LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP004029.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	22	29	40	rBV2	418021	1058193	14.76%	1.184%
2	3.170	43	48	57	rVV	940371	1395656	19.47%	1.561%
3	3.281	57	67	74	rVV3	90179	280906	3.92%	0.314%
4	3.428	85	92	103	rBV4	163647	469730	6.55%	0.525%
5	3.770	137	150	156	rBV5	149994	472154	6.59%	0.528%
6	3.946	171	180	186	rVV6	73650	207994	2.90%	0.233%
7	4.040	190	196	205	rVV3	153978	466685	6.51%	0.522%
8	4.140	205	213	218	rVV3	221605	449449	6.27%	0.503%
9	4.199	218	223	233	rVB3	153256	360083	5.02%	0.403%
10	4.305	233	241	244	rBV3	144902	350297	4.89%	0.392%
11	4.340	244	247	253	rVB	158029	252575	3.52%	0.283%
12	4.423	253	261	265	rBV6	73667	162251	2.26%	0.182%
13	4.481	265	271	277	rBV5	148278	322853	4.50%	0.361%
14	4.605	288	292	295	rVV2	90440	165596	2.31%	0.185%
15	4.640	295	298	306	rVV3	213033	415945	5.80%	0.465%
16	4.805	318	326	329	rBV3	81308	185442	2.59%	0.207%
17	4.846	329	333	337	rVV	235509	374654	5.23%	0.419%
18	4.887	337	340	346	rVB2	136877	222405	3.10%	0.249%
19	5.122	374	380	385	rBV3	120517	224293	3.13%	0.251%
20	5.217	391	396	400	rBV2	82614	141052	1.97%	0.158%
21	5.270	400	405	411	rVV6	113320	260904	3.64%	0.292%
22	5.328	411	415	421	rVV3	88520	176626	2.46%	0.198%
23	5.458	431	437	445	rVB4	112607	238268	3.32%	0.267%
24	5.658	460	471	474	rBV3	74235	188920	2.64%	0.211%
25	5.705	474	479	488	rVB	471262	805405	11.24%	0.901%
26	5.805	488	496	500	rBV	1201200	1925830	26.87%	2.154%
27	5.870	500	507	512	rVB	751788	1504828	21.00%	1.683%
28	6.028	524	534	539	rBV5	64303	178577	2.49%	0.200%
29	6.234	564	569	578	rVB5	86739	210124	2.93%	0.235%
30	6.728	648	653	664	rBV	441292	777865	10.85%	0.870%
31	7.234	734	739	749	rVB	551245	937373	13.08%	1.049%
32	7.405	763	768	771	rBV	342777	509243	7.11%	0.570%
33	7.452	771	776	780	rBV	545739	868919	12.12%	0.972%
34	7.658	797	811	818	rBV	713574	1140044	15.91%	1.275%
35	7.922	849	856	862	rVB	1335759	2111214	29.46%	2.362%
36	8.181	896	900	905	rVV	96295	146651	2.05%	0.164%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.269	908	915	920	rVB	492091	781159	10.90%	0.874%
38	8.399	931	937	944	rVB	875273	1360667	18.99%	1.522%
39	8.558	955	964	968	rBV2	108470	248990	3.47%	0.279%
40	8.658	974	981	990	rVB	2466169	3980010	55.53%	4.452%
41	8.775	995	1001	1006	rBV	879285	1322627	18.45%	1.480%
42	8.822	1006	1009	1016	rVB2	83640	141980	1.98%	0.159%
43	8.922	1021	1026	1032	rVV2	566633	952333	13.29%	1.065%
44	8.981	1032	1036	1042	rVB	151242	238891	3.33%	0.267%
45	9.093	1051	1055	1065	rVB	348491	529901	7.39%	0.593%
46	9.246	1074	1081	1085	rBV	220650	338413	4.72%	0.379%
47	9.305	1085	1091	1098	rVV4	266941	543453	7.58%	0.608%
48	9.399	1098	1107	1110	rVV	2144890	3689046	51.47%	4.127%
49	9.434	1110	1113	1117	rVV	1713091	2603168	36.32%	2.912%
50	9.481	1117	1121	1131	rVB	1518753	2466296	34.41%	2.759%
51	9.640	1141	1148	1156	rVV4	113097	255929	3.57%	0.286%
52	9.740	1159	1165	1179	rVB5	148169	474407	6.62%	0.531%
53	9.928	1191	1197	1202	rVB	1269505	1922112	26.82%	2.150%
54	9.987	1202	1207	1213	rVB	641646	963452	13.44%	1.078%
55	10.181	1234	1240	1245	rVB	217184	315387	4.40%	0.353%
56	10.293	1253	1259	1263	rBV2	183355	334729	4.67%	0.374%
57	10.346	1263	1268	1279	rVB	1045036	1930877	26.94%	2.160%
58	10.505	1288	1295	1302	rBV2	2098725	3738383	52.16%	4.182%
59	10.569	1302	1306	1311	rBV2	146241	230758	3.22%	0.258%
60	10.681	1320	1325	1329	rVB2	188408	312076	4.35%	0.349%
61	10.734	1329	1334	1340	rVV2	160754	274370	3.83%	0.307%
62	10.799	1340	1345	1351	rVB	266372	414703	5.79%	0.464%
63	11.016	1364	1382	1385	rBV4	172114	487159	6.80%	0.545%
64	11.093	1385	1395	1399	rVV2	950633	2483356	34.65%	2.778%
65	11.146	1399	1404	1412	rVV2	1458413	2827407	39.45%	3.163%
66	11.216	1412	1416	1421	rVV	440306	728335	10.16%	0.815%
67	11.263	1421	1424	1429	rVV	102034	158300	2.21%	0.177%
68	11.316	1429	1433	1439	rVB	224262	346769	4.84%	0.388%
69	11.481	1456	1461	1472	rBV4	67921	197836	2.76%	0.221%
70	11.699	1490	1498	1501	rBV8	62443	161116	2.25%	0.180%
71	11.763	1501	1509	1513	rVV2	193947	381849	5.33%	0.427%
72	12.010	1544	1551	1557	rBV	371046	624147	8.71%	0.698%
73	12.199	1576	1583	1588	rBV2	234189	412099	5.75%	0.461%
74	12.281	1592	1597	1610	rVB6	146609	439748	6.14%	0.492%
75	12.416	1616	1620	1626	rVV2	115322	216916	3.03%	0.243%
76	12.475	1626	1630	1637	rVB2	167831	309918	4.32%	0.347%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2

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-BP110320.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.575	1637	1647	1650	rBV2	70752	171980	2.40%	0.192%
78	12.628	1650	1656	1661	rVB2	83250	147866	2.06%	0.165%
79	12.734	1665	1674	1678	rBV2	313600	631839	8.82%	0.707%
80	12.775	1678	1681	1686	rVB	105004	148433	2.07%	0.166%
81	12.951	1700	1711	1719	rBV	926944	1683646	23.49%	1.883%
82	13.228	1751	1758	1766	rBV6	58585	127390	1.78%	0.143%
83	13.346	1771	1778	1785	rVB	87821	164505	2.30%	0.184%
84	13.510	1799	1806	1813	rBV	4144077	5876933	82.00%	6.575%
85	13.675	1828	1834	1840	rBV4	89741	221020	3.08%	0.247%
86	13.840	1857	1862	1867	rBV	167083	243223	3.39%	0.272%
87	14.046	1893	1897	1909	rVB2	368218	590673	8.24%	0.661%
88	14.210	1920	1925	1929	rBV2	86133	139970	1.95%	0.157%
89	14.310	1938	1942	1948	rBV	223365	300723	4.20%	0.336%
90	14.887	2034	2040	2047	rVB	952386	1399684	19.53%	1.566%
91	15.281	2101	2107	2112	rVB	79665	125835	1.76%	0.141%
92	16.375	2286	2293	2302	rBV	2944915	4294687	59.92%	4.804%
93	16.592	2326	2330	2339	rVB2	86223	141652	1.98%	0.158%
94	17.622	2498	2505	2509	rBV	1057959	1551209	21.64%	1.735%
95	17.663	2509	2512	2516	rVB	120731	152755	2.13%	0.171%
96	18.004	2566	2570	2577	rVB	117007	159504	2.23%	0.178%
97	20.122	2924	2930	2935	rBV	5718609	7166965	100.00%	8.018%
98	21.304	3127	3131	3140	rBV	540297	722875	10.09%	0.809%
99	21.651	3185	3190	3195	rBV	1203682	1574306	21.97%	1.761%
100	24.121	3603	3610	3621	rVB	753371	1554033	21.68%	1.738%

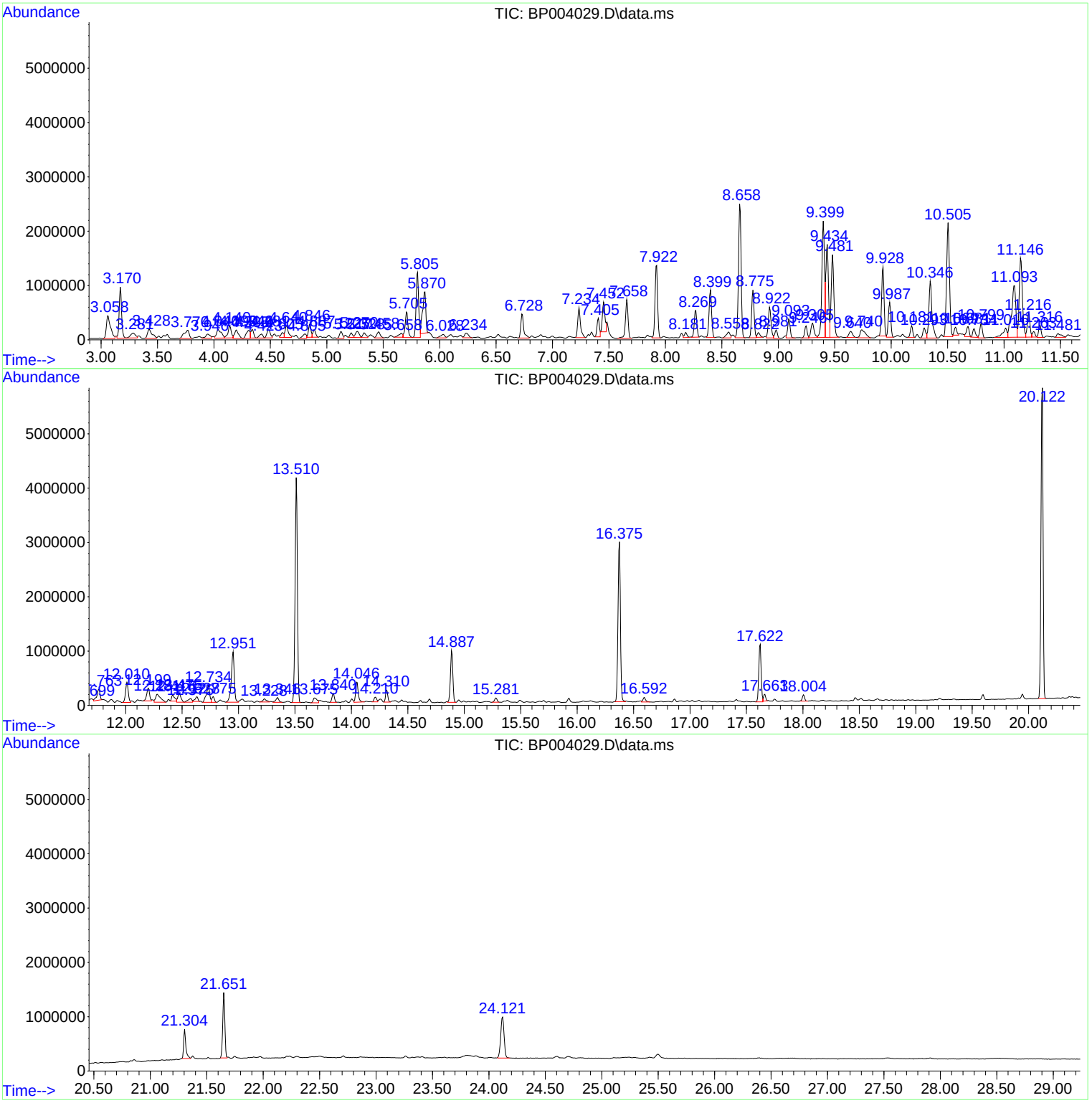
Sum of corrected areas: 89389782

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

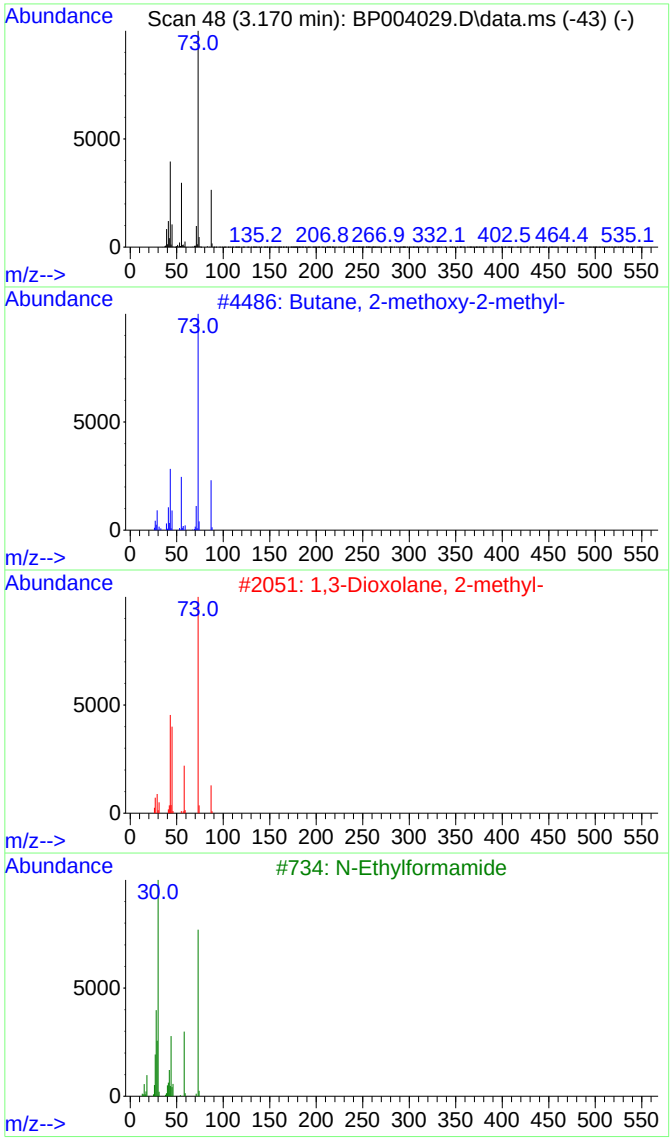
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

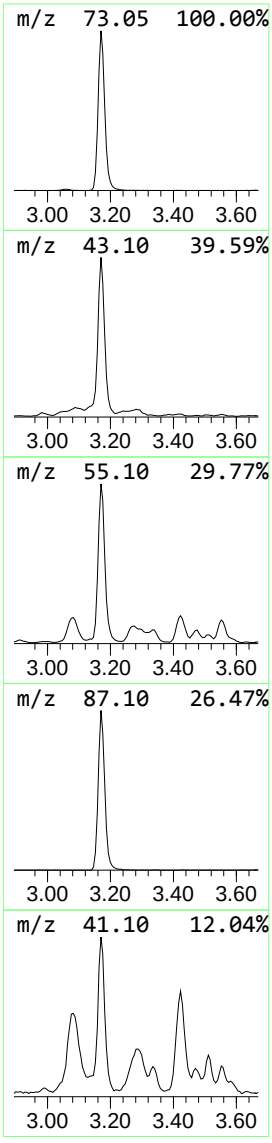
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.170	35.73 ng	1395660	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

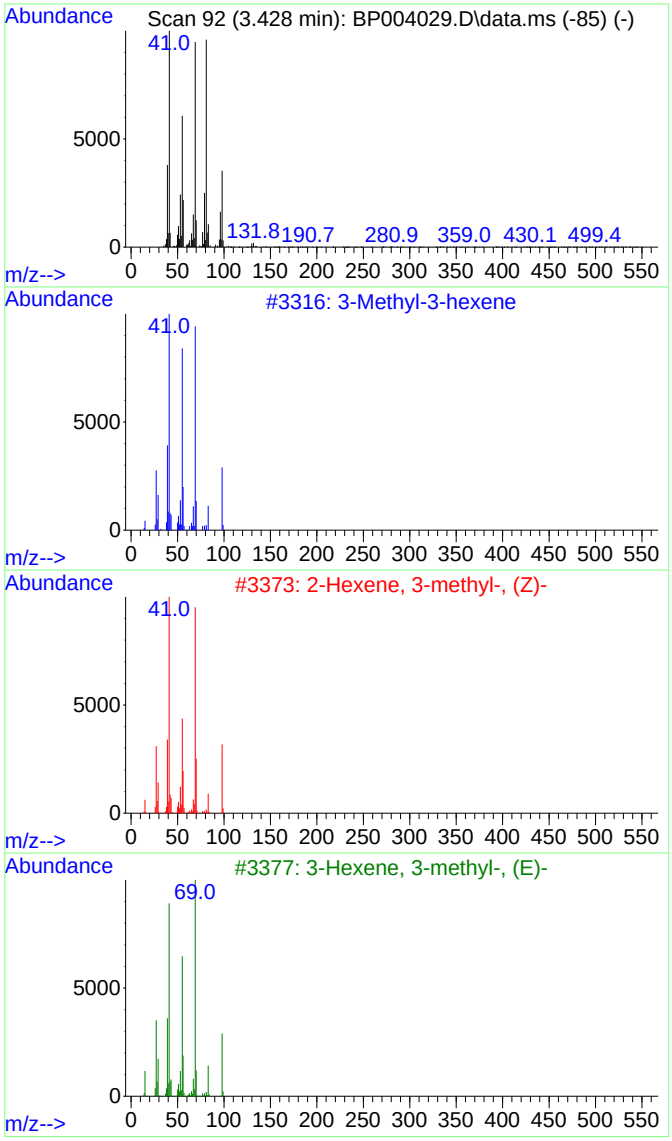
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

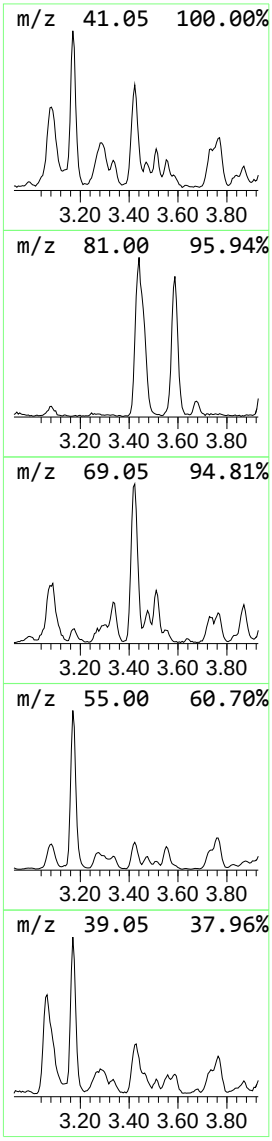
****

Peak Number 3 3-Methyl-3-hexene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.428	12.03 ng	469730	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-hexene	98	C7H14	003404-65-7	64
2	2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	50
3	3-Hexene, 3-methyl-, (E)-	98	C7H14	003899-36-3	46
4	2-Hexene, 2-methyl-	98	C7H14	002738-19-4	45
5	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

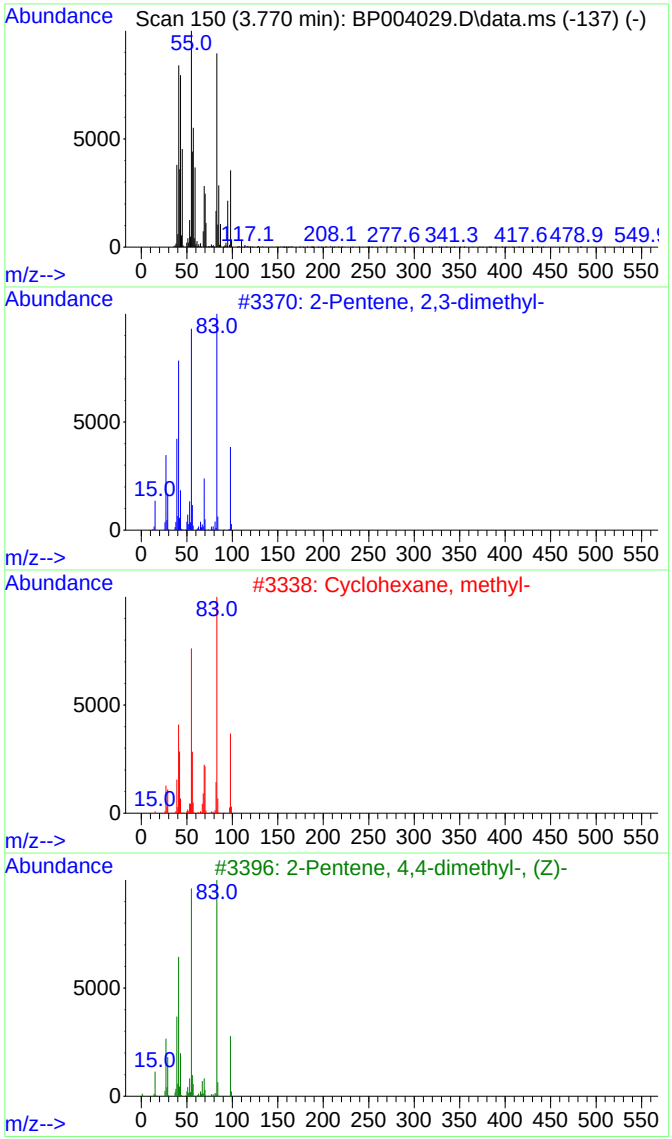
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

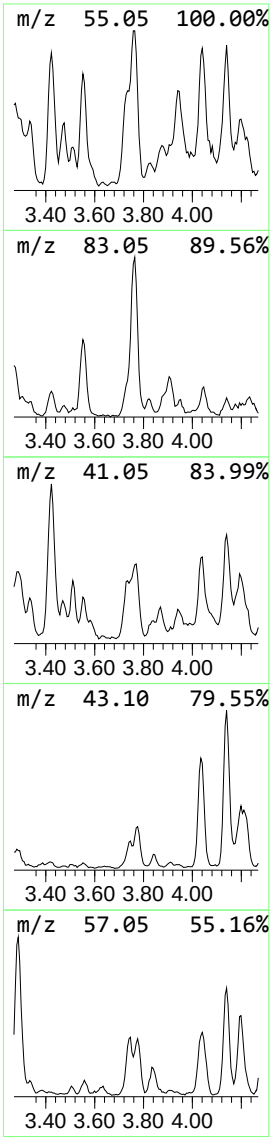
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown3.770 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.770	12.09 ng	472154	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	46
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	43
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	30
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	30
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

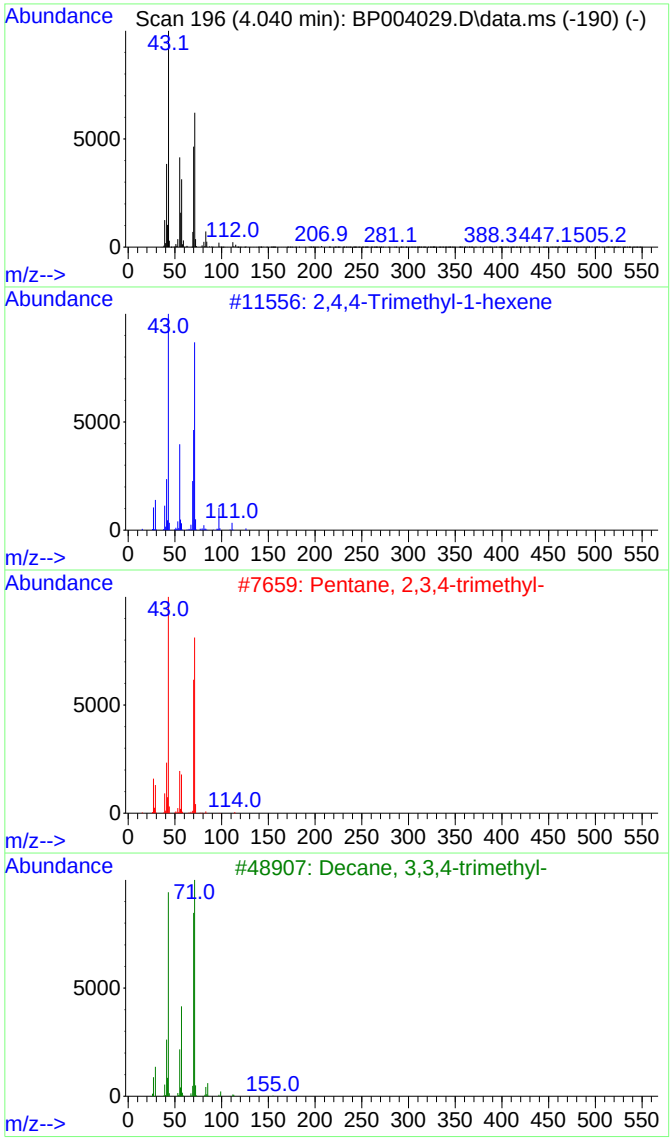
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

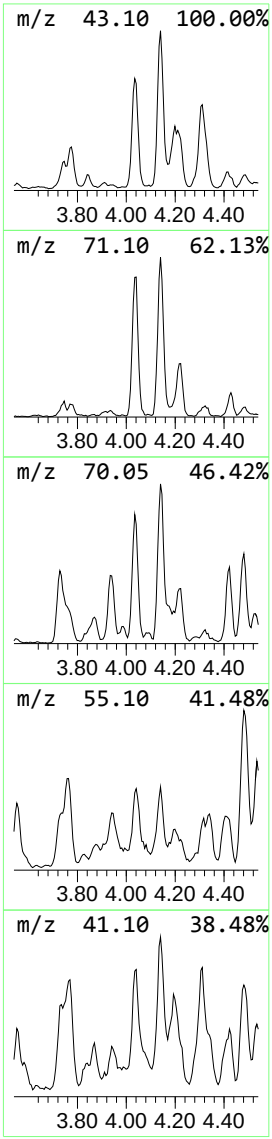
****

Peak Number 5 2,4,4-Trimethyl-1-hexene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.040	11.95 ng	466685	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	72
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
3	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	72
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	72
5	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

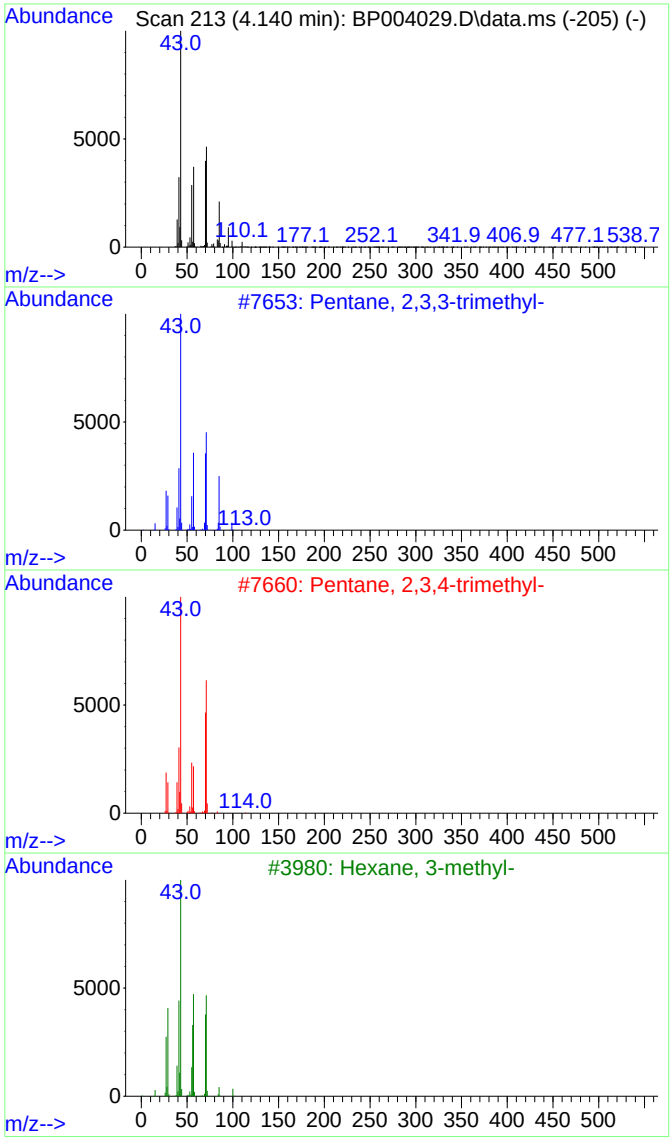
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

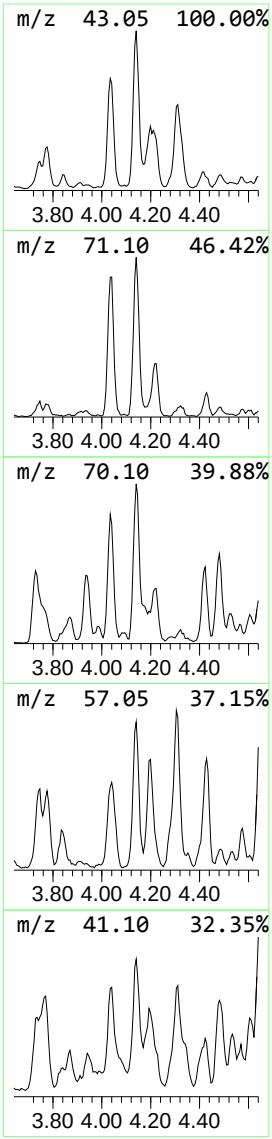
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.140	11.51 ng	449449	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	59
4	Butane, 1-bromo-3-methyl-	150	C5H11Br	000107-82-4	53
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

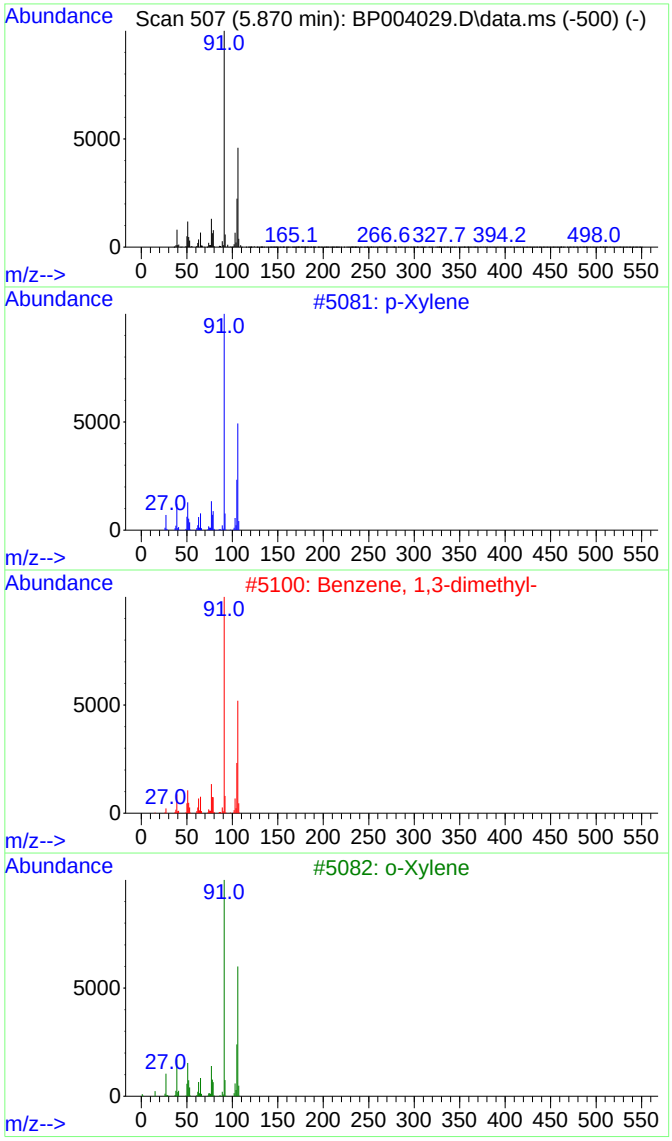
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

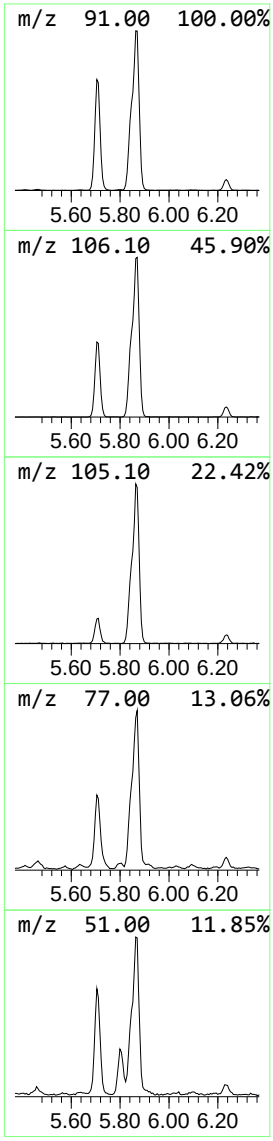
****

Peak Number 8 p-Xylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.870	38.53 ng	1504830	1,4-Dichlorobenzene-d4	8.269

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	95
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	86





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Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2

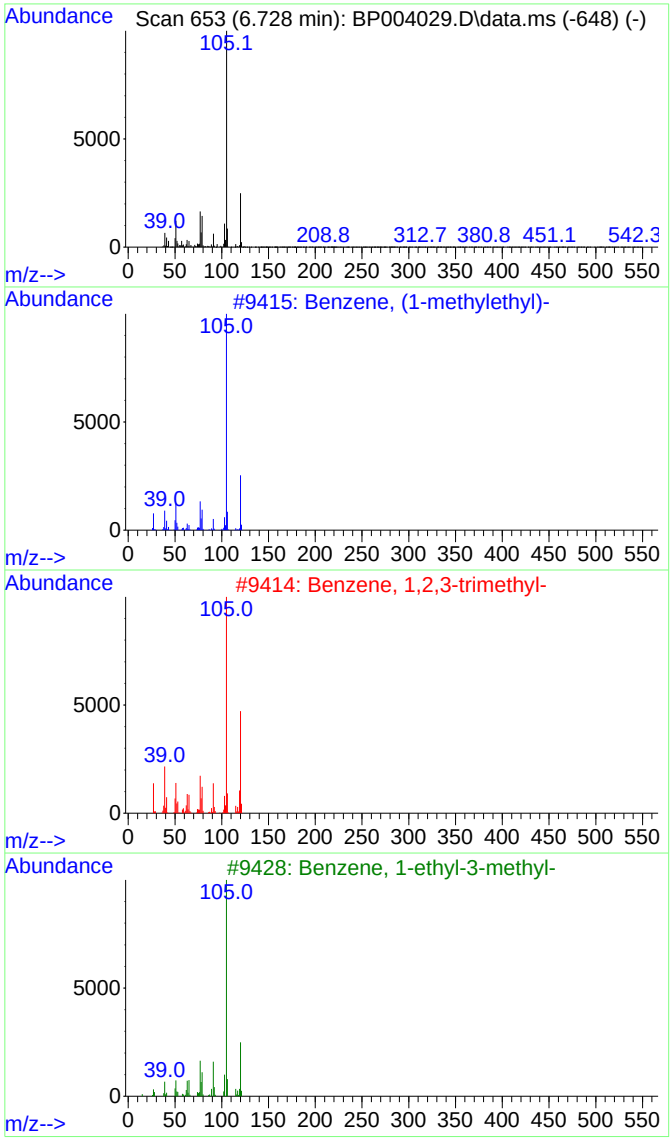
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

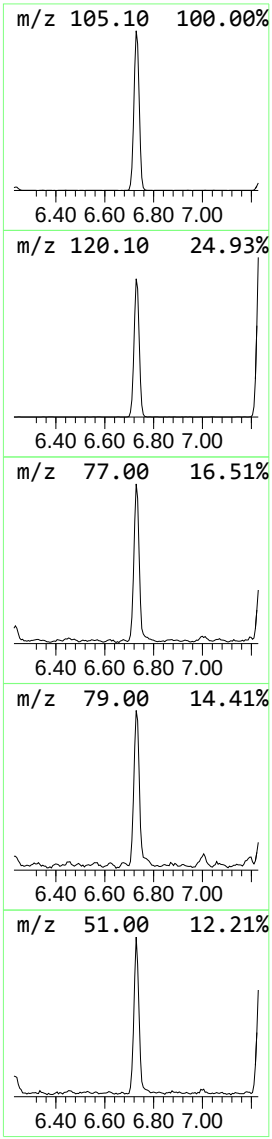
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (1-methylethyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	19.92 ng	777865	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

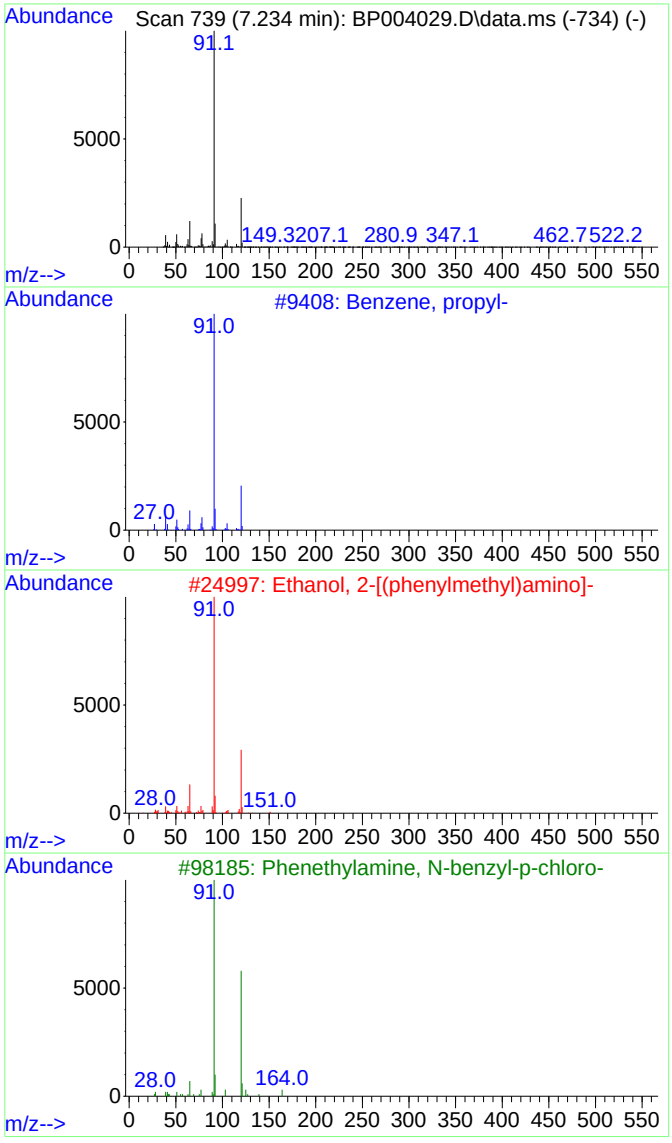
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

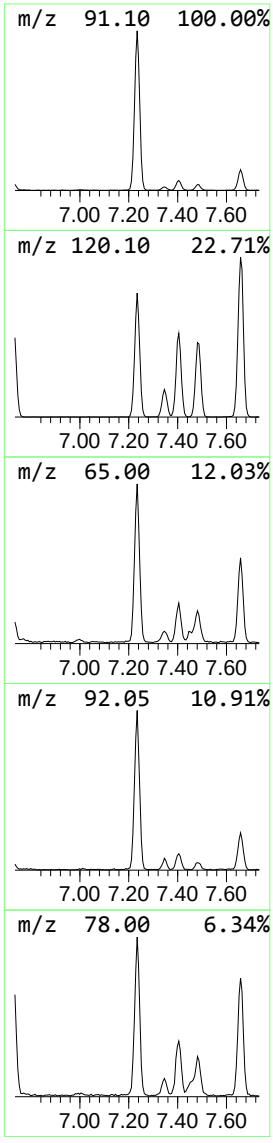
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.234	24.00 ng	937373	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	49





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Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

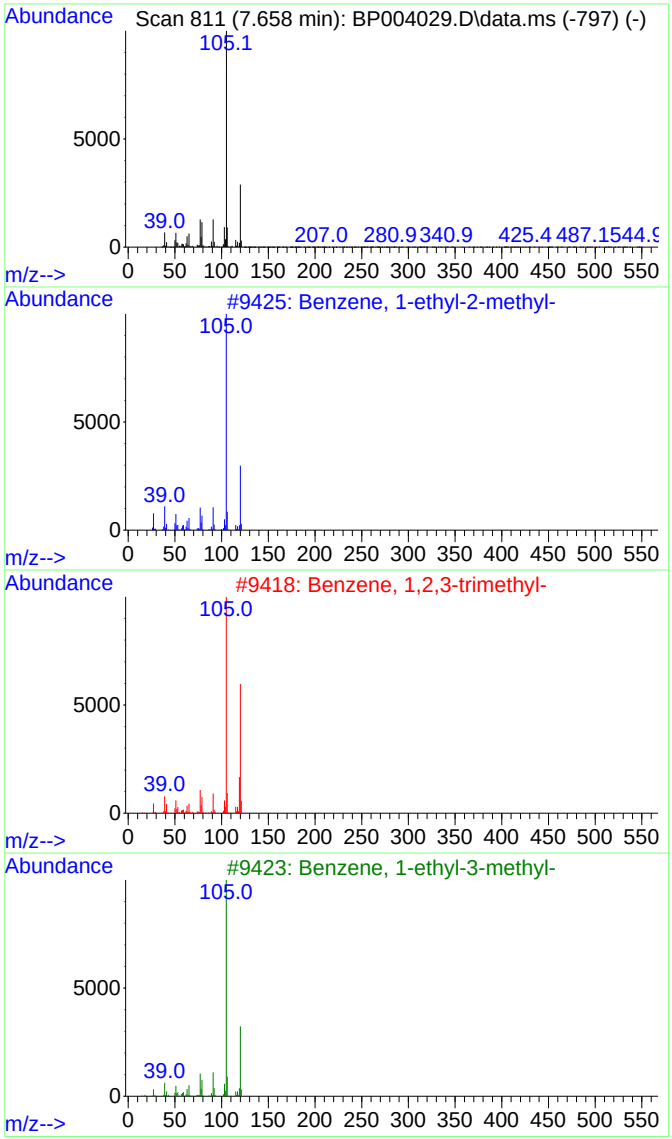
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

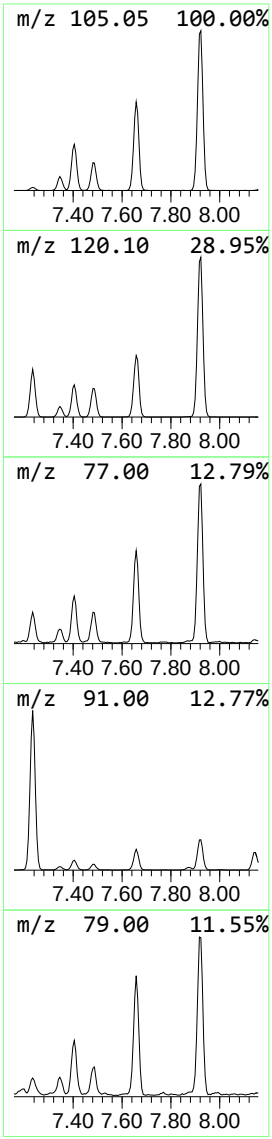
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.658	29.19 ng	1140040	1,4-Dichlorobenzene-d4	8.269

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





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Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

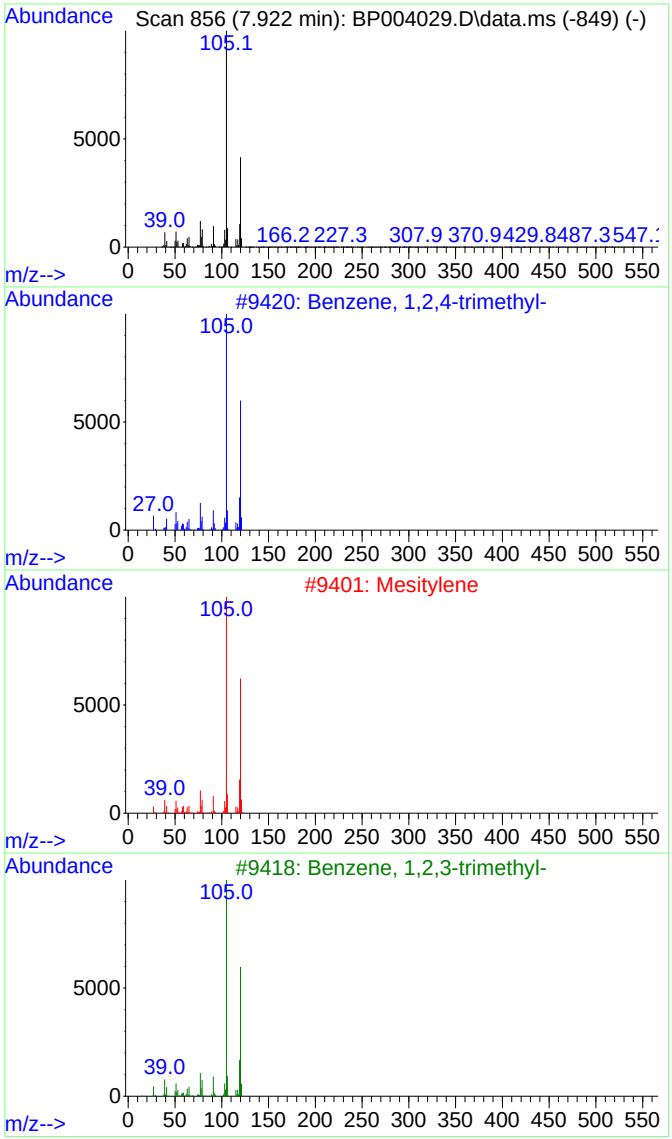
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

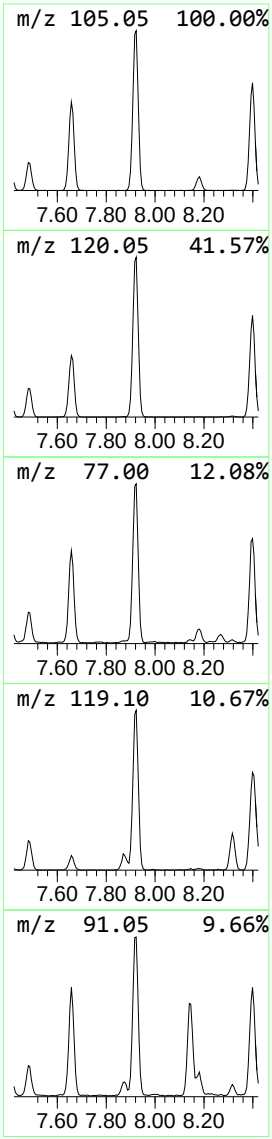
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.922	54.05 ng	2111210	1,4-Dichlorobenzene-d4	8.269

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





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Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

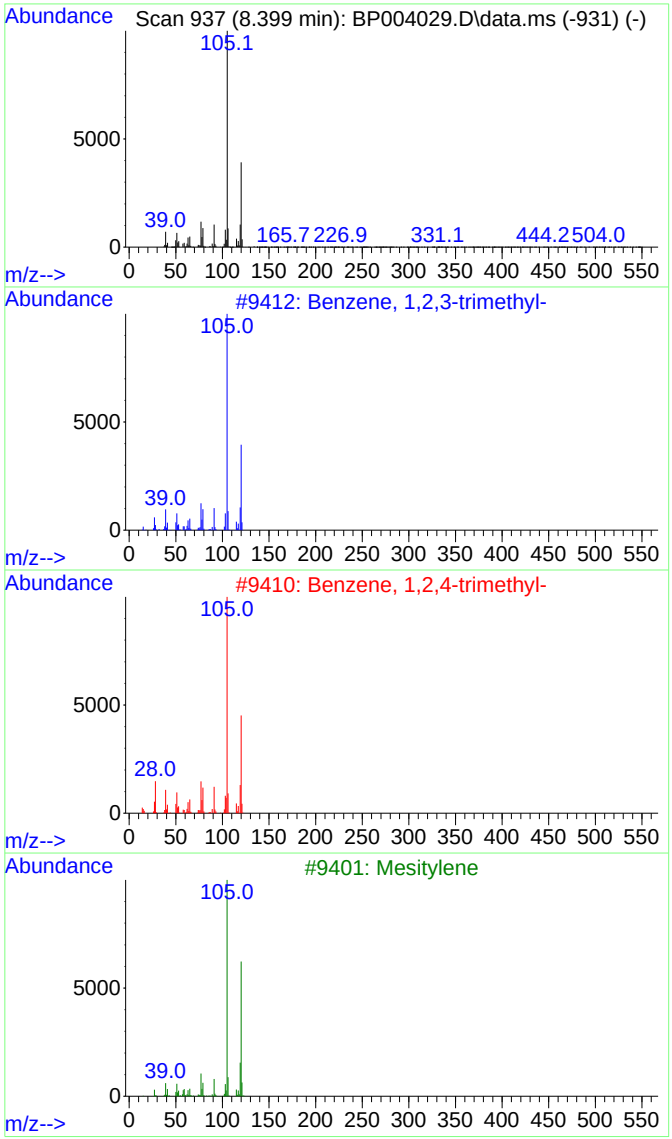
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

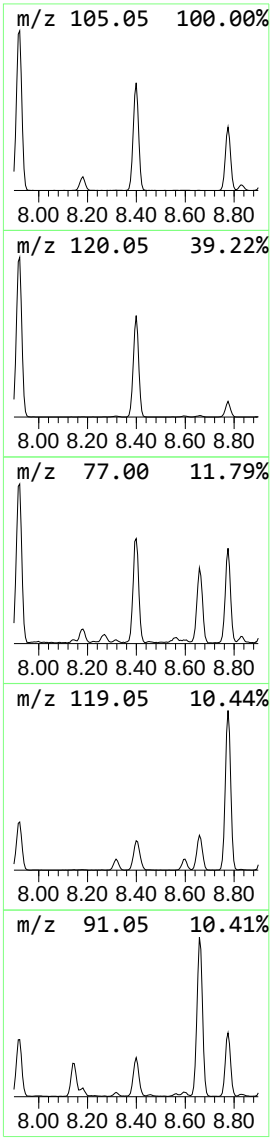
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.399	34.84 ng	1360670	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87





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Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

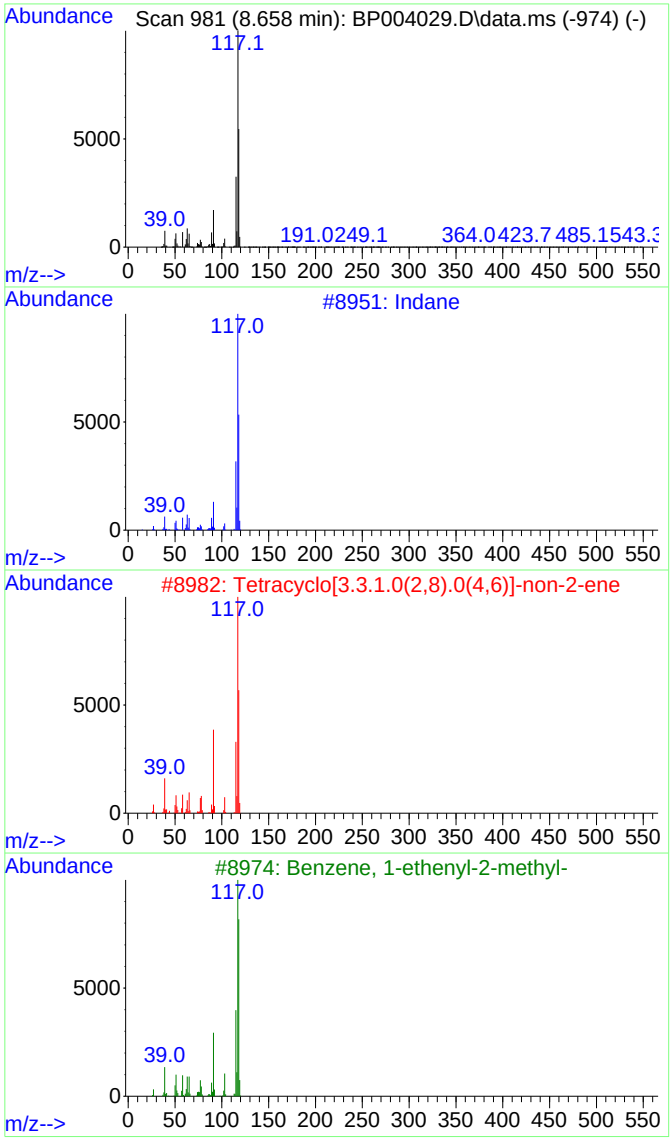
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

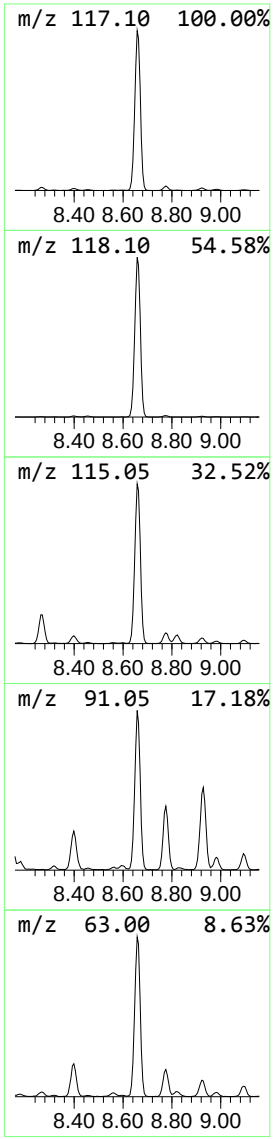
****

Peak Number 14 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.658	101.90 ng	3980010	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
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	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





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Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

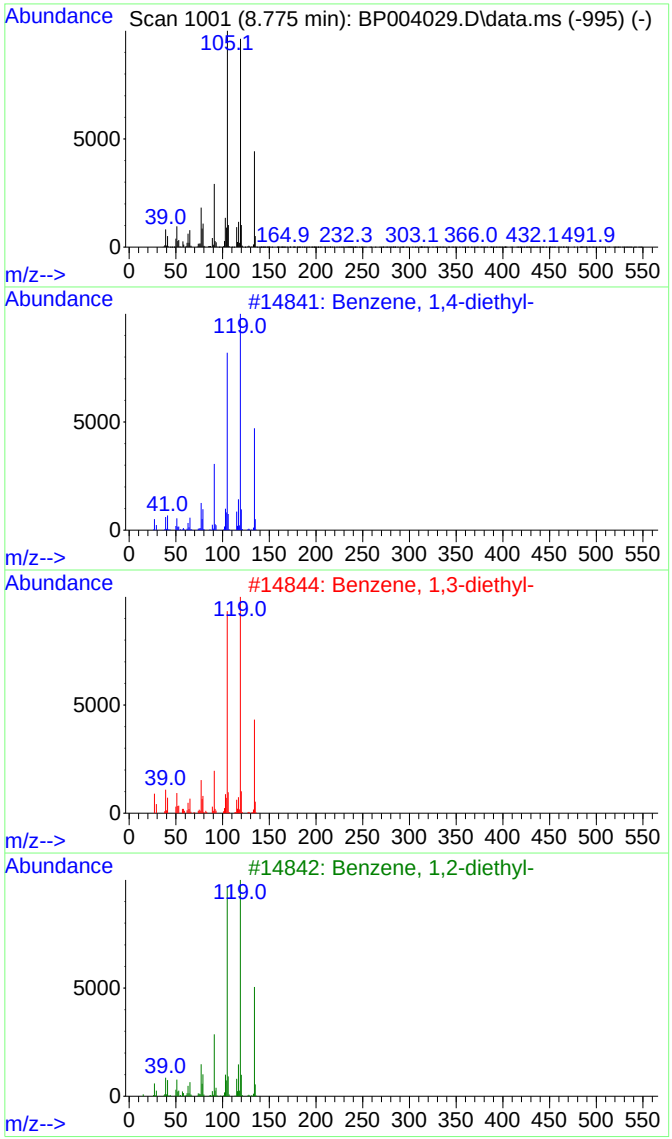
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

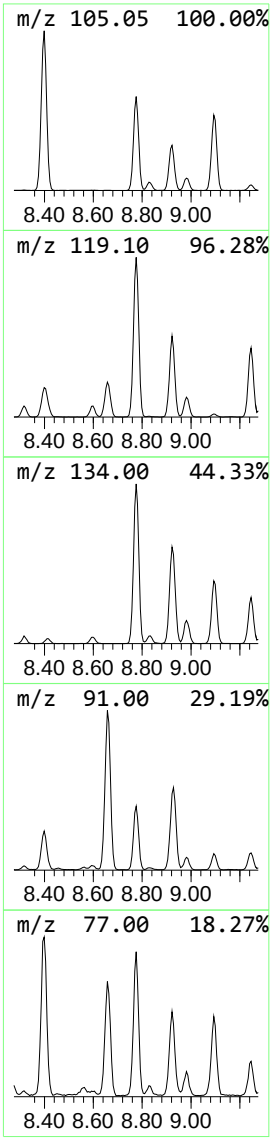
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.775	33.86 ng	1322630	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
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Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

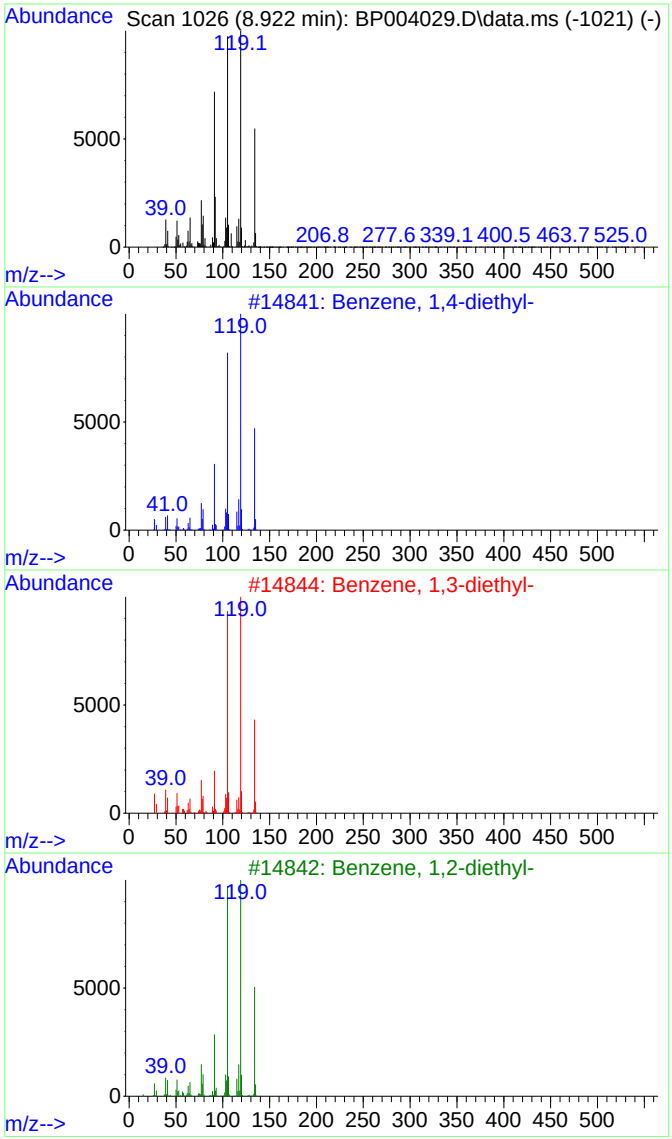
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

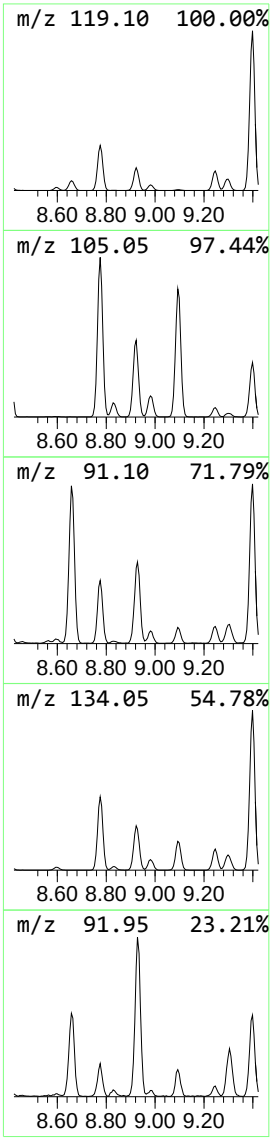
****

Peak Number 16 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.922	24.38 ng	952333	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	81





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Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

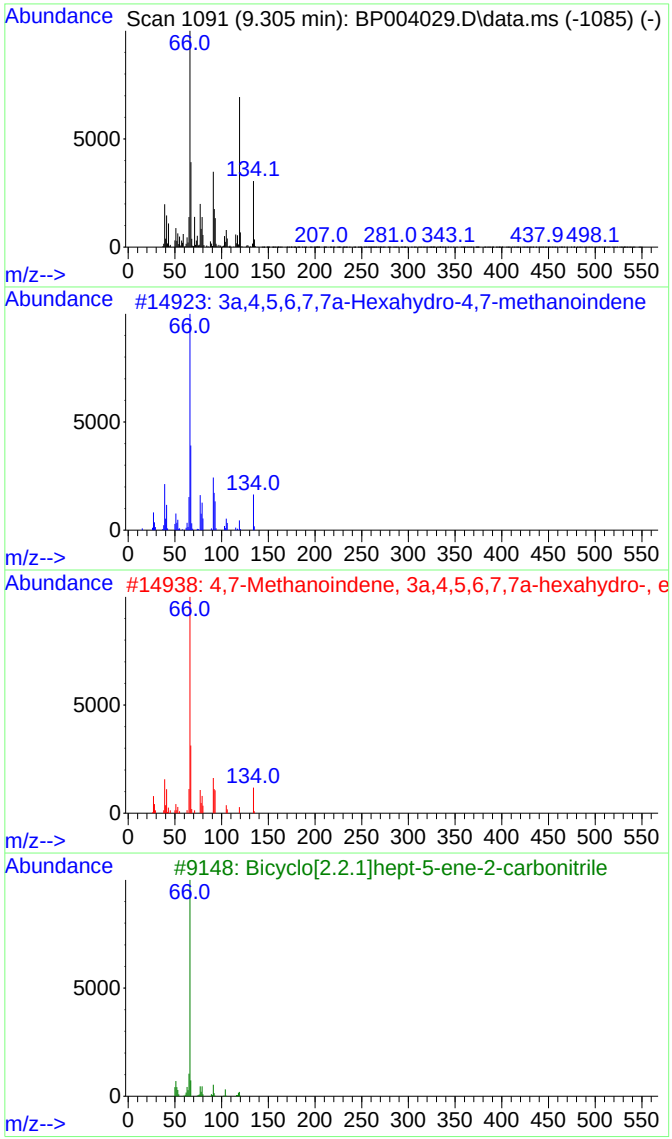
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

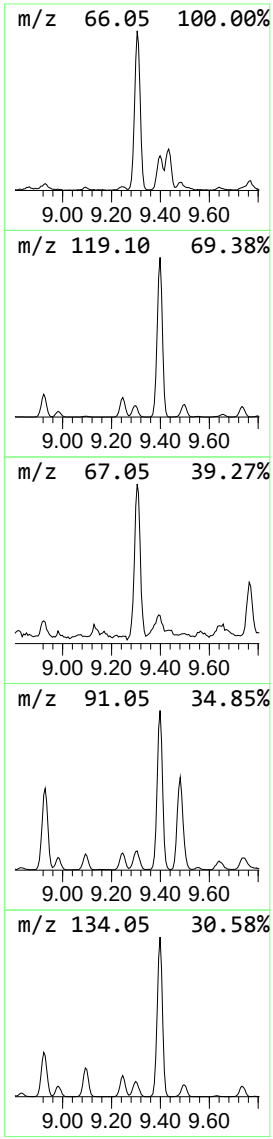
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 3a,4,5,6,7,7a-Hexahydro-4,7... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.305	13.91 ng	543453	1,4-Dichlorobenzene-d4	8.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3a,4,5,6,7,7a-Hexahydro-4,7-meth...	134	C10H14	004488-57-7	93
2	4,7-Methanoindene, 3a,4,5,6,7,7a...	134	C10H14	002825-86-7	72
3	Bicyclo[2.2.1]hept-5-ene-2-carbo...	119	C8H9N	000095-11-4	59
4	Dicyclopentadiene	132	C10H12	000077-73-6	53
5	5-Norbornane-2-carboxaldehyde	122	C8H10O	005453-80-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

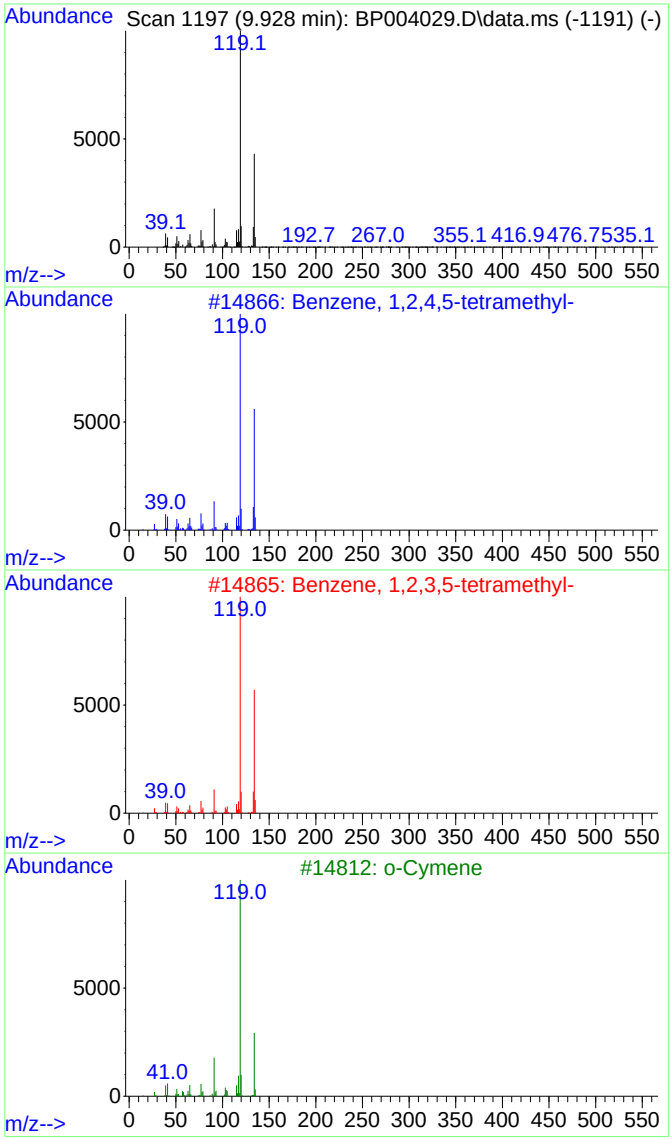
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

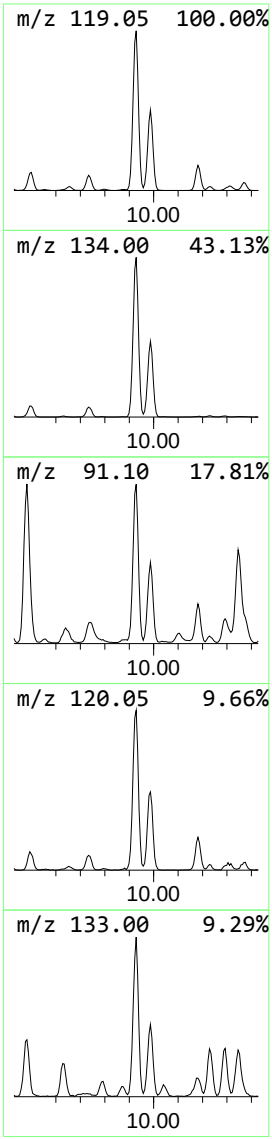
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.928	15.48 ng	1922110	Naphthalene-d8	11.099

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





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Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

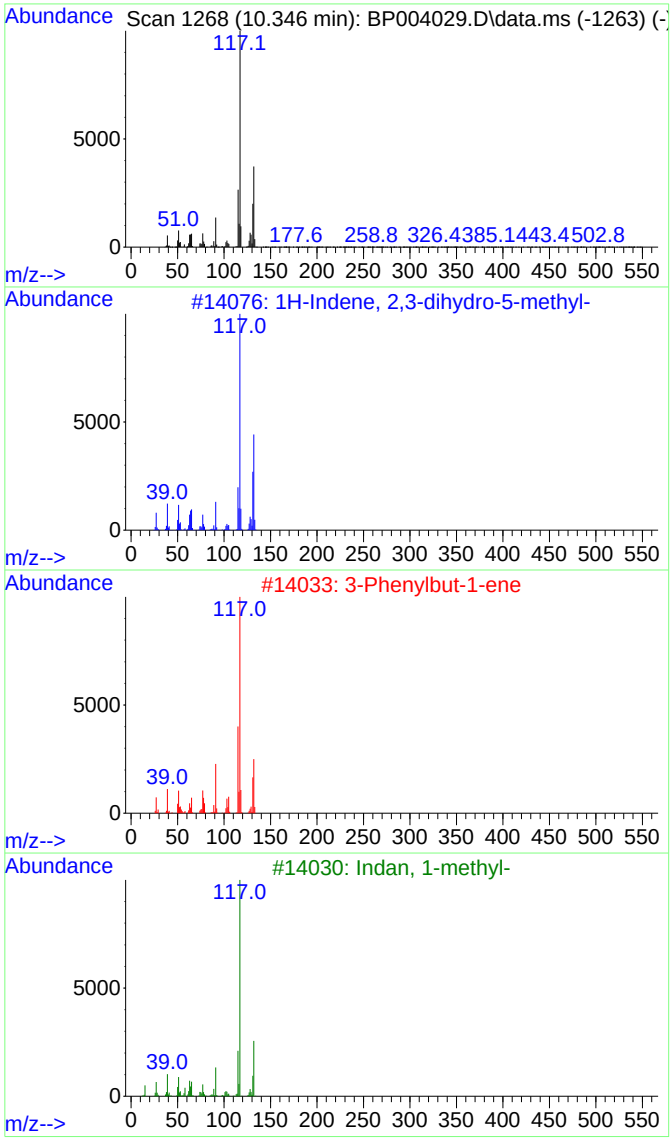
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

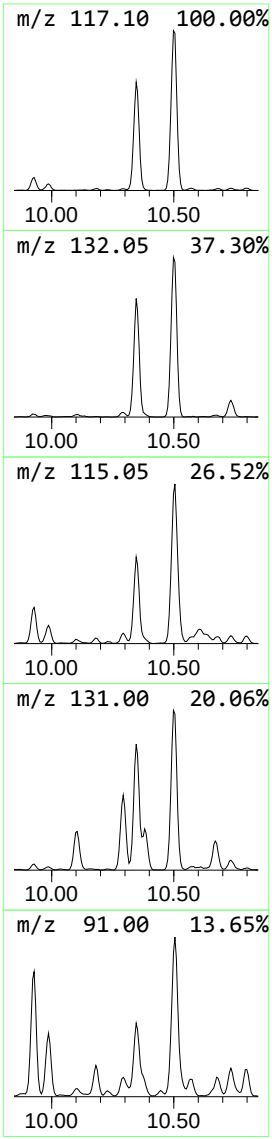
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.346	15.55 ng	1930880	Naphthalene-d8	11.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2

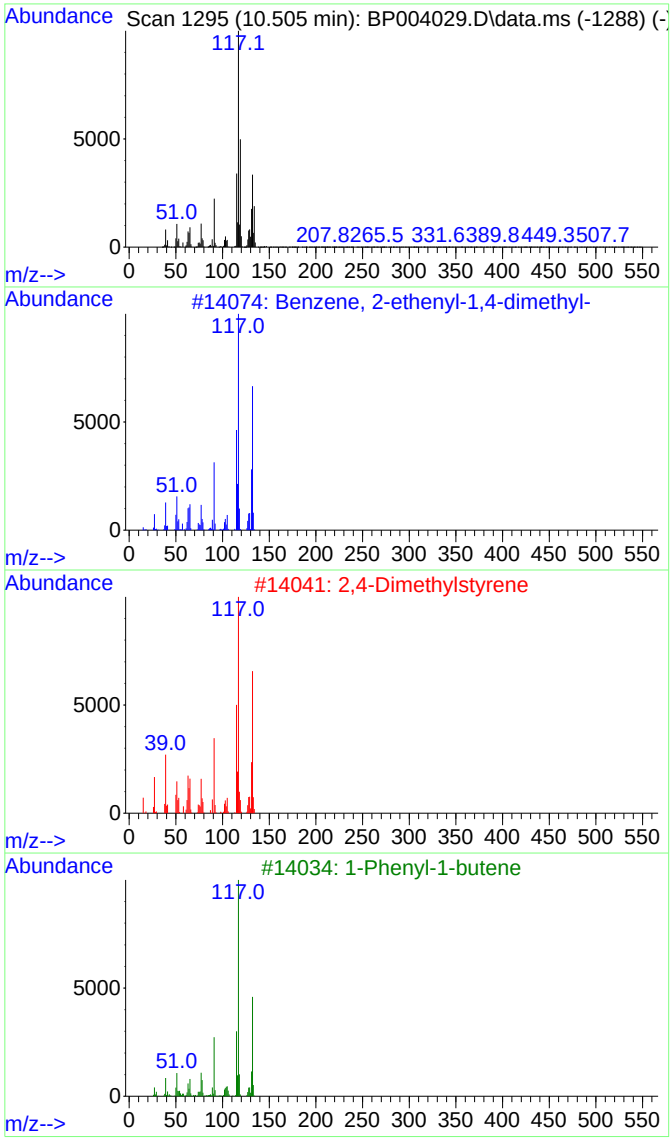
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

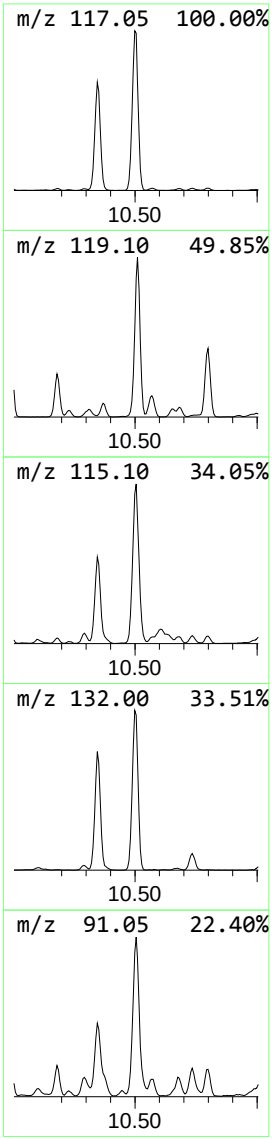
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.505	30.11 ng	3738380	Naphthalene-d8	11.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	70
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004029.D
Acq On : 20 Nov 2020 18:00
Operator : CG/JU
Sample : L4829-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.170	35.7	ng	1395660	1	8.269	781159	20.0
3-Methyl-3-hexene	3.428	12.0	ng	469730	1	8.269	781159	20.0
unknown3.770	3.770	12.1	ng	472154	1	8.269	781159	20.0
2,4,4-Trimethyl...	4.040	11.9	ng	466685	1	8.269	781159	20.0
Pentane, 2,3,3-...	4.140	11.5	ng	449449	1	8.269	781159	20.0
p-Xylene	5.870	38.5	ng	1504830	1	8.269	781159	20.0
Benzene, (1-met...	6.728	19.9	ng	777865	1	8.269	781159	20.0
Benzene, propyl-	7.234	24.0	ng	937373	1	8.269	781159	20.0
Benzene, 1-ethy...	7.658	29.2	ng	1140040	1	8.269	781159	20.0
Benzene, 1,2,4-...	7.922	54.0	ng	2111210	1	8.269	781159	20.0
Benzene, 1,2,3-...	8.399	34.8	ng	1360670	1	8.269	781159	20.0
Indane	8.658	101.9	ng	3980010	1	8.269	781159	20.0
Benzene, 1,4-di...	8.775	33.9	ng	1322630	1	8.269	781159	20.0
Benzene, 1,3-di...	8.922	24.4	ng	952333	1	8.269	781159	20.0
3a,4,5,6,7,7a-H...	9.305	13.9	ng	543453	1	8.269	781159	20.0
Benzene, 1,2,4,...	9.928	15.5	ng	1922110	2	11.099	2483360	20.0
1H-Indene, 2,3-...	10.346	15.6	ng	1930880	2	11.099	2483360	20.0
Benzene, 2-ethe...	10.505	30.1	ng	3738380	2	11.099	2483360	20.0