LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005187.D
Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005187.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.422	53	57	60	rBV	32822	44215	2.81%	0.228%
2	3.452	60	62	68	rVB2	39445	48709	3.10%	0.252%
3	3.687	97	102	111	rVB	122824	168050	10.70%	0.868%
4	3.781	112	118	123	rVV	152538	212701	13.54%	1.099%
5	3.828	123	126	133	rVB4	34989	57298	3.65%	0.296%
6	3.928	135	143	154	rBV	204348	294658	18.76%	1.523%
7	4.028	155	160	165	rVB	63527	79134	5.04%	0.409%
8	4.263	196	200	210	rVB	47862	72386	4.61%	0.374%
9	4.469	229	235	240	rVB2	17048	28416	1.81%	0.147%
10	4.657	260	267	274	rBV6	11577	25004	1.59%	0.129%
11	4.751	279	283	288	rBV	21865	31460	2.00%	0.163%
12	4.840	292	298	307	rVB3	35868	68020	4.33%	0.351%
13	5.163	348	353	355	rBV3	27051	36381	2.32%	0.188%
14	5.193	355	358	359	rVV2	28337	31431	2.00%	0.162%
15	5.228	359	364	369	rVB	244374	332463	21.17%	1.718%
16	5.298	369	376	381	rBV	443825	606014	38.58%	3.132%
17	5.357	381	386	396	rVB	716623	1396247	88.89%	7.215%
18	5.487	403	408	419	rBV2	16961	33001	2.10%	0.171%
19	5.722	440	448	455	rVB	428875	615747	39.20%	3.182%
20	5.975	484	491	499	rBV2	19222	33854	2.16%	0.175%
21	6.098	505	512	520	rVB5	11692	27310	1.74%	0.141%
22	6.193	520	528	535	rBV2	44720	80910	5.15%	0.418%
23	6.257	535	539	544	rBV3	13944	20198	1.29%	0.104%
24	6.340	549	553	563	rVB8	13241	29338	1.87%	0.152%
25	6.687	602	612	618	rBV2	179390	319823	20.36%	1.653%
26	6.751	618	623	625	rVV	24499	35115	2.24%	0.181%
27	6.793	625	630	635	rVV	505606	716979	45.64%	3.705%
28	6.851	635	640	642	rVV	265885	395824	25.20%	2.045%
29	6.881	642	645	649	rVV	386643	583304	37.13%	3.014%
30	6.928	649	653	664	rVB	307926	452227	28.79%	2.337%
31	7.034	664	671	675	rBV2	9502	18936	1.21%	0.098%
32	7.092	675	681	687	rVB	170280	261676	16.66%	1.352%
33	7.351	715	725	732	rBV	1040560	1570779	100.00%	8.117%
34	7.598	764	767	773	rVB	16255	27819	1.77%	0.144%
35	7.698	776	784	788	rBV2	91331	195236	12.43%	1.009%
36	7.734	788	790	798	rVB3	21650	31377	2.00%	0.162%

LSC Area Percent Report

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Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

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_P\Methods\8270E-BP032321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.810	798	803	811	rVB	246718	394970	25.14%	2.041%
38	7.922	818	822	830	rBV	46561	87822	5.59%	0.454%
39	7.987	830	833	841	rVB7	8980	17955	1.14%	0.093%
40	8.069	841	847	853	rBV	121191	183491	11.68%	0.948%
41	8.187	858	867	871	rBV	70756	112857	7.18%	0.583%
42	8.239	871	876	887	rVB2	167813	315338	20.08%	1.630%
43	8.334	887	892	905	rVB3	293654	541473	34.47%	2.798%
44	8.463	905	914	915	rBV4	16739	28611	1.82%	0.148%
45	8.498	915	920	927	rVB	56886	90105	5.74%	0.466%
46	8.569	927	932	936	rBV	17837	29287	1.86%	0.151%
47	8.645	940	945	950	rVV	113384	172351	10.97%	0.891%
48	8.698	950	954	962	rVV	105522	166636	10.61%	0.861%
49	8.798	965	971	976	rVV	235141	356100	22.67%	1.840%
50	8.863	976	982	989	rVV2	250676	489134	31.14%	2.528%
51	8.922	989	992	1001	rVB	36722	54658	3.48%	0.282%
52	9.045	1006	1013	1020	rVB4	25821	54076	3.44%	0.279%
53	9.128	1021	1027	1033	rBV	47588	83411	5.31%	0.431%
54	9.186	1033	1037	1045	rVB6	10510	24905	1.59%	0.129%
55	9.269	1045	1051	1055	rBV6	12032	23233	1.48%	0.120%
56	9.322	1055	1060	1065	rVV	122056	189326	12.05%	0.978%
57	9.381	1065	1070	1076	rVB	171672	262561	16.72%	1.357%
58	9.575	1094	1103	1108	rBV3	36604	78305	4.99%	0.405%
59	9.628	1108	1112	1116	rVB2	28234	40561	2.58%	0.210%
60	9.698	1116	1124	1127	rBV3	47630	92580	5.89%	0.478%
61	9.739	1127	1131	1135	rBV	73523	106724	6.79%	0.551%
62	9.845	1143	1149	1152	rBV2	39380	70174	4.47%	0.363%
63	9.886	1152	1156	1164	rVV3	167930	330151	21.02%	1.706%
64	9.957	1164	1168	1174	rVV3	55705	102512	6.53%	0.530%
65	10.045	1174	1183	1185	rVV3	23296	54988	3.50%	0.284%
66	10.075	1185	1188	1193	rVV2	32930	51908	3.30%	0.268%
67	10.122	1193	1196	1200	rVV3	12394	19986	1.27%	0.103%
68	10.192	1200	1208	1217	rVB	40427	71096	4.53%	0.367%
69	10.486	1247	1258	1262	rBV2	121004	309176	19.68%	1.598%
70	10.539	1262	1267	1274	rVV2	201208	357657	22.77%	1.848%
71	10.604	1274	1278	1283	rVV	27028	41445	2.64%	0.214%
72	10.704	1291	1295	1303	rVB	26036	40076	2.55%	0.207%
73	11.145	1367	1370	1375	rVV	25560	40069	2.55%	0.207%
74	11.210	1375	1381	1385	rVB6	13426	29794	1.90%	0.154%
75	11.333	1395	1402	1408	rVB8	13472	28016	1.78%	0.145%
76	11.404	1408	1414	1421	rBV2	42962	77860	4.96%	0.402%

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Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

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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77	11.522	1429	1434	1441	rBV7	10680	25246	1.61%	0.130%
78	11.598	1441	1447	1453	rVB	24061	39351	2.51%	0.203%
79	11.822	1481	1485	1490	rVB2	13284	21699	1.38%	0.112%
80	11.880	1490	1495	1498	rBV	16721	27093	1.72%	0.140%
81	11.922	1498	1502	1507	rVB2	24755	36780	2.34%	0.190%
82	12.157	1536	1542	1549	rVB	189471	309116	19.68%	1.597%
83	12.380	1572	1580	1591	rVB	99012	169783	10.81%	0.877%
84	12.969	1671	1680	1688	rBV	494529	728499	46.38%	3.764%
85	13.380	1744	1750	1758	rVB3	9556	21317	1.36%	0.110%
86	13.510	1766	1772	1774	rBV2	18284	27079	1.72%	0.140%
87	13.674	1794	1800	1805	rBV2	26269	47485	3.02%	0.245%
88	13.727	1805	1809	1813	rVV	15625	19579	1.25%	0.101%
89	13.816	1820	1824	1833	rVB2	15410	29302	1.87%	0.151%
90	14.357	1906	1916	1924	rBV	162867	255999	16.30%	1.323%
91	15.857	2164	2171	2178	rBV	395868	562309	35.80%	2.906%
92	17.115	2380	2385	2390	rBV	198106	284473	18.11%	1.470%
93	18.015	2533	2538	2545	rBV	90128	130875	8.33%	0.676%
94	19.133	2724	2728	2735	rVB4	15712	30136	1.92%	0.156%
95	19.257	2746	2749	2754	rBV3	24261	32243	2.05%	0.167%
96	19.545	2795	2798	2804	rVB2	33115	44377	2.83%	0.229%
97	19.692	2818	2823	2833	rVB	866561	1021950	65.06%	5.281%
98	20.927	3030	3033	3043	rVB3	137731	200464	12.76%	1.036%
99	21.215	3078	3082	3087	rBV	283072	341365	21.73%	1.764%
100	23.503	3466	3471	3477	rVB	191097	341881	21.77%	1.767%

Sum of corrected areas: 19351819

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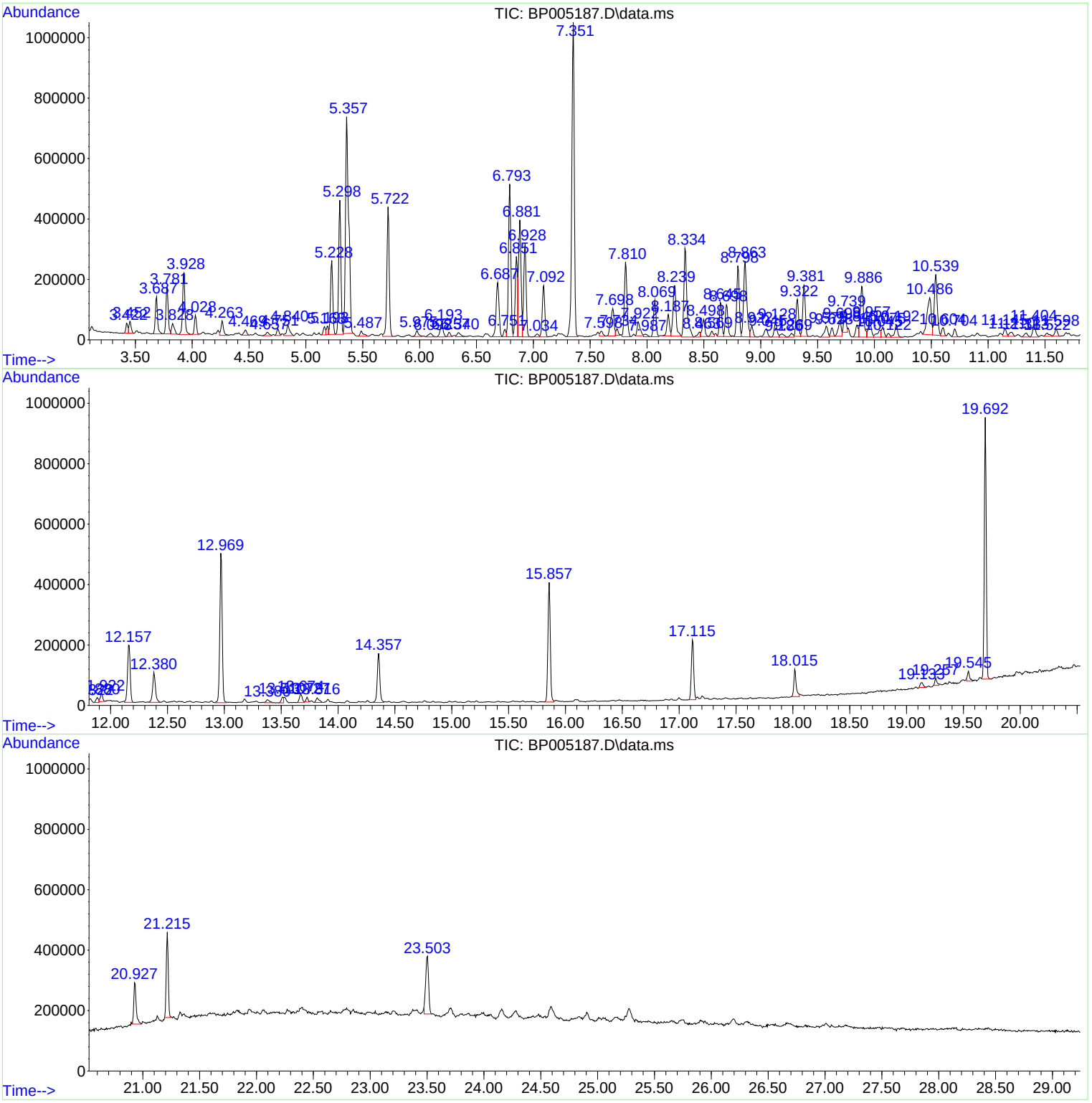
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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_P\Data\BP040521\
Data File : BP005187.D
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Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

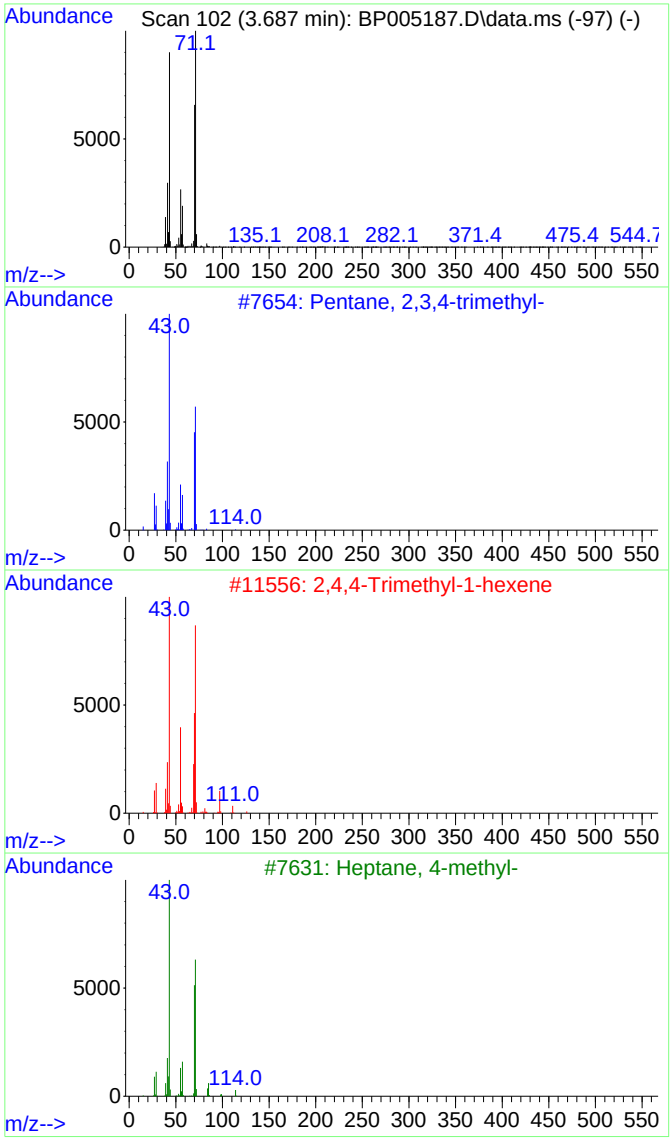
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

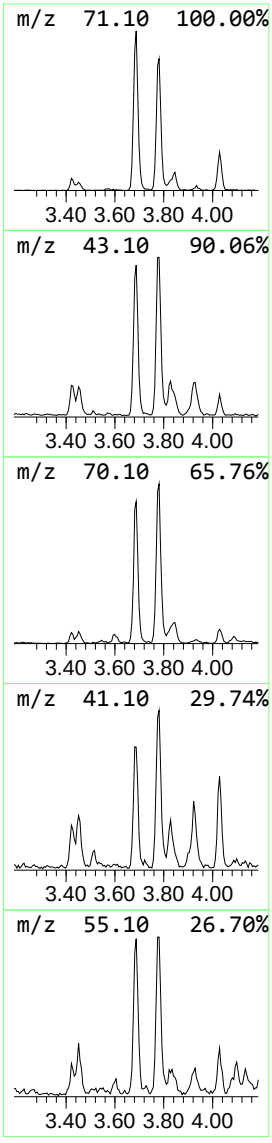
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentane, 2,3,4-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	17.22 ng	168050	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	83
2	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	78
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	74
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005187.D
Acq On : 05 Apr 2021 19:55
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Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-10-12

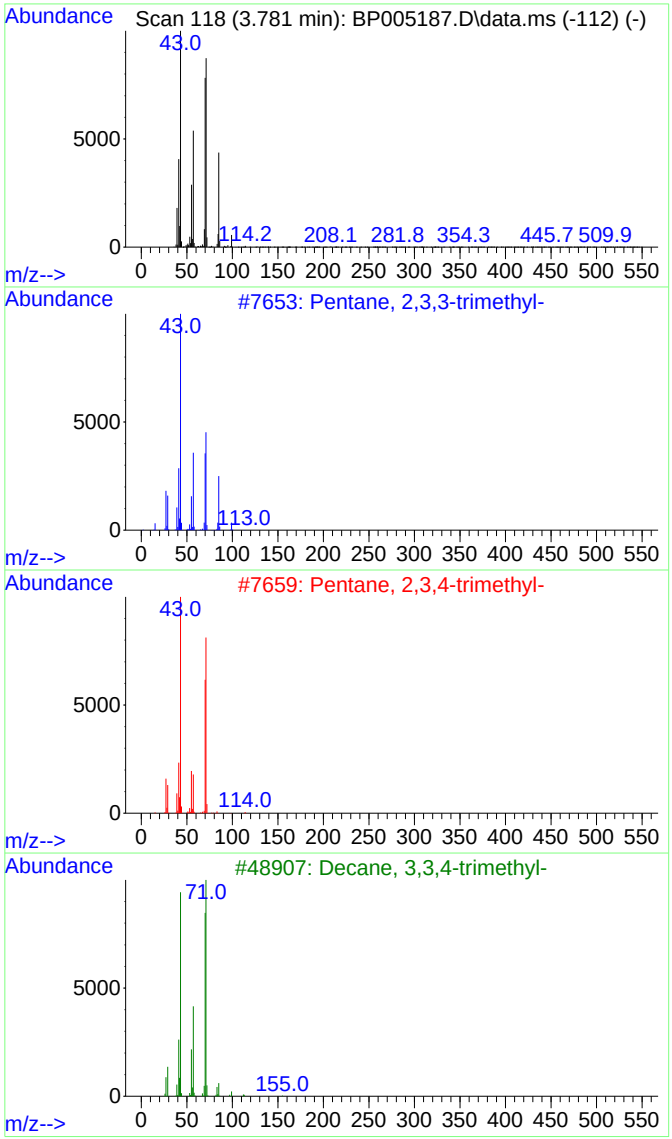
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

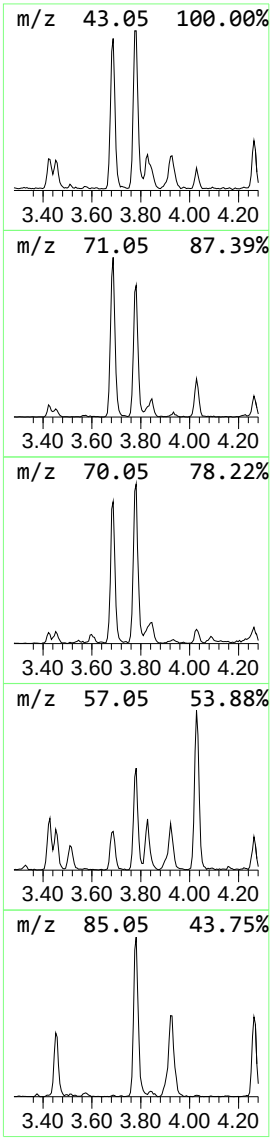
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	21.79 ng	212701	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	53





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

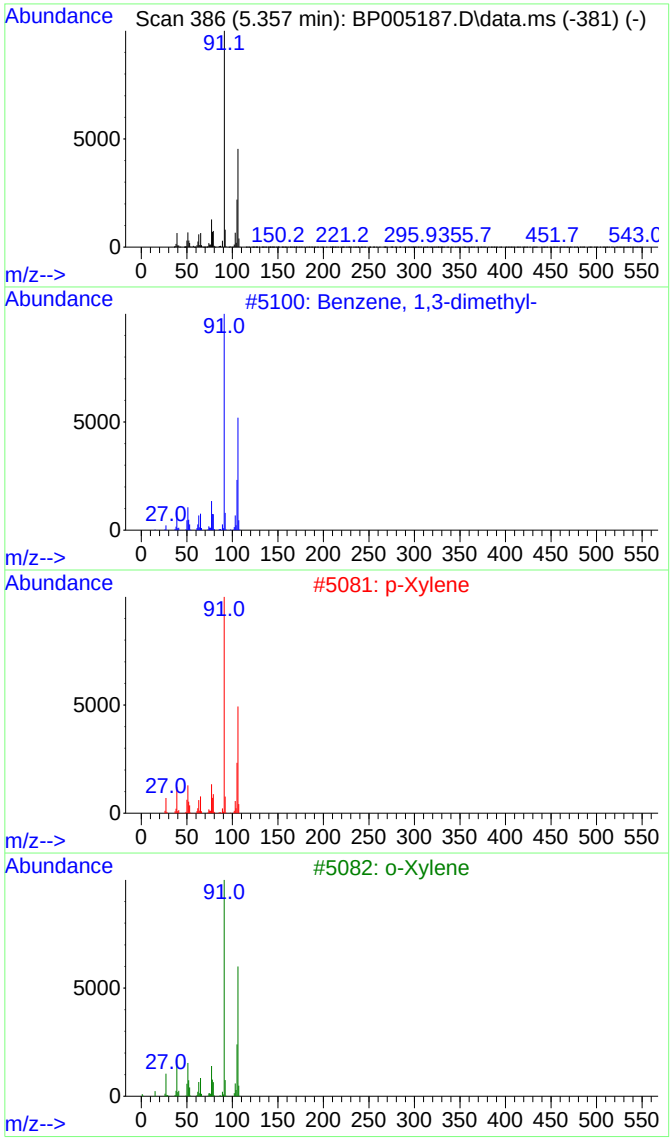
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

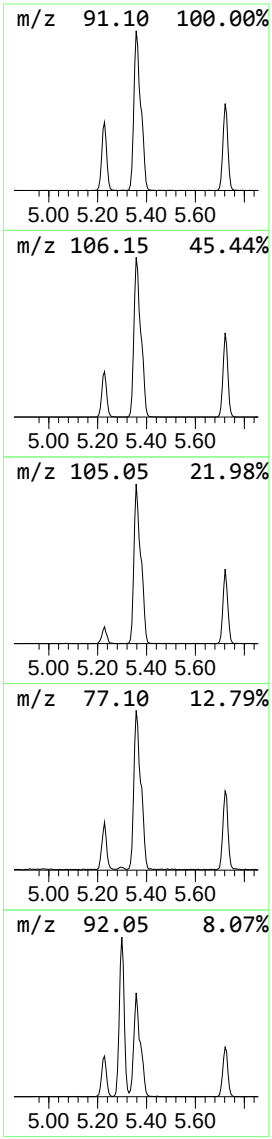
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.357	143.03 ng	1396250	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
2	p-Xylene	106	C8H10	000106-42-3	95
3	o-Xylene	106	C8H10	000095-47-6	94
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87
5	Ethylbenzene	106	C8H10	000100-41-4	87





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

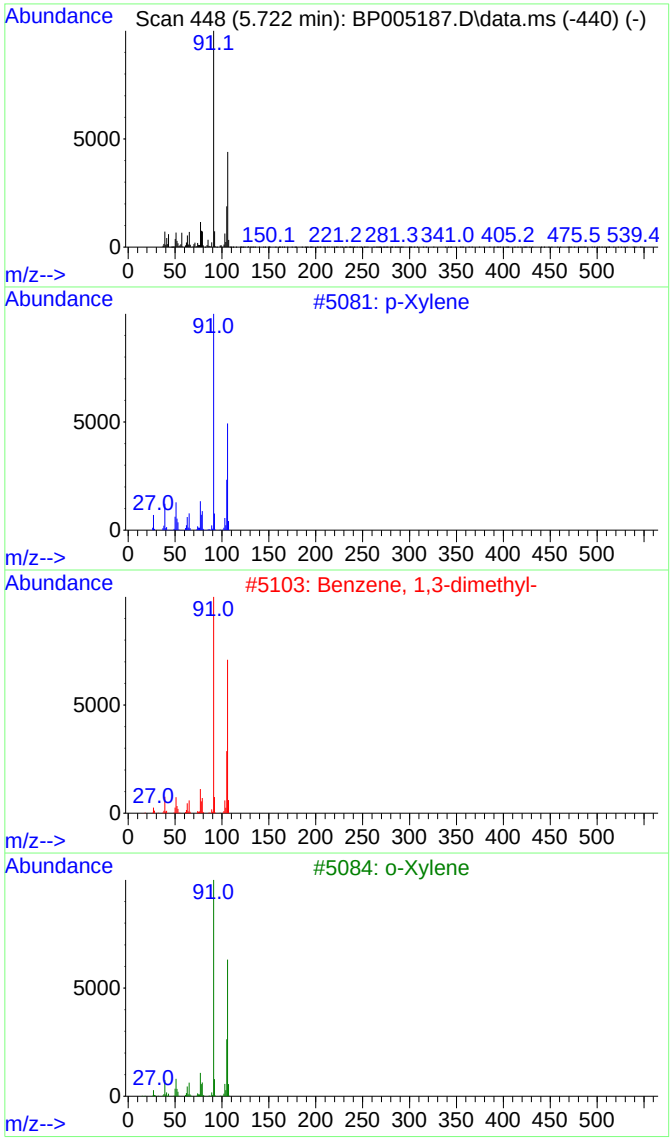
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

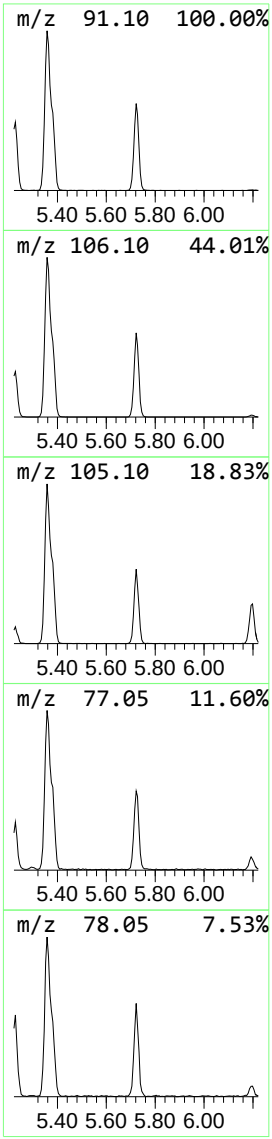
****

Peak Number 6 p-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.722	63.08 ng	615747	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	95
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	o-Xylene	106	C8H10	000095-47-6	94
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	72





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Data File : BP005187.D
Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

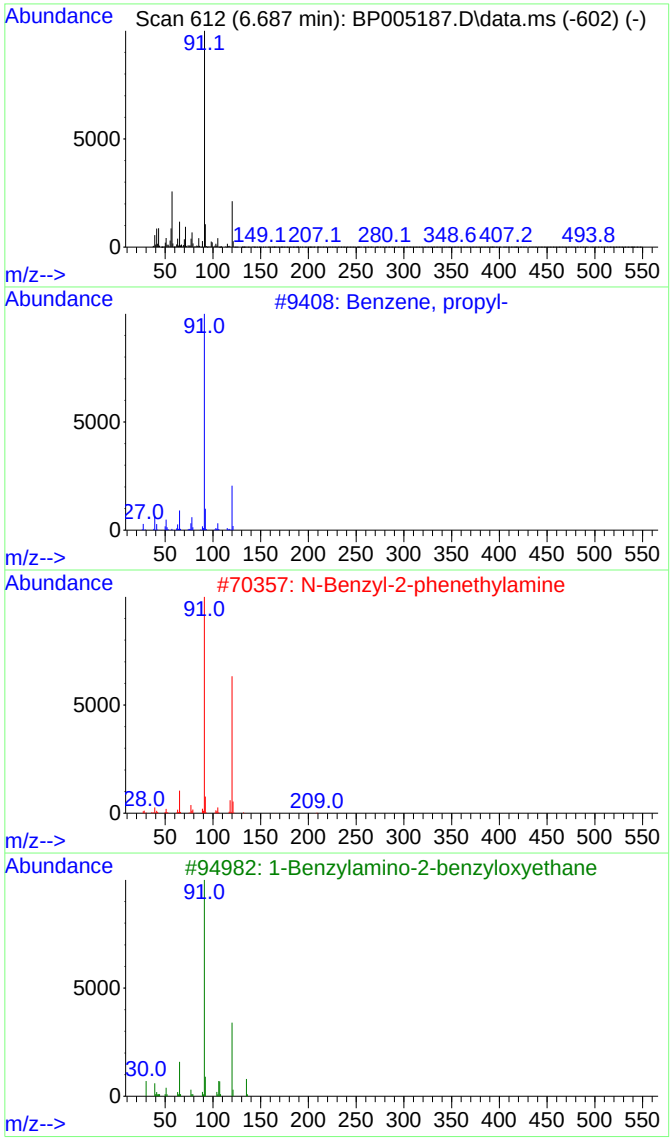
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

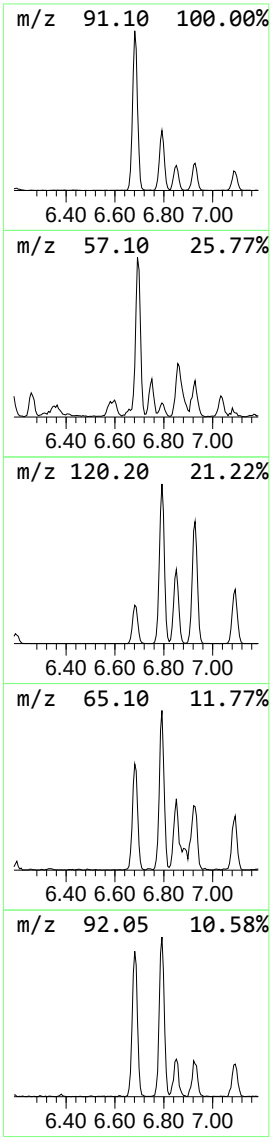
****

Peak Number 7 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	32.76 ng	319823	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	59
3	1-Benzylamino-2-benzyloxyethane	241	C16H19NO	038336-06-0	53
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	53
5	n-Butylbenzylamine	163	C11H17N	002403-22-7	53





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Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-10-12

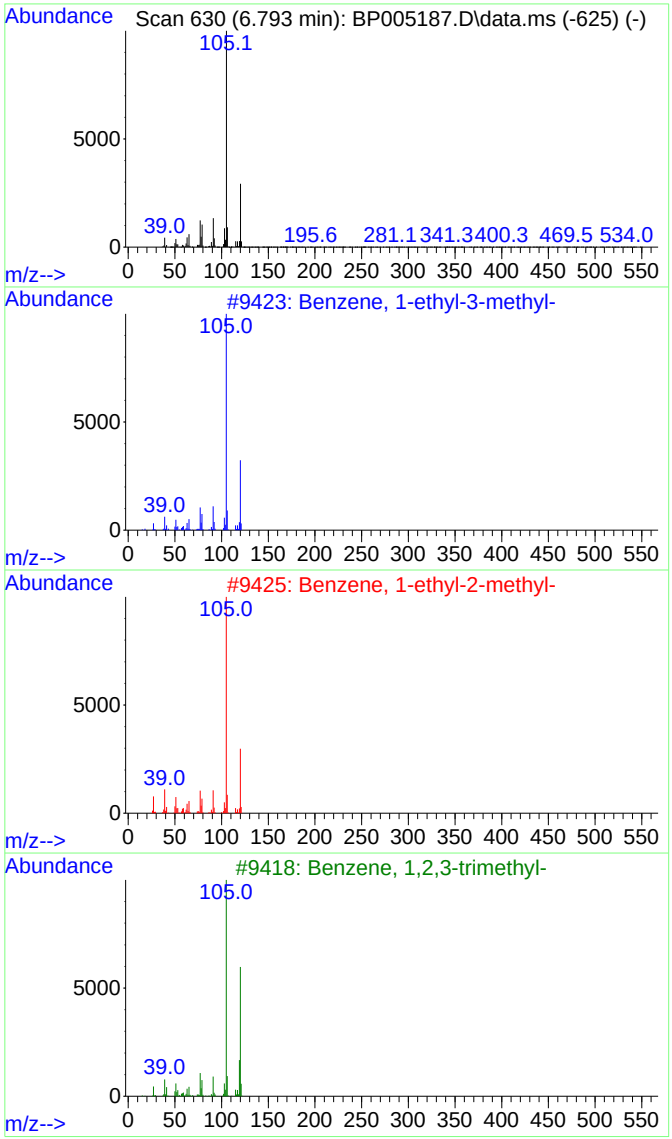
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

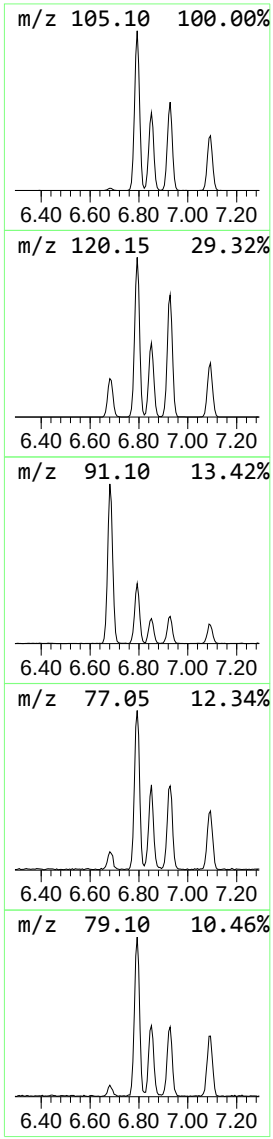
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.793	73.45 ng	716979	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-10-12

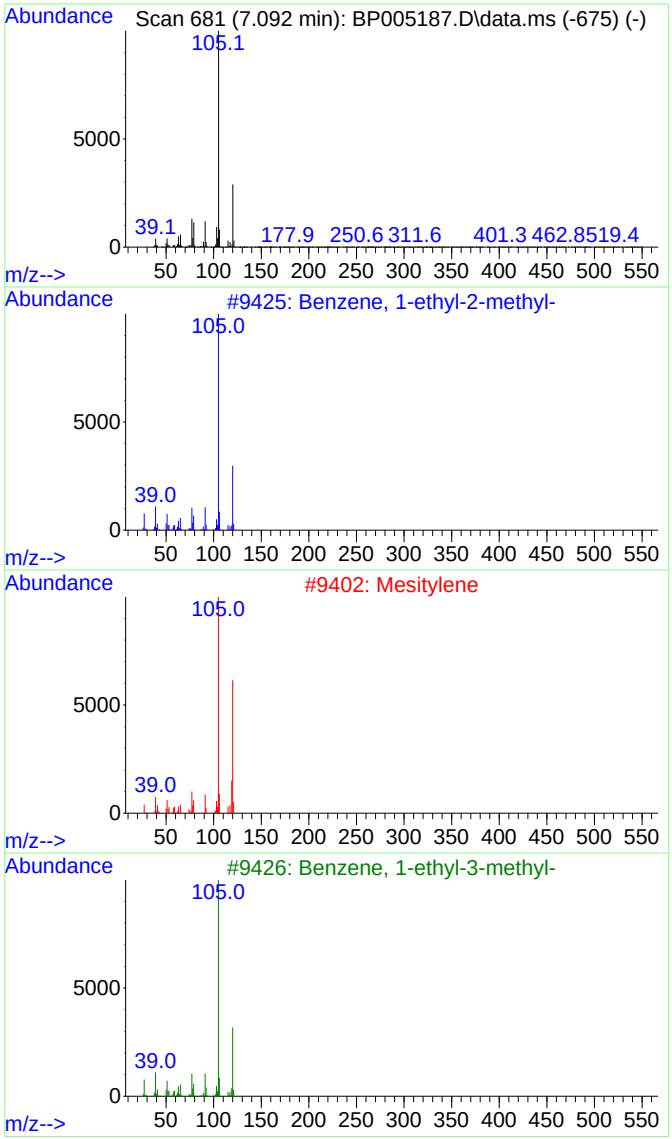
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

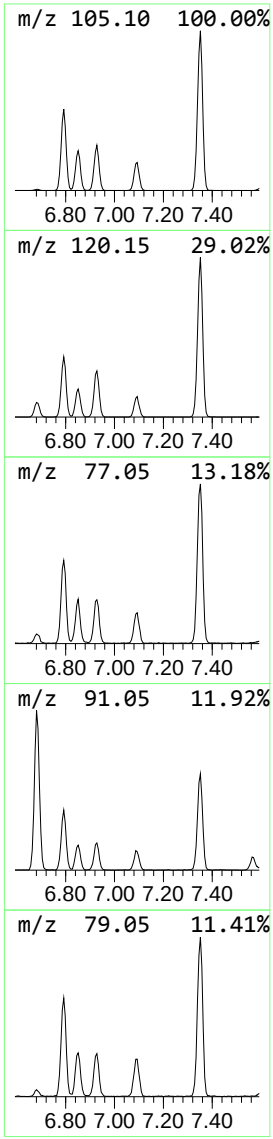
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.092	26.81 ng	261676	1,4-Dichlorobenzene-d4	7.698

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





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Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
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Instrument : BNA_P
ClientSampleId : B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

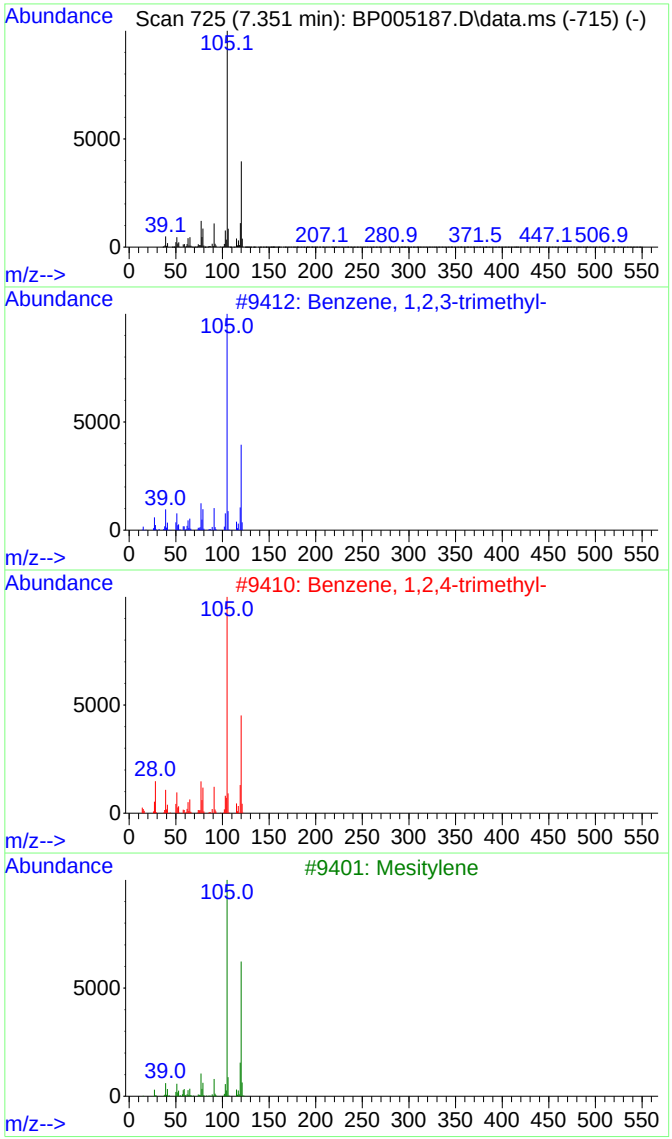
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

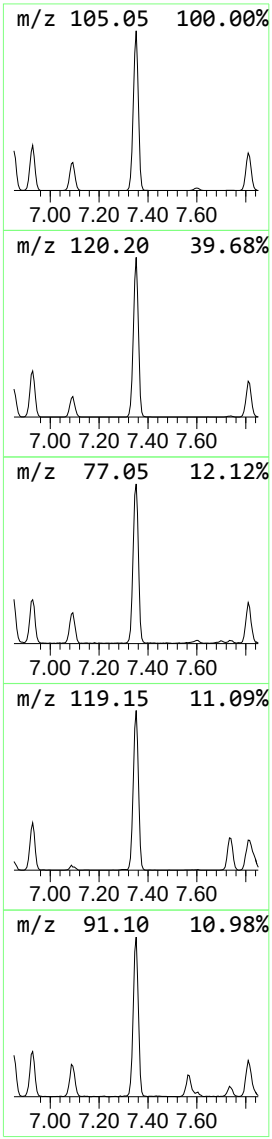
****

Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.351	160.91 ng	1570780	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

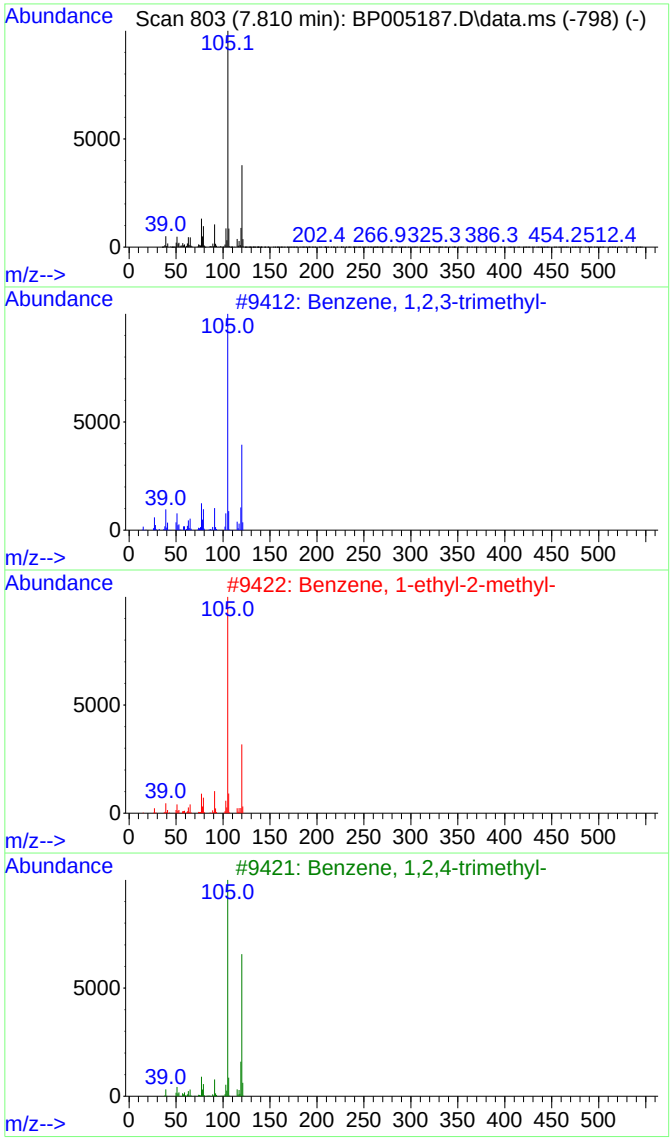
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

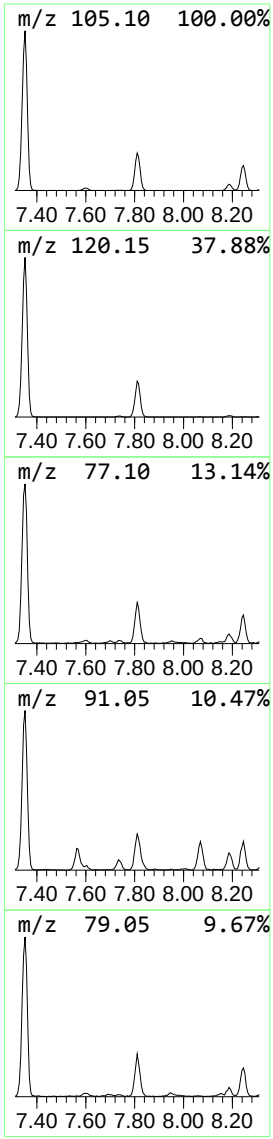
****

Peak Number 11 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.810	40.46 ng	394970	1,4-Dichlorobenzene-d4	7.698

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





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Instrument : BNA_P
ClientSampleId : B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

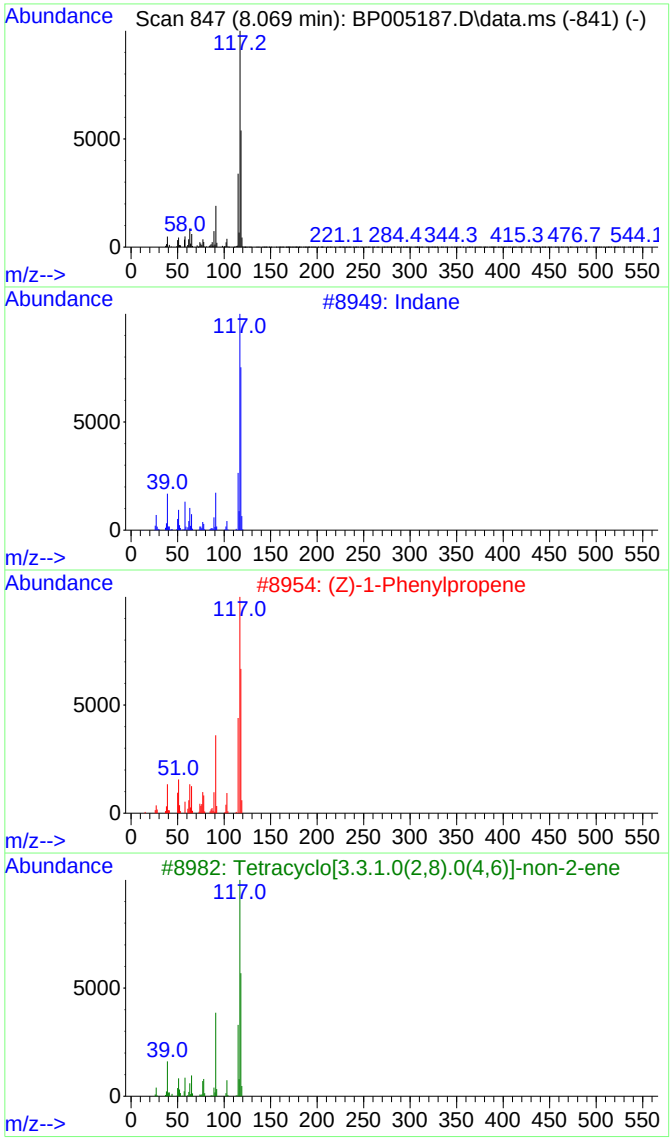
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

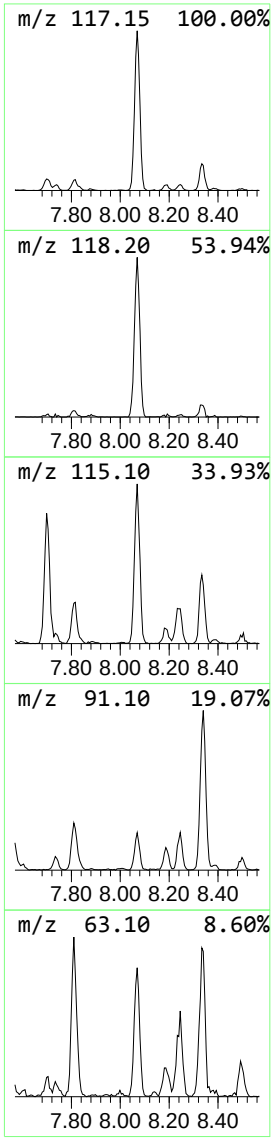
****

Peak Number 12 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	18.80 ng	183491	1,4-Dichlorobenzene-d4	7.698

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	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	53
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	47





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Instrument : BNA_P
ClientSampleId : B2-10-12

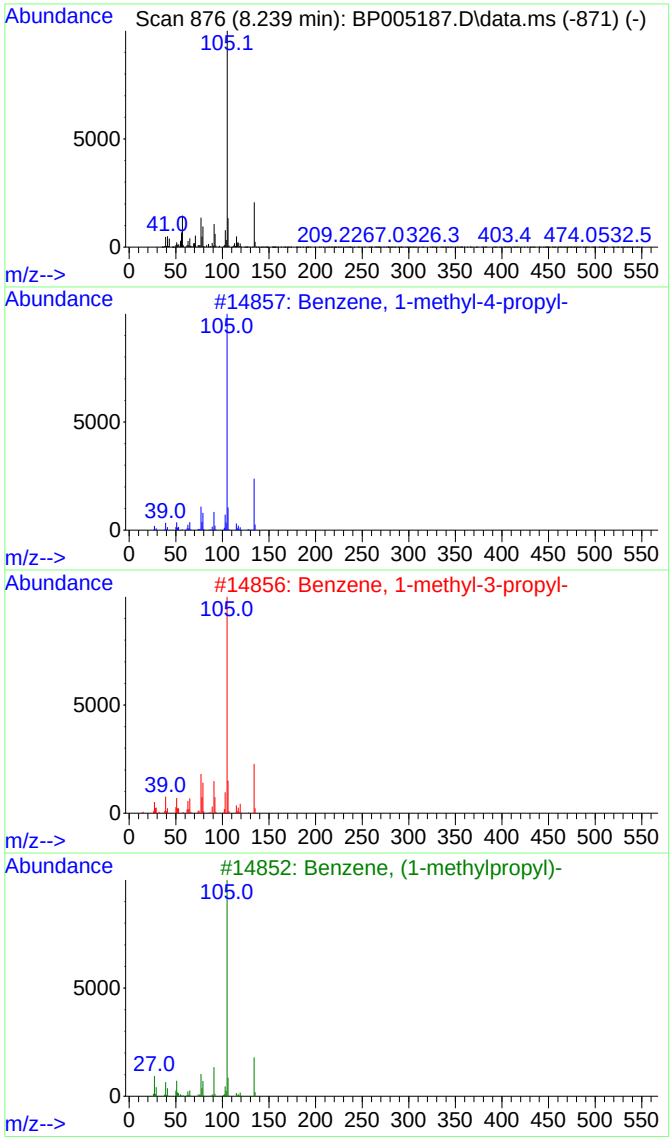
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

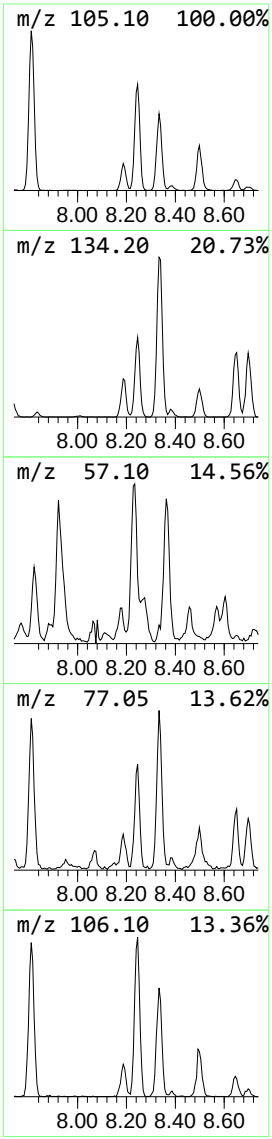
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.239	32.30 ng	315338	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	90
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	87
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72





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Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

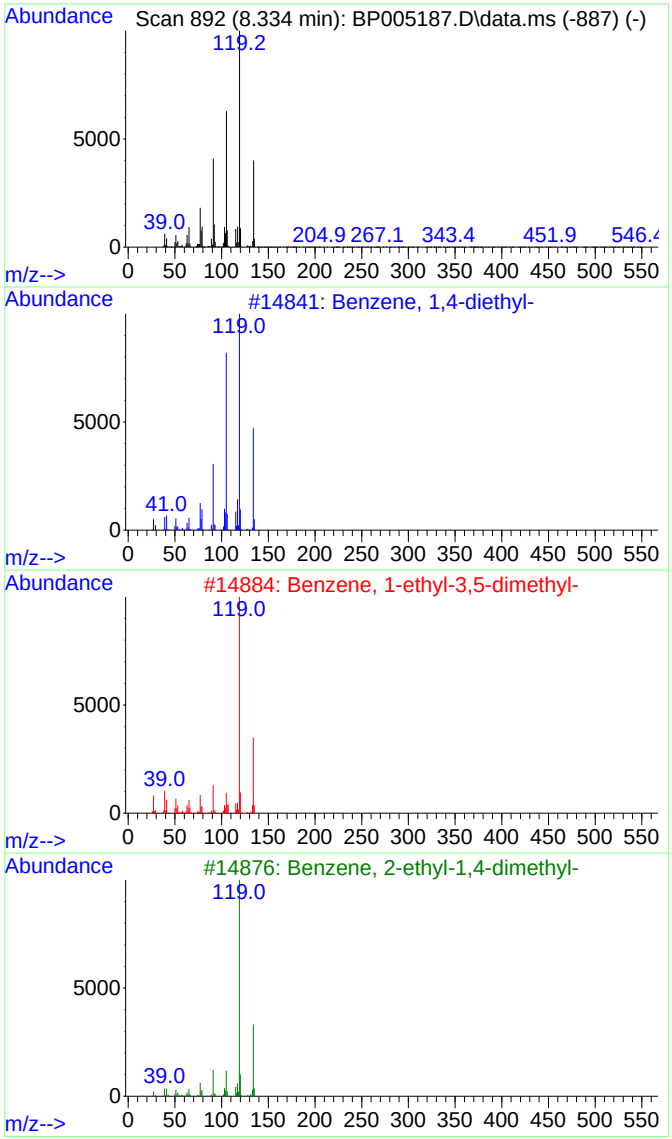
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

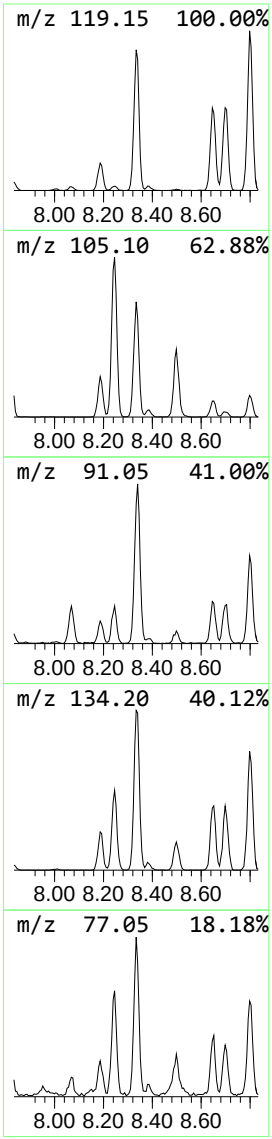
****

Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	55.47 ng	541473	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	90





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Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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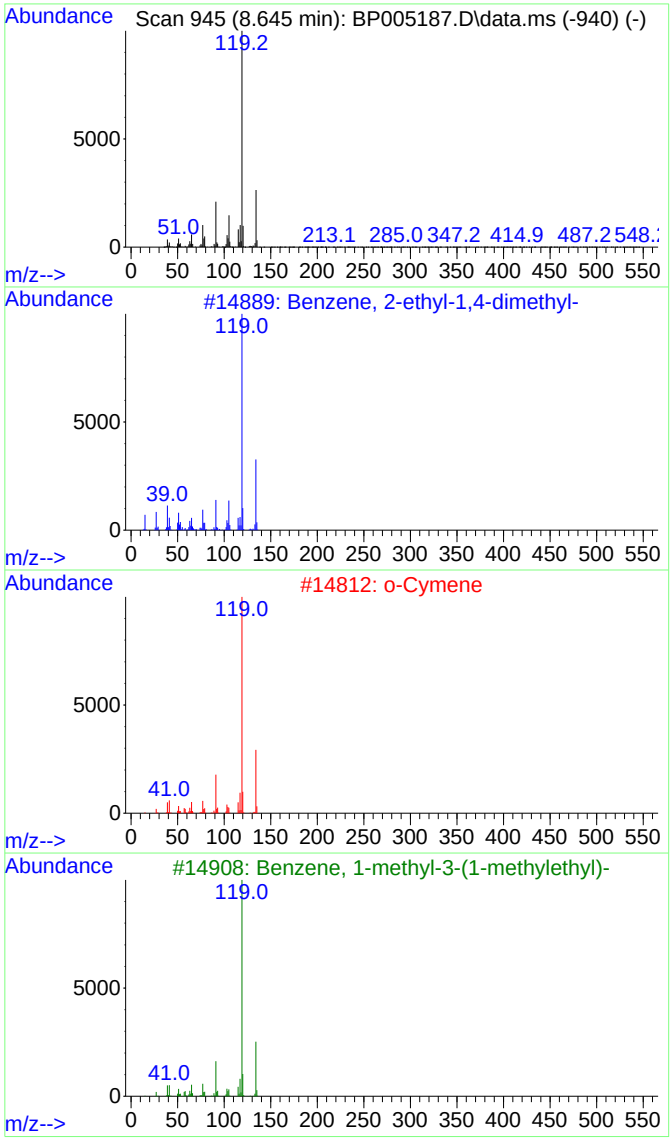
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

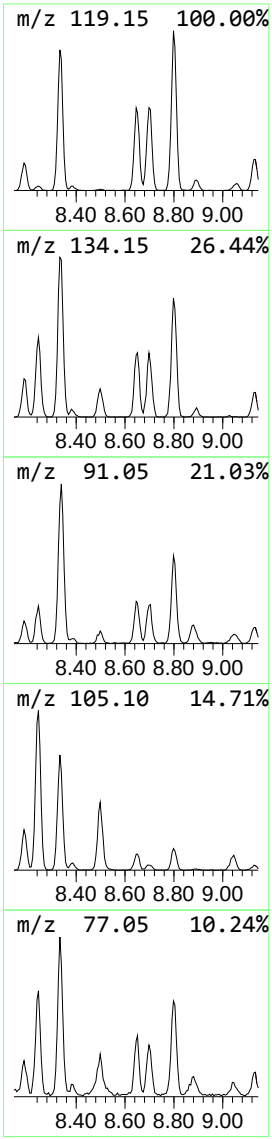
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.645	17.66 ng	172351	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	p-Cymene	134	C10H14	000099-87-6	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

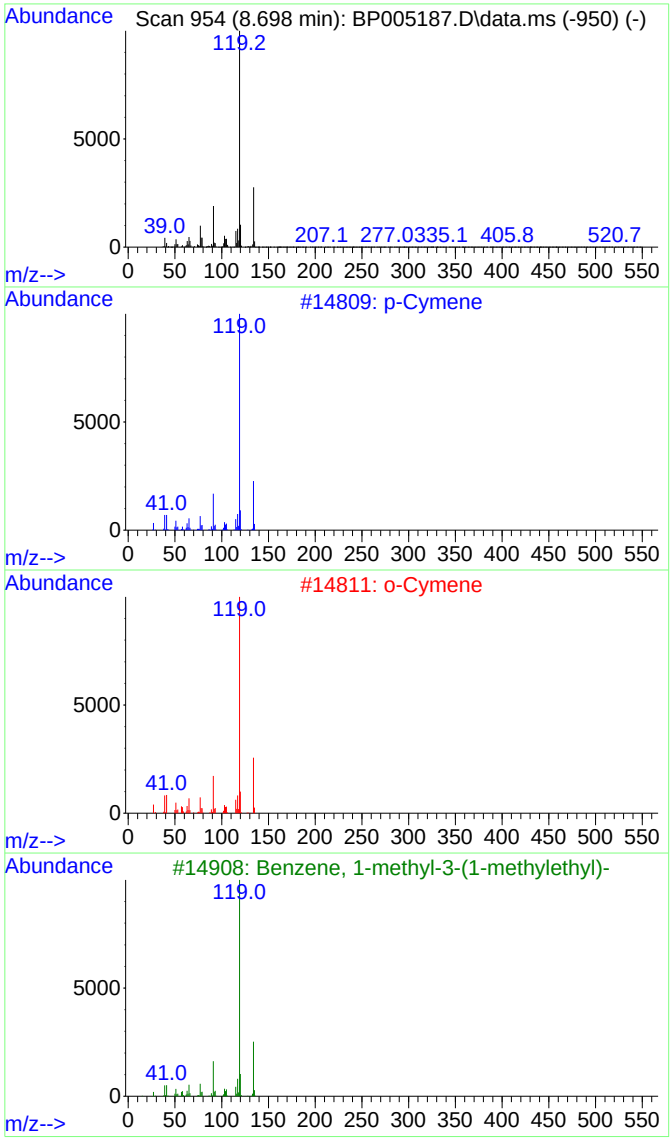
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

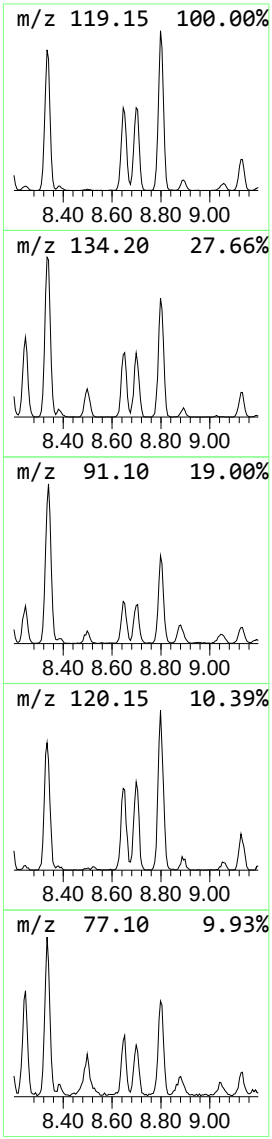
****

Peak Number 16 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.698	17.07 ng	166636	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Operator : CG/JU
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Misc :
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Instrument : BNA_P
ClientSampleId : B2-10-12

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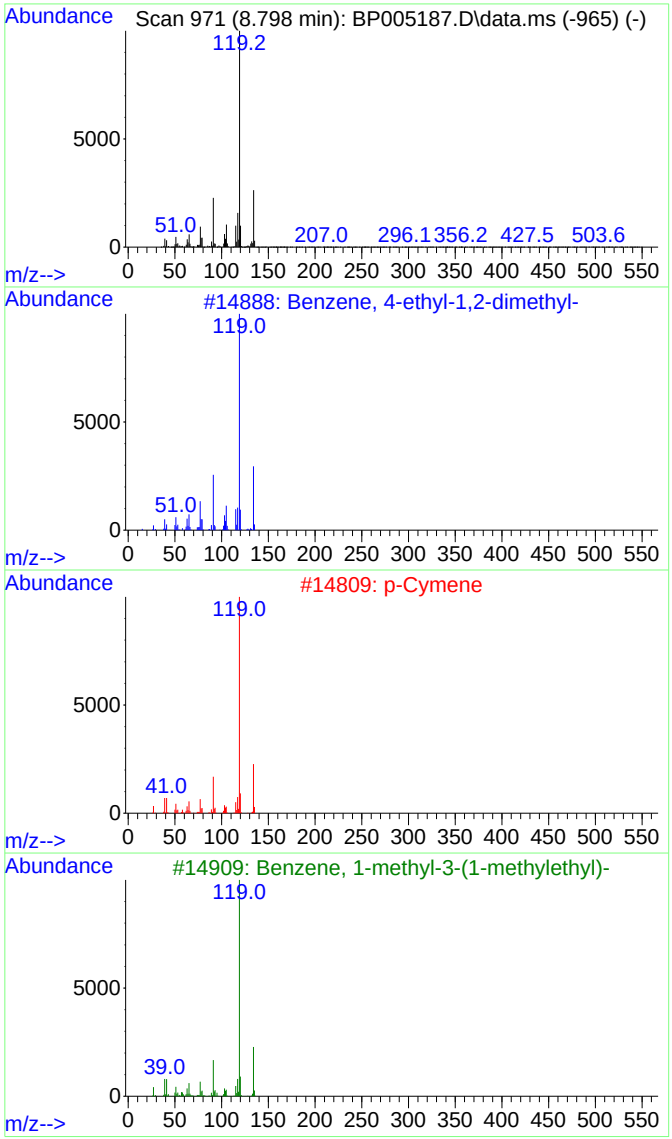
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

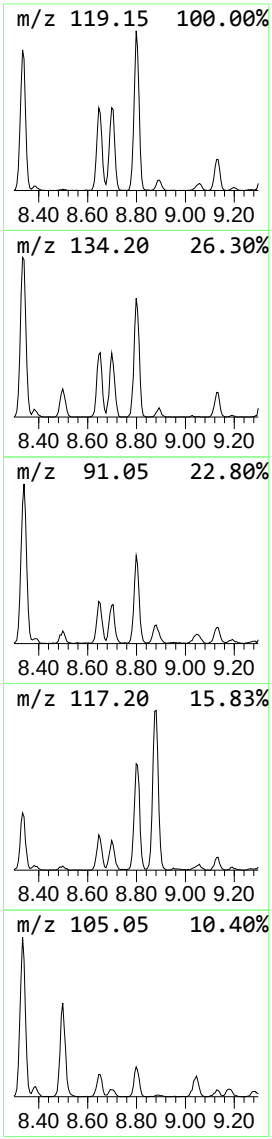
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.798	36.48 ng	356100	1,4-Dichlorobenzene-d4	7.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91
5	o-Cymene	134	C10H14	000527-84-4	90





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Sample : M1836-04
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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

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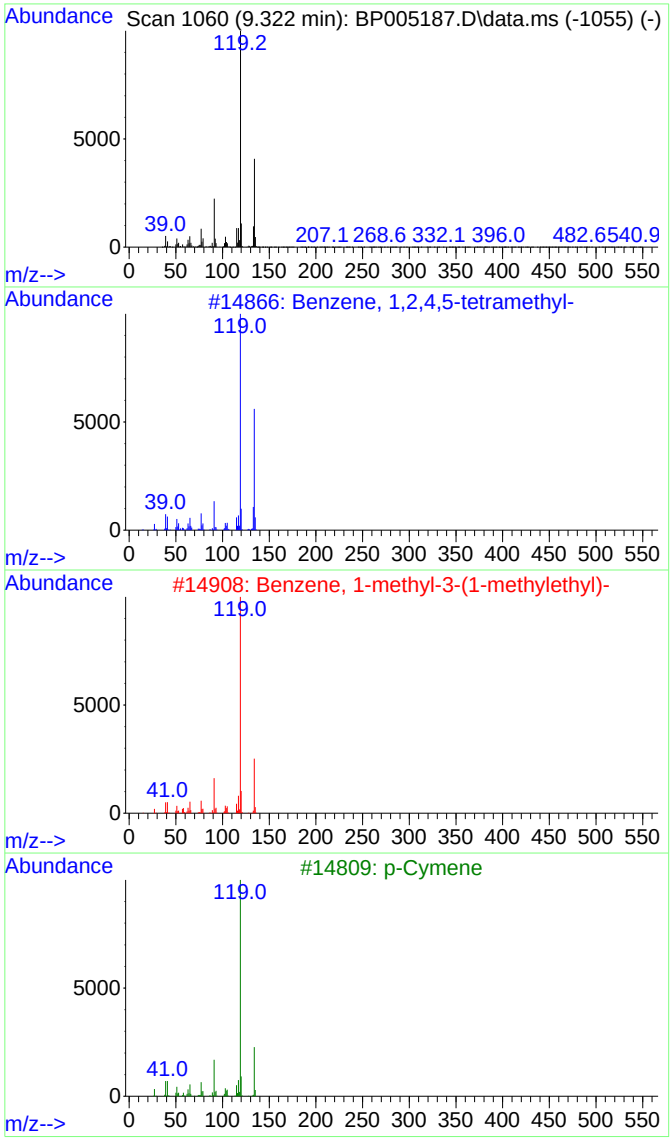
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

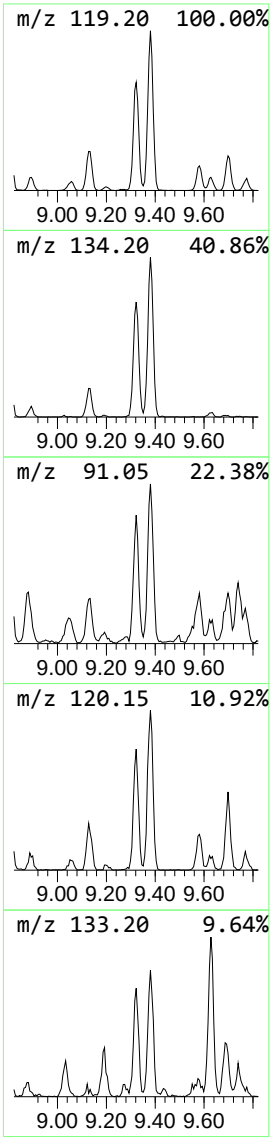
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	12.25 ng	189326	Naphthalene-d8	10.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	p-Cymene	134	C10H14	000099-87-6	93
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





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Data File : BP005187.D
Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

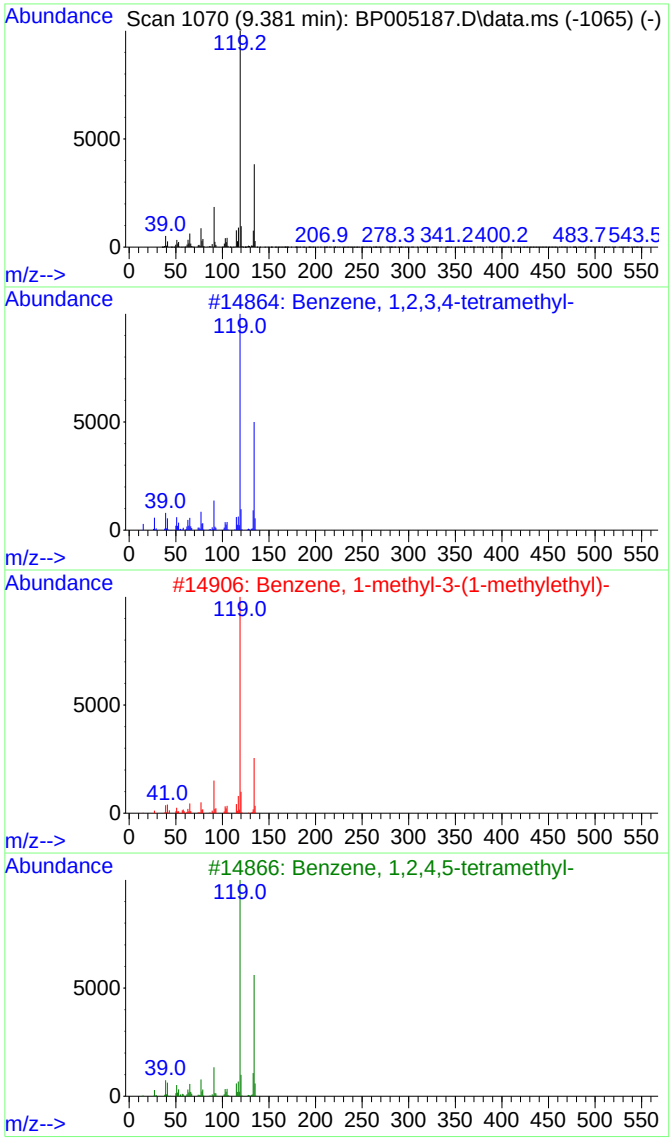
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

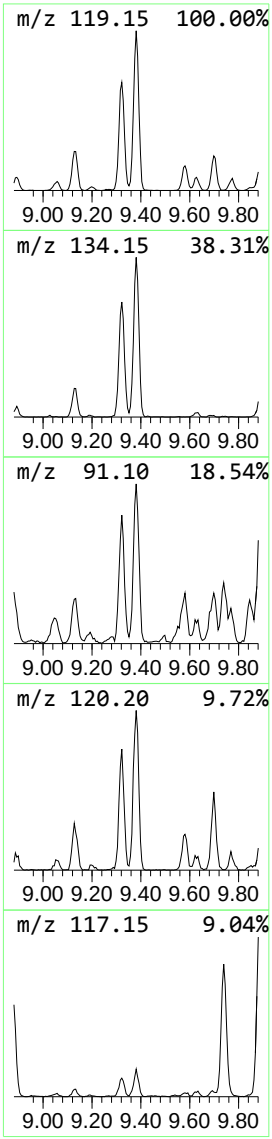
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.381	16.98 ng	262561	Naphthalene-d8	10.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	o-Cymene	134	C10H14	000527-84-4	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Data File : BP005187.D
Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

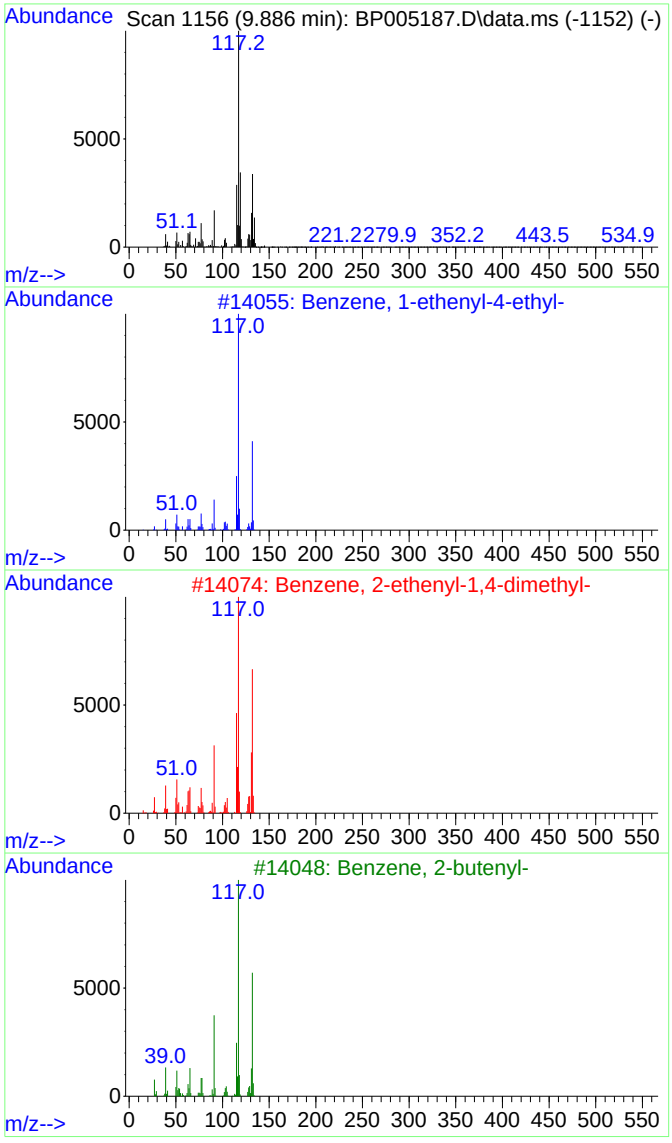
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

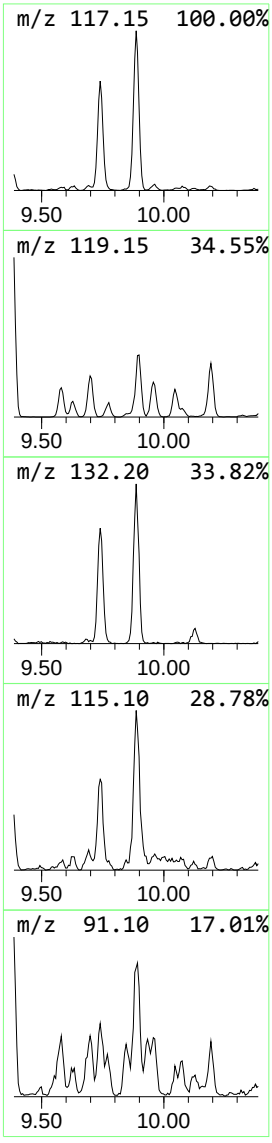
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.886	21.36 ng	330151	Naphthalene-d8	10.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040521\
Data File : BP005187.D
Acq On : 05 Apr 2021 19:55
Operator : CG/JU
Sample : M1836-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B2-10-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.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
Pentane, 2,3,4-...	3.687	17.2	ng	168050	1	7.698	195236	20.0
Pentane, 2,3,3-...	3.781	21.8	ng	212701	1	7.698	195236	20.0
Benzene, 1,3-di...	5.357	143.0	ng	1396250	1	7.698	195236	20.0
p-Xylene	5.722	63.1	ng	615747	1	7.698	195236	20.0
Benzene, propyl-	6.687	32.8	ng	319823	1	7.698	195236	20.0
Benzene, 1-ethy...	6.793	73.5	ng	716979	1	7.698	195236	20.0
Benzene, 1-ethy...	7.092	26.8	ng	261676	1	7.698	195236	20.0
Benzene, 1,2,3-...	7.351	160.9	ng	1570780	1	7.698	195236	20.0
Benzene, 1,2,4-...	7.810	40.5	ng	394970	1	7.698	195236	20.0
Indane	8.069	18.8	ng	183491	1	7.698	195236	20.0
Benzene, 1-meth...	8.239	32.3	ng	315338	1	7.698	195236	20.0
Benzene, 1,4-di...	8.334	55.5	ng	541473	1	7.698	195236	20.0
Benzene, 2-ethy...	8.645	17.7	ng	172351	1	7.698	195236	20.0
p-Cymene	8.698	17.1	ng	166636	1	7.698	195236	20.0
Benzene, 4-ethy...	8.798	36.5	ng	356100	1	7.698	195236	20.0
Benzene, 1,2,4,...	9.322	12.3	ng	189326	2	10.492	309176	20.0
Benzene, 1,2,3,...	9.381	17.0	ng	262561	2	10.492	309176	20.0
Benzene, 1-ethe...	9.886	21.4	ng	330151	2	10.492	309176	20.0