LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-1R

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008651.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.611	102	106	113	rVB2	790575	1171929	1.13%	0.111%
2	3.811	128	140	143	rBV2	823310	1733505	1.67%	0.164%
3	3.869	147	150	155	rVB2	891500	1173484	1.13%	0.111%
4	4.122	190	193	201	rVB	889394	1265234	1.22%	0.120%
5	4.952	327	334	340	rBV	685257	1135090	1.09%	0.108%
6	5.081	347	356	359	rBV2	1104028	1988617	1.91%	0.188%
7	5.193	367	375	380	rVV	920947	1395856	1.34%	0.132%
8	5.410	403	412	419	rBV2	31496879	56819490	54.59%	5.382%
9	5.481	419	424	428	rBV	3391800	5438477	5.23%	0.515%
10	5.563	428	438	439	rBV4	41825221	104079062	100.00%	9.858%
11	5.905	491	496	503	rVB	9012681	13650786	13.12%	1.293%
12	6.381	568	577	586	rBV	3560928	5713185	5.49%	0.541%
13	6.640	609	621	623	rBV3	1010318	2394608	2.30%	0.227%
14	6.875	654	661	668	rBV	5568099	8807361	8.46%	0.834%
15	6.993	668	681	685	rVV2	29591974	54300281	52.17%	5.143%
16	7.052	685	691	697	rVV	23005039	41285626	39.67%	3.911%
17	7.122	697	703	712	rVB	18637147	30329961	29.14%	2.873%
18	7.293	721	732	738	rBV	24841301	42833228	41.15%	4.057%
19	7.563	763	778	784	rVV2	42437800	97466114	93.65%	9.232%
20	7.893	828	834	838	rBV	1778676	2907603	2.79%	0.275%
21	7.940	838	842	847	rVB	1007088	1521167	1.46%	0.144%
22	8.016	847	855	862	rBV2	28714045	53856910	51.75%	5.101%
23	8.169	872	881	885	rBV2	1070819	1961111	1.88%	0.186%
24	8.275	892	899	906	rVB2	29877048	54749836	52.60%	5.186%
25	8.387	912	918	922	rBV	2771133	4458137	4.28%	0.422%
26	8.446	922	928	934	rVV2	3660477	6585790	6.33%	0.624%
27	8.534	934	943	949	rVV	6833108	11498849	11.05%	1.089%
28	8.587	949	952	958	rVV	697392	1053453	1.01%	0.100%
29	8.657	958	964	968	rVV	2101461	3615433	3.47%	0.342%
30	8.699	968	971	978	rVB	2024787	3265497	3.14%	0.309%
31	8.851	984	997	1001	rBV	4711216	7776199	7.47%	0.737%
32	8.904	1001	1006	1011	rVV	3960404	6519735	6.26%	0.618%
33	9.004	1011	1023	1027	rVV	9702237	17671397	16.98%	1.674%
34	9.046	1027	1030	1033	rVV	4466806	7413318	7.12%	0.702%
35	9.081	1033	1036	1047	rVB2	5446959	8948561	8.60%	0.848%
36	9.334	1071	1079	1087	rVV	2471749	4817705	4.63%	0.456%

LSC Area Percent Report

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Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.528	1101	1112	1116	rBV	4537987	7658048	7.36%	0.725%
38	9.587	1116	1122	1130	rVB	6691147	10656601	10.24%	1.009%
39	9.663	1130	1135	1143	rBV	706014	1193649	1.15%	0.113%
40	9.746	1143	1149	1161	rVV2	3476920	6794811	6.53%	0.644%
41	9.869	1166	1170	1172	rVV	1618319	2444600	2.35%	0.232%
42	9.904	1172	1176	1179	rVV2	2728415	4783147	4.60%	0.453%
43	9.946	1179	1183	1195	rVB	5693288	9956866	9.57%	0.943%
44	10.093	1195	1208	1218	rBV2	11501124	24634887	23.67%	2.333%
45	10.198	1218	1226	1237	rVB4	1256029	4224848	4.06%	0.400%
46	10.328	1243	1248	1253	rVB	1223967	1897495	1.82%	0.180%
47	10.398	1253	1260	1268	rVB2	649935	1350425	1.30%	0.128%
48	10.693	1301	1310	1313	rBV2	2710100	5405075	5.19%	0.512%
49	10.757	1313	1321	1327	rVV2	33190314	72590286	69.75%	6.876%
50	10.857	1334	1338	1344	rVB	1574521	2709243	2.60%	0.257%
51	11.145	1378	1387	1394	rBV2	978659	2017158	1.94%	0.191%
52	11.245	1395	1404	1405	rBV3	1150856	2016508	1.94%	0.191%
53	11.322	1406	1417	1438	rVB2	5301930	18880703	18.14%	1.788%
54	11.534	1445	1453	1458	rBV3	1078307	2087043	2.01%	0.198%
55	11.610	1462	1466	1470	rVV	691607	1139271	1.09%	0.108%
56	11.669	1470	1476	1482	rVV2	1955404	3499668	3.36%	0.331%
57	11.798	1490	1498	1507	rVB4	809892	2442548	2.35%	0.231%
58	12.081	1538	1546	1556	rVB	16066755	28588519	27.47%	2.708%
59	12.240	1563	1573	1579	rVB3	1621957	3391242	3.26%	0.321%
60	12.351	1585	1592	1597	rBV	12354249	19588189	18.82%	1.855%
61	12.410	1597	1602	1606	rVB3	1759678	3250781	3.12%	0.308%
62	12.569	1615	1629	1634	rBV2	10607205	17931946	17.23%	1.698%
63	12.698	1645	1651	1655	rBV3	616495	1286069	1.24%	0.122%
64	12.898	1676	1685	1689	rBV2	590399	1317662	1.27%	0.125%
65	12.981	1695	1699	1705	rVB	655099	1047247	1.01%	0.099%
66	13.145	1722	1727	1734	rVB	13140246	19525043	18.76%	1.849%
67	13.263	1738	1747	1750	rBV	889757	1712353	1.65%	0.162%
68	13.298	1750	1753	1760	rVV2	1124582	2071851	1.99%	0.196%
69	13.651	1809	1813	1816	rVV3	779646	1476245	1.42%	0.140%
70	13.687	1816	1819	1824	rVV4	870148	1816232	1.75%	0.172%
71	13.757	1828	1831	1839	rVV2	818468	1457541	1.40%	0.138%
72	13.839	1839	1845	1849	rVV	570346	1122791	1.08%	0.106%
73	14.163	1894	1900	1908	rBV4	753118	1656912	1.59%	0.157%
74	14.339	1923	1930	1937	rVB	2162382	3521794	3.38%	0.334%
75	14.522	1951	1961	1974	rVB	3775656	6748599	6.48%	0.639%
76	14.698	1985	1991	1994	rBV	1394046	2259890	2.17%	0.214%

LSC Area Percent Report

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Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

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-BP122821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.739	1994	1998	2004	rVB	1232448	1964885	1.89%	0.186%
78	15.269	2079	2088	2093	rBV	5504725	10637644	10.22%	1.008%
79	15.428	2111	2115	2129	rVB2	638252	1336168	1.28%	0.127%
80	16.010	2207	2214	2219	rBV	9384728	13912329	13.37%	1.318%
81	16.398	2273	2280	2291	rVB	750455	1570682	1.51%	0.149%
82	17.269	2421	2428	2433	rBV	4157288	5878731	5.65%	0.557%
83	18.163	2576	2580	2588	rBV	1640045	2283445	2.19%	0.216%
84	19.392	2785	2789	2797	rBV	1092477	1544225	1.48%	0.146%
85	19.827	2857	2863	2872	rVB	16143185	20608787	19.80%	1.952%
86	21.063	3070	3073	3081	rVB	1356773	1647663	1.58%	0.156%
87	21.351	3117	3122	3128	rBV	5350913	6762702	6.50%	0.641%
88	23.774	3527	3534	3543	rVB2	3757212	7858584	7.55%	0.744%

Sum of corrected areas: 1055762226

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
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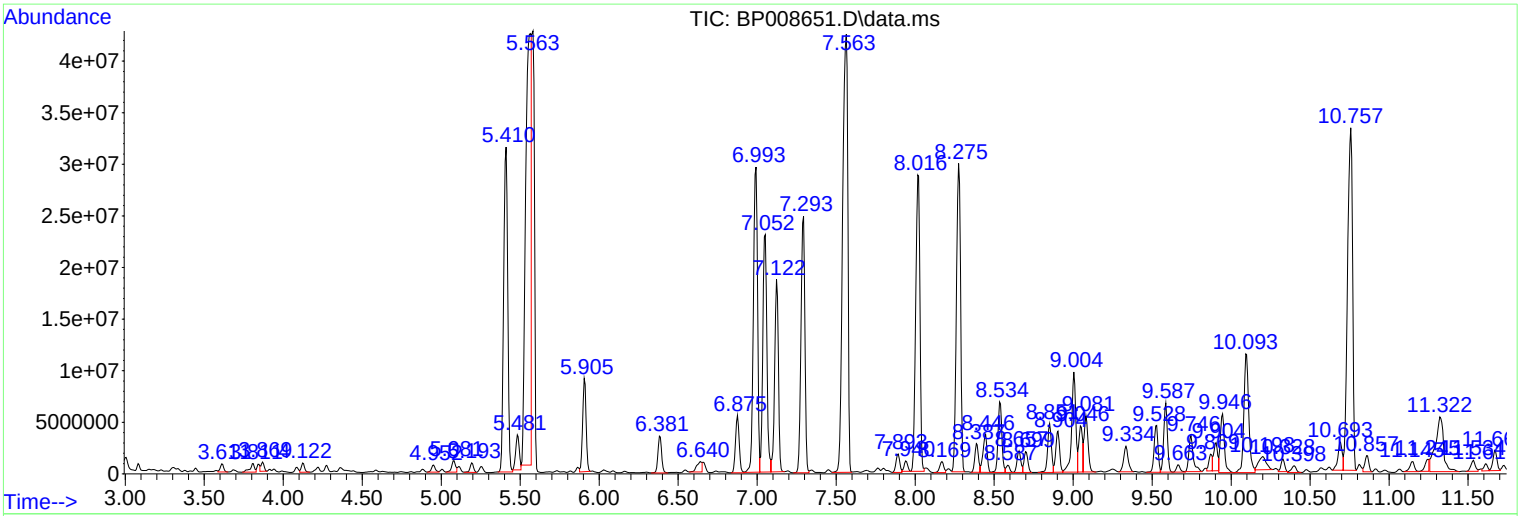
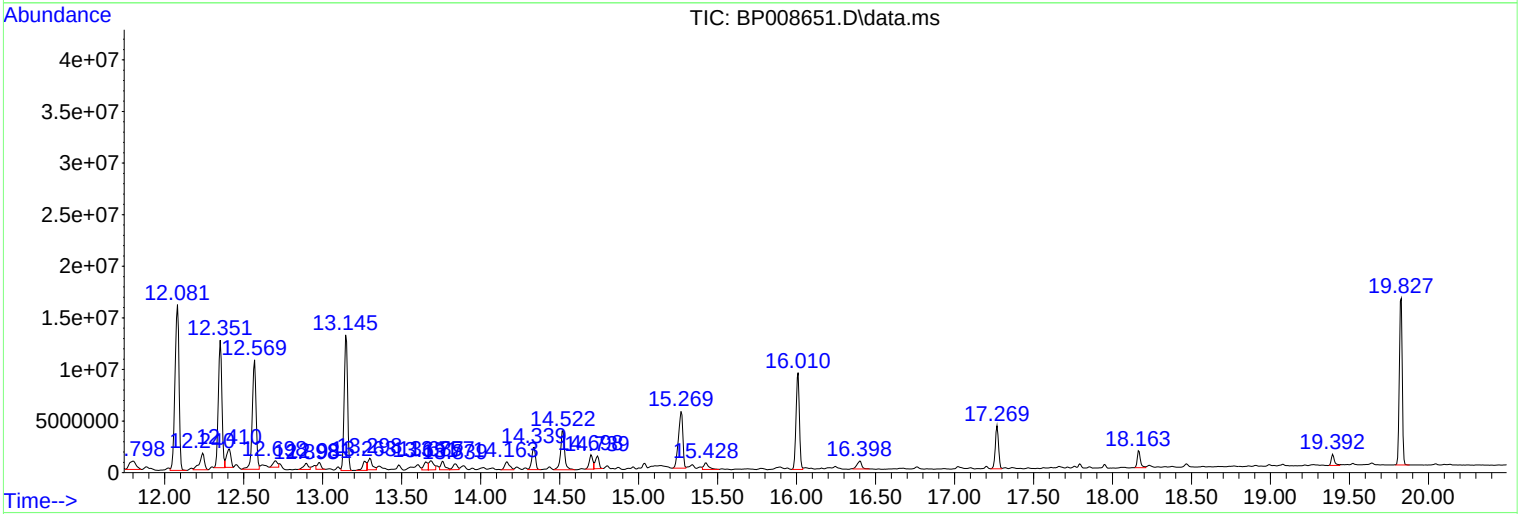
Misc :
ALS Vial : 20 Sample Multiplier: 1

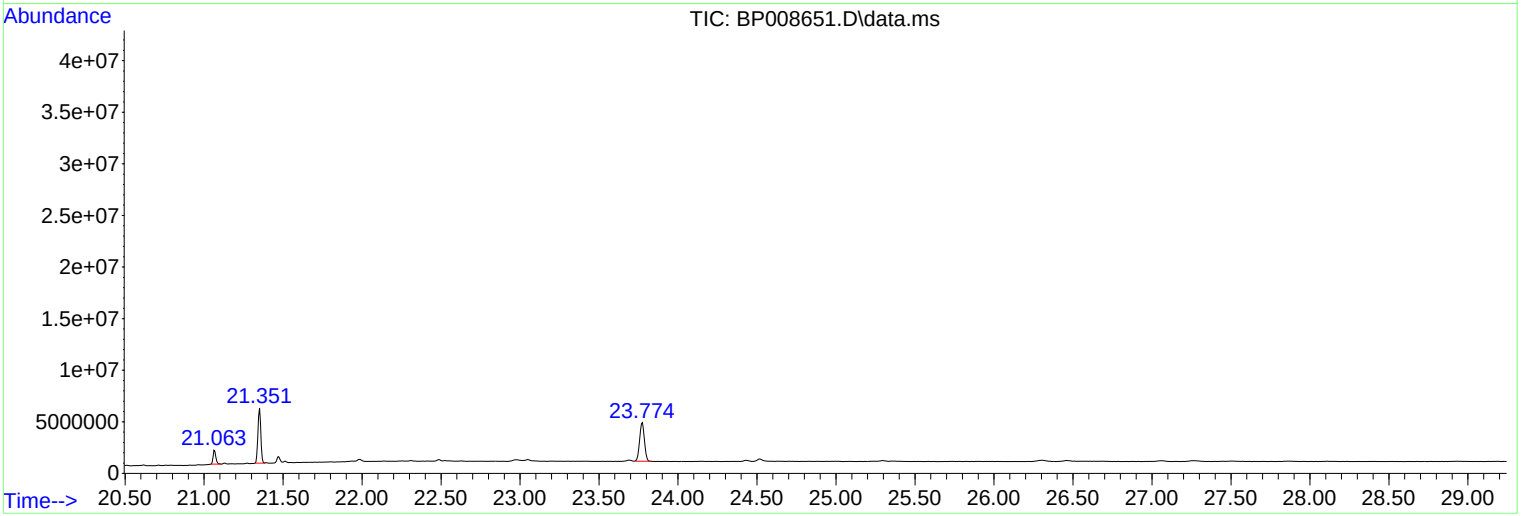
Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

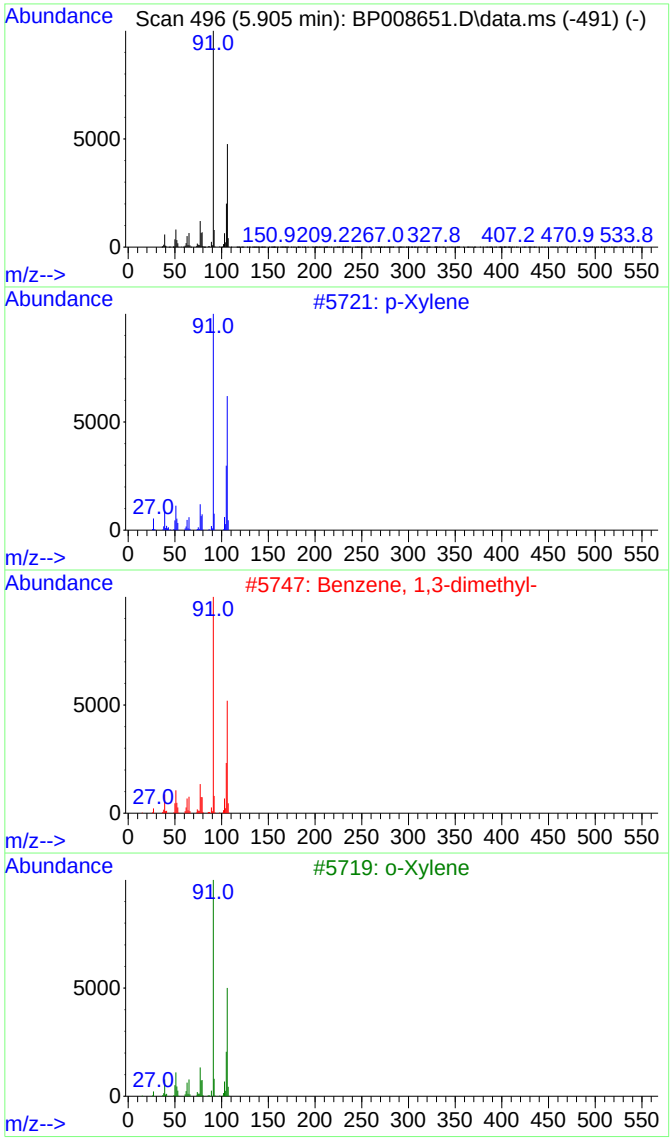
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

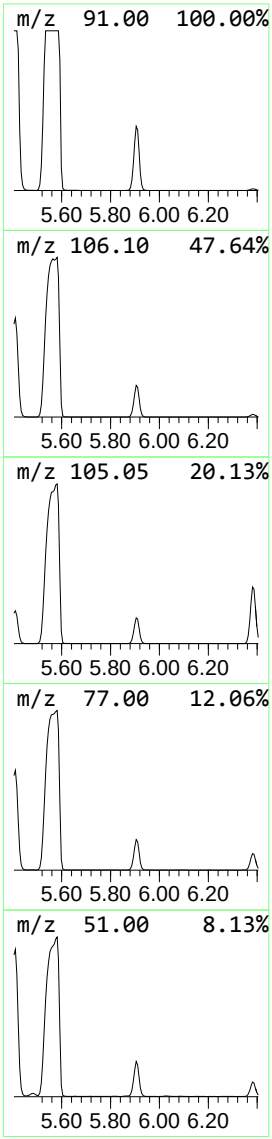
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.905	93.90 ng	13650800	1,4-Dichlorobenzene-d4	7.893

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	87
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

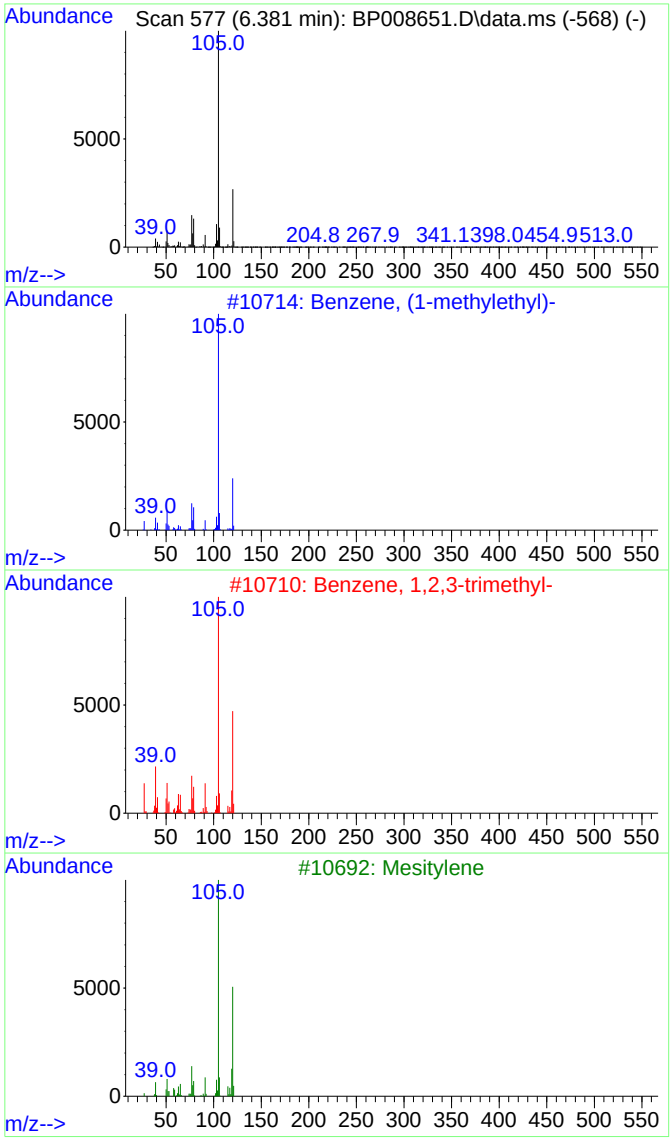
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

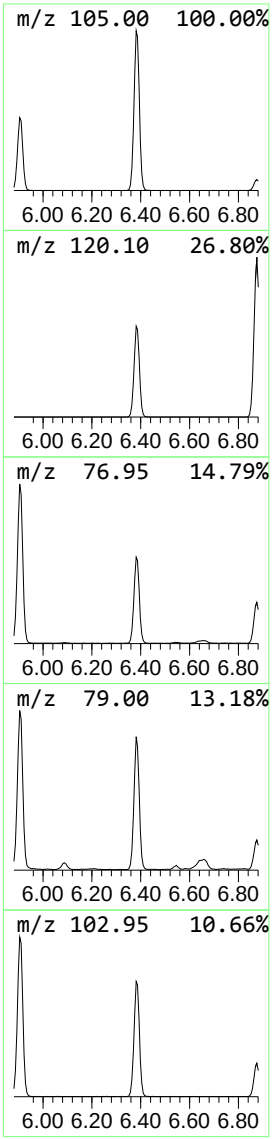
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.381	39.30 ng	5713190	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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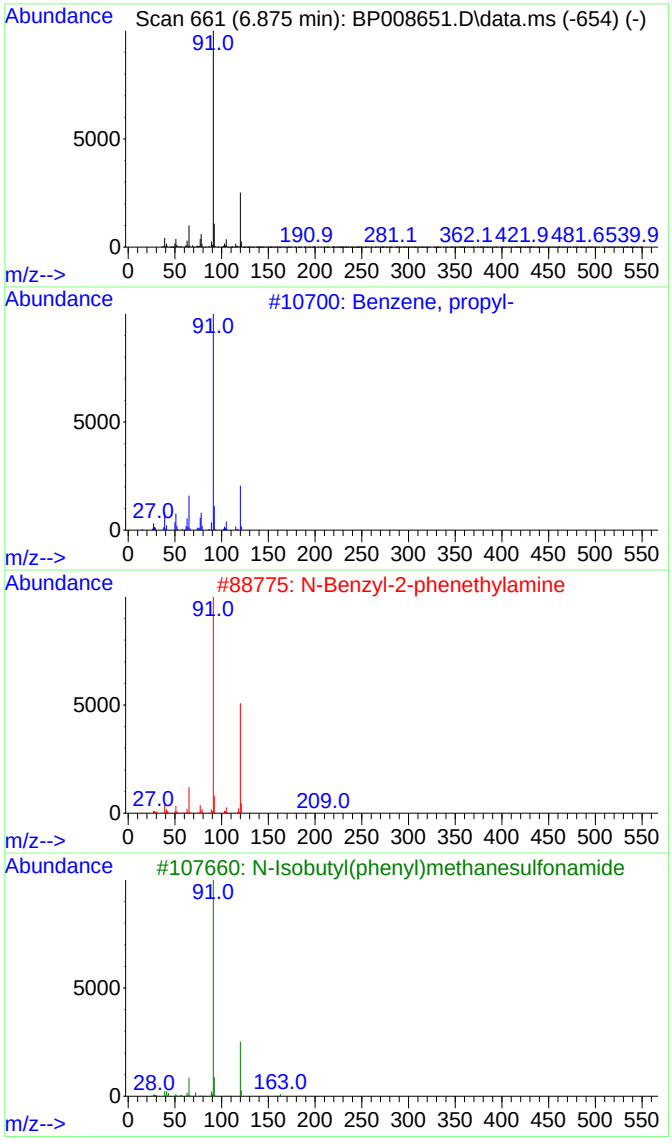
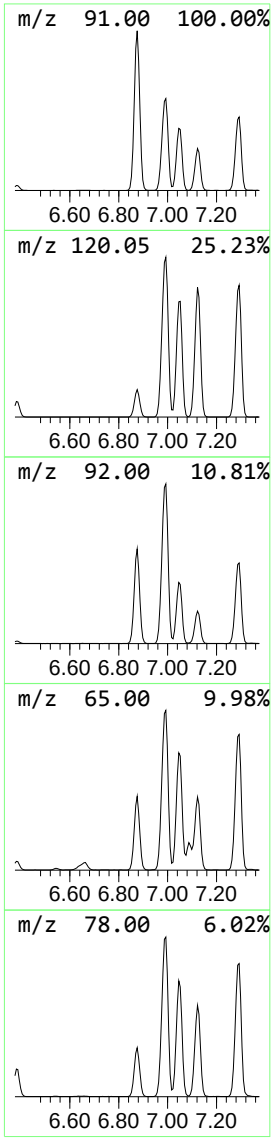
Peak Number 5 Benzene, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.875	60.58 ng	8807360	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Propanenitrile, 3-[(phenylmethyl...	160	C10H12N2	000706-03-6	64





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Misc :
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Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

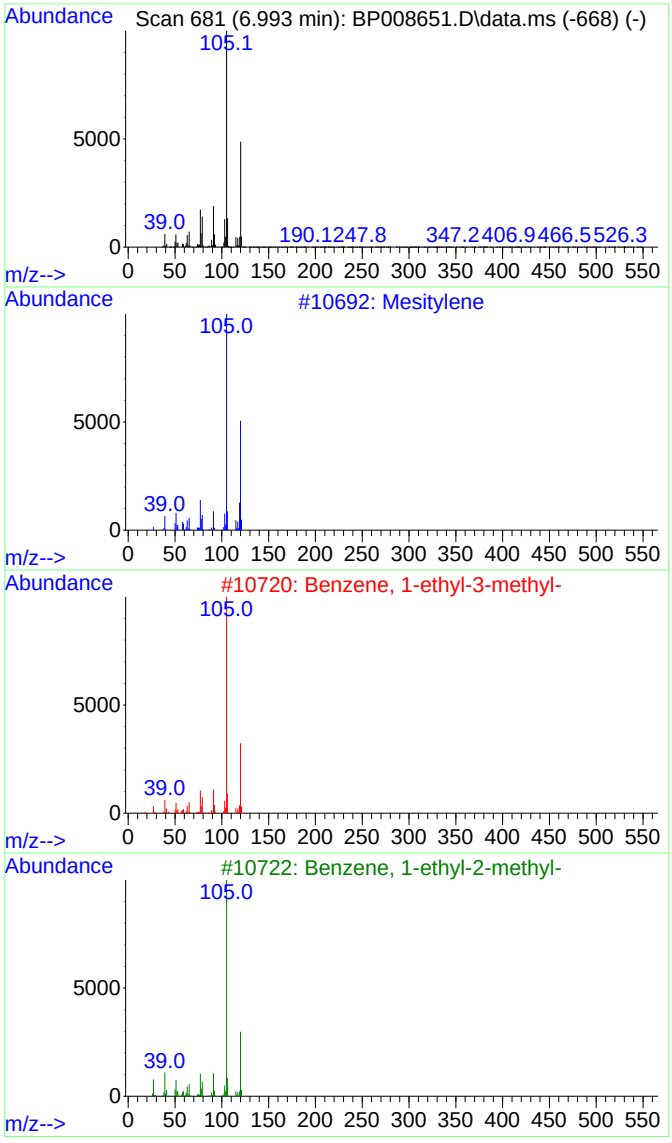
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

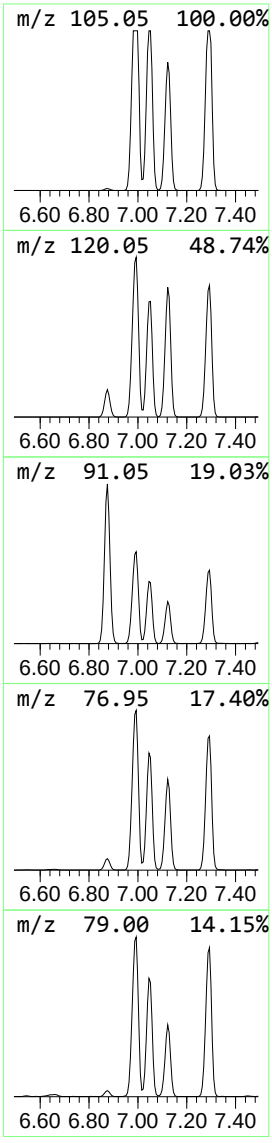
****

Peak Number 6 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	373.51 ng	54300300	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	90
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

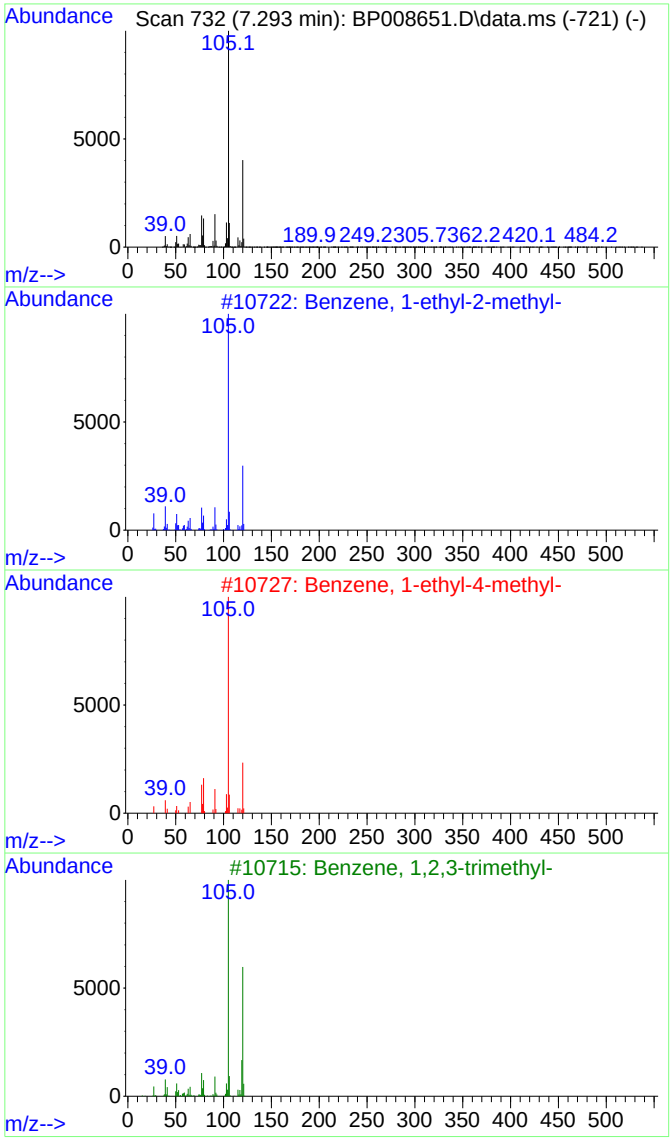
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

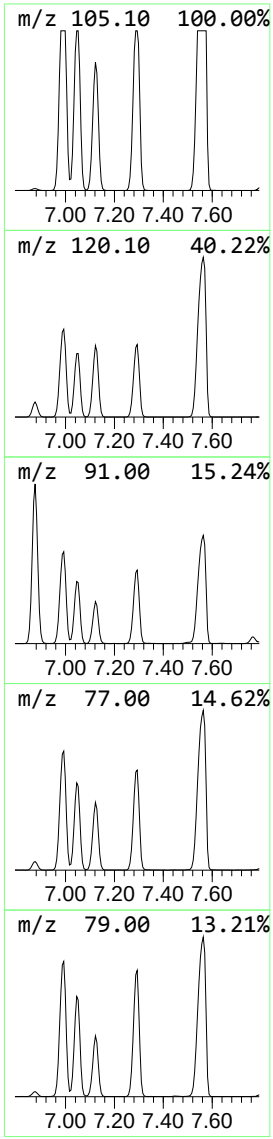
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.293	294.63 ng	42833200	1,4-Dichlorobenzene-d4	7.893

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	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





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Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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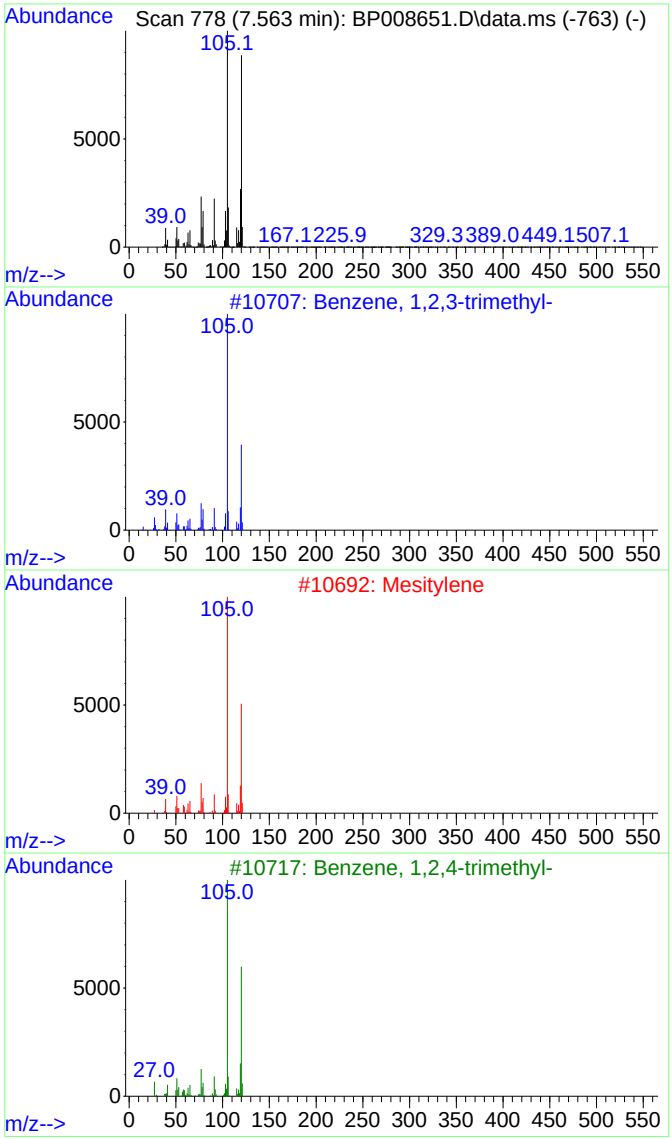
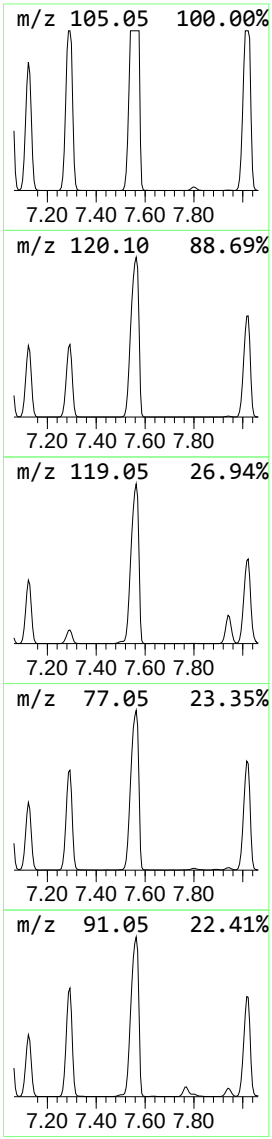
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.563	670.42 ng	97466100	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5	1,3-Cyclopentadiene, 5-(1-methyl...	120	C9H12	003141-02-4	80





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Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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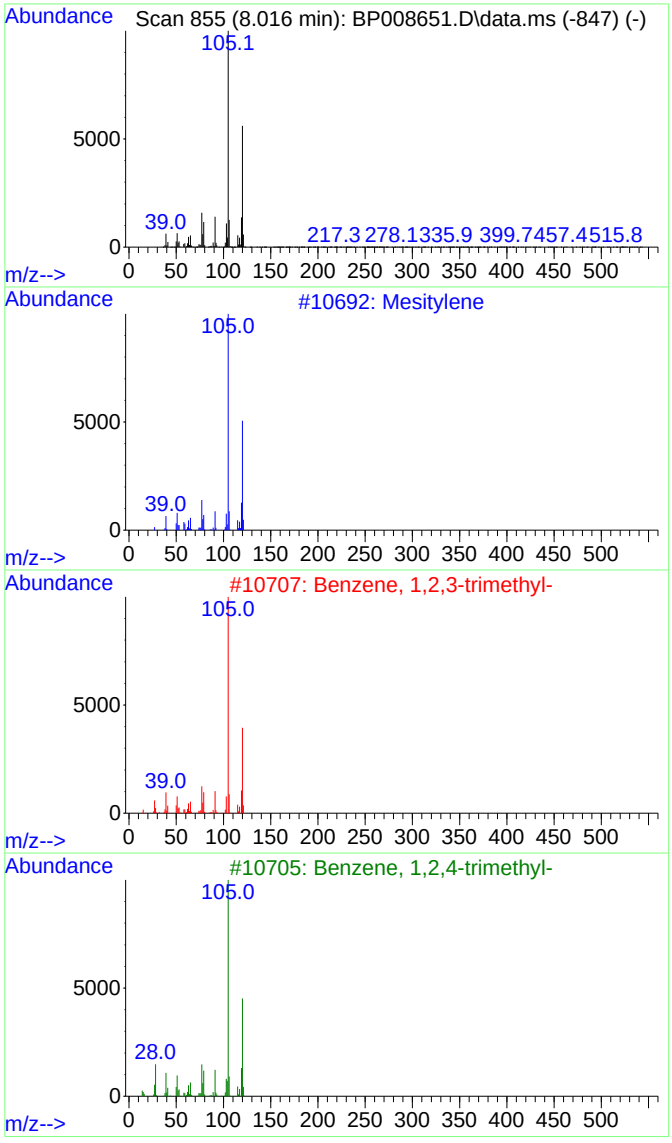
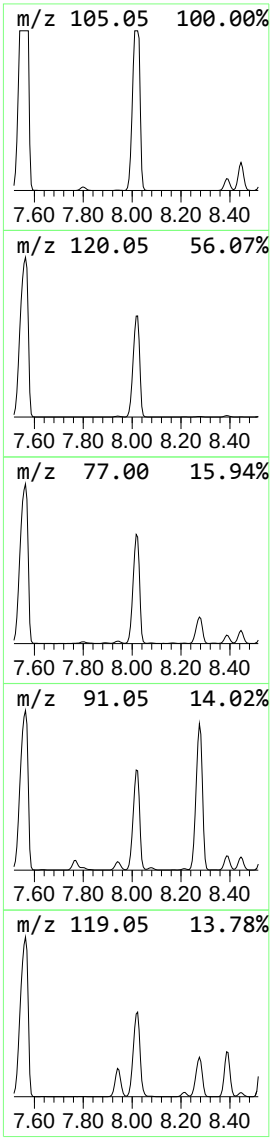
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.016	370.46 ng	53856900	1,4-Dichlorobenzene-d4	7.893

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





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Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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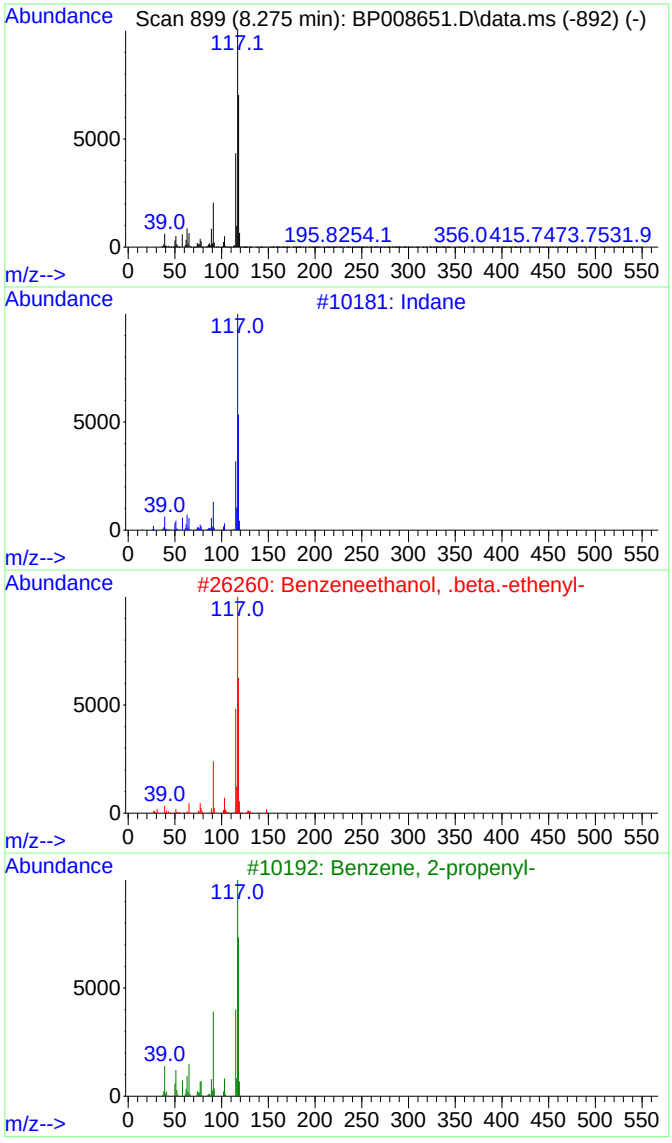
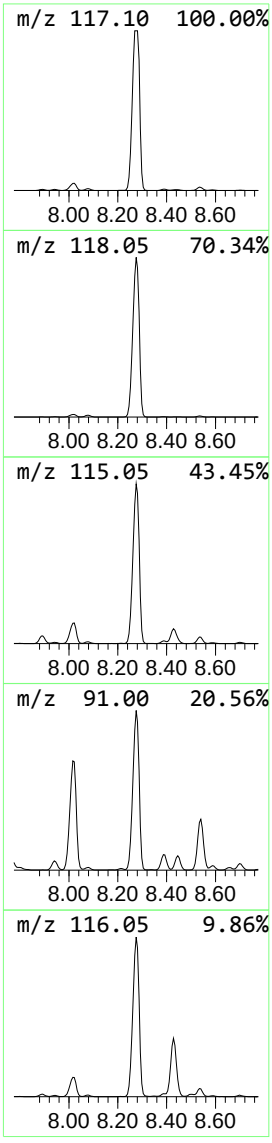
Peak Number 10 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.275	376.60 ng	54749800	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	68





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Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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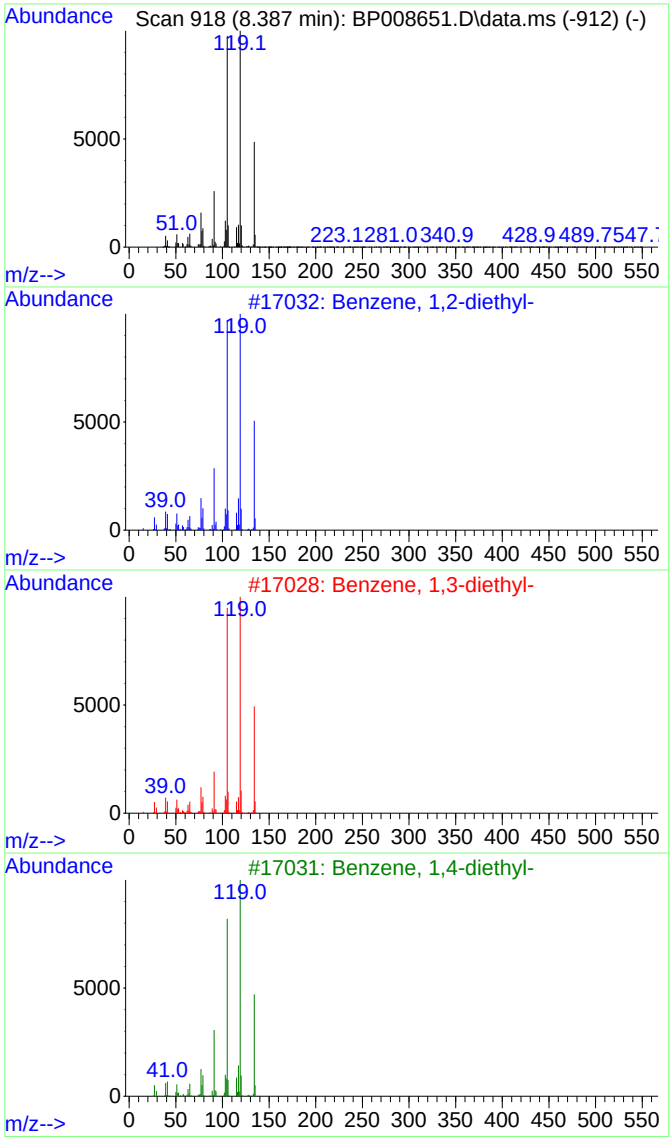
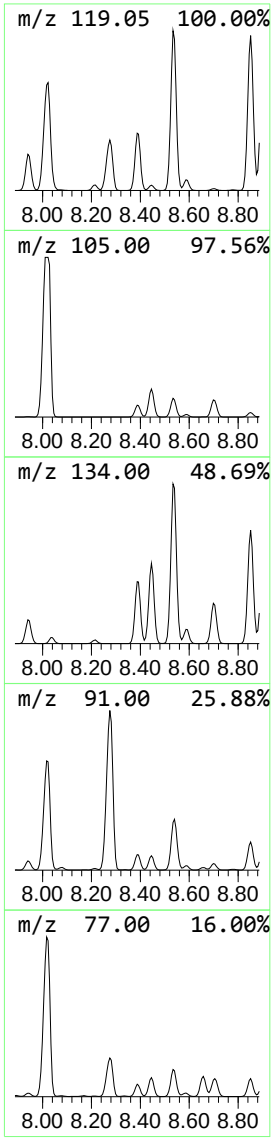
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.387	30.67 ng	4458140	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	83





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Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

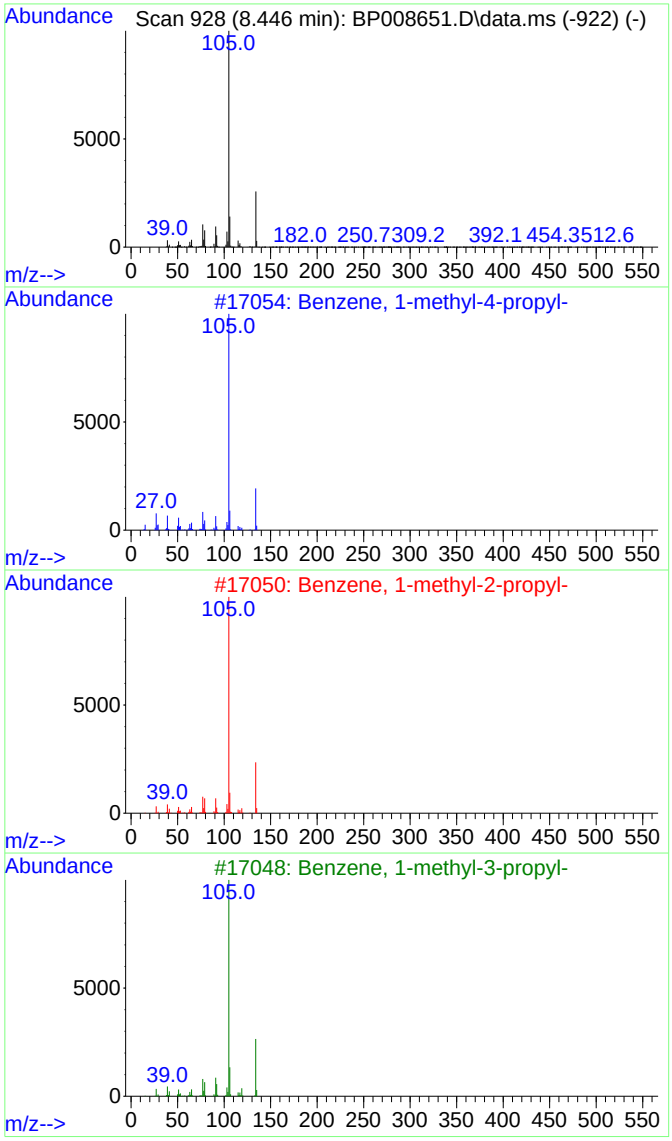
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

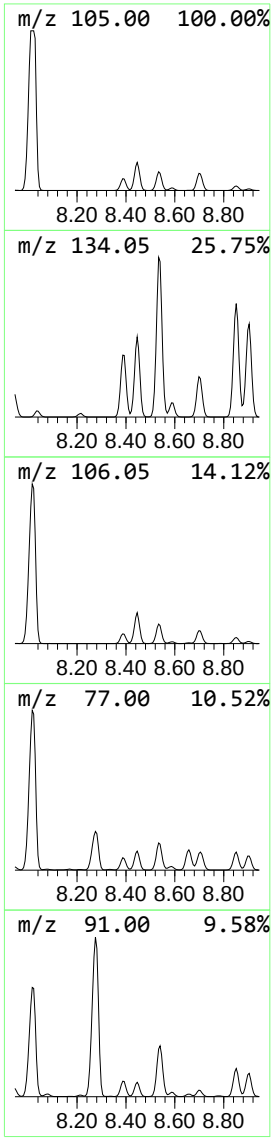
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-methyl-4-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.446	45.30 ng	6585790	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	86
5	2-Tolyloxirane	134	C9H10O	002783-26-8	83





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Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

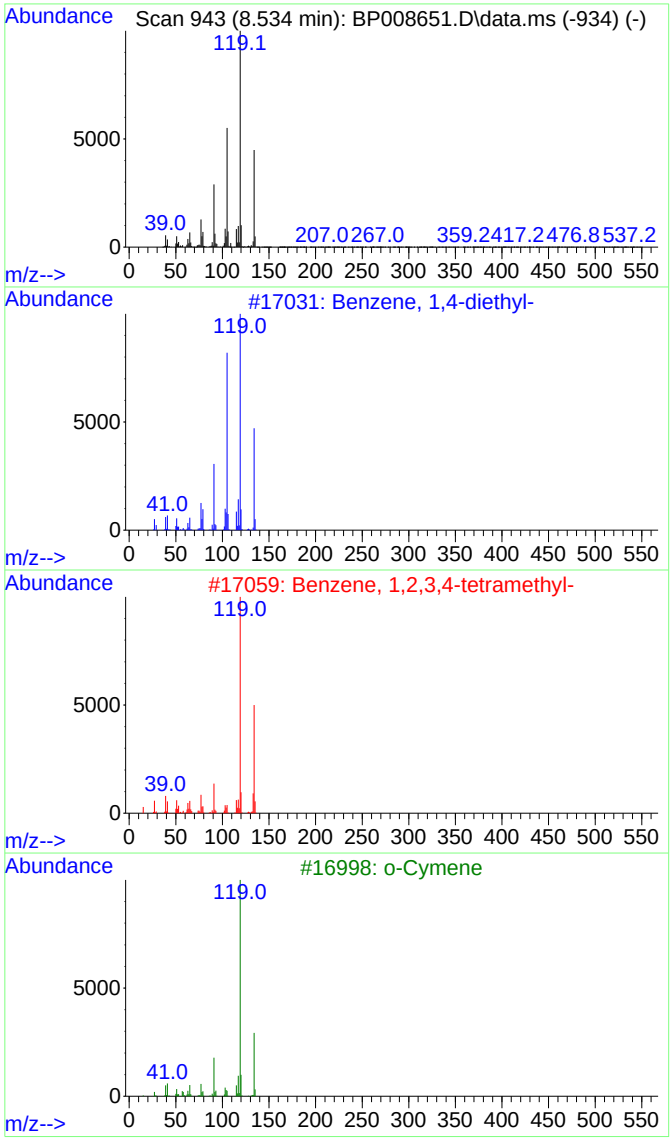
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

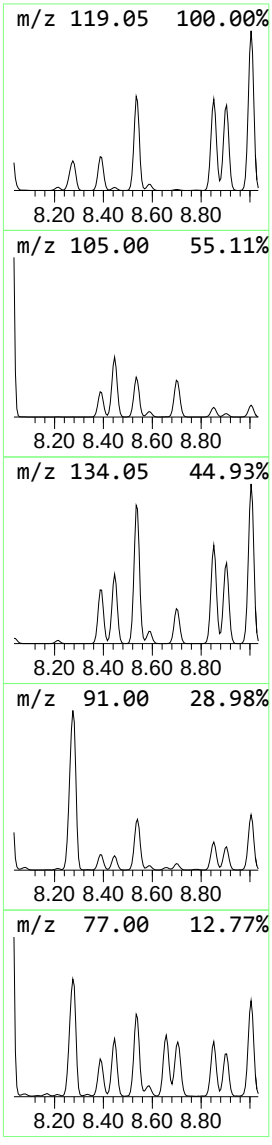
****

Peak Number 13 Benzene, 1,4-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.534	79.09 ng	11498800	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





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Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

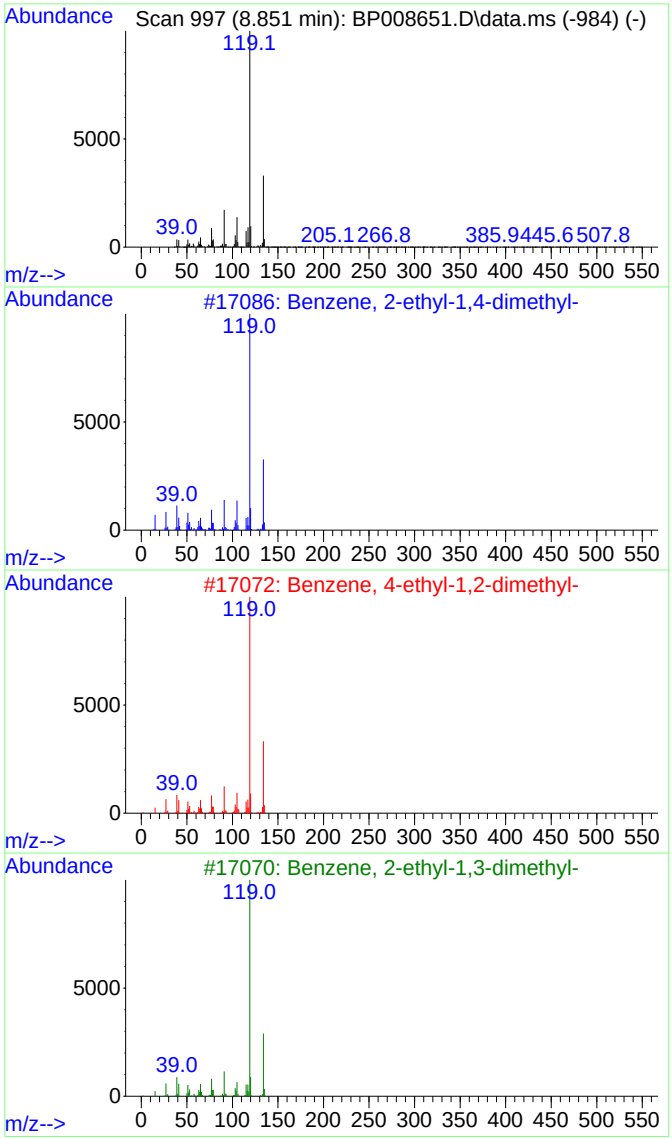
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

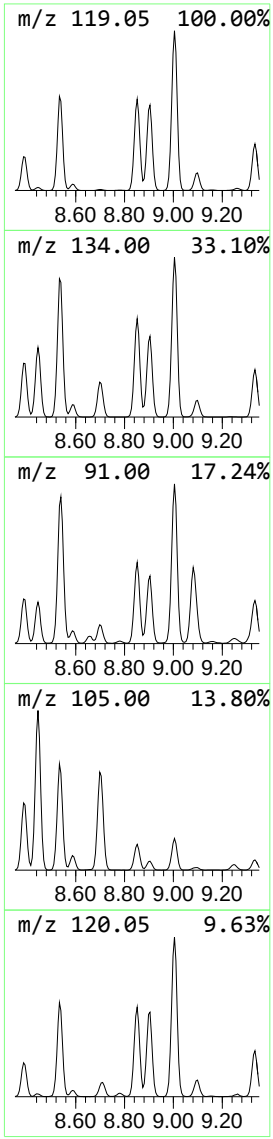
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	53.49 ng	7776200	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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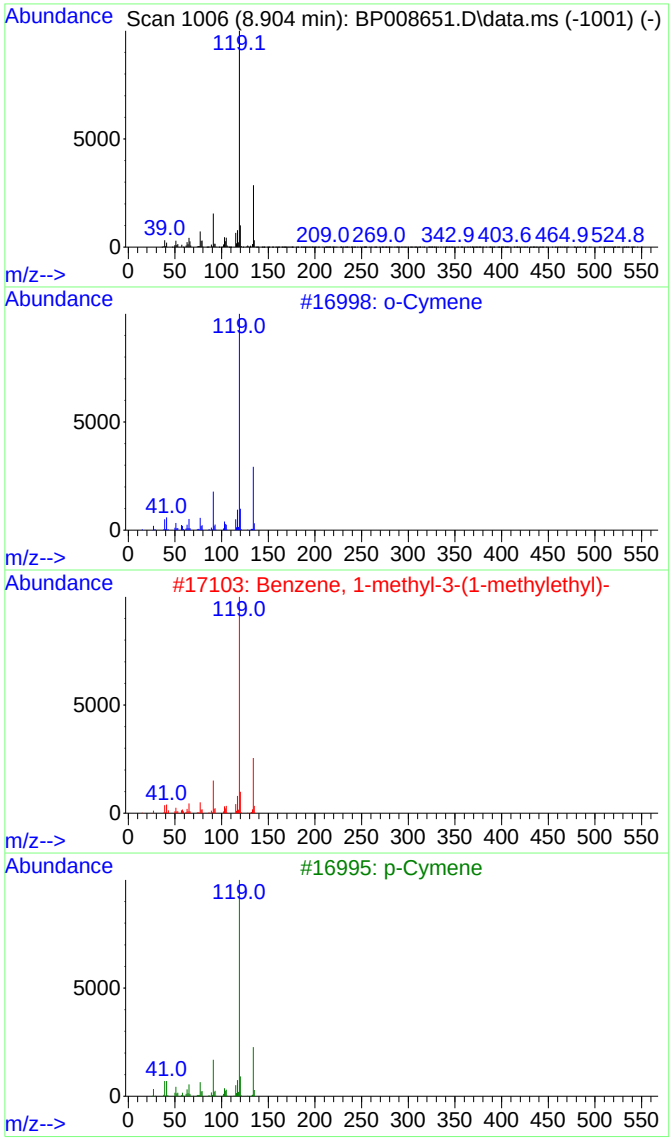
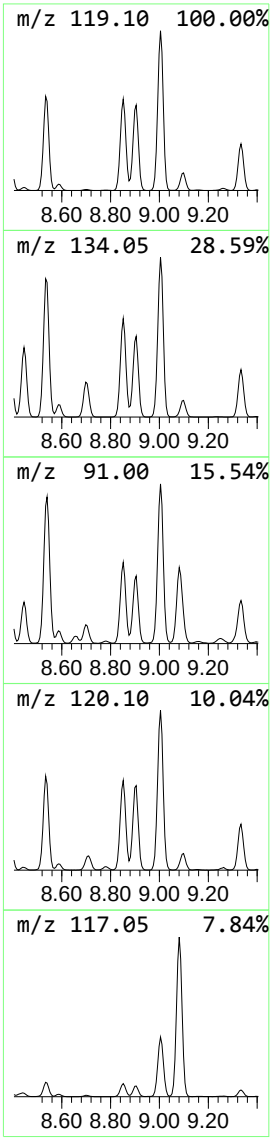
Peak Number 15 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.904	44.85 ng	6519740	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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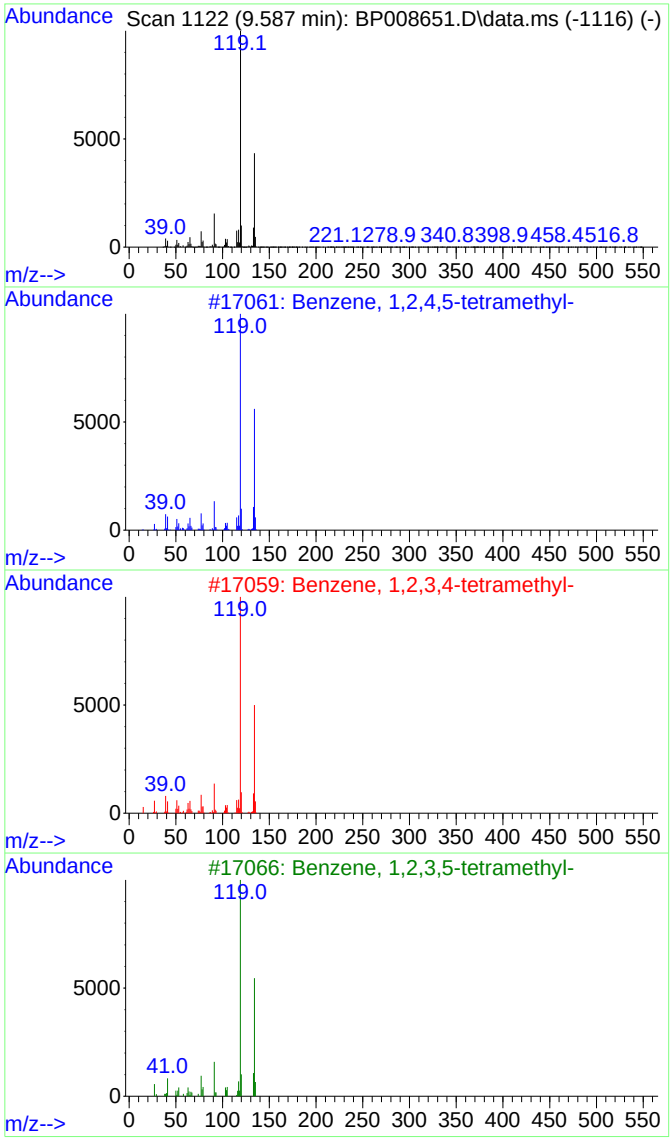
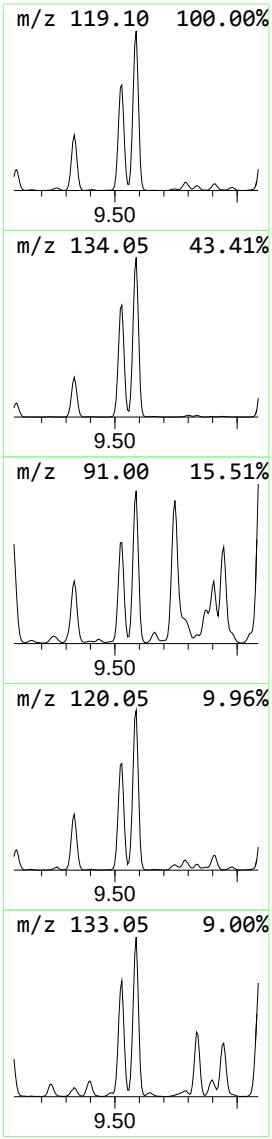
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.587	39.43 ng	10656600	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94





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Acq On : 03 Jan 2022 22:45
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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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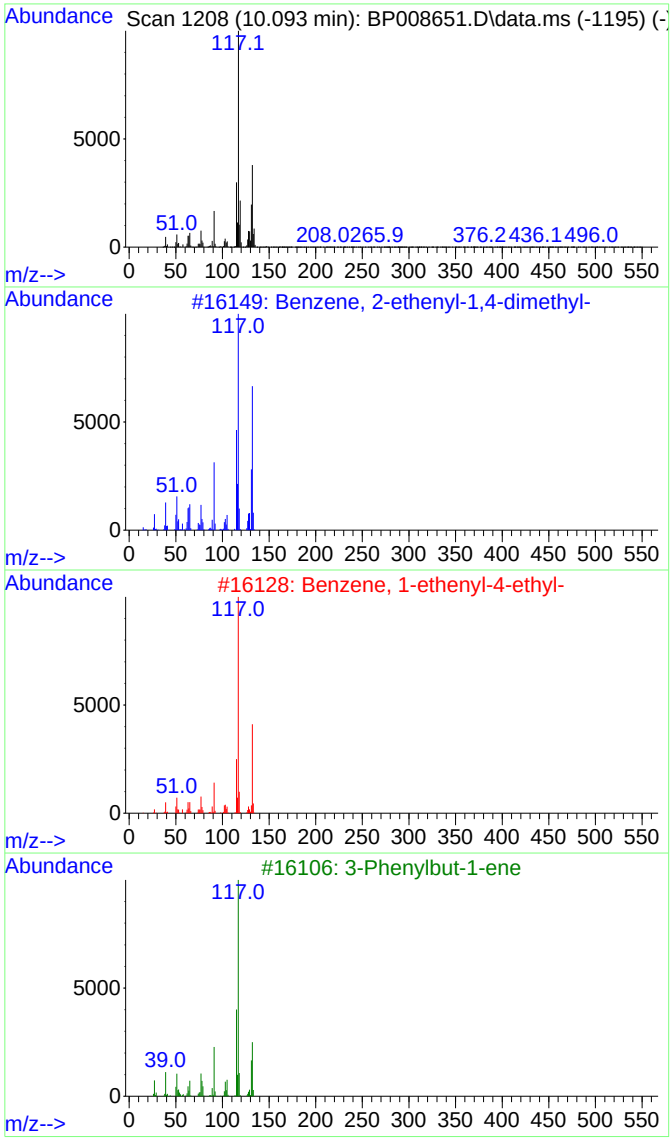
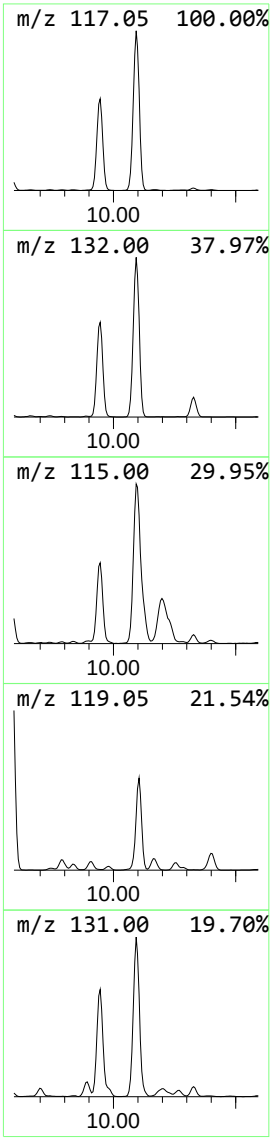
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.093	91.15 ng	24634900	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	81





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Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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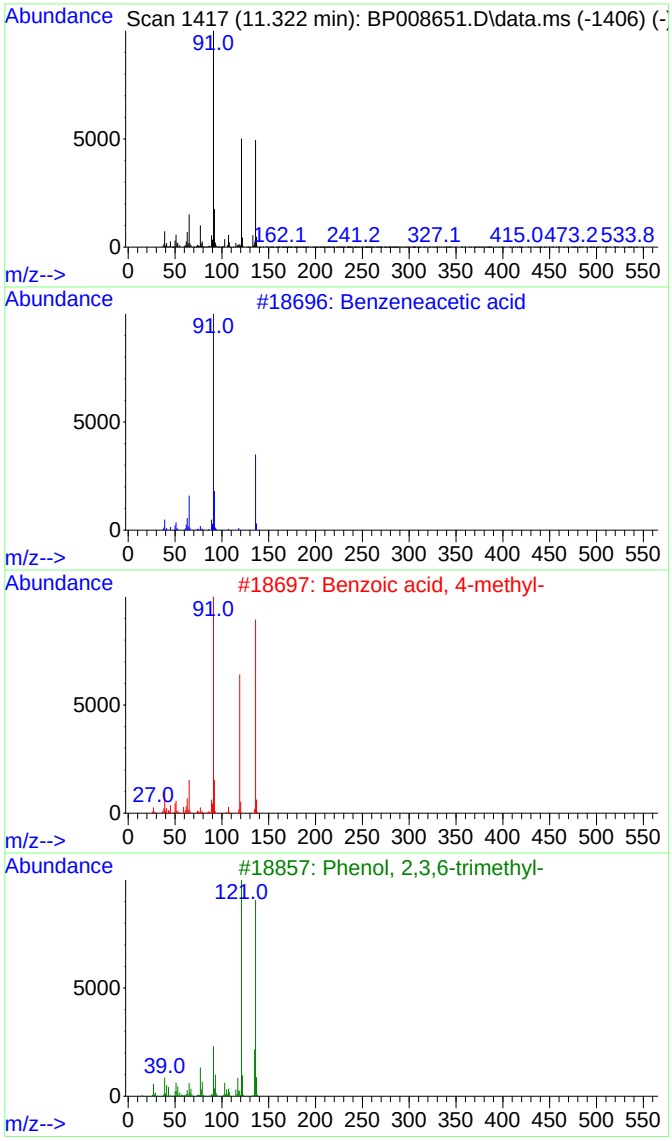
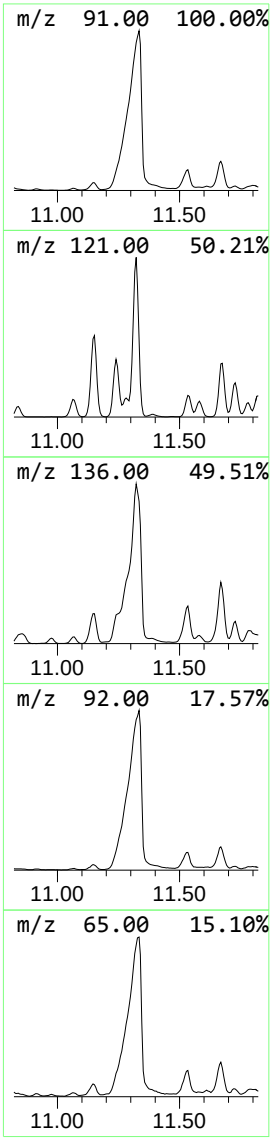
Peak Number 18 Benzeneacetic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.322	69.86 ng	18880700	Naphthalene-d8	10.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	92
2	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	58
3	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	49
4	Ethanone, 1-(3-hydroxyphenyl)-	136	C8H8O2	000121-71-1	49
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	49





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Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

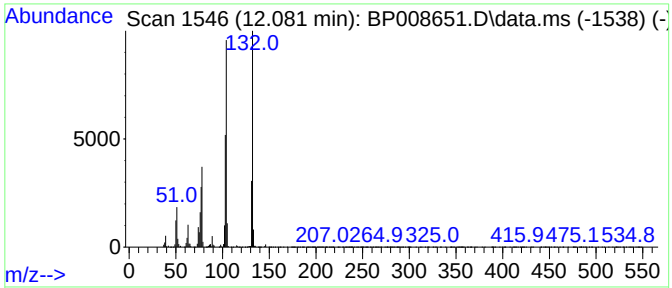
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

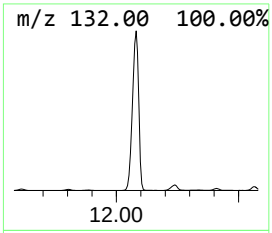
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

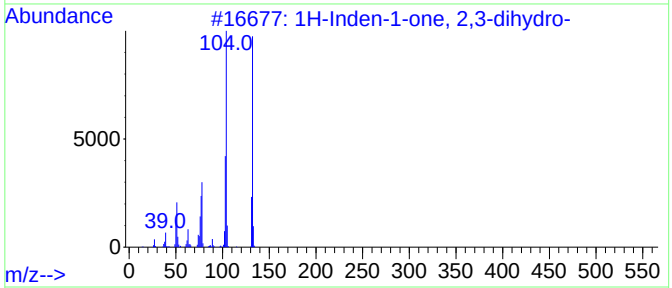
****
Peak Number 19 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 8

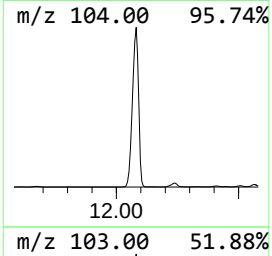
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.081	105.78 ng	28588500	Naphthalene-d8	10.693

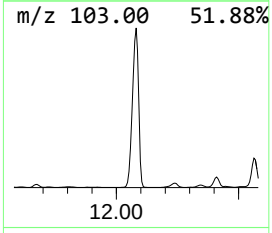
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	97
2	1H-Indol-6-amine	132	C8H8N2	005318-27-4	64
3	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	64
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64
5	Styrene	104	C8H8	000100-42-5	60

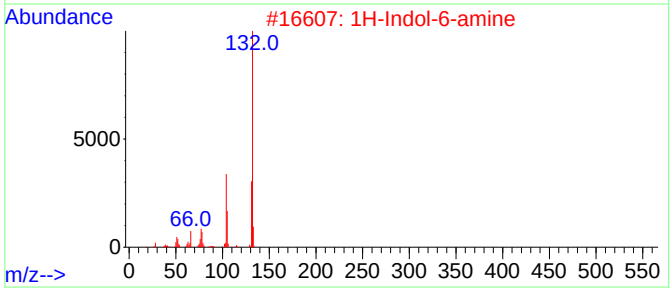


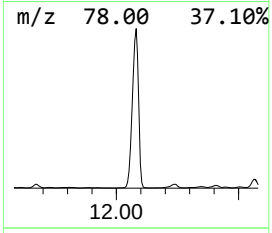


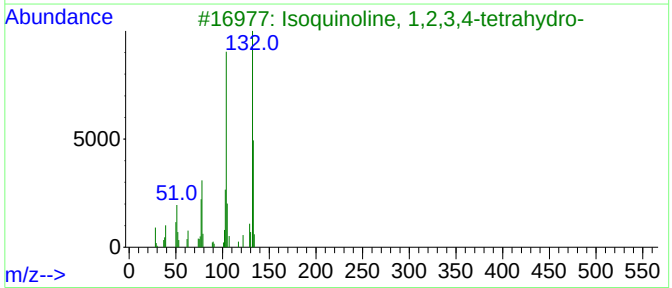


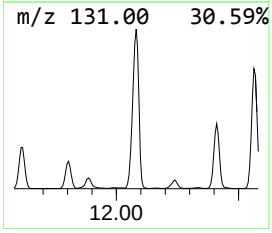












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

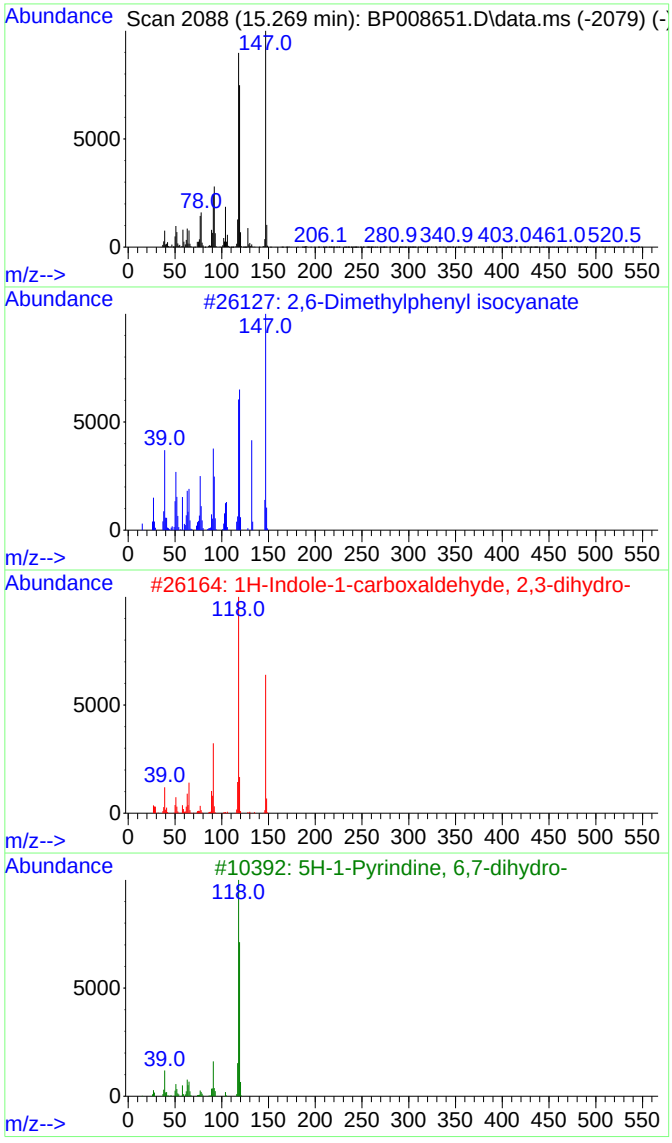
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

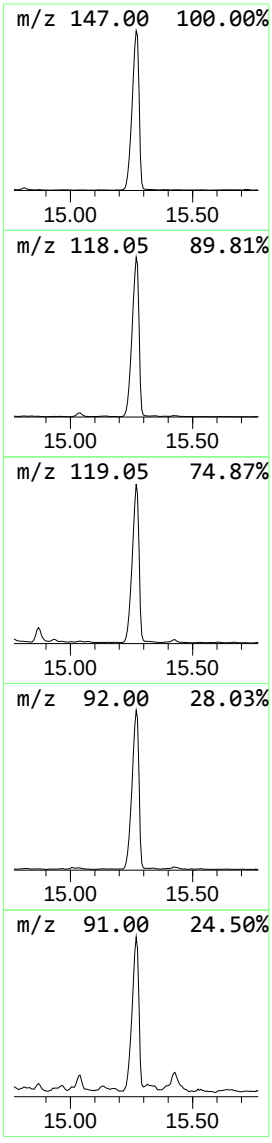
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2,6-Dimethylphenyl isocyanate Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.269	31.53 ng	10637600	Acenaphthene-d10	14.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethylphenyl isocyanate	147	C9H9NO	028556-81-2	91
2	1H-Indole-1-carboxaldehyde, 2,3-...	147	C9H9NO	002861-59-8	64
3	5H-1-Pyrindine, 6,7-dihydro-	119	C8H9N	000533-37-9	60
4	2-Indolinone, 1-methyl-	147	C9H9NO	000061-70-1	58
5	1H-Indole, 2,3-dihydro-	119	C8H9N	000496-15-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
Data File : BP008651.D
Acq On : 03 Jan 2022 22:45
Operator : CG/JU
Sample : M5251-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-1R

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.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
Benzene, 1,3-di...	5.905	93.9	ng	13650800	1	7.893	2907600	20.0
Benzene, (1-met...	6.381	39.3	ng	5713190	1	7.893	2907600	20.0
Benzene, propyl-	6.875	60.6	ng	8807360	1	7.893	2907600	20.0
Mesitylene	6.993	373.5	ng	54300300	1	7.893	2907600	20.0
Benzene, 1-ethy...	7.293	294.6	ng	42833200	1	7.893	2907600	20.0
Benzene, 1,2,3-...	7.563	670.4	ng	97466100	1	7.893	2907600	20.0
Benzene, 1,2,4-...	8.016	370.5	ng	53856900	1	7.893	2907600	20.0
Indane	8.275	376.6	ng	54749800	1	7.893	2907600	20.0
Benzene, 1,2-di...	8.387	30.7	ng	4458140	1	7.893	2907600	20.0
Benzene, 1-meth...	8.446	45.3	ng	6585790	1	7.893	2907600	20.0
Benzene, 1,4-di...	8.534	79.1	ng	11498800	1	7.893	2907600	20.0
Benzene, 2-ethy...	8.851	53.5	ng	7776200	1	7.893	2907600	20.0
o-Cymene	8.904	44.9	ng	6519740	1	7.893	2907600	20.0
Benzene, 1,2,4,...	9.587	39.4	ng	10656600	2	10.693	5405080	20.0
Benzene, 2-ethe...	10.093	91.2	ng	24634900	2	10.693	5405080	20.0
Benzeneacetic acid	11.322	69.9	ng	18880700	2	10.693	5405080	20.0
1H-Inden-1-one,...	12.081	105.8	ng	28588500	2	10.693	5405080	20.0
2,6-Dimethylphe...	15.269	31.5	ng	10637600	3	14.516	6748600	20.0