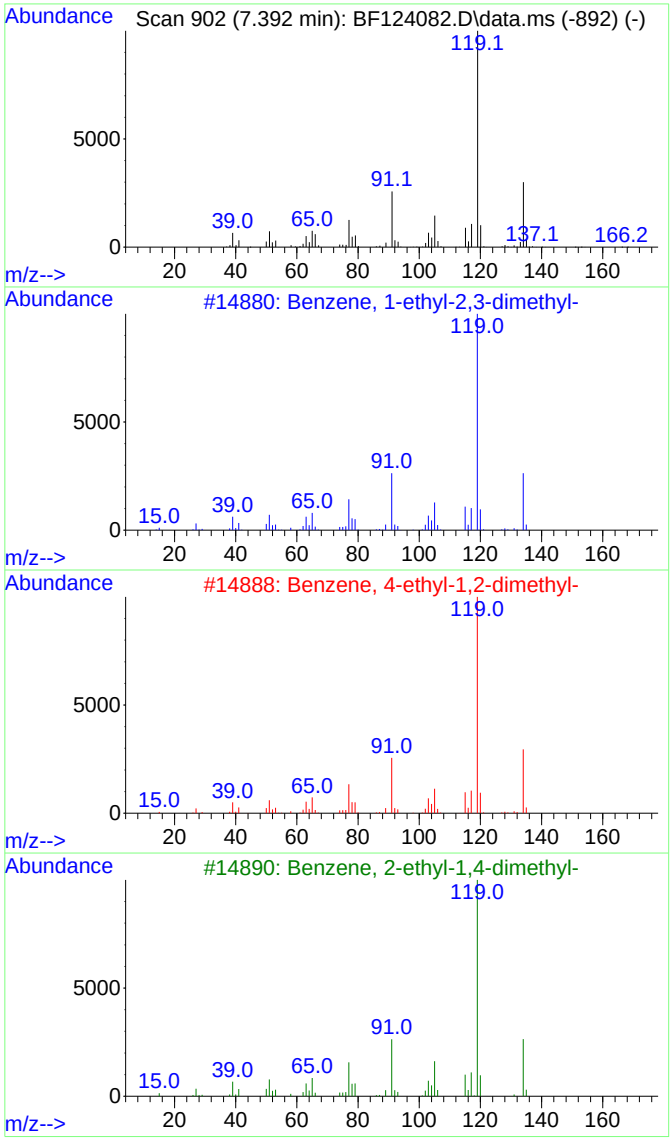
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

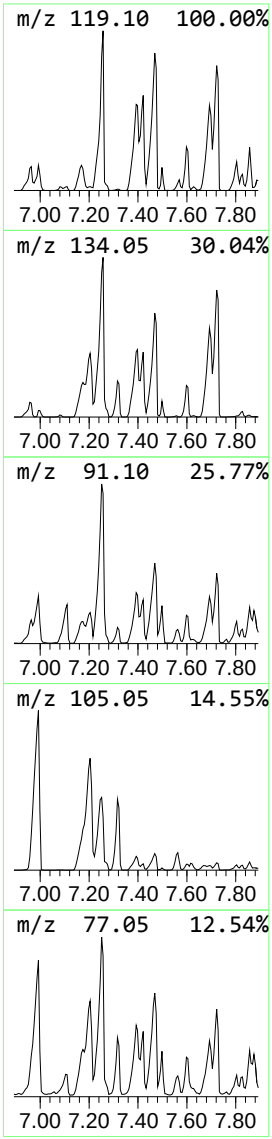
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.392	257.07 ng	10236400	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHOST-3D

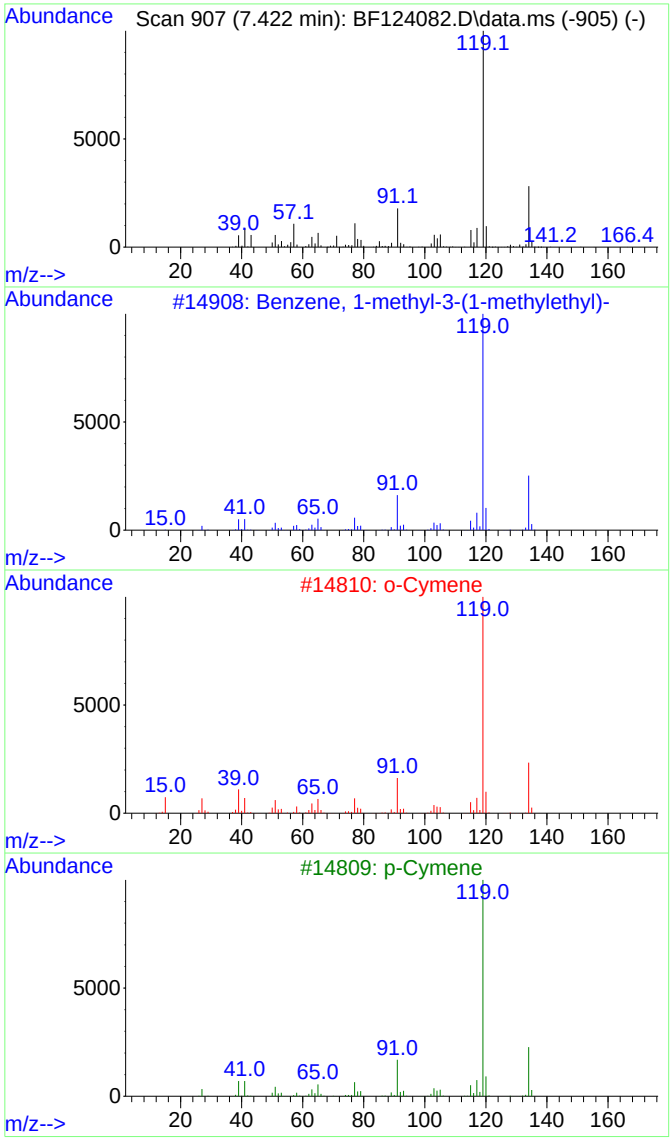
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

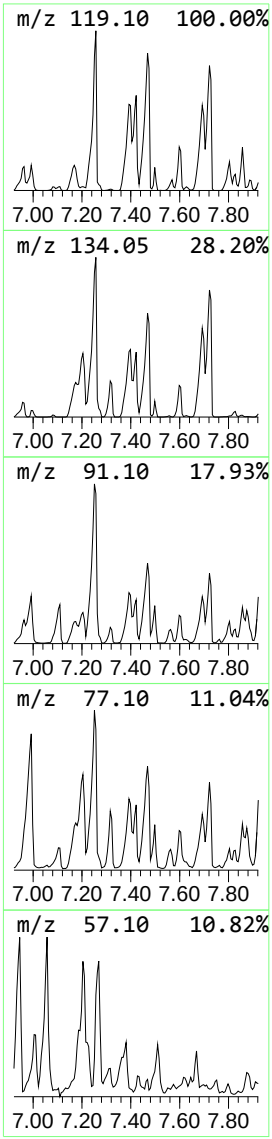
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.422	73.04 ng	2908370	1,4-Dichlorobenzene-d4	6.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124082.D
Acq On : 27 May 2021 1:02
Operator : JU/CG
Sample : M2535-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GHOST-3D

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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
Nonane	5.822	71.4	ng	2844460	1	6.916	796392	20.0
Heptane, 3-ethy...	5.975	53.5	ng	2129730	1	6.916	796392	20.0
Benzene, (1-met...	6.075	92.3	ng	3675070	1	6.916	796392	20.0
unknown6.163	6.163	85.3	ng	3397180	1	6.916	796392	20.0
Benzene, propyl-	6.375	190.9	ng	7603530	1	6.916	796392	20.0
unknown6.439	6.439	398.4	ng	15865900	1	6.916	796392	20.0
Benzene, 1-ethy...	6.469	360.8	ng	14365000	1	6.916	796392	20.0
Benzene, 1-ethy...	6.610	125.4	ng	4994420	1	6.916	796392	20.0
Benzene, 1,2,4-...	6.763	650.5	ng	25901500	1	6.916	796392	20.0
Benzene, 1,2,3-...	6.786	281.7	ng	11217300	1	6.916	796392	20.0
Benzene, (2-met...	6.857	53.8	ng	2140830	1	6.916	796392	20.0
Benzene, 1-ethy...	6.992	308.4	ng	12279000	1	6.916	796392	20.0
Hexadecane	7.057	184.9	ng	7361360	1	6.916	796392	20.0
Indane	7.110	144.0	ng	5732640	1	6.916	796392	20.0
Benzene, 1-meth...	7.204	476.8	ng	18984900	1	6.916	796392	20.0
Benzene, 2-ethy...	7.257	508.6	ng	20251800	1	6.916	796392	20.0
Benzene, 1-meth...	7.316	100.4	ng	3996080	1	6.916	796392	20.0
Benzene, 1-ethy...	7.392	257.1	ng	10236400	1	6.916	796392	20.0
Benzene, 1-meth...	7.422	73.0	ng	2908370	1	6.916	796392	20.0