LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-11

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-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008480.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	22	27	31	rBV2	89052	162191	2.52%	0.239%
2	3.293	49	52	61	rVB	48459	68469	1.06%	0.101%
3	3.446	75	78	79	rVV	81554	88701	1.38%	0.131%
4	3.469	79	82	90	rVB	149735	200950	3.12%	0.296%
5	3.711	115	123	127	rBV2	154796	250181	3.88%	0.368%
6	3.775	132	134	140	rVV2	69817	94804	1.47%	0.140%
7	3.834	140	144	153	rVB	39480	72113	1.12%	0.106%
8	3.964	162	166	171	rVB	100104	134417	2.09%	0.198%
9	4.234	208	212	215	rBV	59323	73310	1.14%	0.108%
10	4.416	239	243	248	rVB	90215	123922	1.92%	0.182%
11	4.681	279	288	291	rBV3	47386	79162	1.23%	0.117%
12	4.805	305	309	315	rBV2	42505	67729	1.05%	0.100%
13	4.864	315	319	328	rVB2	71159	119600	1.86%	0.176%
14	4.993	336	341	348	rVB3	33421	68146	1.06%	0.100%
15	5.240	378	383	390	rVB	168137	241401	3.75%	0.355%
16	5.334	390	399	405	rVV	310420	582364	9.04%	0.857%
17	5.393	405	409	419	rVB	164466	304889	4.73%	0.449%
18	6.211	540	548	564	rBV	1055466	1603408	24.88%	2.361%
19	6.705	625	632	639	rBV	1408330	2141290	33.23%	3.153%
20	6.810	644	650	655	rBV	1207519	1797402	27.89%	2.647%
21	6.869	655	660	666	rVB	1108722	1614119	25.05%	2.377%
22	6.952	666	674	680	rBV	2049190	3332087	51.71%	4.906%
23	7.110	694	701	709	rVB	698539	1044076	16.20%	1.537%
24	7.375	738	746	760	rVB	4290982	6444192	100.00%	9.488%
25	7.587	771	782	785	rBV	70935	126766	1.97%	0.187%
26	7.622	785	788	796	rVV	96336	145536	2.26%	0.214%
27	7.722	796	805	809	rVV	200386	340490	5.28%	0.501%
28	7.757	809	811	817	rVV	82213	117203	1.82%	0.173%
29	7.834	817	824	833	rVB	1405127	2216375	34.39%	3.263%
30	8.028	849	857	862	rBV3	67004	123740	1.92%	0.182%
31	8.093	862	868	879	rVV	981813	1518153	23.56%	2.235%
32	8.210	882	888	893	rVV	569744	835114	12.96%	1.230%
33	8.269	893	898	905	rVV	193118	299799	4.65%	0.441%
34	8.363	907	914	919	rVV2	765948	1243275	19.29%	1.831%
35	8.410	919	922	930	rVB	125153	181981	2.82%	0.268%
36	8.522	935	941	947	rBV	142923	220966	3.43%	0.325%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

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-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.675	961	967	971	rBV	273111	419624	6.51%	0.618%
38	8.728	971	976	979	rVV	197781	315583	4.90%	0.465%
39	8.775	979	984	987	rVV3	92555	224362	3.48%	0.330%
40	8.828	987	993	998	rVV	1831212	3072720	47.68%	4.524%
41	8.899	998	1005	1019	rVB3	1325517	2973172	46.14%	4.378%
42	9.063	1028	1033	1043	rVB6	39844	89946	1.40%	0.132%
43	9.157	1043	1049	1055	rBV2	168830	277949	4.31%	0.409%
44	9.352	1076	1082	1087	rBV	993556	1497905	23.24%	2.206%
45	9.410	1087	1092	1099	rVB	390314	595270	9.24%	0.876%
46	9.516	1099	1110	1117	rBV5	56324	178387	2.77%	0.263%
47	9.610	1121	1126	1130	rBV	54527	81190	1.26%	0.120%
48	9.716	1139	1144	1147	rBV3	46319	93166	1.45%	0.137%
49	9.769	1147	1153	1167	rVB	899201	1520408	23.59%	2.239%
50	9.916	1167	1178	1187	rBV2	1922463	3535089	54.86%	5.205%
51	9.993	1187	1191	1194	rBV	44520	69423	1.08%	0.102%
52	10.151	1214	1218	1223	rVB	69925	108886	1.69%	0.160%
53	10.222	1224	1230	1237	rVB	77710	134726	2.09%	0.198%
54	10.510	1274	1279	1284	rVV2	274929	639918	9.93%	0.942%
55	10.569	1284	1289	1295	rVV2	422611	744549	11.55%	1.096%
56	10.628	1295	1299	1311	rVB	128534	228977	3.55%	0.337%
57	10.734	1312	1317	1325	rVB	67963	112147	1.74%	0.165%
58	11.181	1383	1393	1402	rBV2	105981	218624	3.39%	0.322%
59	11.434	1428	1436	1443	rVB	149596	256706	3.98%	0.378%
60	11.628	1463	1469	1474	rBV	135131	229469	3.56%	0.338%
61	11.710	1479	1483	1493	rVB	63701	135123	2.10%	0.199%
62	11.851	1502	1507	1512	rVB	59704	92534	1.44%	0.136%
63	11.910	1512	1517	1528	rBV	86480	148515	2.30%	0.219%
64	12.075	1539	1545	1553	rVB4	57622	133150	2.07%	0.196%
65	12.193	1555	1565	1573	rBV	2140079	3394088	52.67%	4.997%
66	12.410	1592	1602	1613	rBV	1306881	2147517	33.32%	3.162%
67	12.593	1629	1633	1643	rVB8	31642	85672	1.33%	0.126%
68	12.845	1671	1676	1686	rVB3	53798	113296	1.76%	0.167%
69	12.998	1695	1702	1713	rBV	1275972	1904335	29.55%	2.804%
70	13.204	1731	1737	1744	rBV6	36322	72991	1.13%	0.107%
71	13.540	1789	1794	1795	rBV	103369	132462	2.06%	0.195%
72	13.657	1805	1814	1816	rBV3	42819	88781	1.38%	0.131%
73	13.698	1816	1821	1826	rVV	162660	308368	4.79%	0.454%
74	13.751	1826	1830	1839	rVB	106441	183584	2.85%	0.270%
75	13.940	1857	1862	1866	rBV2	69755	119781	1.86%	0.176%
76	14.104	1886	1890	1896	rVB	41605	65513	1.02%	0.096%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

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-BP121421.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.381	1930	1937	1944	rBV	339687	553698	8.59%	0.815%
78	14.622	1974	1978	1985	rVB3	39849	72433	1.12%	0.107%
79	15.886	2186	2193	2202	rBV	1159401	1740442	27.01%	2.563%
80	17.145	2401	2407	2412	rBV	427179	620511	9.63%	0.914%
81	18.051	2554	2561	2569	rBV4	92183	160272	2.49%	0.236%
82	19.722	2839	2845	2859	rBV	2650996	3215549	49.90%	4.735%
83	20.963	3052	3056	3064	rBV2	209026	305659	4.74%	0.450%
84	21.257	3102	3106	3112	rBV	614086	785452	12.19%	1.157%
85	21.374	3120	3126	3138	rBV	3320847	4756586	73.81%	7.004%
86	23.627	3502	3509	3520	rVB2	408371	883137	13.70%	1.300%

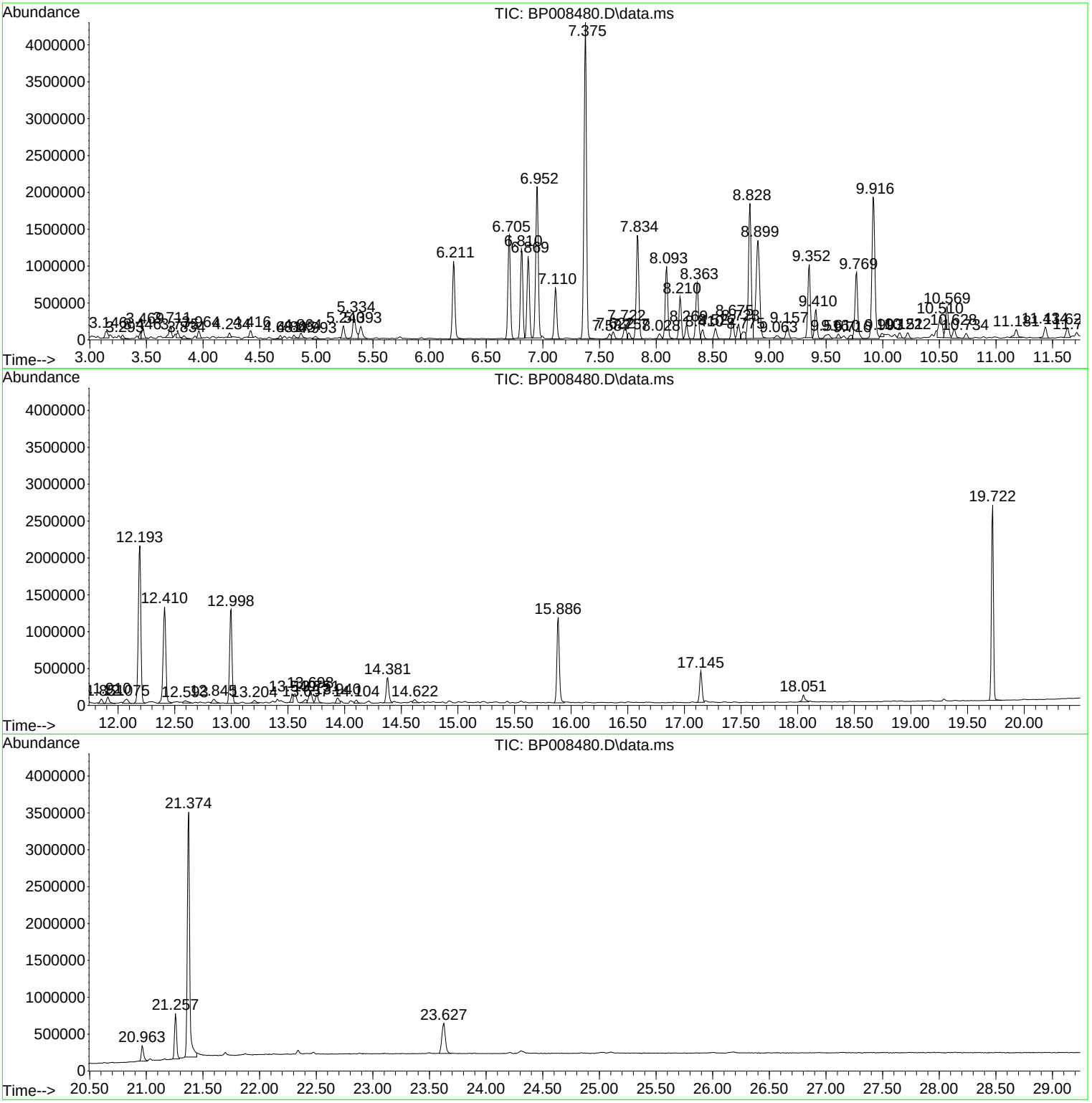
Sum of corrected areas: 67915966

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

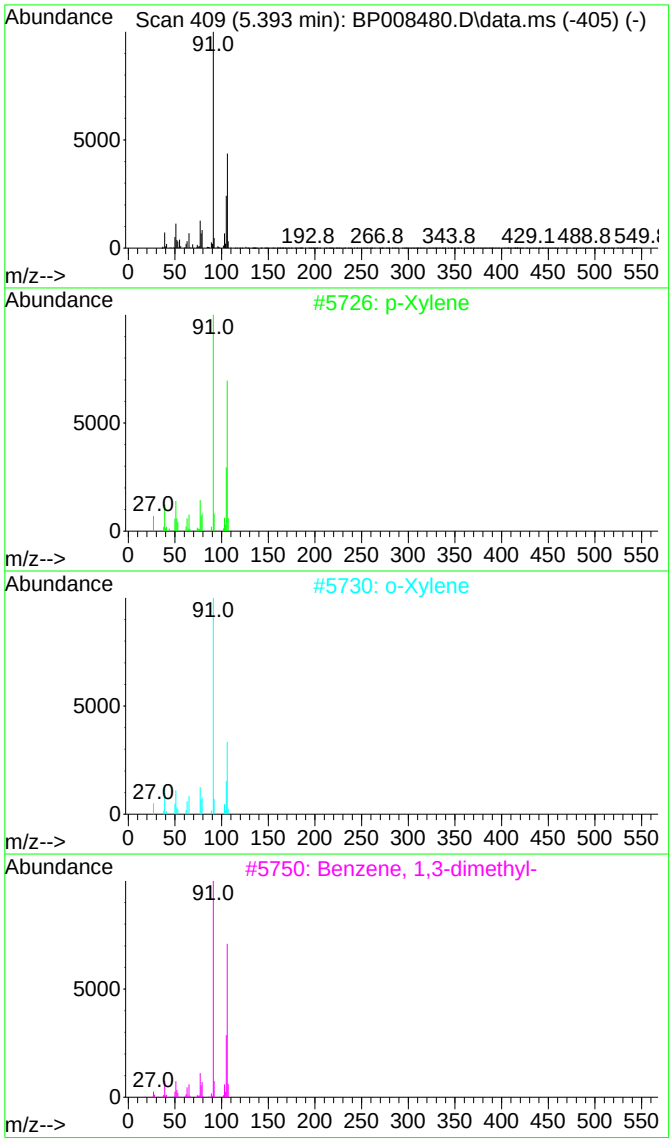
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

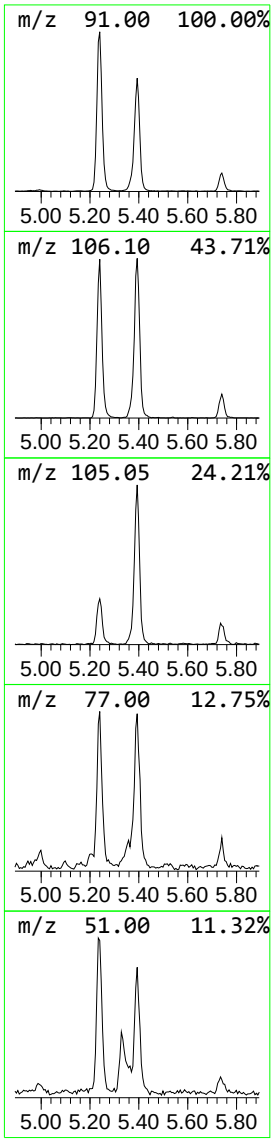
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.393	17.91 ng	304889	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	91
2	o-Xylene	106	C8H10	000095-47-6	90
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	90
4	Ethylbenzene	106	C8H10	000100-41-4	68
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

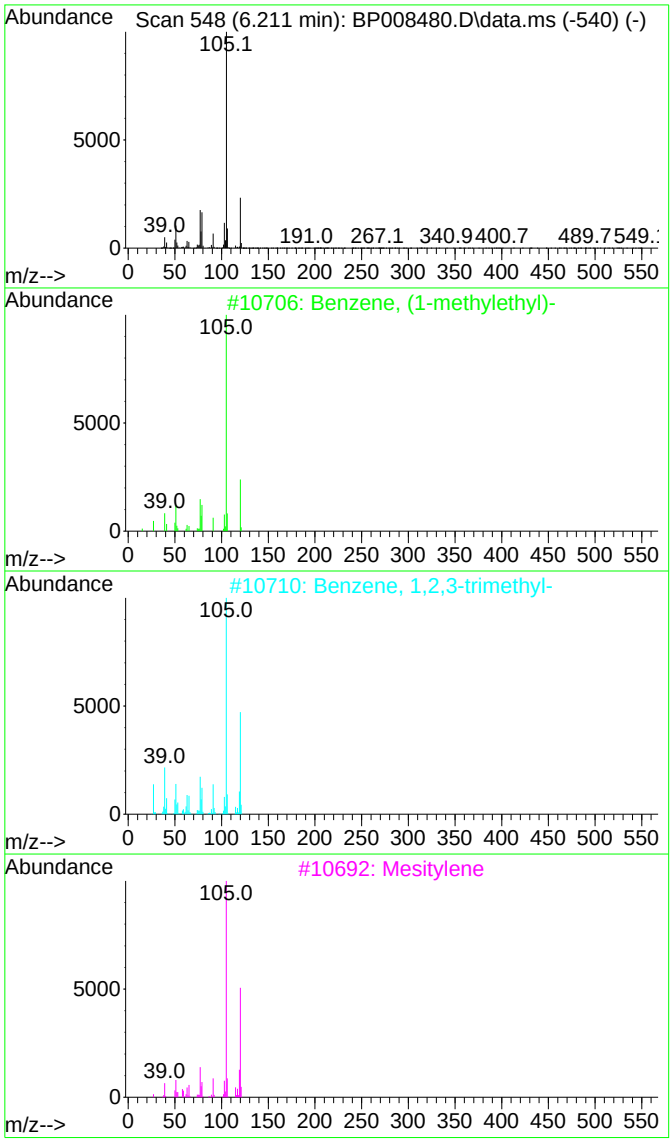
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

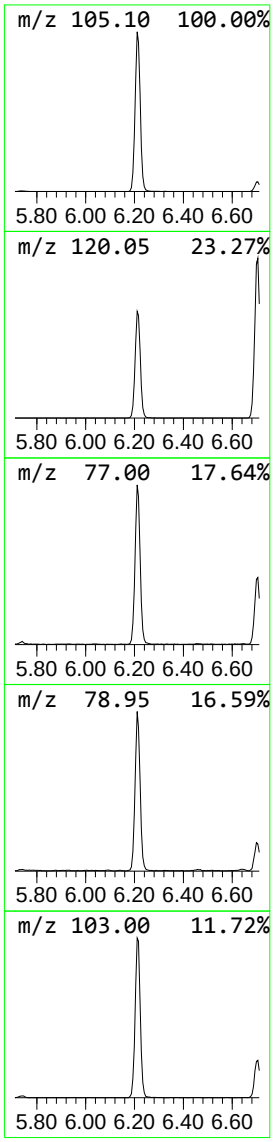
****

Peak Number 2 Benzene, (1-methylethyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.211	94.18 ng	1603410	1,4-Dichlorobenzene-d4	7.728

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	86
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

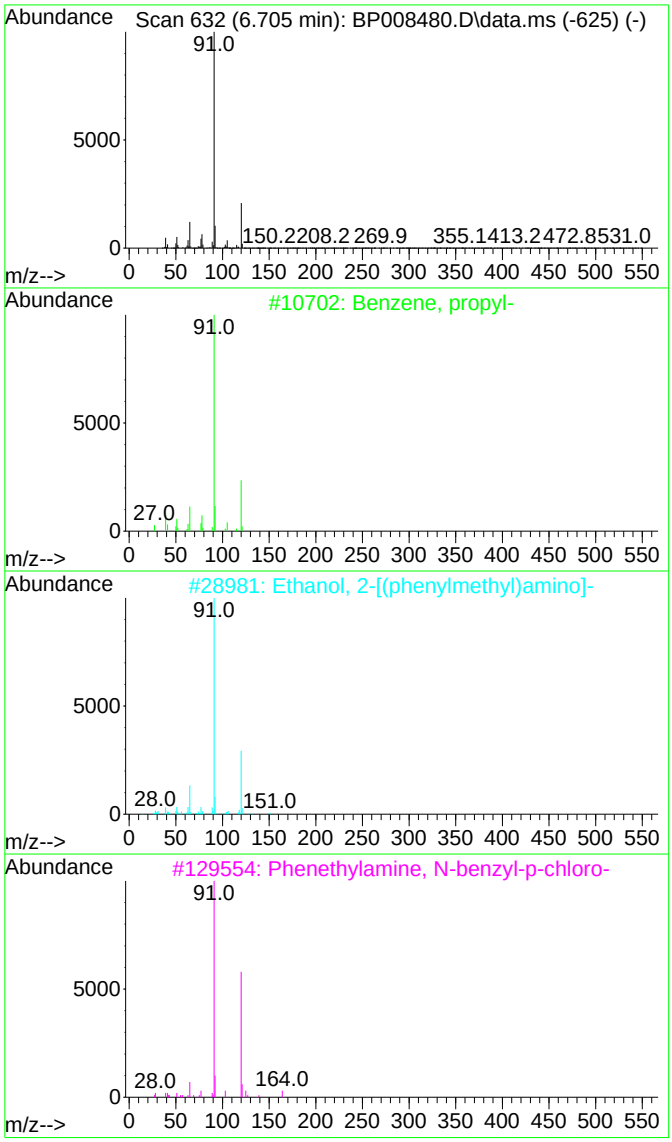
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

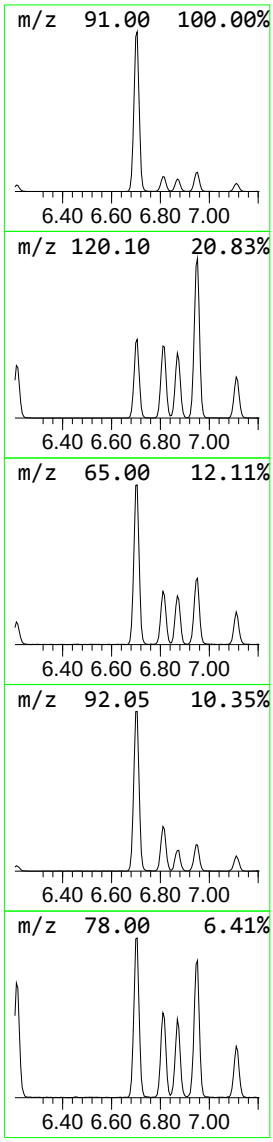
****

Peak Number 3 Benzene, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.705	125.78 ng	2141290	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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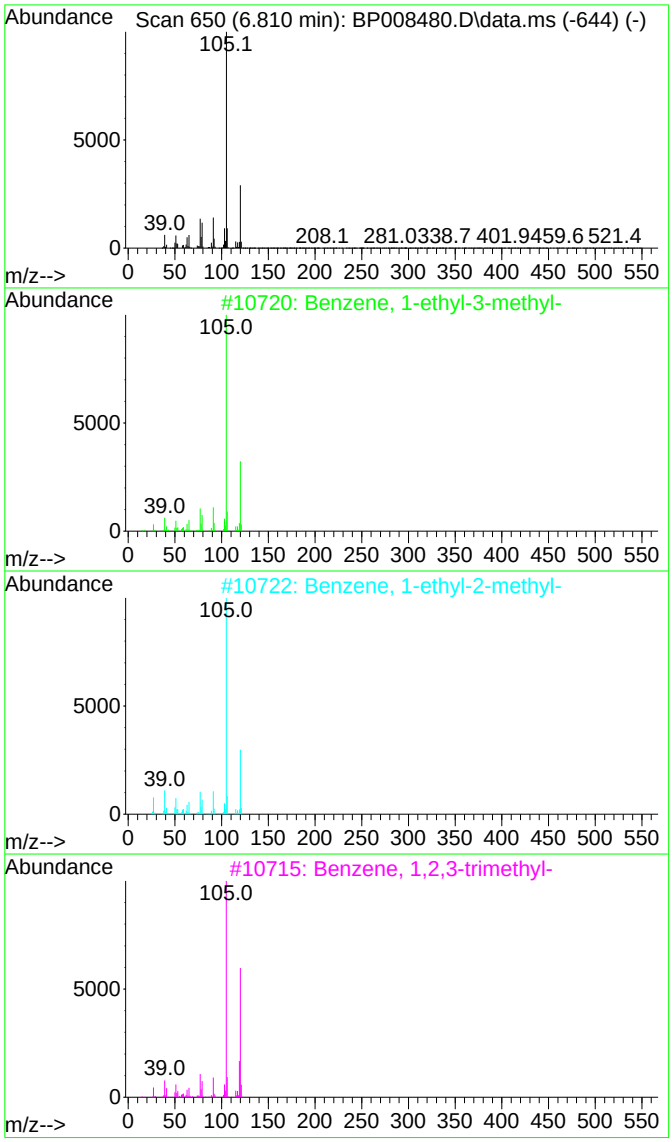
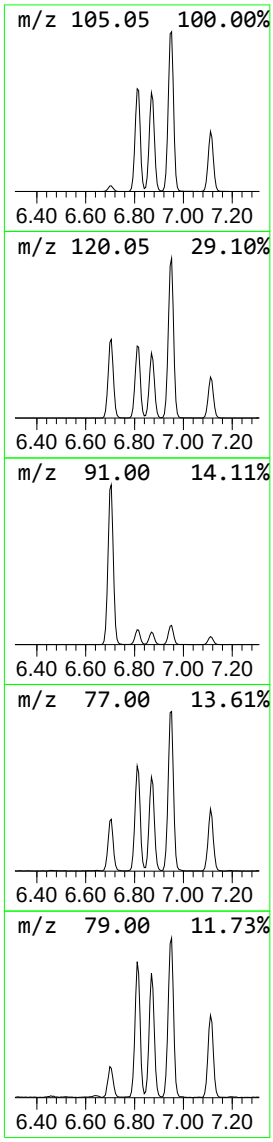
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.810	105.58 ng	1797400	1,4-Dichlorobenzene-d4	7.728

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	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

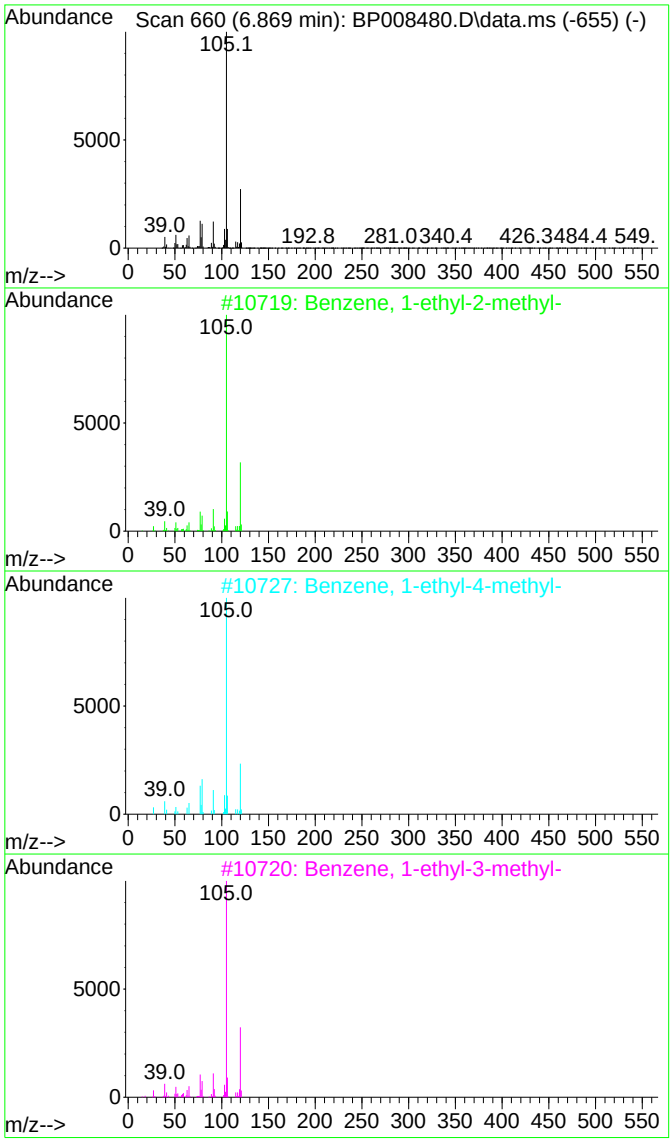
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

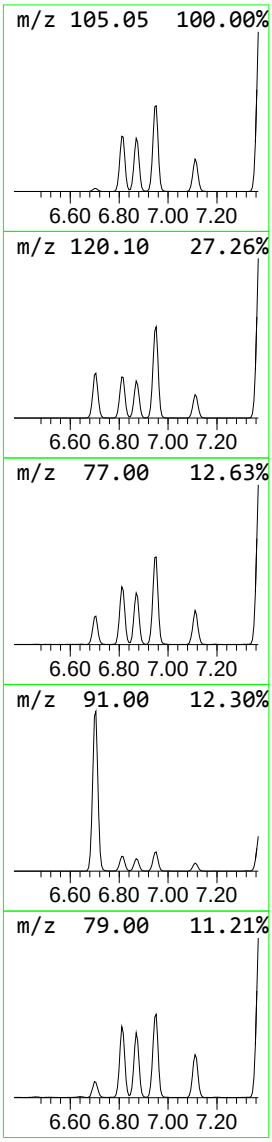
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.869	94.81 ng	1614120	1,4-Dichlorobenzene-d4	7.728

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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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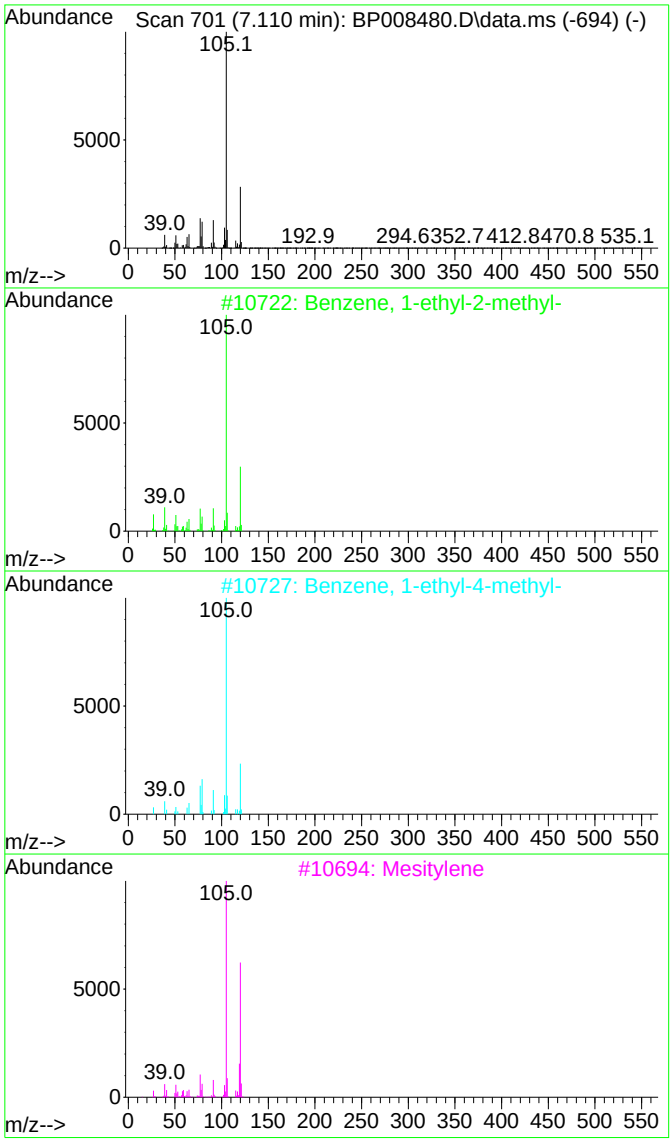
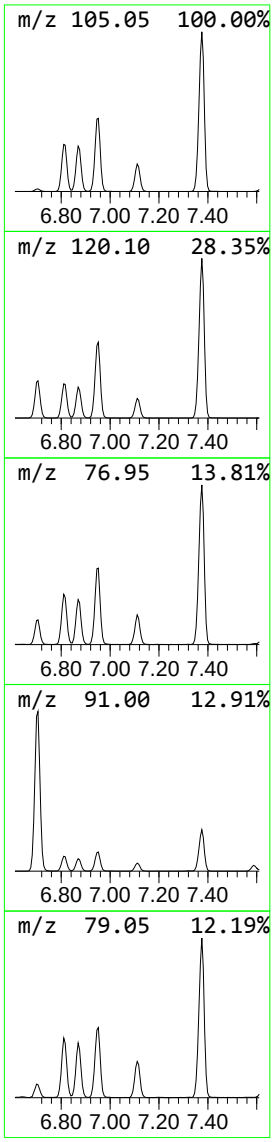
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.110	61.33 ng	1044080	1,4-Dichlorobenzene-d4	7.728

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





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Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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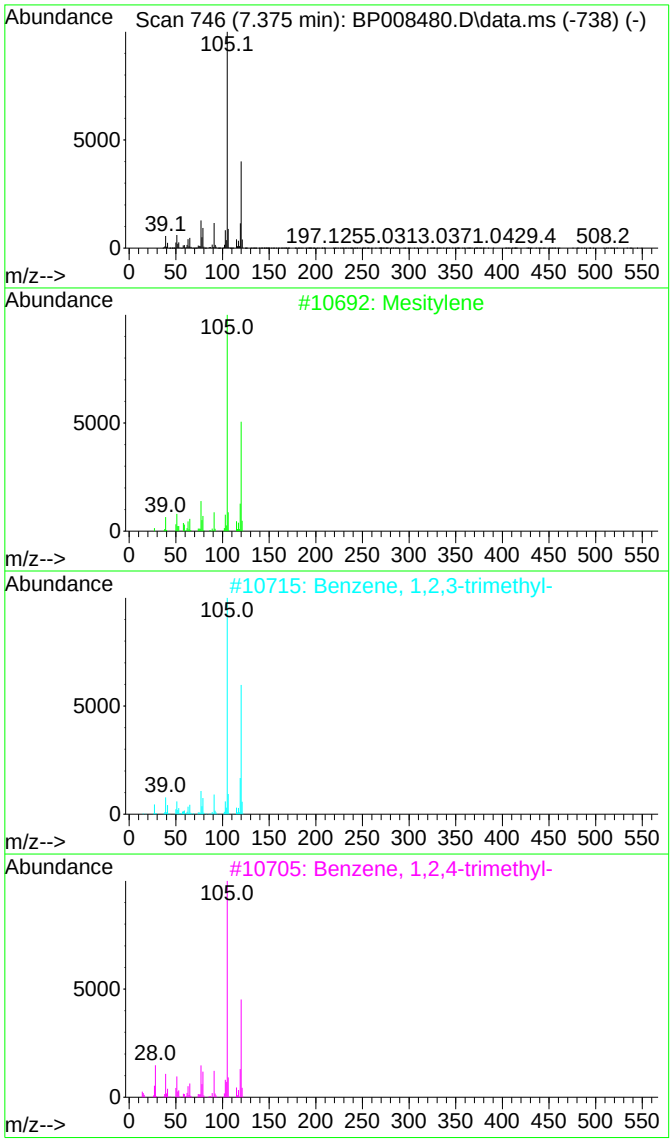
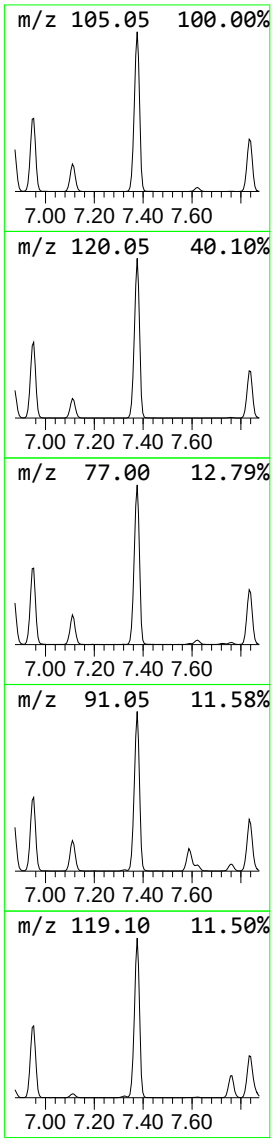
Peak Number 7 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.375	378.52 ng	6444190	1,4-Dichlorobenzene-d4	7.728

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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Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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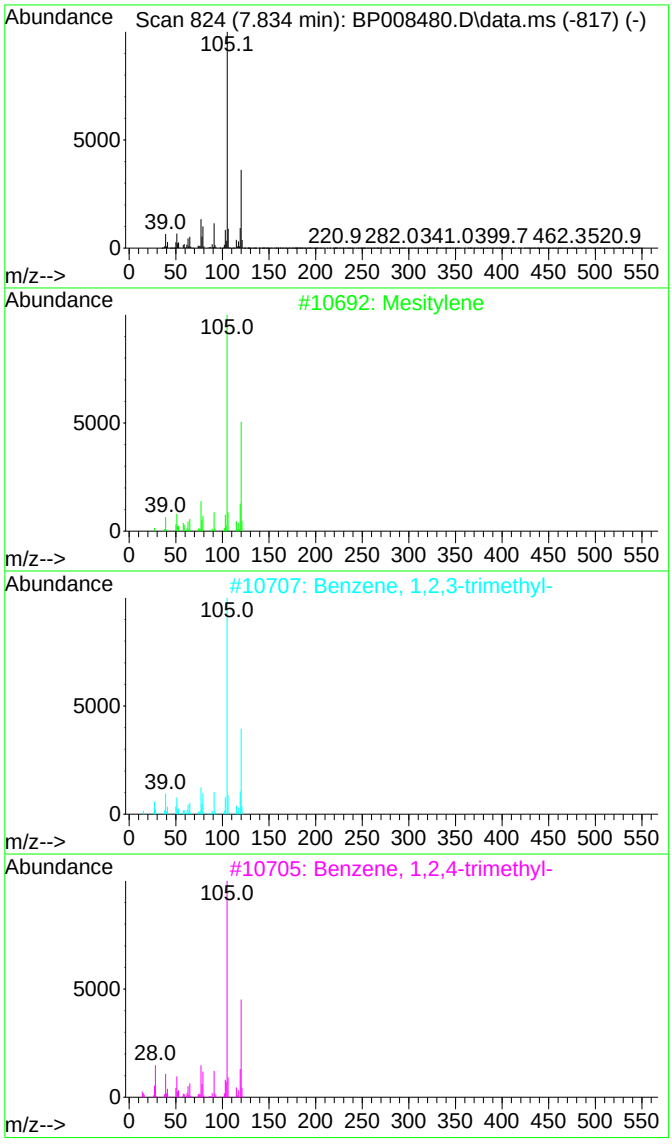
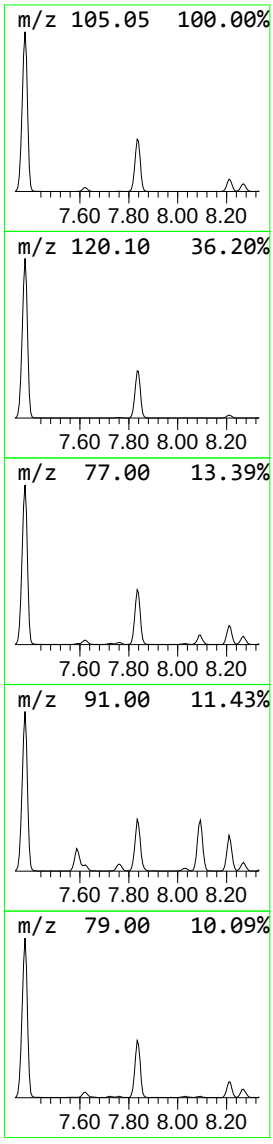
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.834	130.19 ng	2216380	1,4-Dichlorobenzene-d4	7.728

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-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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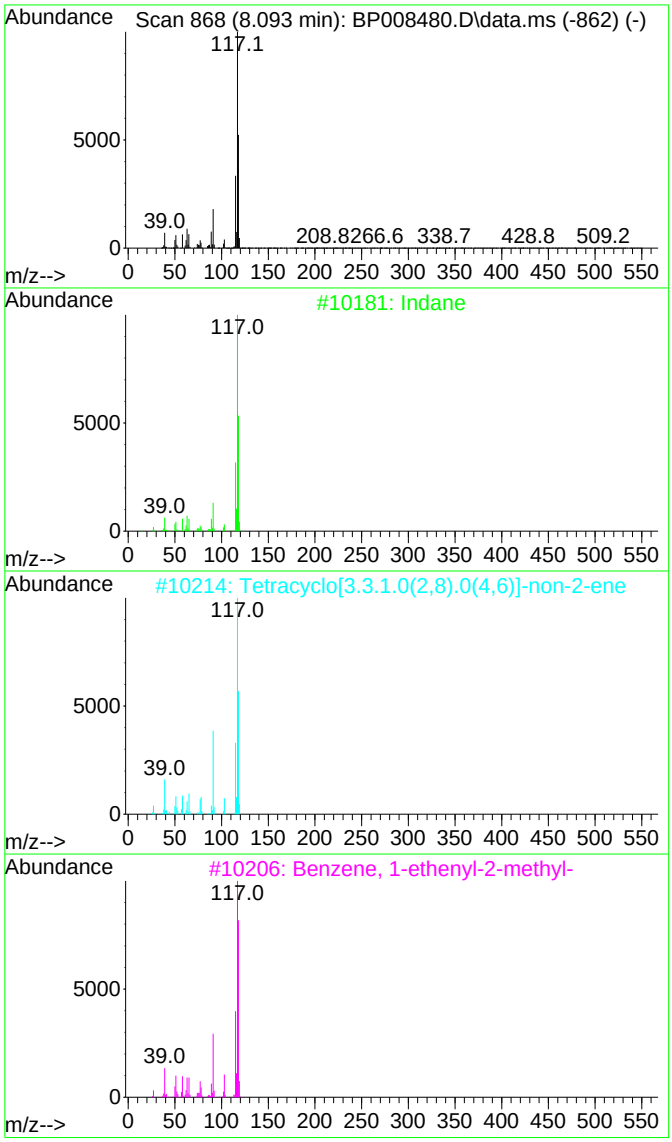
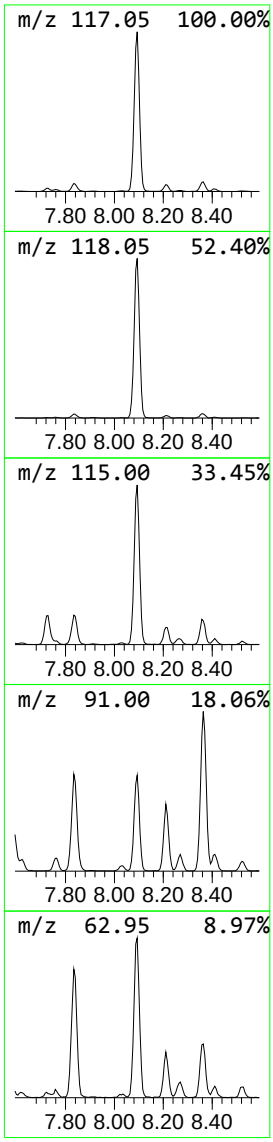
Peak Number 9 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.093	89.17 ng	1518150	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
5	Indole	117	C8H7N	000120-72-9	49





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Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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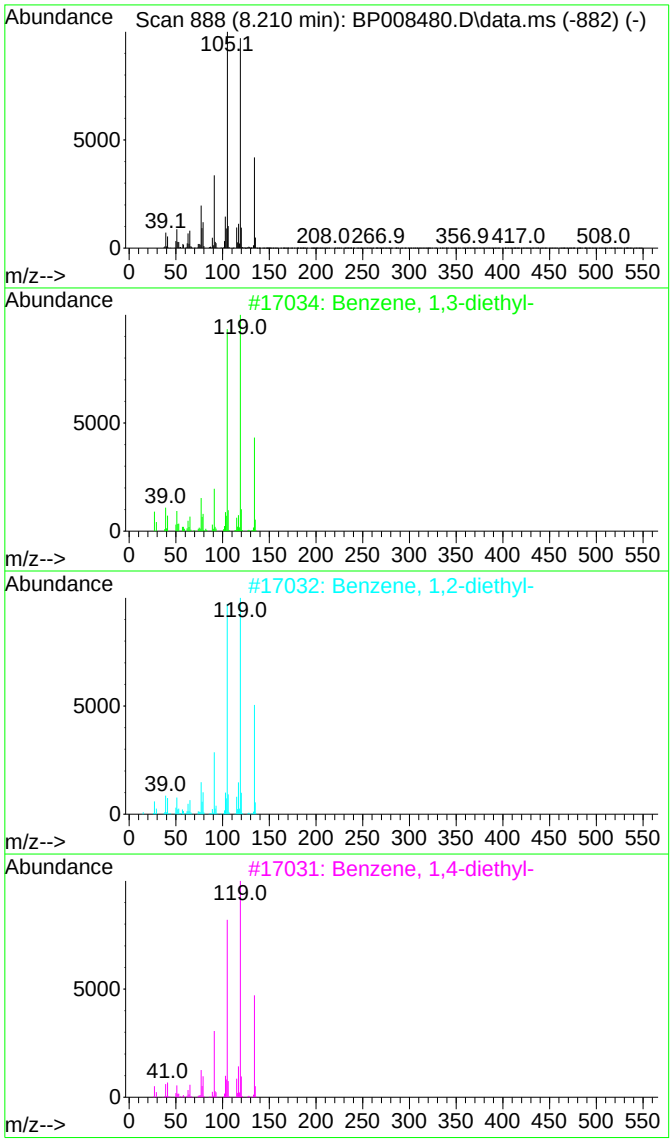
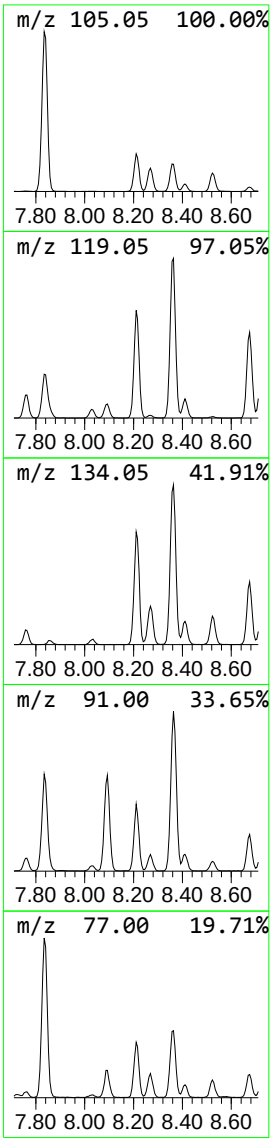
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	49.05 ng	835114	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

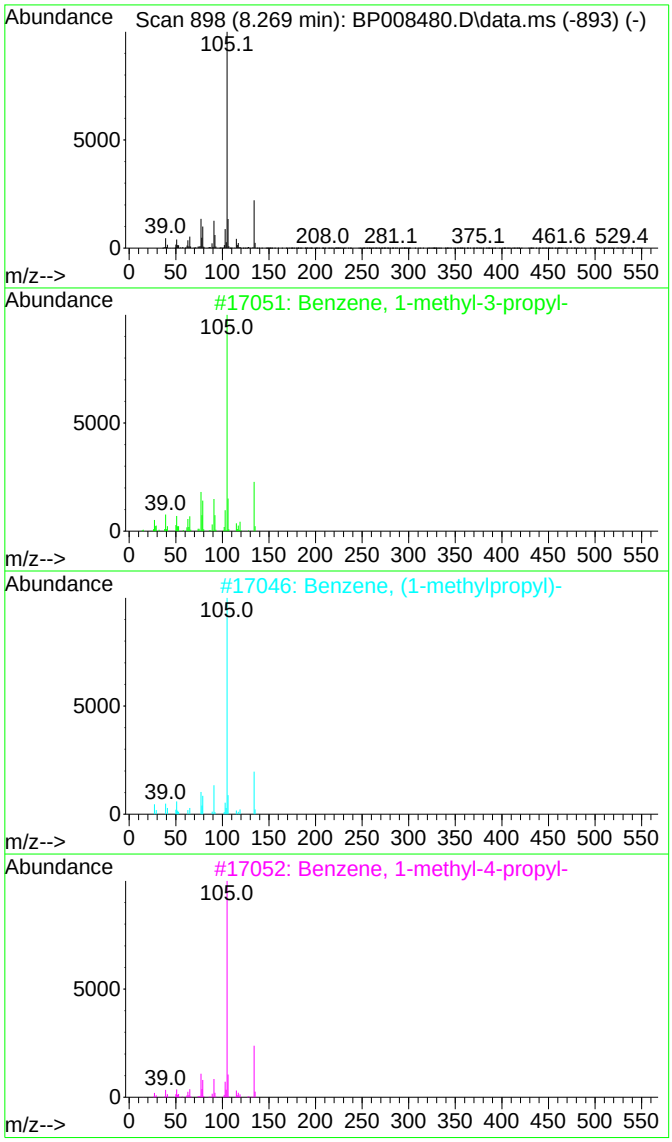
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

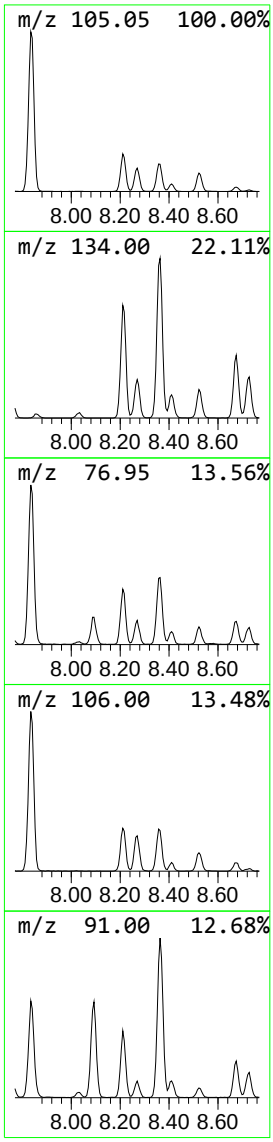
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-3-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.269	17.61 ng	299799	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
5	2-Tolyloxirane	134	C9H10O	002783-26-8	87





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Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

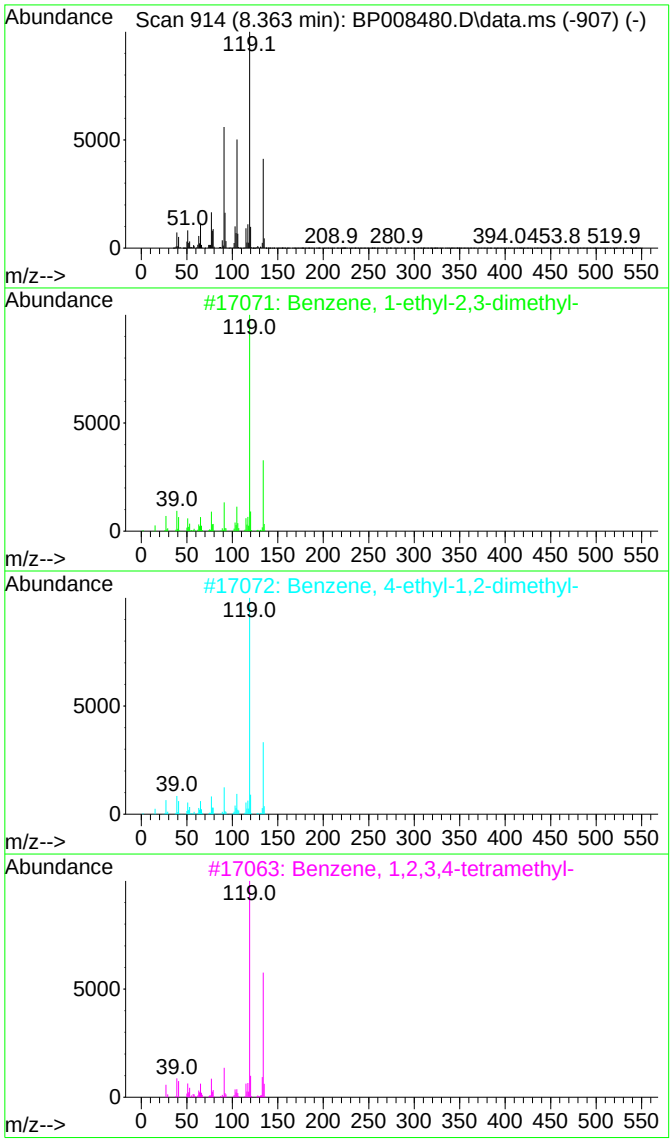
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

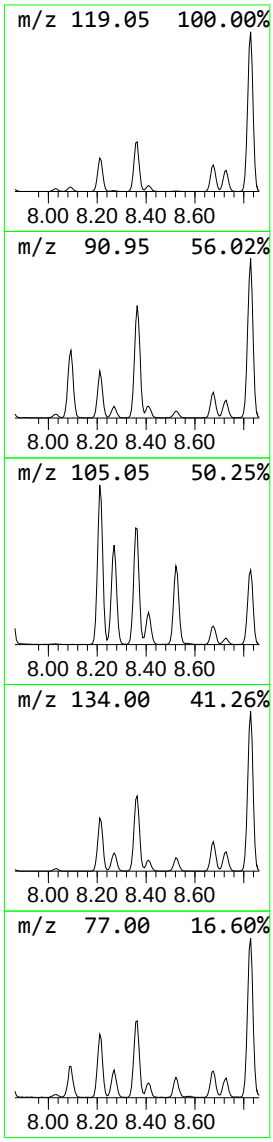
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	73.03 ng	1243280	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5	p-Cymene	134	C10H14	000099-87-6	93





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Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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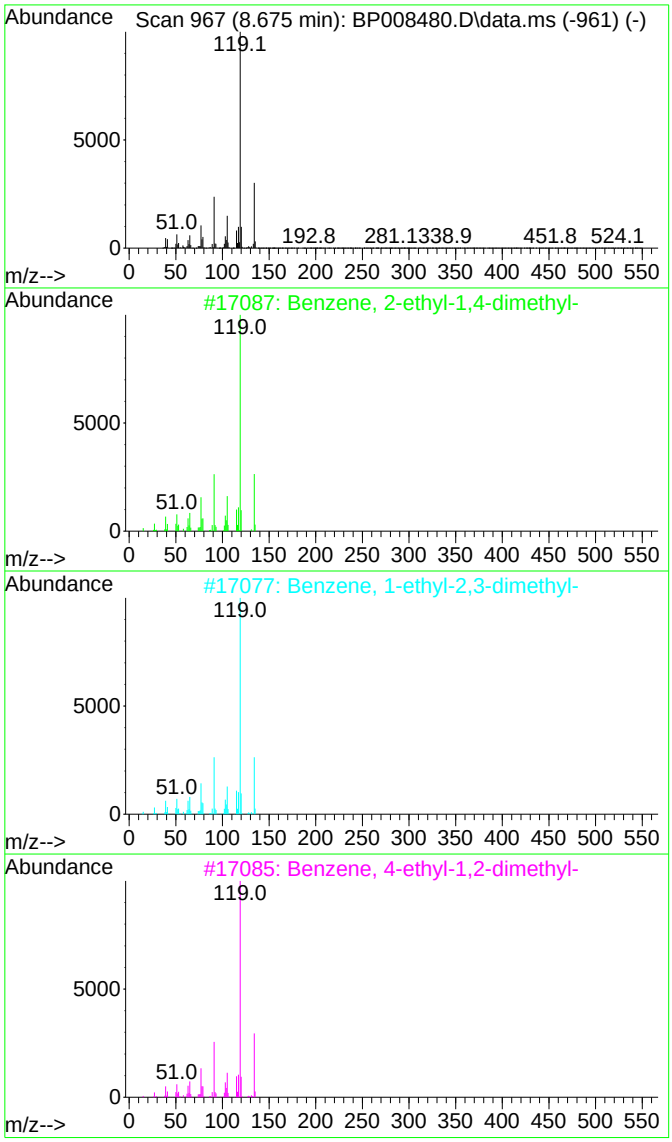
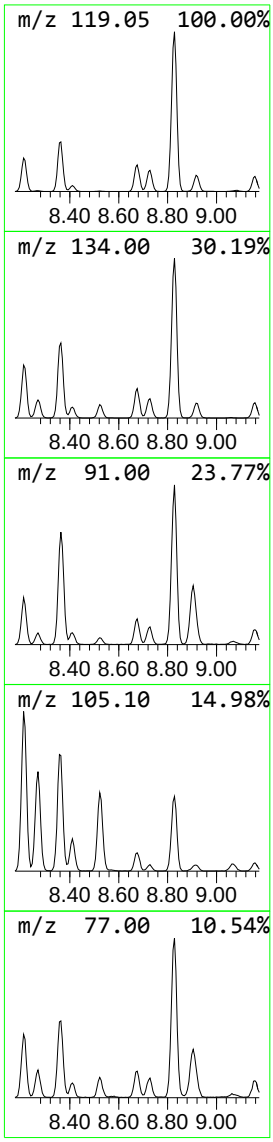
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.675	24.65 ng	419624	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





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Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

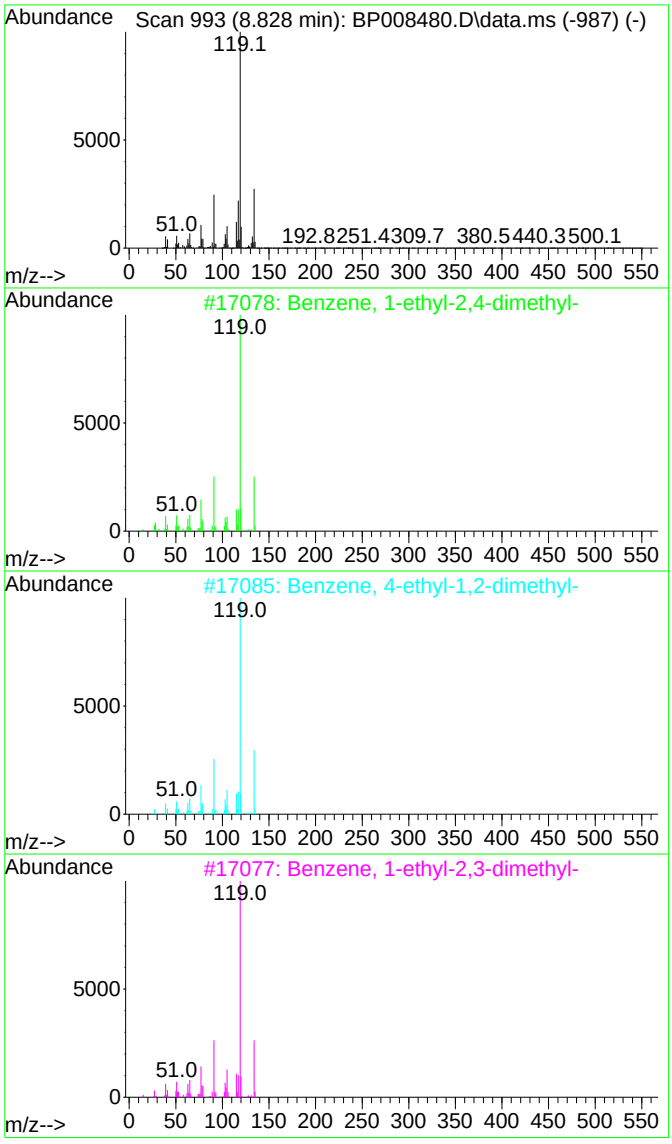
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

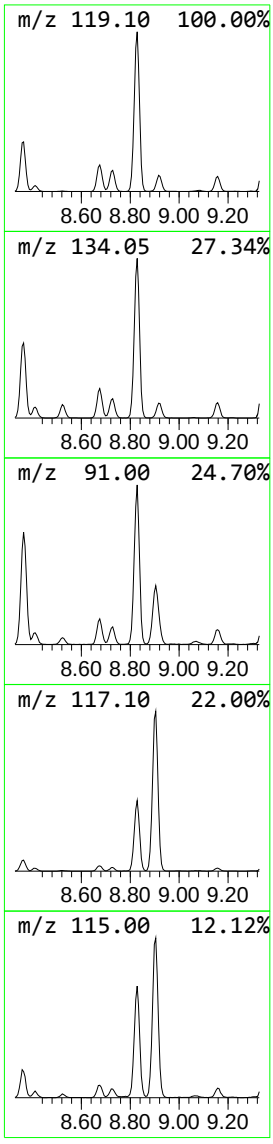
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.828	180.49 ng	3072720	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	90





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Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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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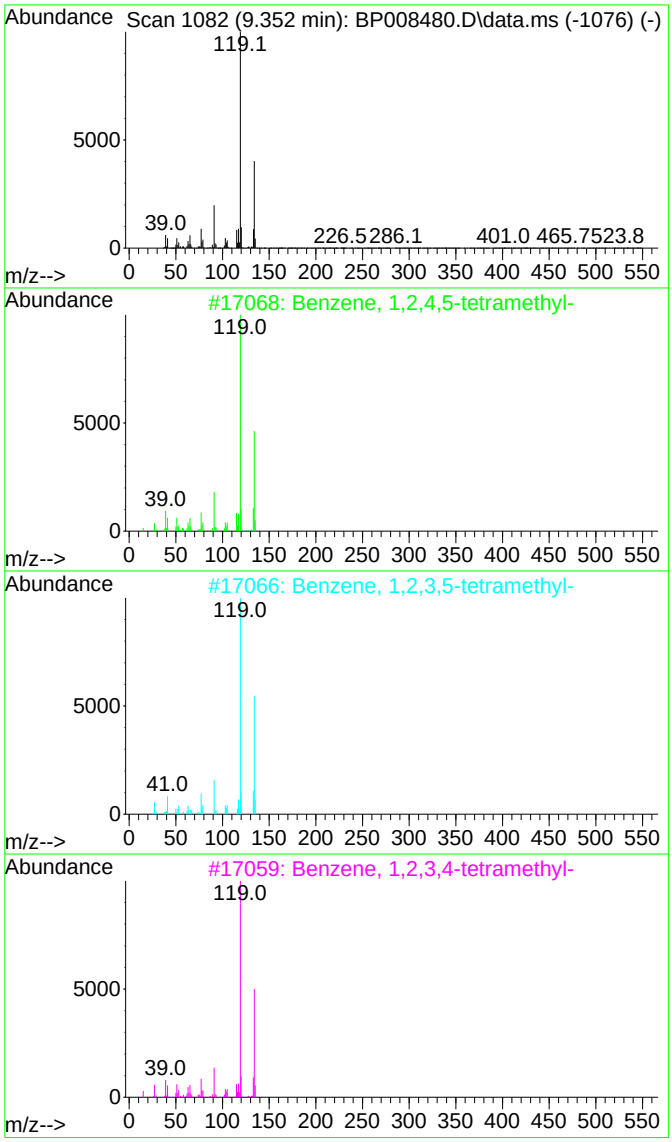
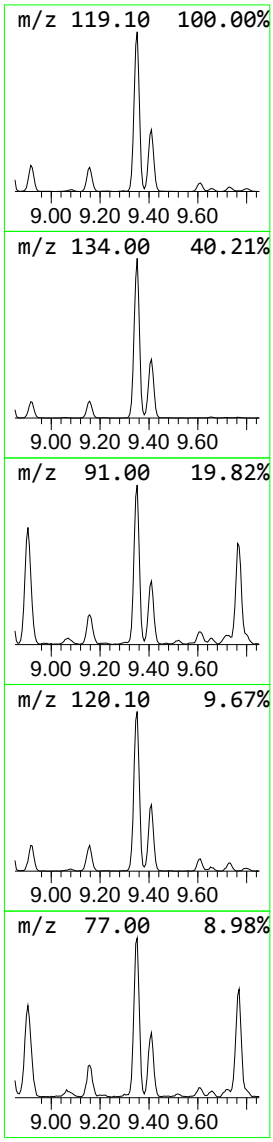
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.352	46.82 ng	1497910	Naphthalene-d8	10.516

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





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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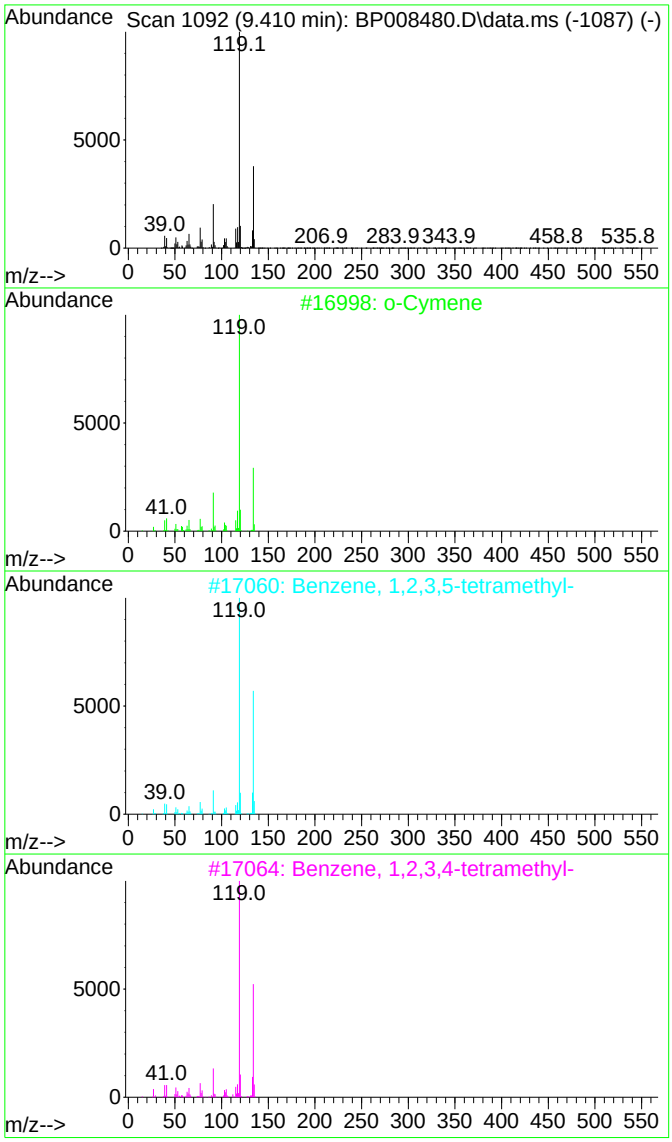
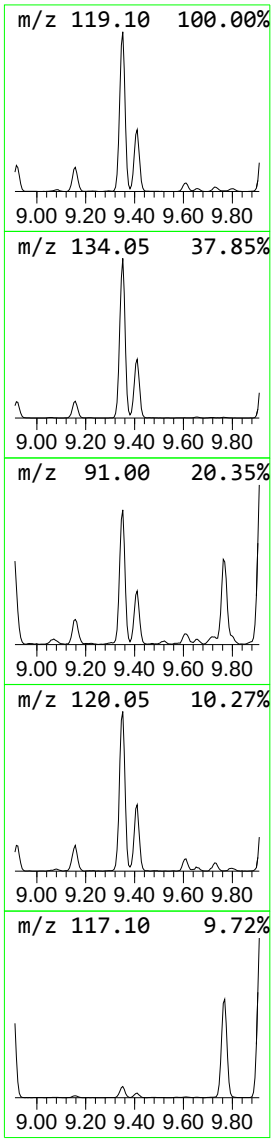
Peak Number 17 o-Cymene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.410	18.60 ng	595270	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

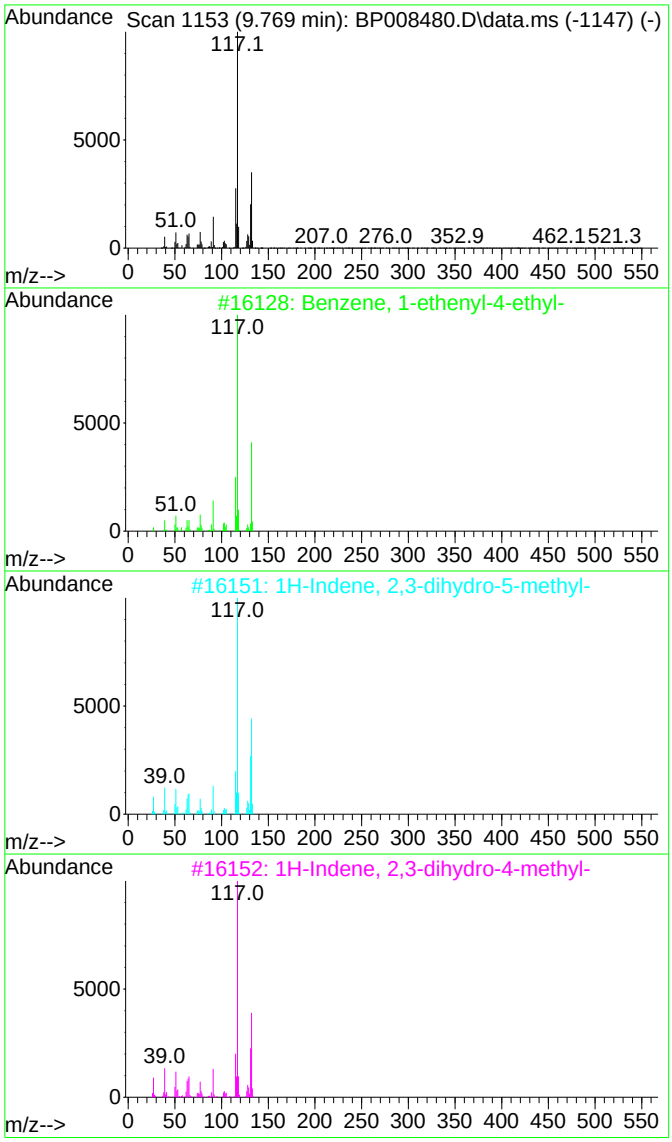
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

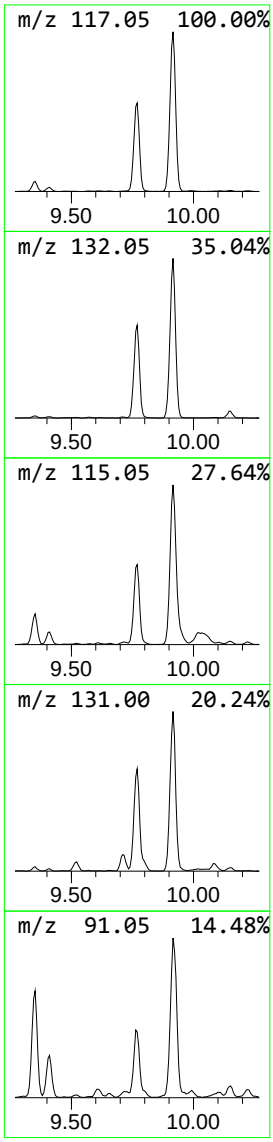
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.769	47.52 ng	1520410	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

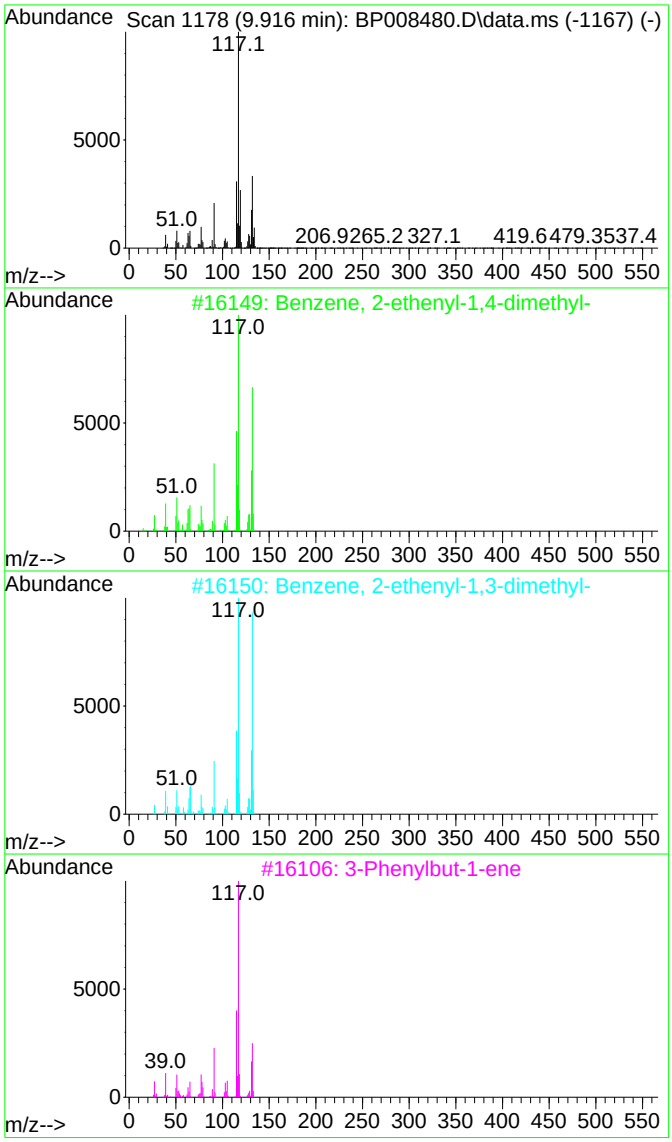
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

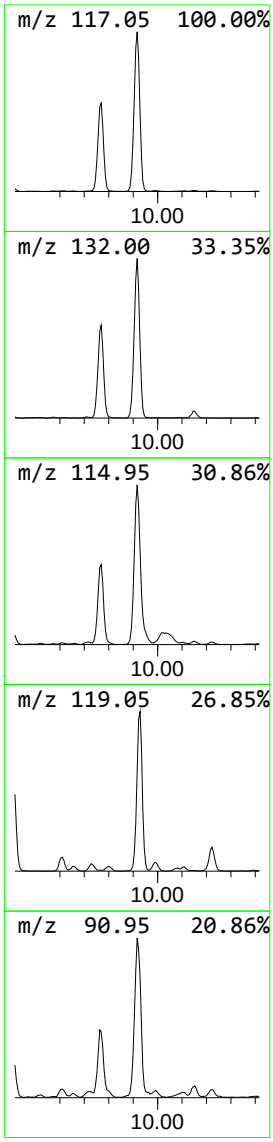
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.916	110.49 ng	3535090	Naphthalene-d8	10.516

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	87
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	83
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

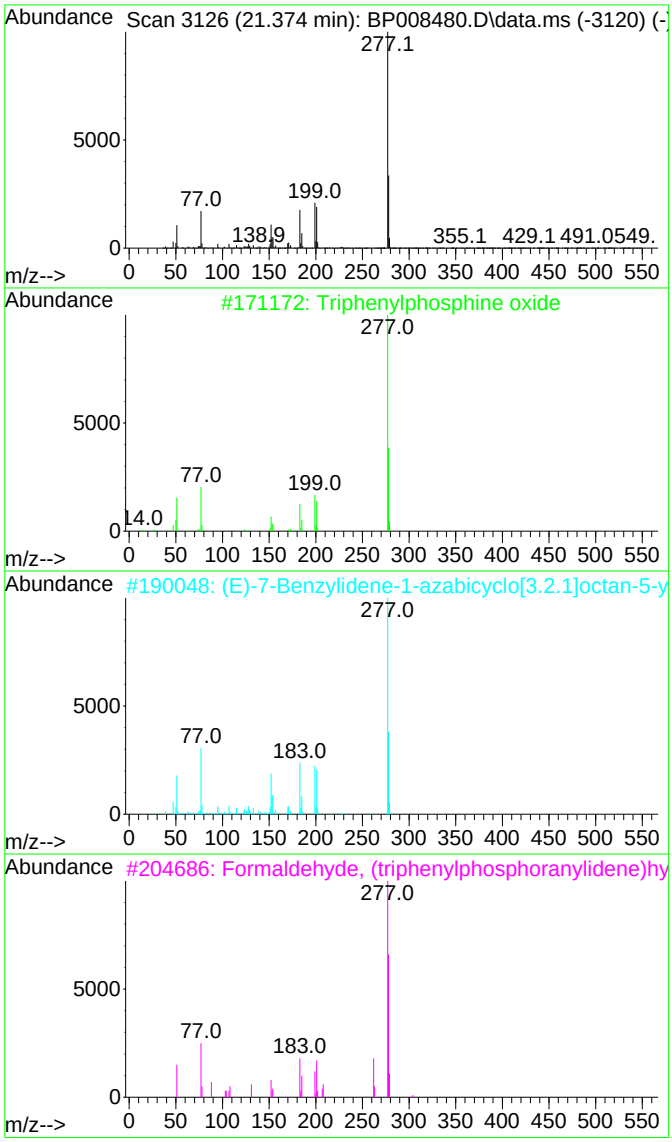
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

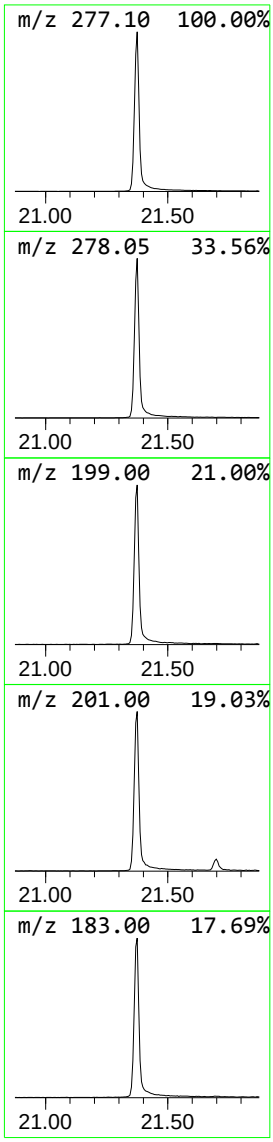
****

Peak Number 20 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.374	121.12 ng	4756590	Chrysene-d12	21.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	96
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	32
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	25
5	[1,2,4]Triazolo[1,5-a]pyrimidine...	278	C15H14N6	1000350-69-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008480.D
Acq On : 17 Dec 2021 20:09
Operator : CG/JU
Sample : M5039-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.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...	5.393	17.9	ng	304889	1	7.728	340490	20.0
Benzene, (1-met...	6.211	94.2	ng	1603410	1	7.728	340490	20.0
Benzene, propyl-	6.705	125.8	ng	2141290	1	7.728	340490	20.0
Benzene, 1-ethy...	6.810	105.6	ng	1797400	1	7.728	340490	20.0
Benzene, 1-ethy...	6.869	94.8	ng	1614120	1	7.728	340490	20.0
Benzene, 1-ethy...	7.110	61.3	ng	1044080	1	7.728	340490	20.0
Mesitylene	7.375	378.5	ng	6444190	1	7.728	340490	20.0
Benzene, 1,2,3-...	7.834	130.2	ng	2216380	1	7.728	340490	20.0
Indane	8.093	89.2	ng	1518150	1	7.728	340490	20.0
Benzene, 1,3-di...	8.210	49.0	ng	835114	1	7.728	340490	20.0
Benzene, 1-meth...	8.269	17.6	ng	299799	1	7.728	340490	20.0
Benzene, 1-ethy...	8.363	73.0	ng	1243280	1	7.728	340490	20.0
Benzene, 2-ethy...	8.675	24.6	ng	419624	1	7.728	340490	20.0
Benzene, 1-ethy...	8.828	180.5	ng	3072720	1	7.728	340490	20.0
Benzene, 1,2,4,...	9.352	46.8	ng	1497910	2	10.516	639918	20.0
o-Cymene	9.410	18.6	ng	595270	2	10.516	639918	20.0
Benzene, 1-ethe...	9.769	47.5	ng	1520410	2	10.516	639918	20.0
Benzene, 2-ethe...	9.916	110.5	ng	3535090	2	10.516	639918	20.0
Triphenylphosph...	21.374	121.1	ng	4756590	5	21.257	785452	20.0