LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.402	71	79	86	rVB	490941	781122	1.70%	0.179%
2	3.855	148	156	159	rBV	583405	827244	1.80%	0.189%
3	4.090	192	196	202	rBV	526042	695165	1.51%	0.159%
4	4.149	202	206	218	rVB	716206	1146008	2.49%	0.262%
5	4.773	307	312	317	rBV	344365	501135	1.09%	0.115%
6	5.149	368	376	384	rBV	13693307	19655289	42.66%	4.496%
7	5.237	385	391	394	rVV	3414618	5257245	11.41%	1.203%
8	5.302	394	402	415	rVB	21301180	46074197	100.00%	10.540%
9	5.643	452	460	471	rBV	15468579	22942994	49.80%	5.248%
10	6.108	529	539	552	rBV	1063337	1712786	3.72%	0.392%
11	6.590	615	621	628	rBV	1875827	2714040	5.89%	0.621%
12	6.702	633	640	644	rVV	3347225	5127506	11.13%	1.173%
13	6.755	644	649	655	rVV	6638838	9851232	21.38%	2.253%
14	6.831	655	662	668	rVV2	3280827	6813974	14.79%	1.559%
15	6.878	668	670	680	rVV	347792	485566	1.05%	0.111%
16	6.996	683	690	697	rVV	8360034	12271011	26.63%	2.807%
17	7.078	698	704	716	rVB5	200755	571412	1.24%	0.131%
18	7.261	727	735	742	rVB	24024954	38432914	83.42%	8.792%
19	7.602	787	793	797	rBV	1134643	1849491	4.01%	0.423%
20	7.714	806	812	820	rVB	9621125	15430247	33.49%	3.530%
21	7.902	832	844	849	rBV5	557600	1398934	3.04%	0.320%
22	7.966	849	855	869	rVB	11746304	18673880	40.53%	4.272%
23	8.084	869	875	879	rBV	1516270	2163668	4.70%	0.495%
24	8.131	879	883	893	rVB2	1604037	2388285	5.18%	0.546%
25	8.231	894	900	905	rBV	1223483	2149082	4.66%	0.492%
26	8.278	905	908	918	rVB2	398336	712184	1.55%	0.163%
27	8.396	921	928	932	rBV	662070	1101320	2.39%	0.252%
28	8.543	947	953	957	rBV	1621363	2408678	5.23%	0.551%
29	8.590	957	961	965	rBV	1451195	2296255	4.98%	0.525%
30	8.696	973	979	984	rBV	4107223	6896040	14.97%	1.577%
31	8.761	984	990	1000	rVB3	5811219	11902450	25.83%	2.723%
32	9.025	1028	1035	1042	rBV	1055173	1847643	4.01%	0.423%
33	9.208	1060	1066	1071	rBV	2395997	3614252	7.84%	0.827%
34	9.272	1071	1077	1084	rVB	2392899	3747605	8.13%	0.857%
35	9.384	1084	1096	1103	rVB5	605297	1590816	3.45%	0.364%
36	9.466	1103	1110	1113	rBV4	232840	491130	1.07%	0.112%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.584	1123	1130	1132	rBV3	629413	1075779	2.33%	0.246%
38	9.625	1132	1137	1146	rVB	2782360	4826082	10.47%	1.104%
39	9.778	1152	1163	1171	rBV2	5914659	11309173	24.55%	2.587%
40	10.008	1198	1202	1205	rBV	508449	733484	1.59%	0.168%
41	10.096	1211	1217	1222	rVB4	302882	735104	1.60%	0.168%
42	10.284	1242	1249	1253	rBV3	536969	1012213	2.20%	0.232%
43	10.325	1253	1256	1257	rVV2	415739	504352	1.09%	0.115%
44	10.372	1257	1264	1267	rVV2	1469354	3317741	7.20%	0.759%
45	10.425	1267	1273	1279	rVV	11657173	20787002	45.12%	4.755%
46	10.484	1279	1283	1288	rVB	487342	705062	1.53%	0.161%
47	10.543	1288	1293	1298	rBV	911945	1454465	3.16%	0.333%
48	10.849	1340	1345	1351	rVB2	557363	1106459	2.40%	0.253%
49	10.949	1356	1362	1369	rVV5	694723	1845322	4.01%	0.422%
50	11.019	1370	1374	1381	rVV5	667208	1440725	3.13%	0.330%
51	11.243	1406	1412	1415	rBV3	561668	1168540	2.54%	0.267%
52	11.278	1416	1418	1424	rVB2	531887	784751	1.70%	0.180%
53	11.396	1430	1438	1440	rBV4	237759	560125	1.22%	0.128%
54	11.478	1447	1452	1458	rBV2	761267	1328211	2.88%	0.304%
55	11.772	1494	1502	1510	rVB3	755422	1909807	4.15%	0.437%
56	11.937	1521	1530	1538	rVB4	471894	1261690	2.74%	0.289%
57	12.043	1538	1548	1556	rBV2	1448754	3882970	8.43%	0.888%
58	12.113	1556	1560	1566	rVB	1604044	2449766	5.32%	0.560%
59	12.166	1566	1569	1574	rVB3	333141	523038	1.14%	0.120%
60	12.266	1575	1586	1592	rBV2	3220072	6790540	14.74%	1.553%
61	12.343	1593	1599	1604	rBV3	717969	1563885	3.39%	0.358%
62	12.425	1606	1613	1617	rBV	1801016	4004353	8.69%	0.916%
63	12.584	1635	1640	1646	rVV4	653047	1199573	2.60%	0.274%
64	12.666	1646	1654	1656	rVV3	556582	1135783	2.47%	0.260%
65	12.696	1656	1659	1668	rVV3	1177329	2382936	5.17%	0.545%
66	12.854	1678	1686	1697	rVB	9341457	14340237	31.12%	3.280%
67	13.090	1716	1726	1740	rVB3	1182739	3326675	7.22%	0.761%
68	13.213	1742	1747	1755	rVB	836511	1424538	3.09%	0.326%
69	13.313	1756	1764	1771	rBV	2776692	5161603	11.20%	1.181%
70	13.384	1771	1776	1780	rVV2	1222702	1984464	4.31%	0.454%
71	13.425	1780	1783	1789	rVV2	1061535	1787580	3.88%	0.409%
72	13.507	1789	1797	1800	rVV3	1487366	3163325	6.87%	0.724%
73	13.537	1800	1802	1810	rVV4	1306710	2277295	4.94%	0.521%
74	13.601	1810	1813	1819	rVV3	529853	934158	2.03%	0.214%
75	13.796	1841	1846	1856	rVB2	929806	1872803	4.06%	0.428%
76	13.931	1865	1869	1875	rVB	1109859	1634648	3.55%	0.374%

LSC Area Percent Report

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Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.996	1875	1880	1885	rVB	507545	744454	1.62%	0.170%
78	14.048	1885	1889	1892	rBV	371021	514119	1.12%	0.118%
79	14.254	1919	1924	1937	rVB	2569788	4381802	9.51%	1.002%
80	14.413	1944	1951	1954	rBV5	354833	874585	1.90%	0.200%
81	14.507	1961	1967	1973	rVB4	718096	1483891	3.22%	0.339%
82	14.619	1979	1986	1994	rVB	894853	1554538	3.37%	0.356%
83	14.690	1994	1998	2002	rBV	415537	586717	1.27%	0.134%
84	14.813	2010	2019	2028	rBV2	1502048	3161475	6.86%	0.723%
85	14.996	2046	2050	2055	rVB4	327232	508686	1.10%	0.116%
86	15.166	2075	2079	2084	rBV2	486962	880996	1.91%	0.202%
87	15.643	2155	2160	2166	rBV	483163	838621	1.82%	0.192%
88	15.778	2177	2183	2192	rBV	7876575	11996554	26.04%	2.744%
89	17.060	2395	2401	2408	rVB2	2578604	3793821	8.23%	0.868%
90	18.001	2557	2561	2565	rBV	361795	468003	1.02%	0.107%
91	19.789	2858	2865	2875	rBV	14382846	19585503	42.51%	4.480%
92	21.495	3149	3155	3166	rBV2	2436047	4298185	9.33%	0.983%
93	21.660	3179	3183	3190	rVB	326306	530709	1.15%	0.121%
94	24.777	3704	3713	3737	rVB	1463044	4724224	10.25%	1.081%

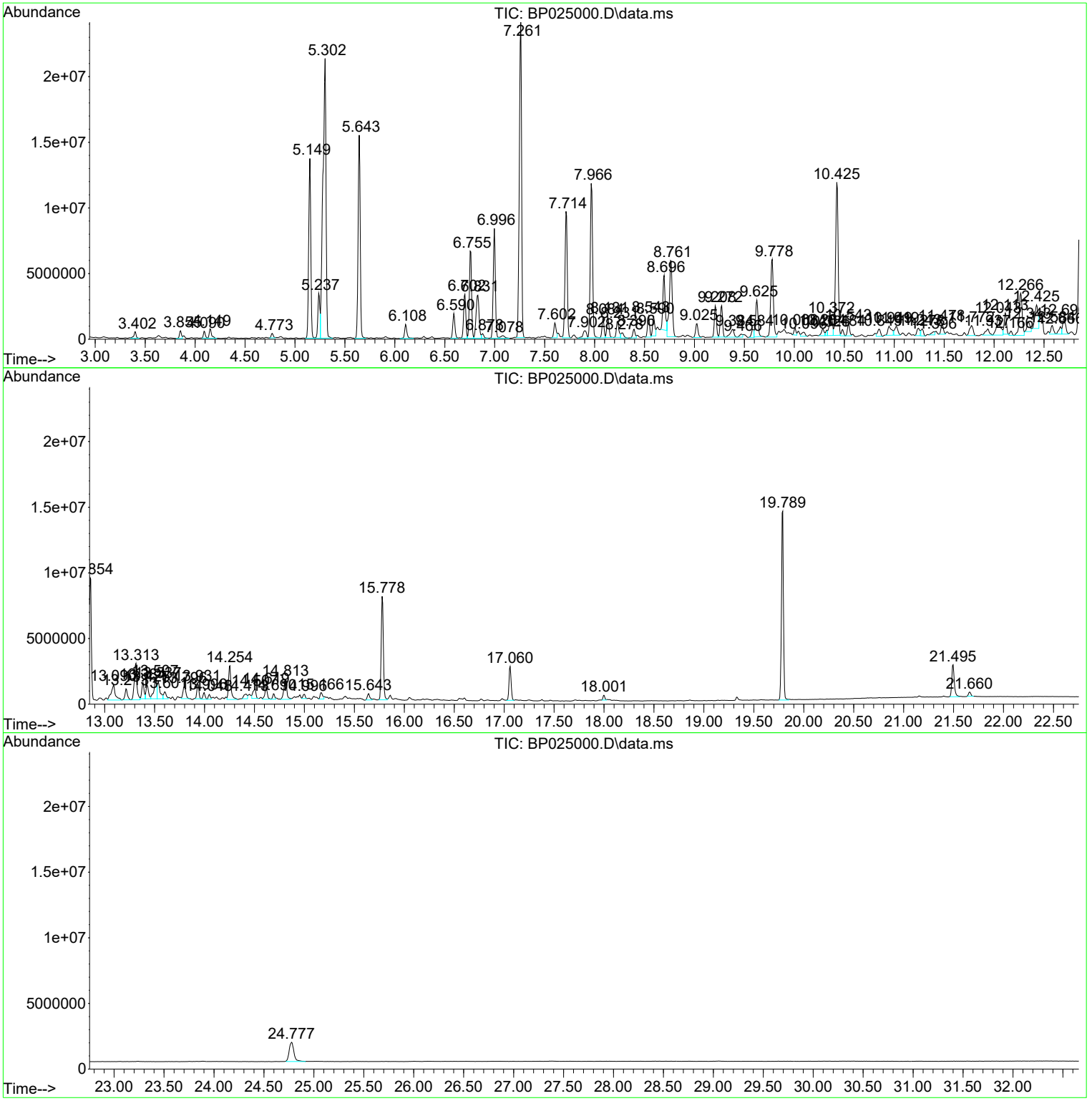
Sum of corrected areas: 437155940

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
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MW-08

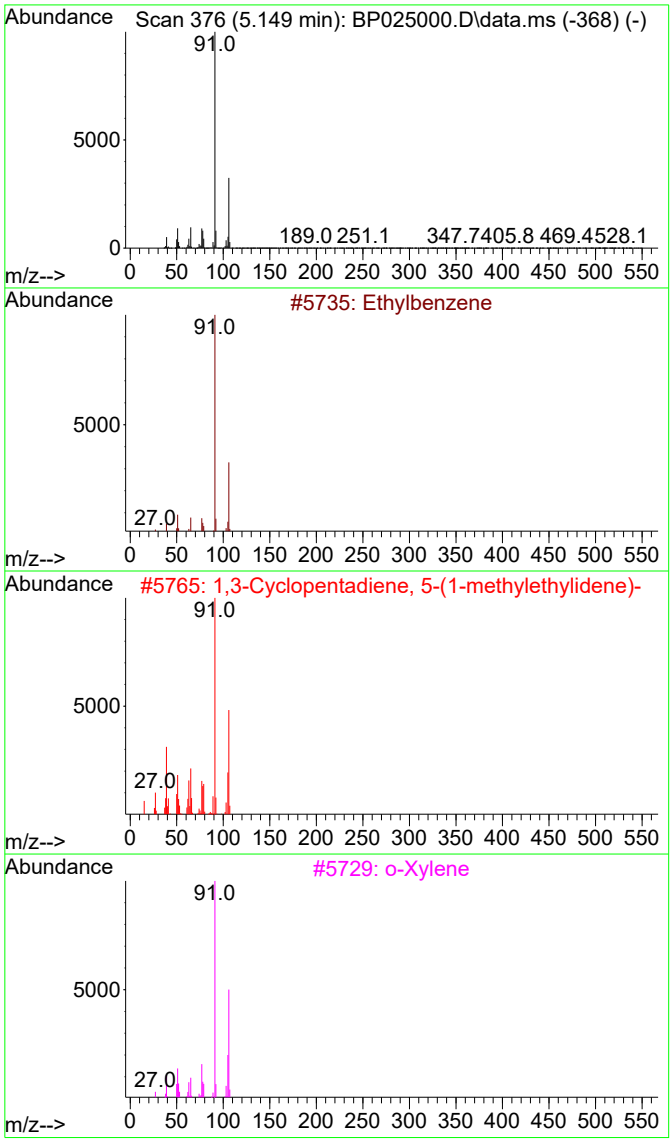
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

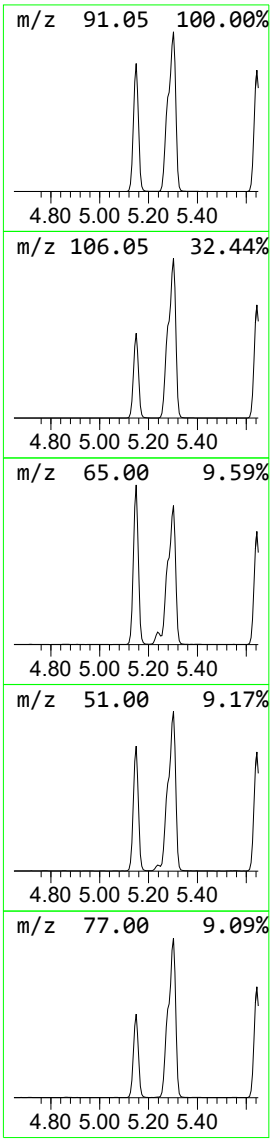
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.149	212.55 ng	19655300	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	81
3	o-Xylene	106	C8H10	000095-47-6	81
4	p-Xylene	106	C8H10	000106-42-3	72
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

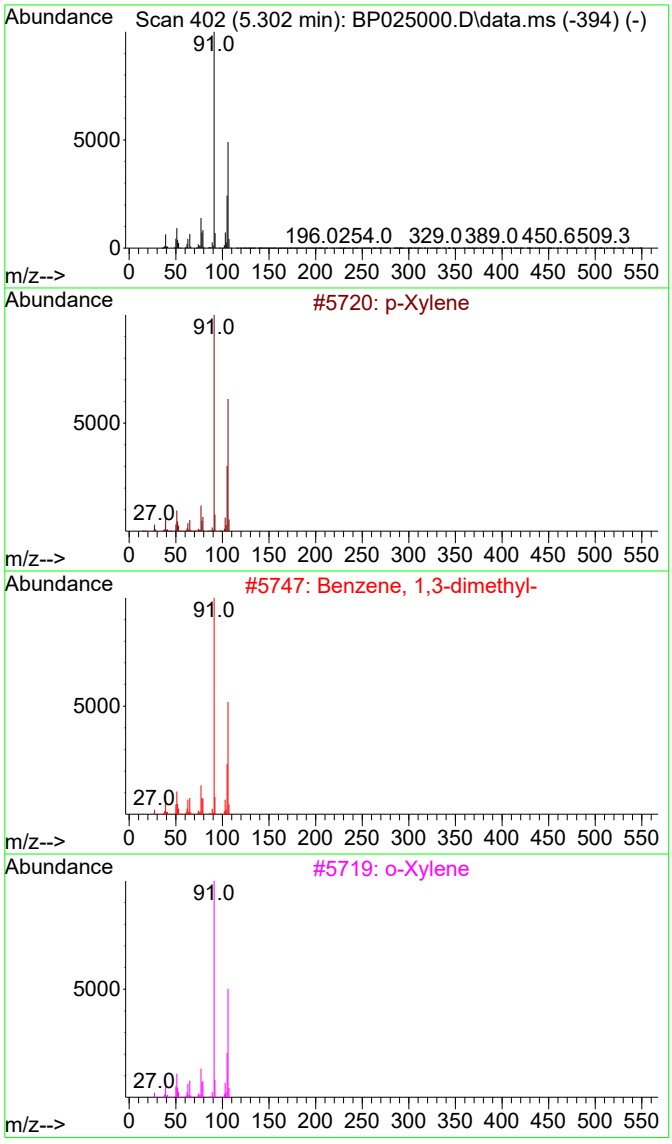
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

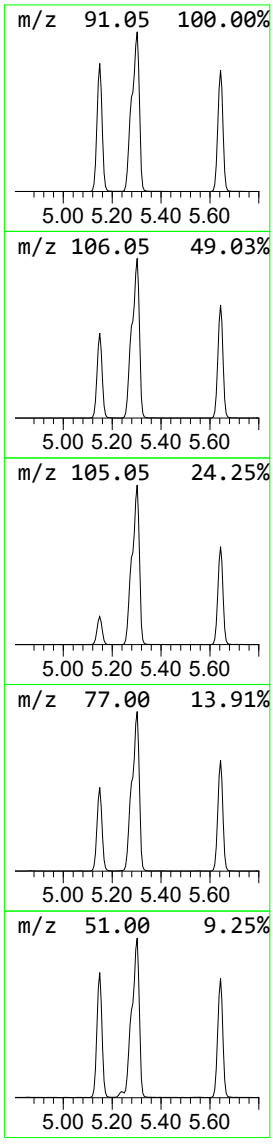
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.302	498.24 ng	46074200	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	81
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

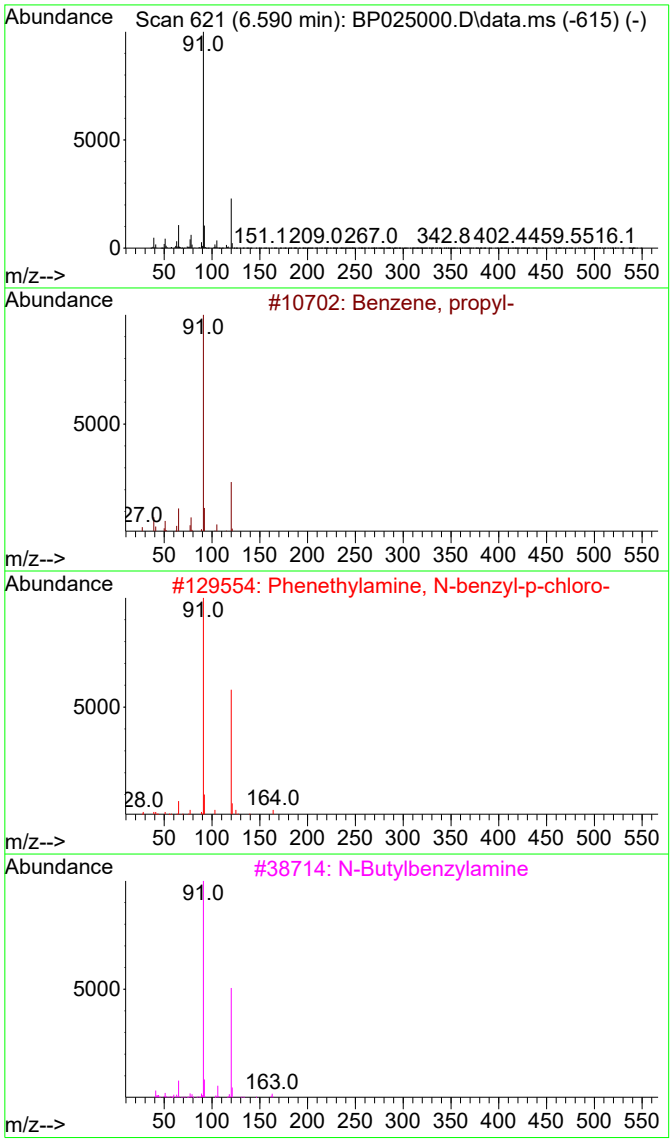
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

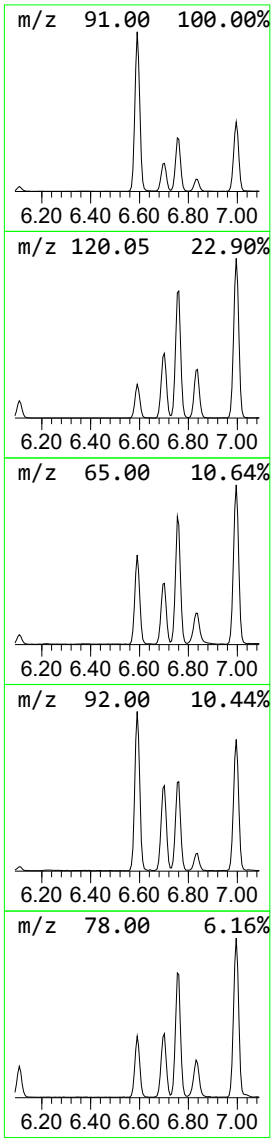
****

Peak Number 4 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.590	29.35 ng	2714040	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
3	N-Butylbenzylamine	163	C11H17N	002403-22-7	64
4	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	53
5	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

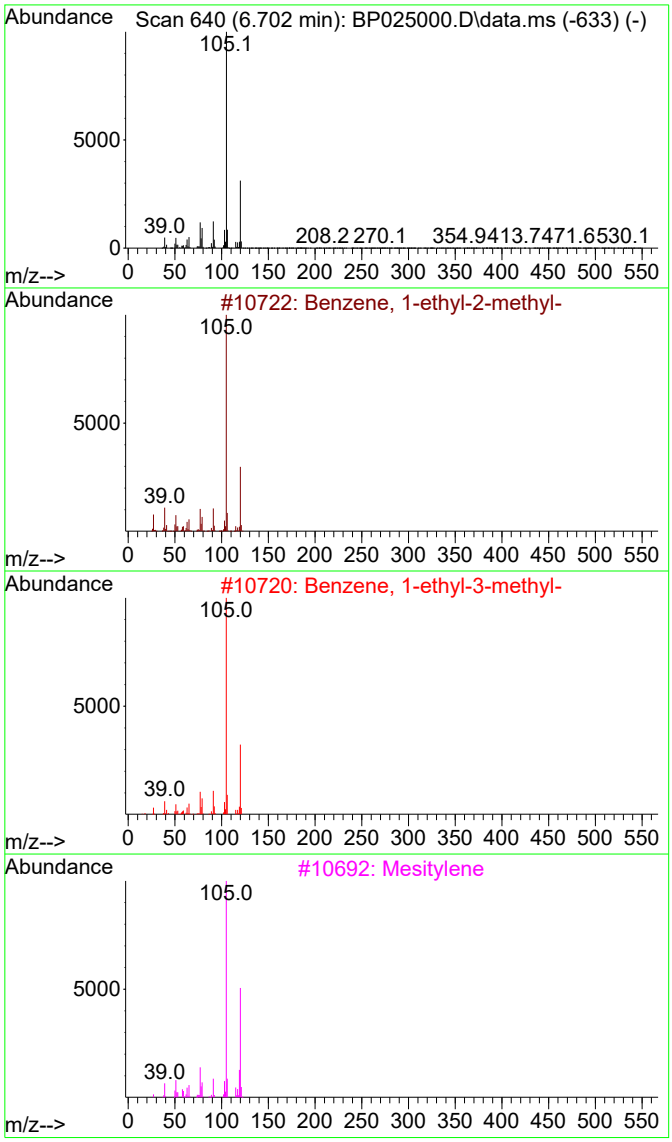
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

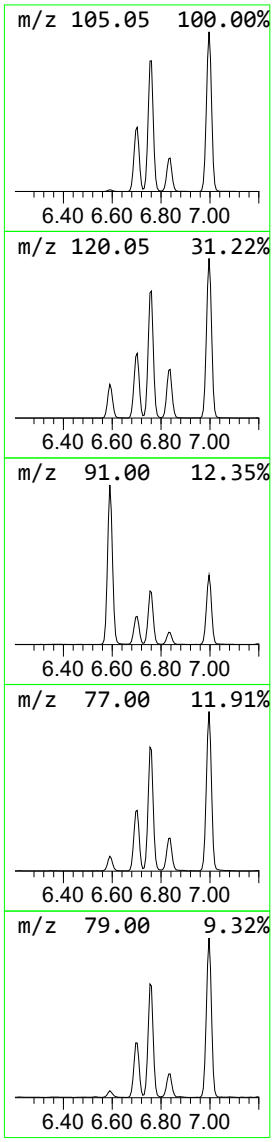
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.702	55.45 ng	5127510	1,4-Dichlorobenzene-d4	7.602

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	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

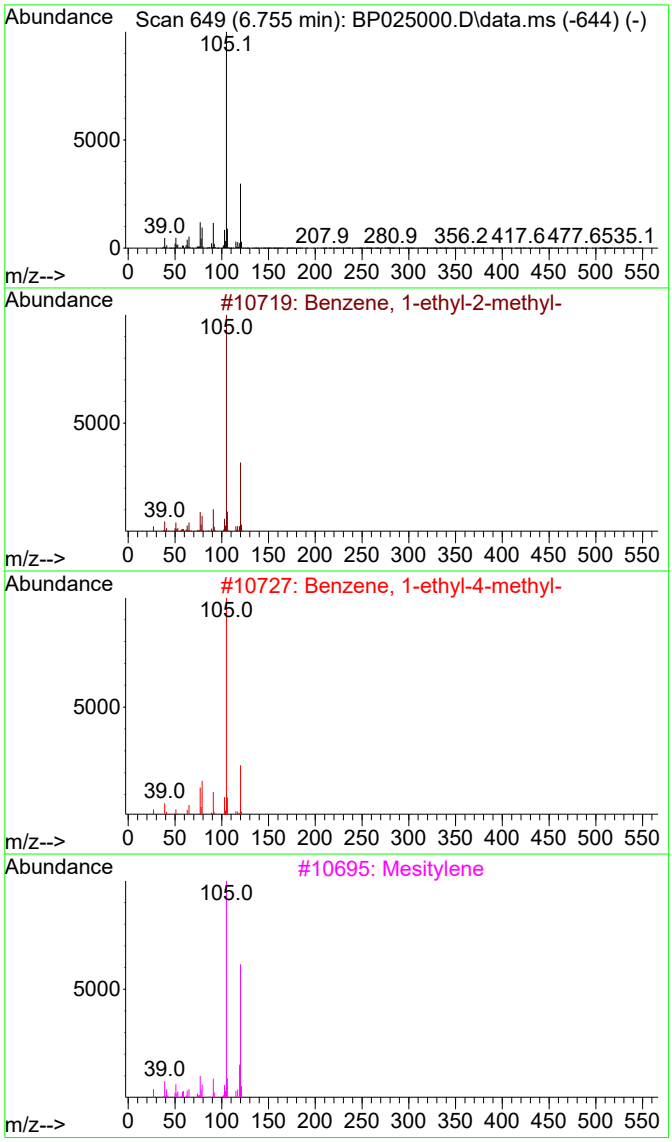
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

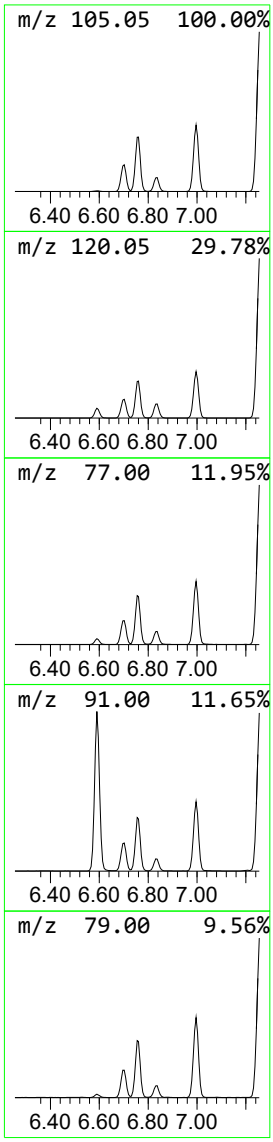
****

Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.755	106.53 ng	9851230	1,4-Dichlorobenzene-d4	7.602

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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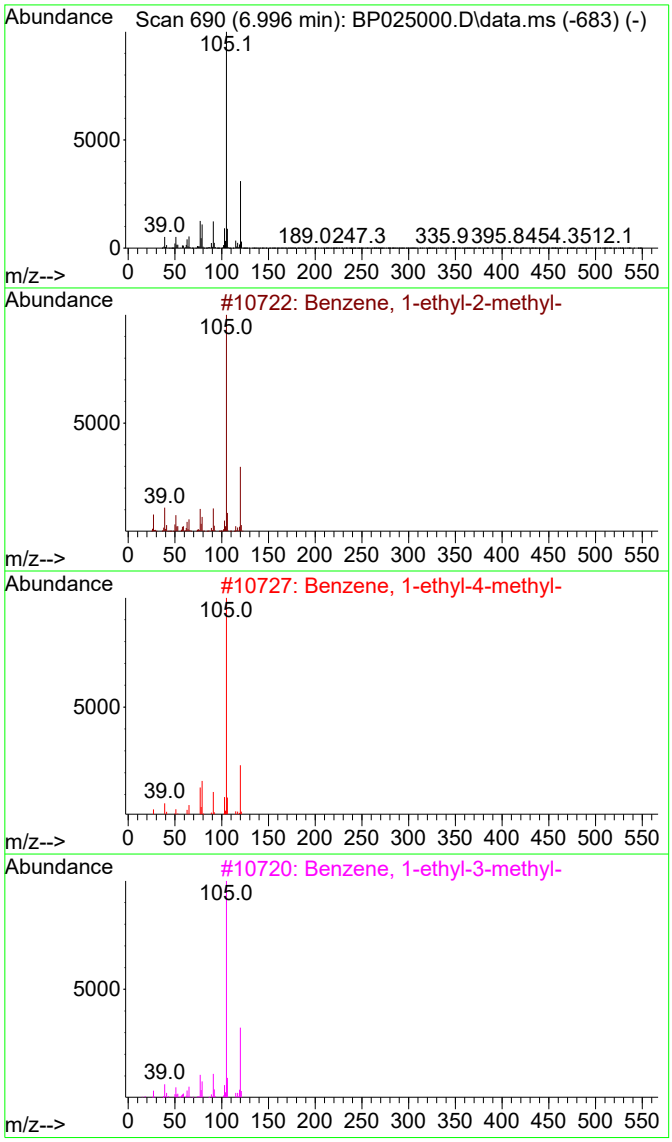
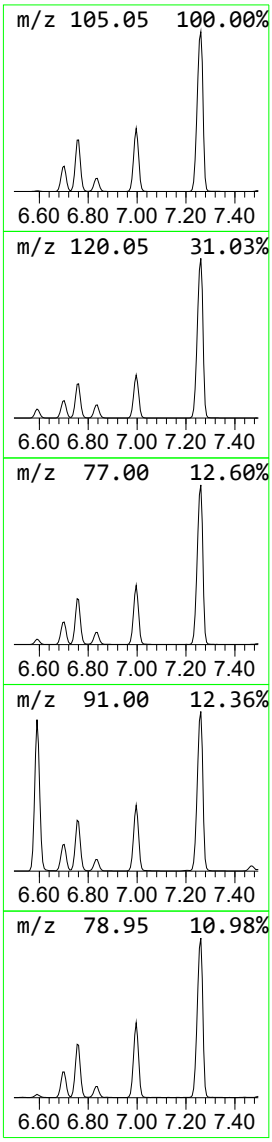
Peak Number 7 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.996	132.70 ng	12271000	1,4-Dichlorobenzene-d4	7.602

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	94
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	Mesitylene	120	C9H12	000108-67-8	91





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Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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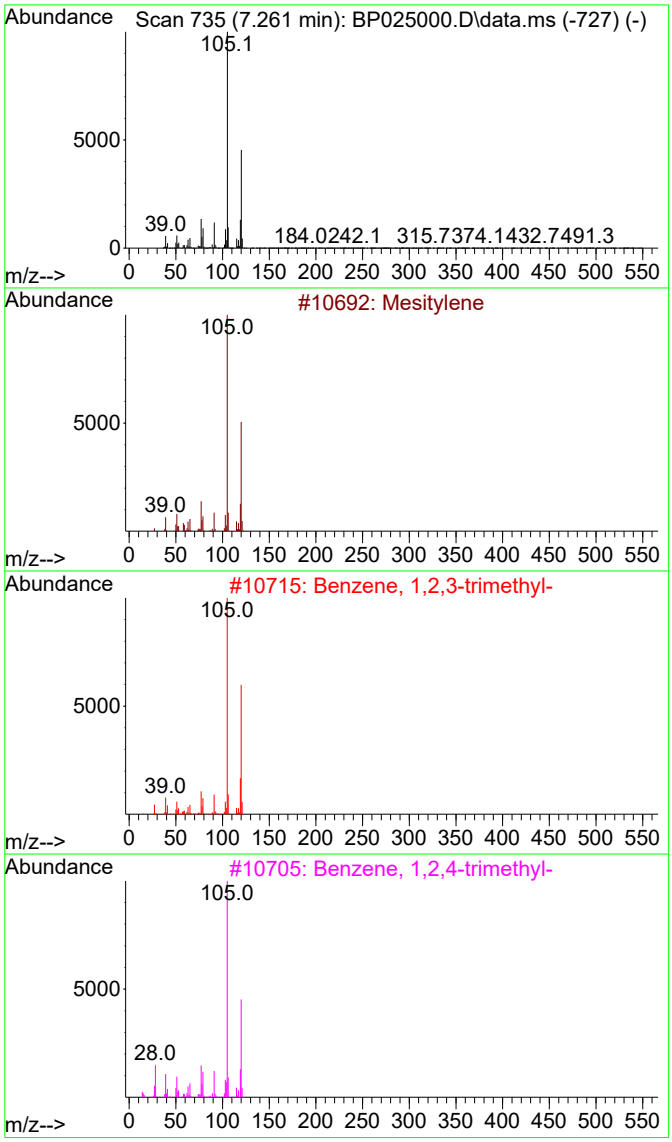
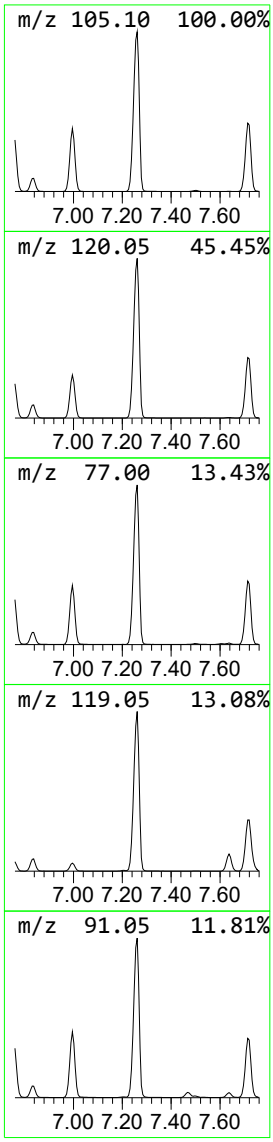
Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.261	415.61 ng	38432900	1,4-Dichlorobenzene-d4	7.602

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	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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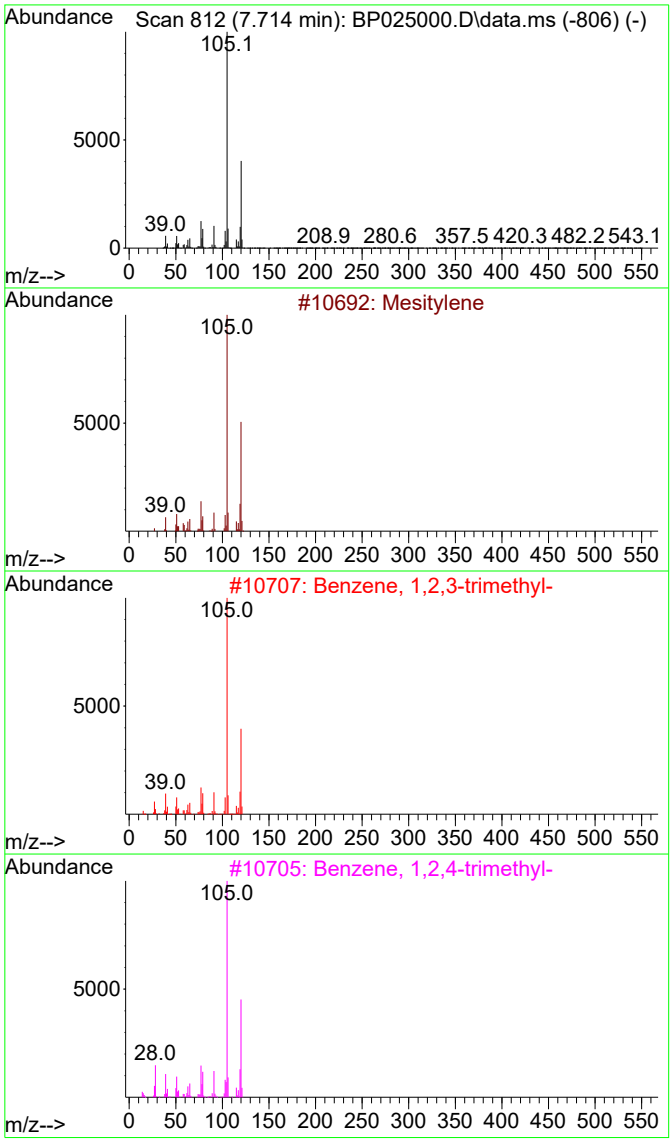
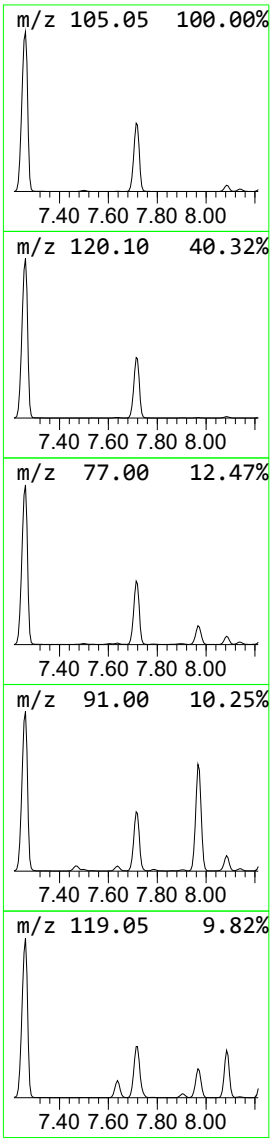
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.714	166.86 ng	15430200	1,4-Dichlorobenzene-d4	7.602

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	90





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Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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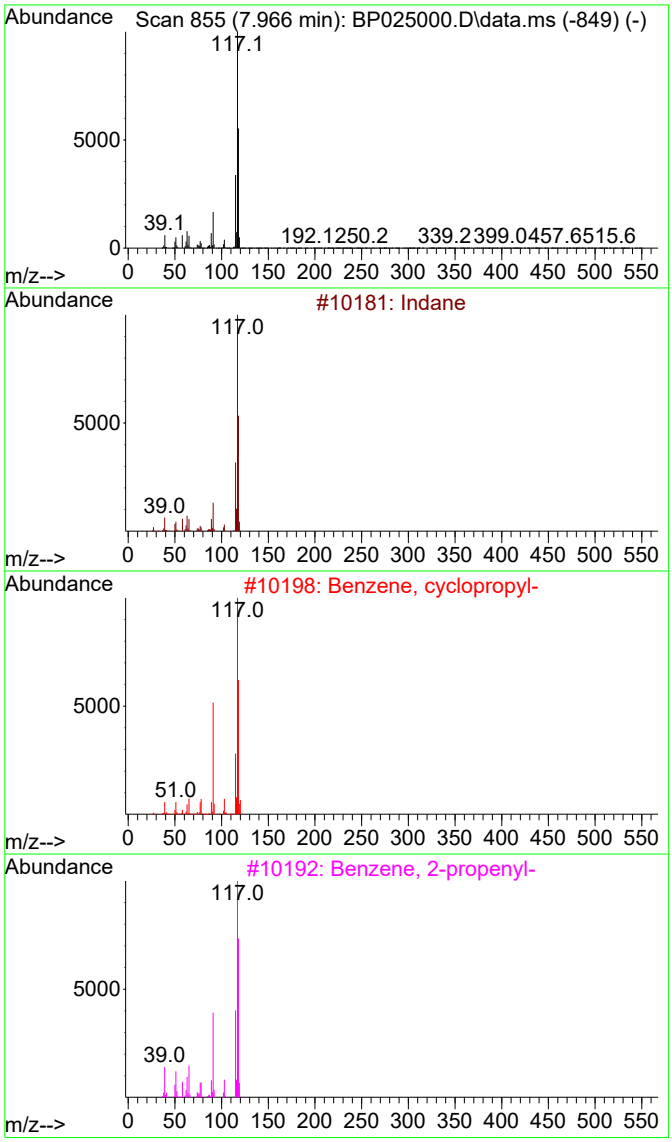
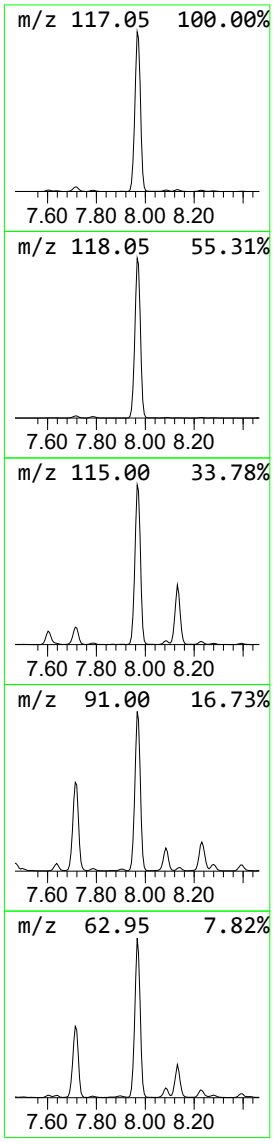
Peak Number 10 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.966	201.94 ng	18673900	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
5	Deltacyclene	118	C9H10	007785-10-6	72





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Misc :
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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

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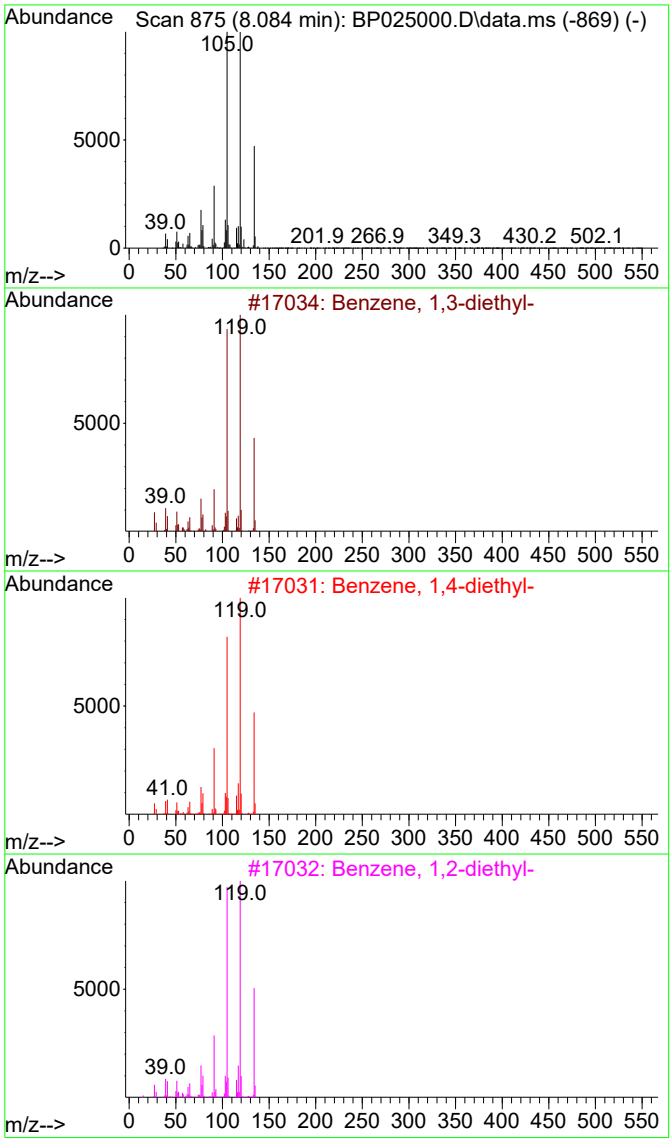
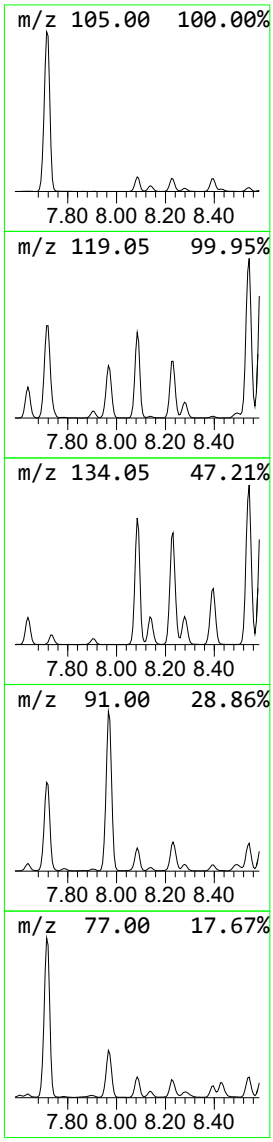
Peak Number 11 Benzene, 1,3-diethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.084	23.40 ng	2163670	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	o-Cymene	134	C10H14	000527-84-4	81





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Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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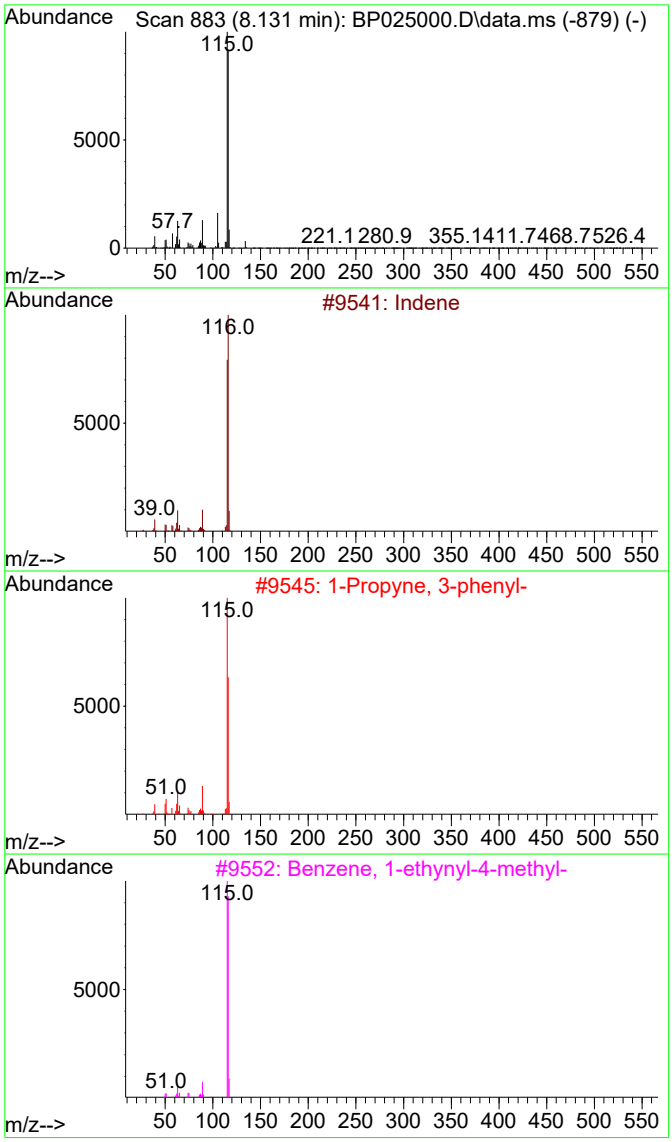
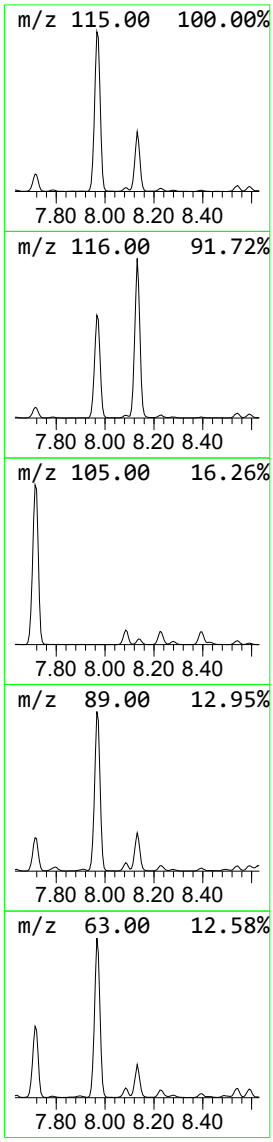
Peak Number 12 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.131	25.83 ng	2388290	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	90
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





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Sample : Q2333-02
Misc :
ALS Vial : 15 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

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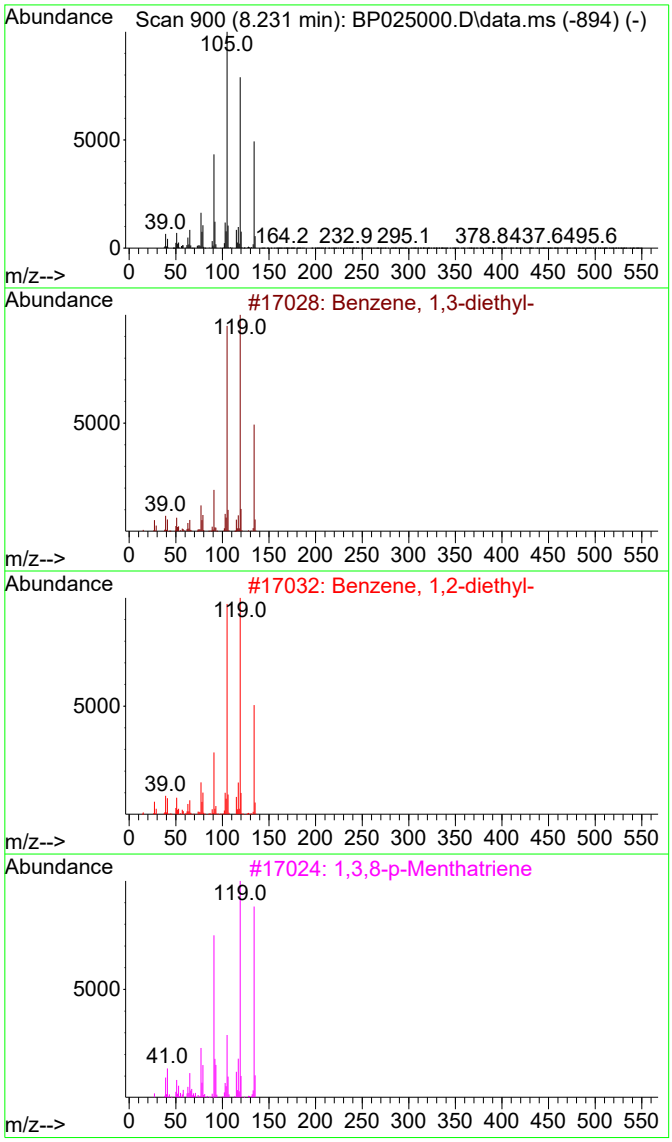
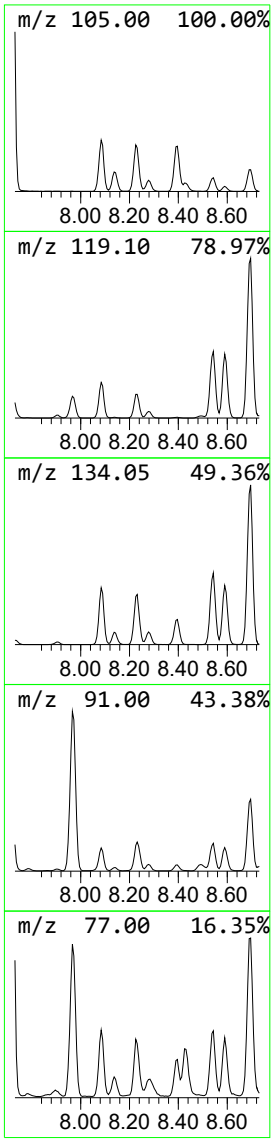
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.231	23.24 ng	2149080	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	92
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	90





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Acq On : 18 Jun 2025 18:53
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Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

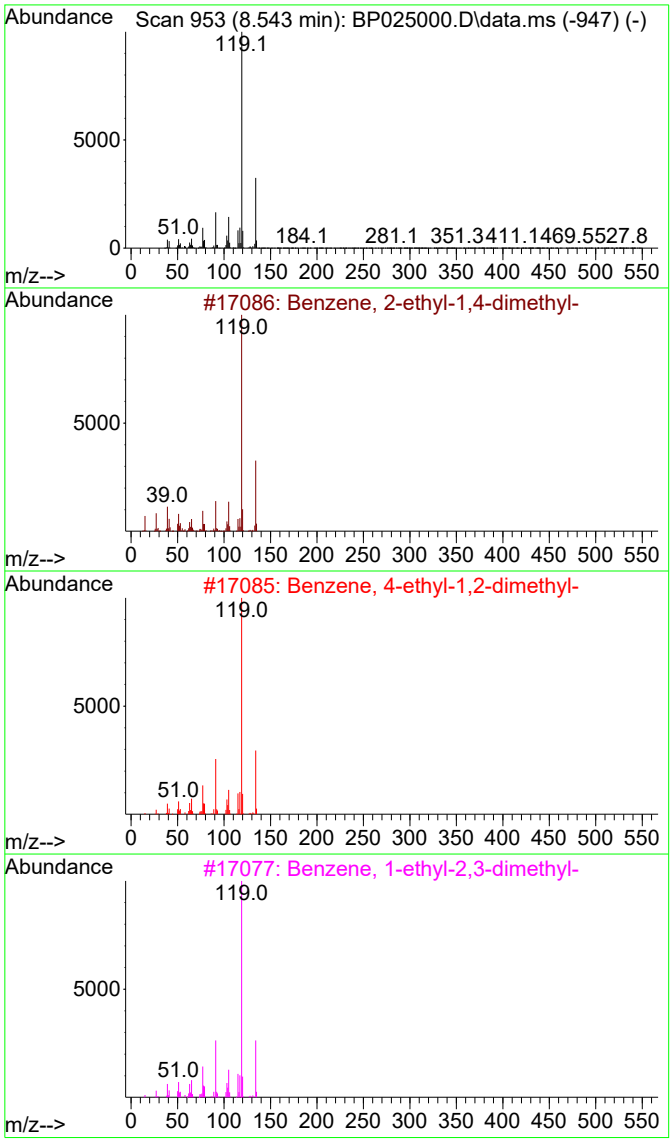
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

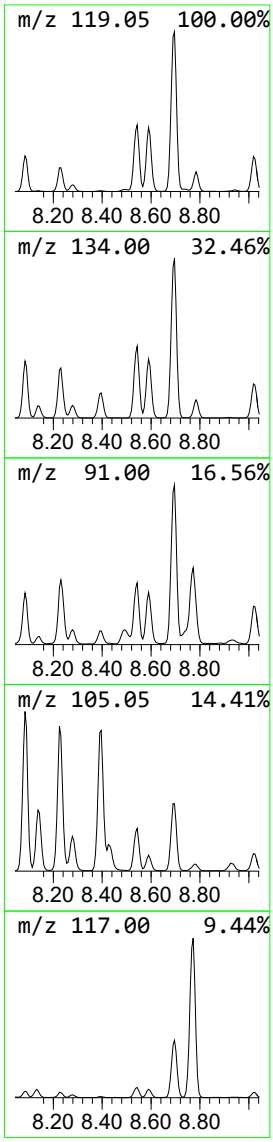
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.543	26.05 ng	2408680	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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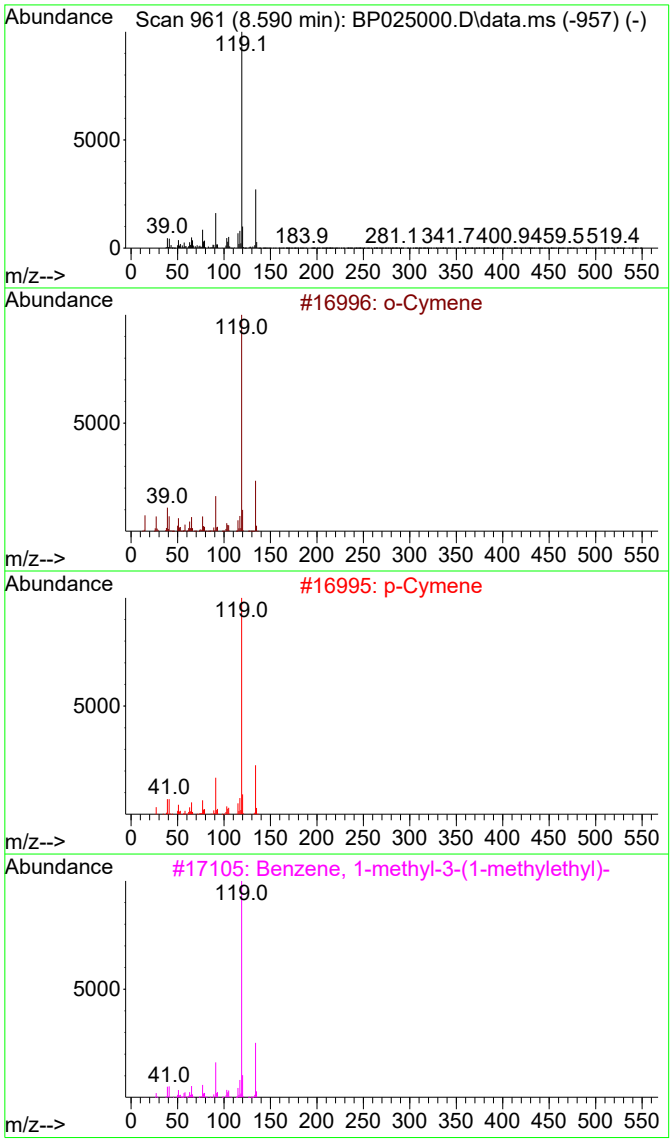
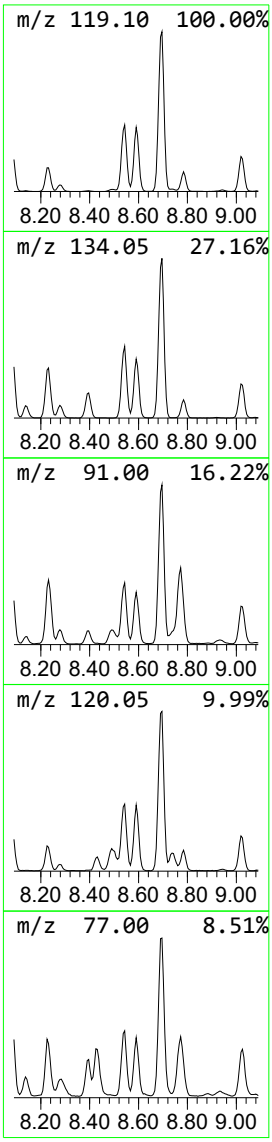
Peak Number 15 o-Cymene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.590	24.83 ng	2296260	1,4-Dichlorobenzene-d4	7.602

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	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

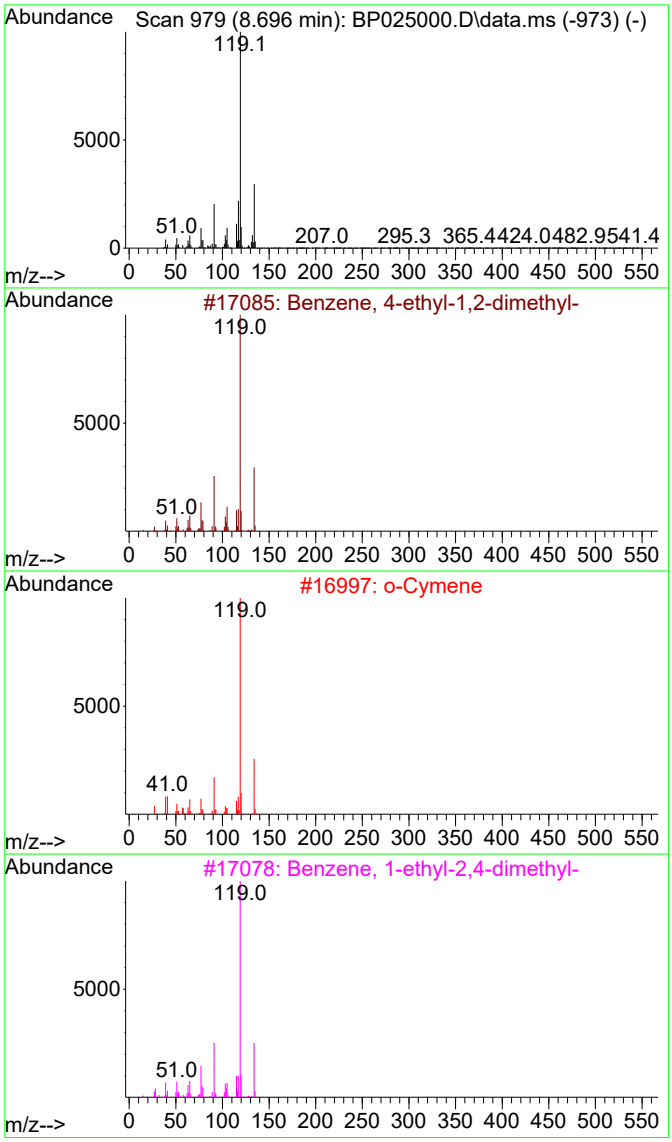
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

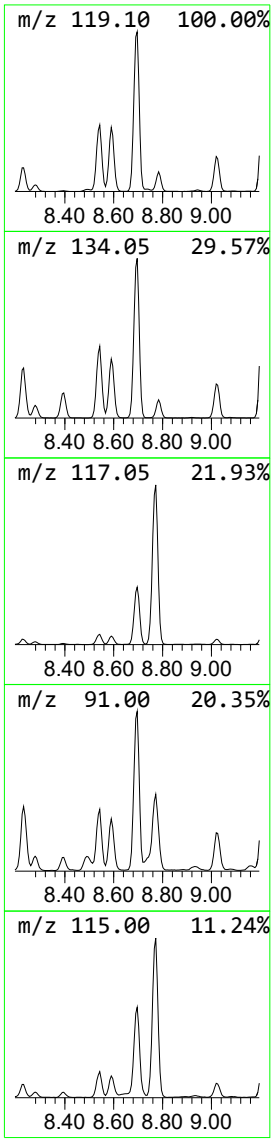
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.696	74.57 ng	6896040	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
MW-08

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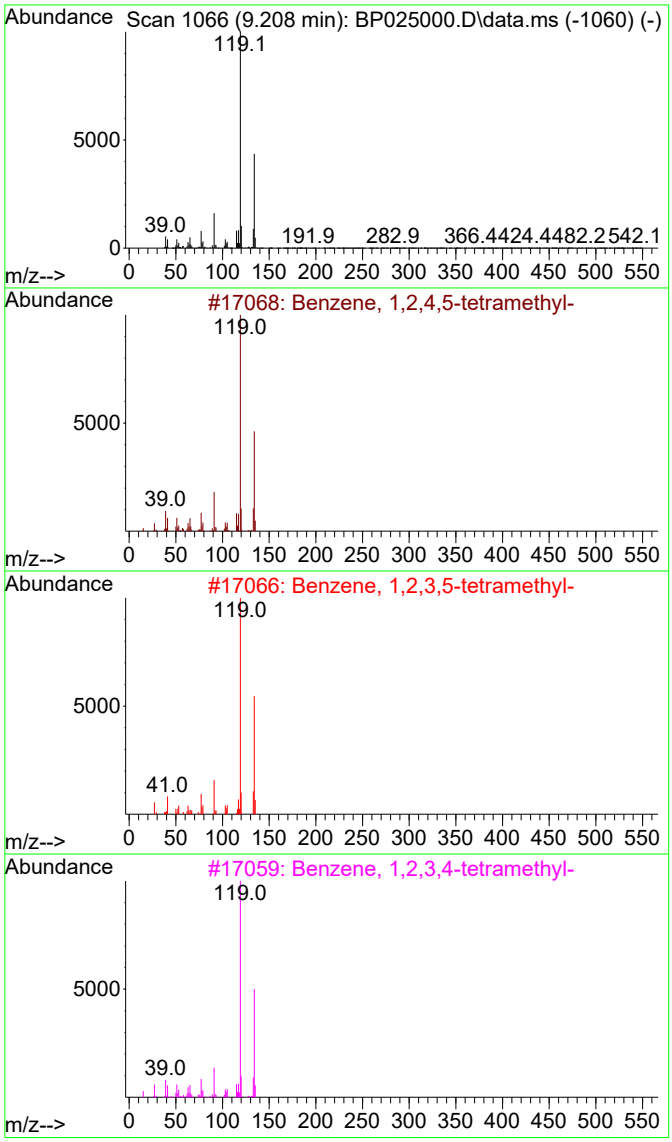
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

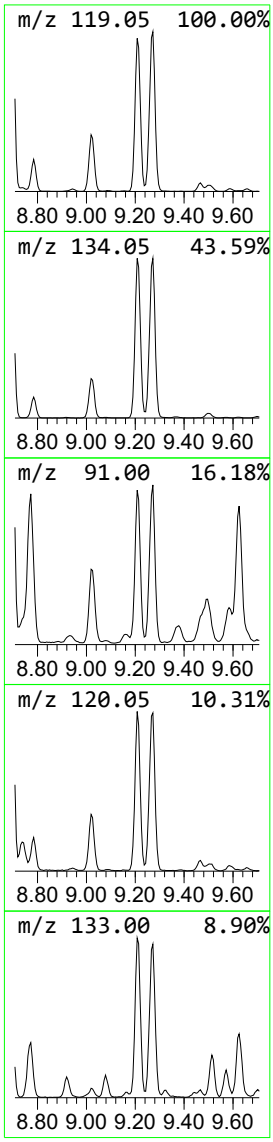
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.208	21.79 ng	3614250	Naphthalene-d8	10.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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ALS Vial : 15 Sample Multiplier: 1

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BNA_P
ClientSampleId :
MW-08

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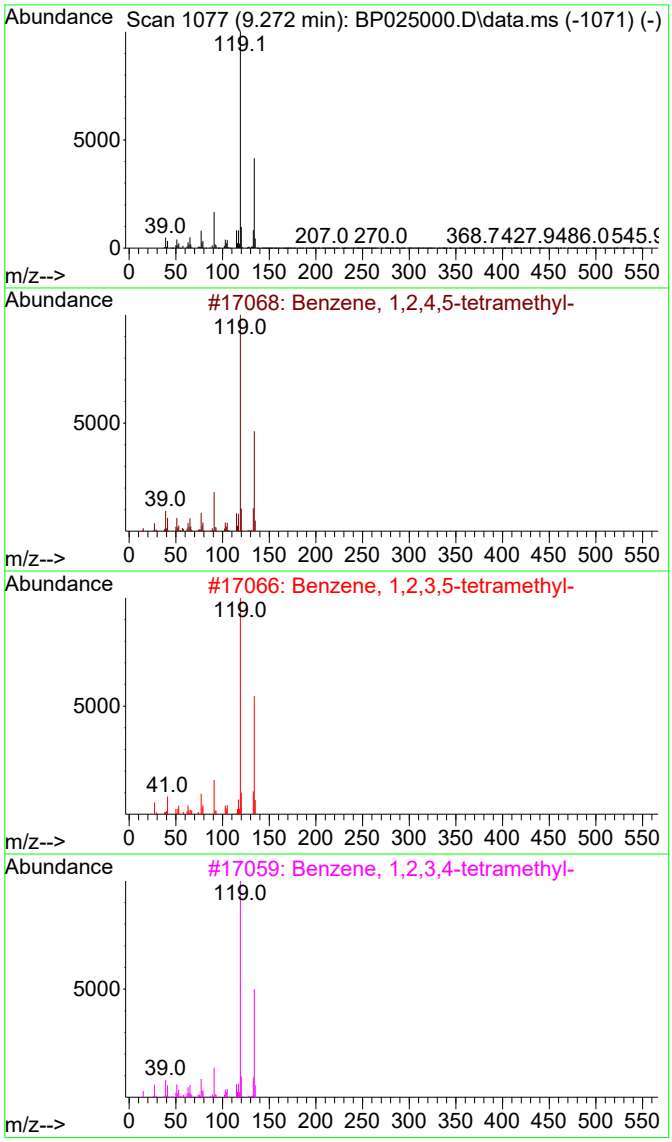
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

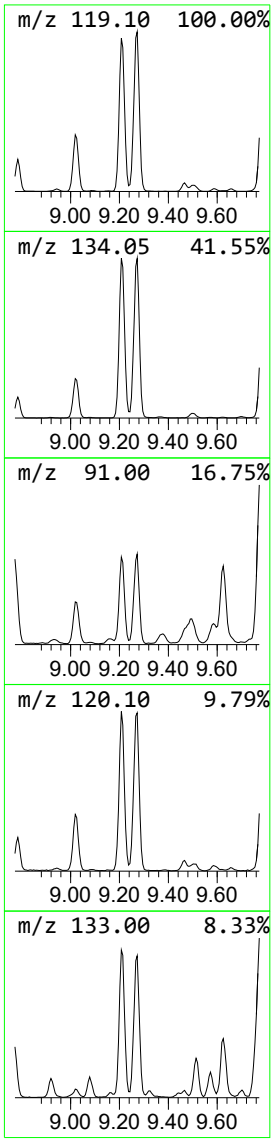
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.272	22.59 ng	3747610	Naphthalene-d8	10.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

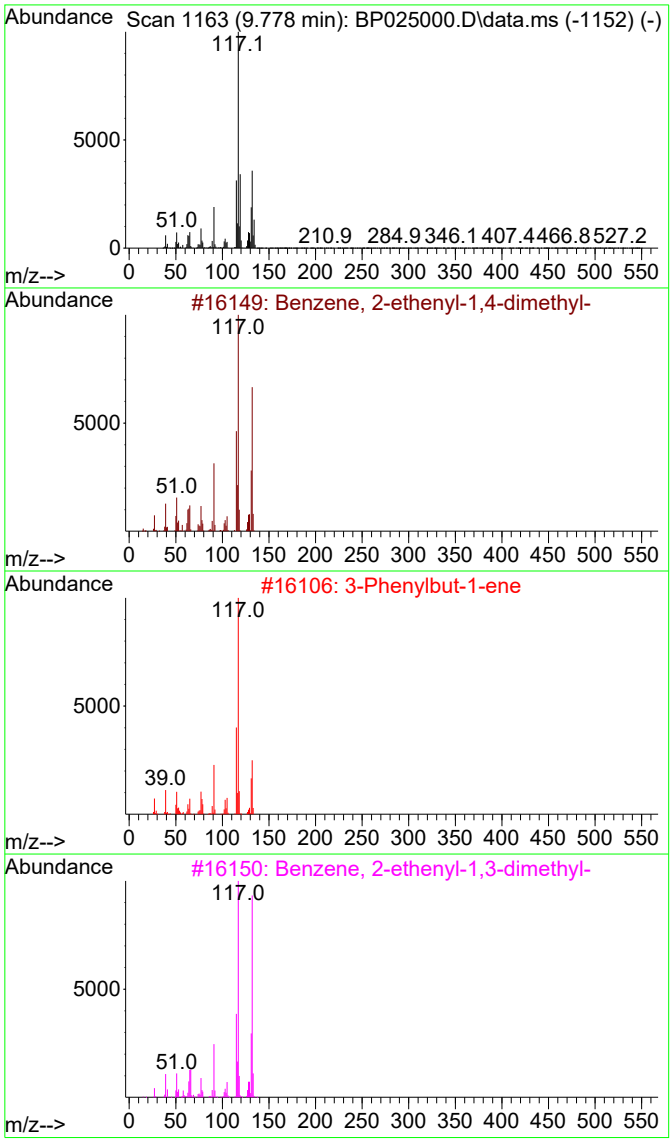
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

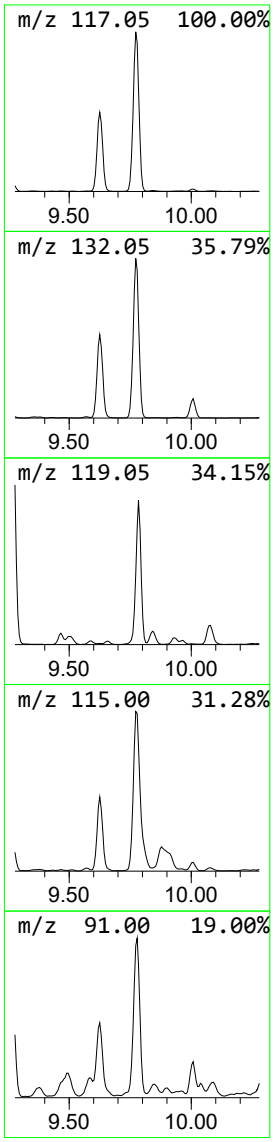
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.778	68.17 ng	11309200	Naphthalene-d8	10.372

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

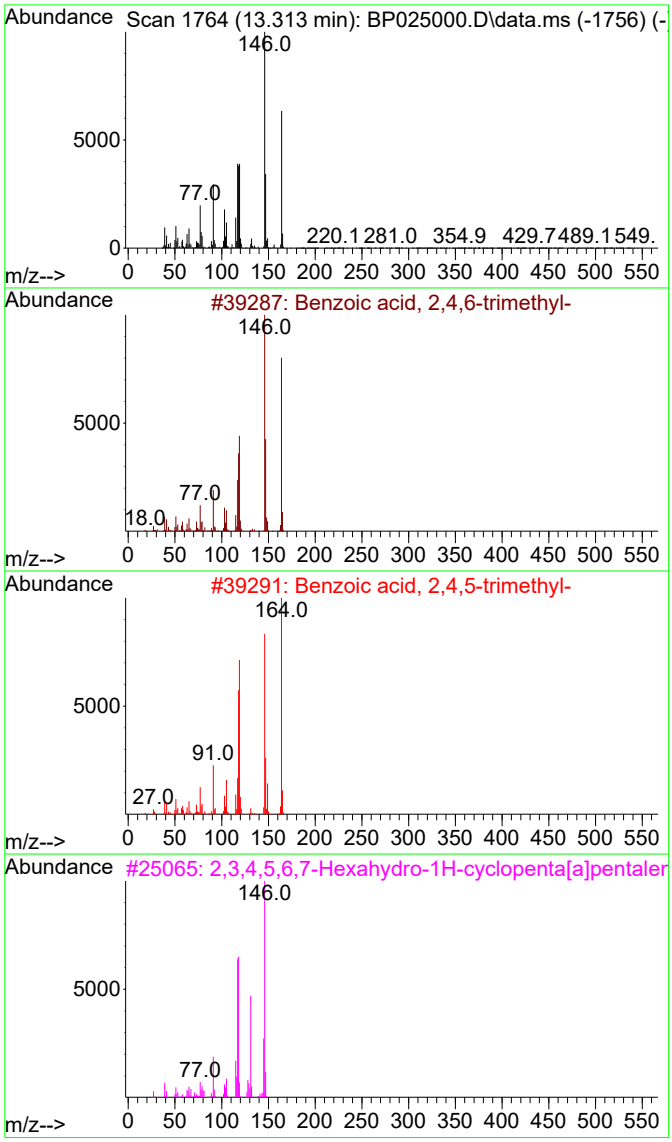
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

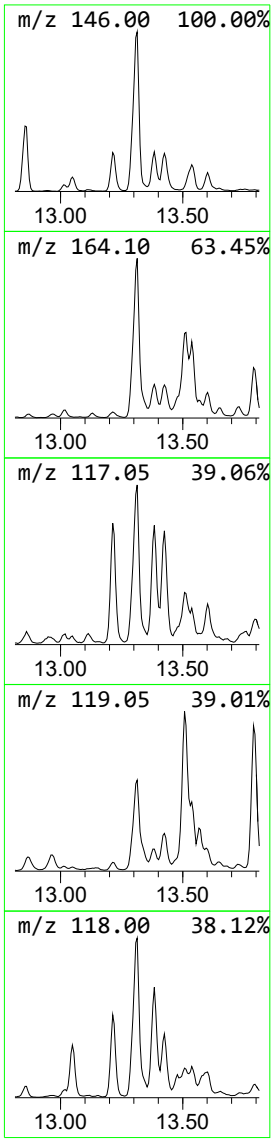
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzoic acid, 2,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.313	23.56 ng	5161600	Acenaphthene-d10	14.254

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	90
2	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	50
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	47
4	3-Bromo-1H-pyrazole	146	C3H3BrN2	014521-80-3	35
5	Pteridine, 7-methyl-	146	C7H6N4	000936-40-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP025000.D
Acq On : 18 Jun 2025 18:53
Operator : RC/JU
Sample : Q2333-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-08

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
1,3-Cyclopentad...	5.149	212.6	ng	19655300	1	7.602	1849490	20.0
Benzene, 1,3-di...	5.302	498.2	ng	46074200	1	7.602	1849490	20.0
Benzene, propyl-	6.590	29.4	ng	2714040	1	7.602	1849490	20.0
Benzene, 1-ethy...	6.702	55.5	ng	5127510	1	7.602	1849490	20.0
Benzene, 1-ethy...	6.755	106.5	ng	9851230	1	7.602	1849490	20.0
Benzene, 1-ethy...	6.996	132.7	ng	12271000	1	7.602	1849490	20.0
Benzene, 1,2,4-...	7.261	415.6	ng	38432900	1	7.602	1849490	20.0
Benzene, 1,2,3-...	7.714	166.9	ng	15430200	1	7.602	1849490	20.0
Indane	7.966	201.9	ng	18673900	1	7.602	1849490	20.0
Benzene, 1,3-di...	8.084	23.4	ng	2163670	1	7.602	1849490	20.0
Indene	8.131	25.8	ng	2388290	1	7.602	1849490	20.0
Benzene, 1,2-di...	8.231	23.2	ng	2149080	1	7.602	1849490	20.0
Benzene, 2-ethy...	8.543	26.1	ng	2408680	1	7.602	1849490	20.0
o-Cymene	8.590	24.8	ng	2296260	1	7.602	1849490	20.0
Benzene, 4-ethy...	8.696	74.6	ng	6896040	1	7.602	1849490	20.0
Benzene, 1,2,4,...	9.208	21.8	ng	3614250	2	10.372	3317740	20.0
Benzene, 1,2,3,...	9.272	22.6	ng	3747610	2	10.372	3317740	20.0
Benzene, 2-ethe...	9.778	68.2	ng	11309200	2	10.372	3317740	20.0
Benzoic acid, 2...	13.313	23.6	ng	5161600	3	14.254	4381800	20.0