LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

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\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.099	330	342	349	rVB	2834108	5744251	14.61%	2.511%
2	5.646	601	605	615	rVB2	244780	456745	1.16%	0.200%
3	6.052	664	674	678	rBV	9545942	15097512	38.39%	6.600%
4	6.234	692	705	707	rBV	15040418	39322001	100.00%	17.191%
5	6.593	755	766	770	rBV	10400772	15899367	40.43%	6.951%
6	7.064	839	846	853	rBV	840855	1024243	2.60%	0.448%
7	7.505	916	921	927	rVB	1225758	1538102	3.91%	0.672%
8	7.616	934	940	944	rBV	6365776	8014732	20.38%	3.504%
9	7.664	944	948	952	rVB	3730181	4274289	10.87%	1.869%
10	7.734	954	960	963	rBV	4236426	5199785	13.22%	2.273%
11	7.769	963	966	975	rVB2	1160785	1892976	4.81%	0.828%
12	7.858	975	981	985	rBV	4248852	4989311	12.69%	2.181%
13	7.963	993	999	1006	rBV	2498446	3378074	8.59%	1.477%
14	8.093	1012	1021	1024	rBV	12718205	20371014	51.81%	8.906%
15	8.328	1057	1061	1070	rBV	1014280	1263222	3.21%	0.552%
16	8.440	1070	1080	1083	rBV	5620511	7530141	19.15%	3.292%
17	8.569	1097	1102	1106	rBV	2804060	3390030	8.62%	1.482%
18	8.622	1106	1111	1115	rVB	5582612	6625182	16.85%	2.896%
19	8.740	1126	1131	1136	rBV2	1940013	2715586	6.91%	1.187%
20	8.787	1136	1139	1144	rVB	949438	1052755	2.68%	0.460%
21	8.858	1145	1151	1155	rBV2	2043768	2818824	7.17%	1.232%
22	8.969	1166	1170	1173	rBV	623318	801968	2.04%	0.351%
23	9.087	1185	1190	1193	rBV	1432819	1786605	4.54%	0.781%
24	9.128	1193	1197	1202	rVV	1120248	1382107	3.51%	0.604%
25	9.205	1202	1210	1213	rVV2	3614051	5790891	14.73%	2.532%
26	9.240	1213	1216	1226	rVB2	1764902	2237373	5.69%	0.978%
27	9.428	1244	1248	1254	rVB	1137128	1347175	3.43%	0.589%
28	9.569	1267	1272	1276	rBV	1518869	1765929	4.49%	0.772%
29	9.616	1276	1280	1284	rVB	2184346	2493179	6.34%	1.090%
30	9.857	1315	1321	1327	rVB2	2389122	3549003	9.03%	1.552%
31	9.963	1333	1339	1345	rBV2	3024216	4778446	12.15%	2.089%
32	10.034	1345	1351	1354	rVV2	717055	1319466	3.36%	0.577%
33	10.063	1354	1356	1361	rVV2	685715	891128	2.27%	0.390%
34	10.116	1361	1365	1369	rVV2	542482	702381	1.79%	0.307%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

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\8270-BP112719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.328	1397	1401	1404	rVV3	448023	702600	1.79%	0.307%
36	10.363	1404	1407	1410	rVV2	1661325	2642034	6.72%	1.155%
37	10.405	1410	1414	1418	rVV	5579859	7418876	18.87%	3.243%
38	10.469	1422	1425	1429	rVV2	597188	929988	2.37%	0.407%
39	10.793	1472	1480	1483	rBV3	671025	1403236	3.57%	0.613%
40	10.840	1484	1488	1491	rVV2	640164	876208	2.23%	0.383%
41	10.993	1510	1514	1516	rBV	633370	735022	1.87%	0.321%
42	11.016	1516	1518	1526	rVB	547535	692909	1.76%	0.303%
43	11.116	1527	1535	1537	rBV2	399705	581048	1.48%	0.254%
44	11.152	1537	1541	1544	rVV3	527024	698257	1.78%	0.305%
45	11.334	1569	1572	1577	rVB2	303721	468963	1.19%	0.205%
46	11.534	1598	1606	1610	rVV	2351930	2987387	7.60%	1.306%
47	11.687	1625	1632	1638	rBV2	1855304	2423874	6.16%	1.060%
48	12.146	1704	1710	1714	rVB	3520386	4160133	10.58%	1.819%
49	12.287	1725	1734	1739	rBV4	219306	462234	1.18%	0.202%
50	12.551	1776	1779	1787	rVB2	311248	430861	1.10%	0.188%
51	12.816	1819	1824	1830	rBV	786685	985574	2.51%	0.431%
52	13.228	1888	1894	1908	rBV	1793206	2251429	5.73%	0.984%
53	14.516	2109	2113	2124	rVB	2227940	3032611	7.71%	1.326%
54	14.751	2145	2153	2161	rBV3	200062	417377	1.06%	0.182%
55	15.022	2192	2199	2207	rVB	291214	424991	1.08%	0.186%
56	15.622	2296	2301	2305	rBV	1852793	2107193	5.36%	0.921%
57	16.522	2447	2454	2465	rBV2	971692	1502161	3.82%	0.657%
58	17.604	2634	2638	2647	rBV	611157	788972	2.01%	0.345%
59	17.910	2684	2690	2694	rBV	3784337	4239498	10.78%	1.853%
60	19.169	2898	2904	2916	rBV2	254151	681431	1.73%	0.298%
61	19.269	2916	2921	2925	rVB	1396453	1657191	4.21%	0.725%
62	21.045	3217	3223	3232	rVB	1129582	1589257	4.04%	0.695%

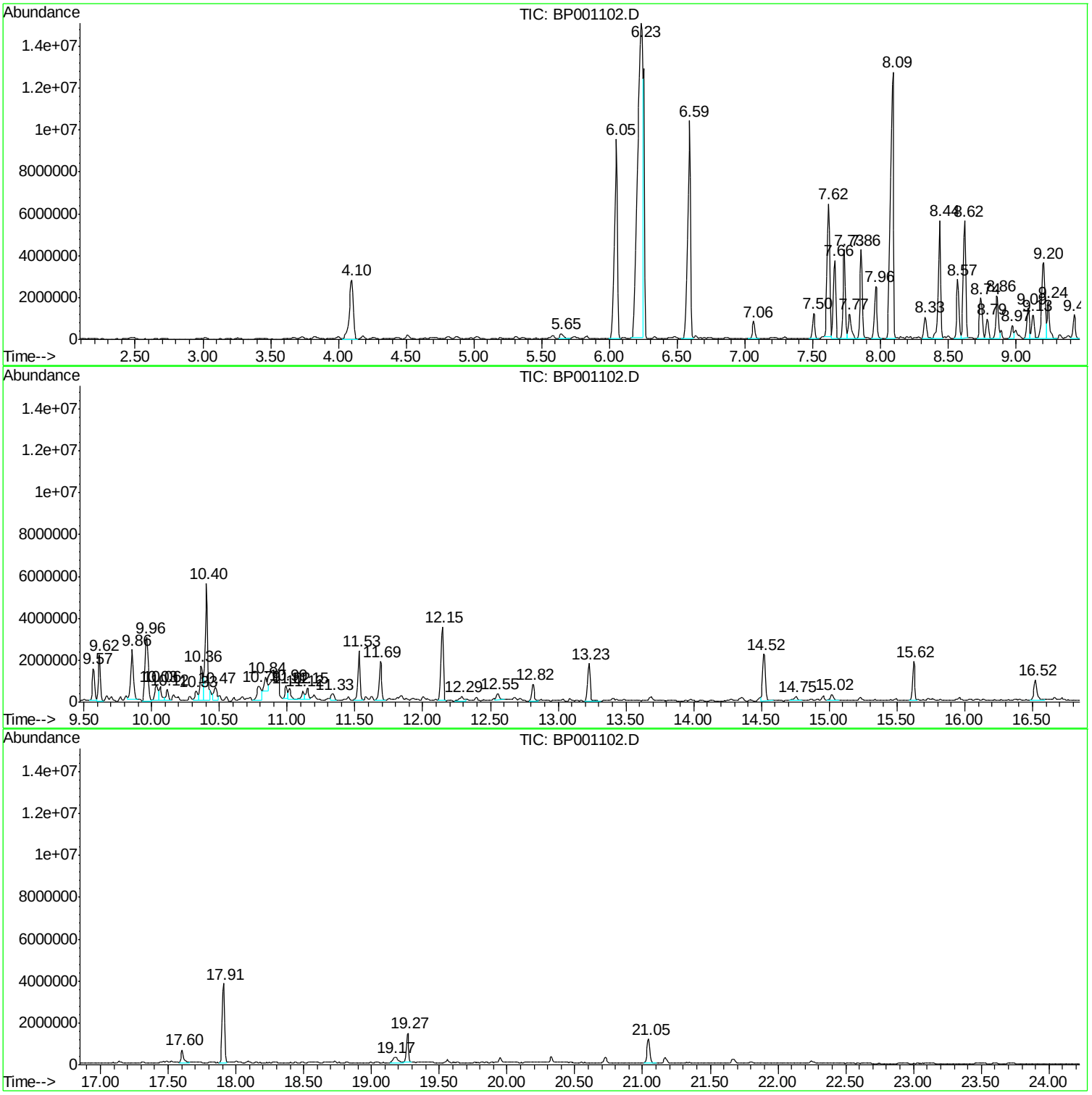
Sum of corrected areas: 228735108

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

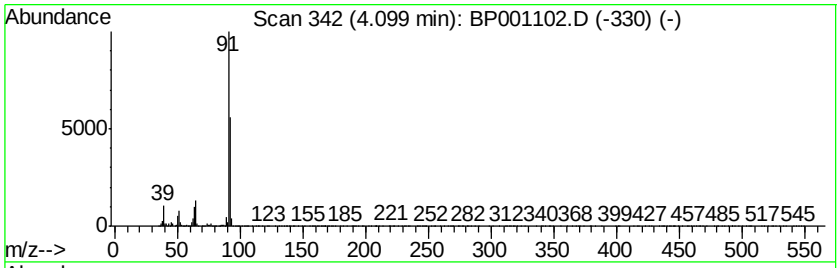
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

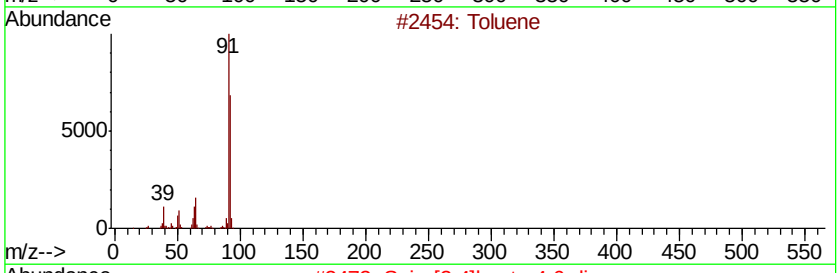
****

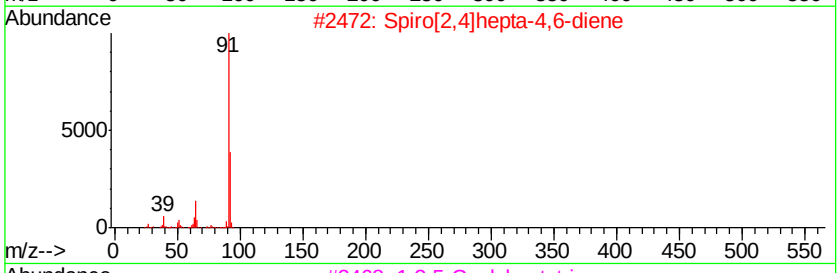
Peak Number 1 Spiro[2,4]hepta-4,6-diene Concentration Rank 7

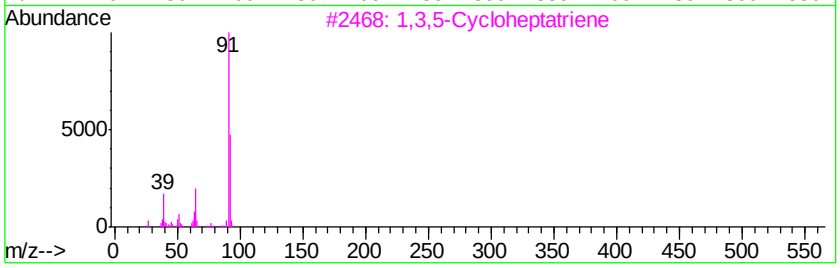
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	90.95 ng	5744250	1,4-Dichlorobenzene-d4	8.33

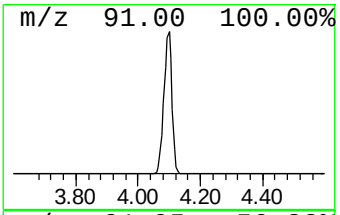
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
4	2,5-Norbornadiene	92	C7H8	000121-46-0	83
5	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72

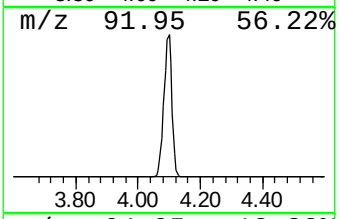


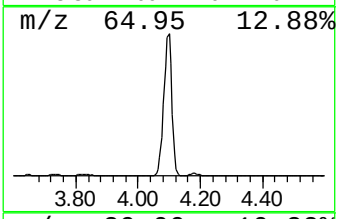


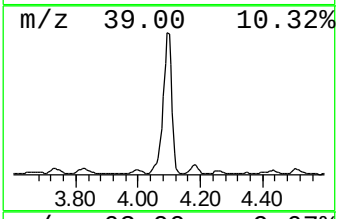


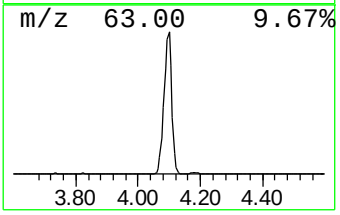












Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

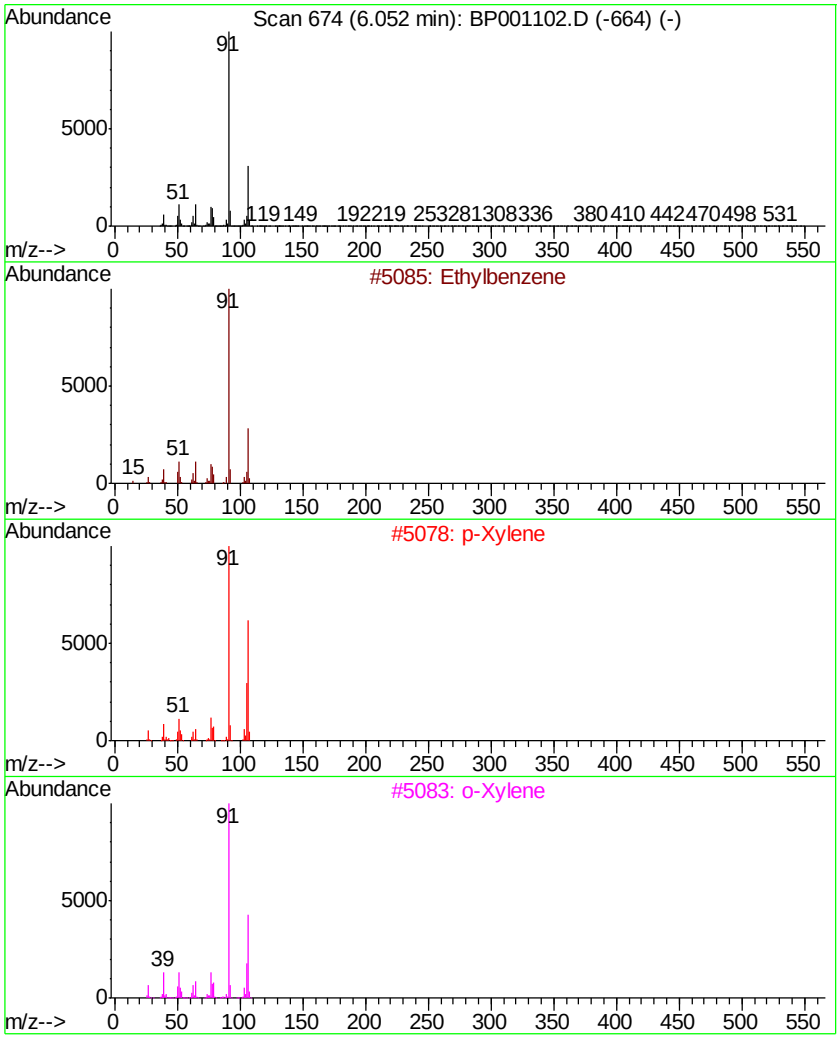
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

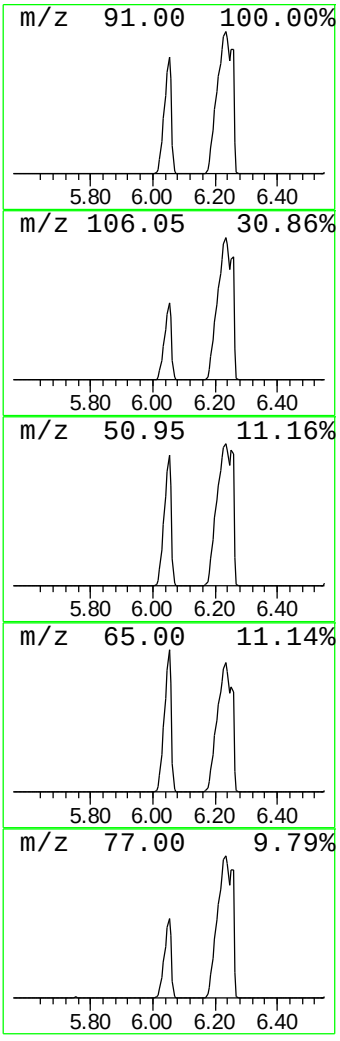
****

Peak Number 2 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.05	239.03 ng	15097500	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	95
2	p-Xylene	106	C8H10	000106-42-3	72
3	o-Xylene	106	C8H10	000095-47-6	72
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	72
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

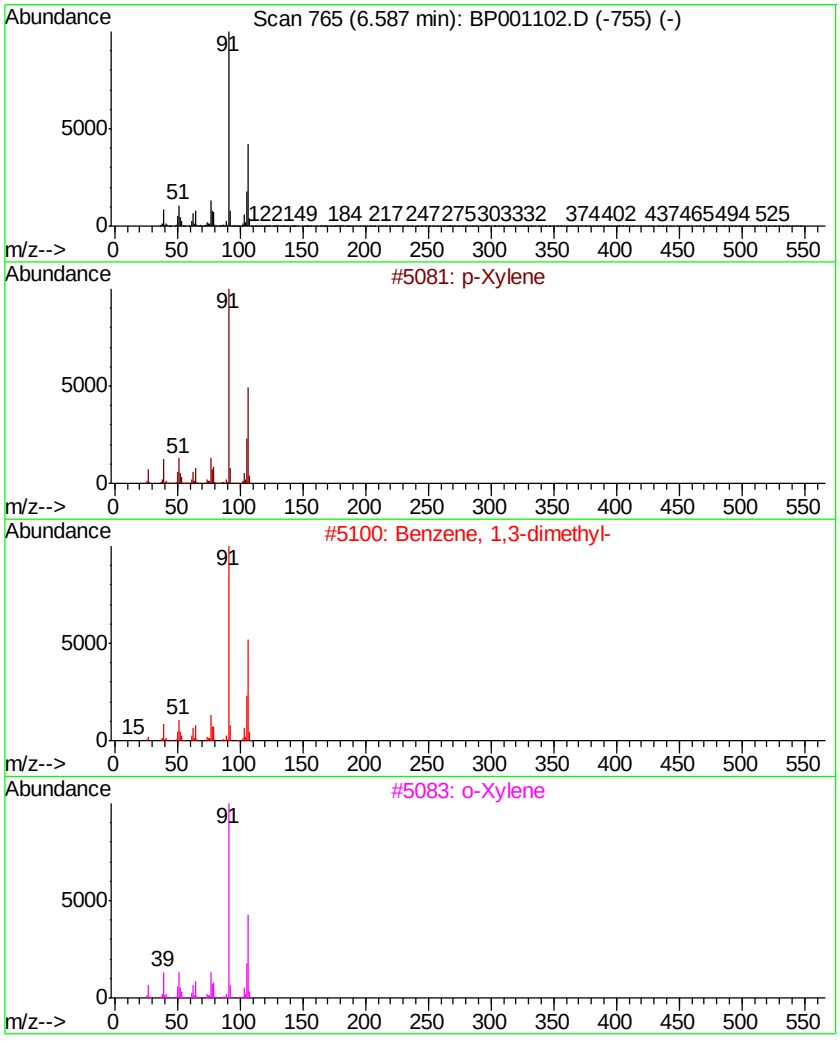
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

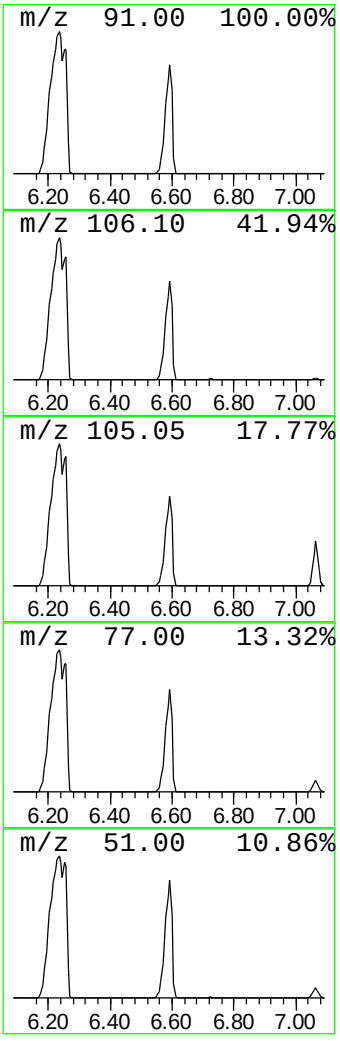
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	251.73 ng	15899400	1,4-Dichlorobenzene-d4	8.33

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	91
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

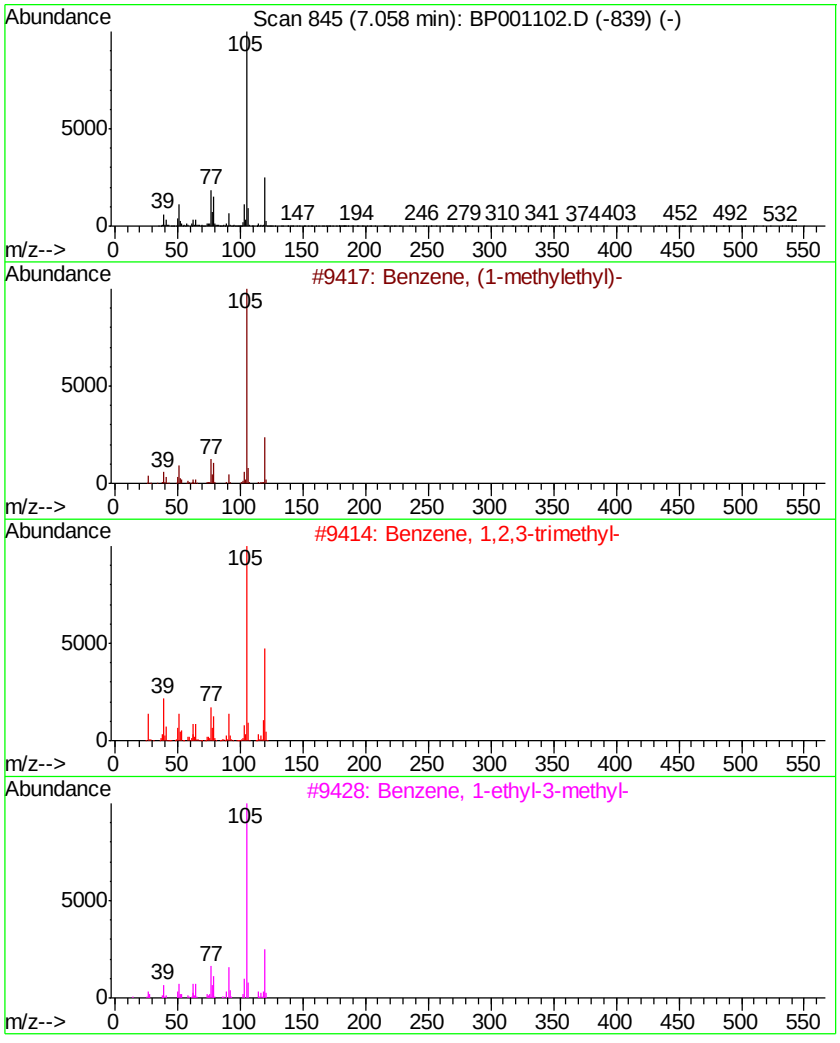
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

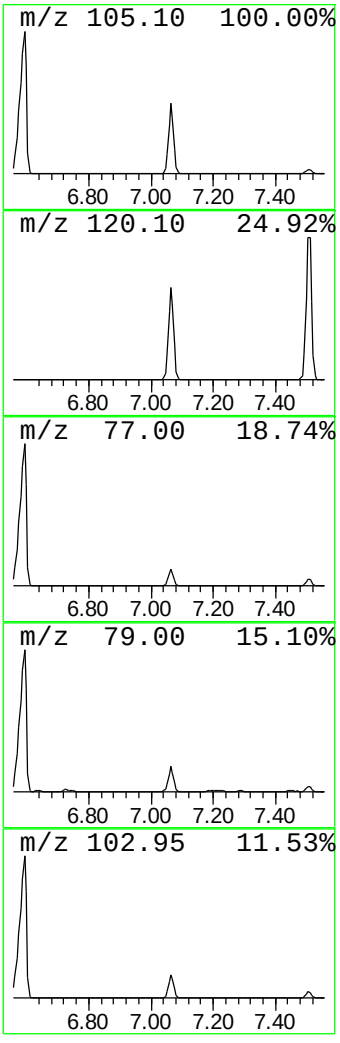
****

Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	16.22 ng	1024240	1,4-Dichlorobenzene-d4	8.33

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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	80
4	Mesitylene	120	C9H12	000108-67-8	78
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

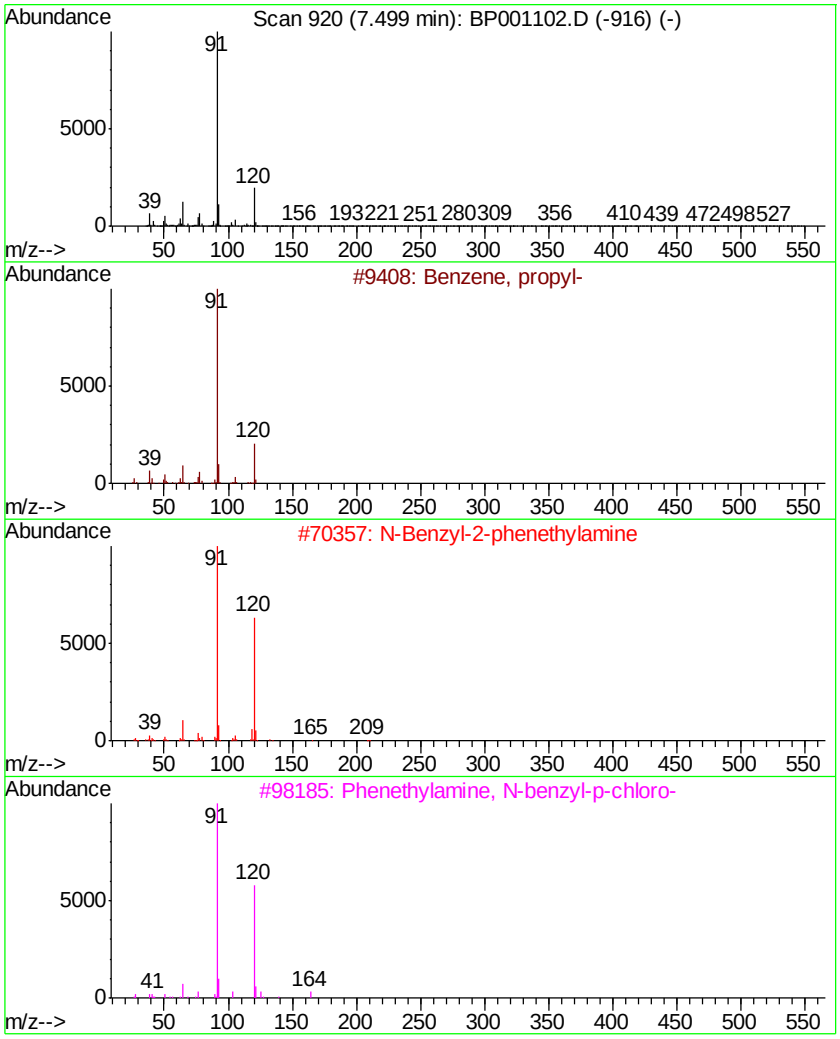
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

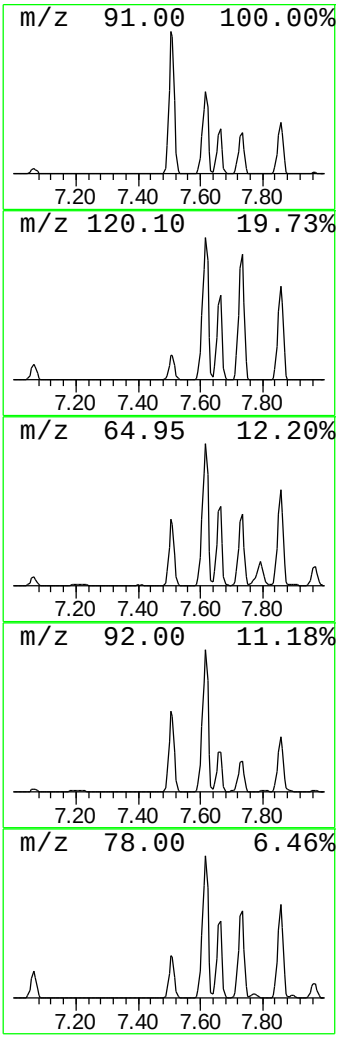
****

Peak Number 5 Benzene, propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	24.35 ng	1538100	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	78
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	78
5	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

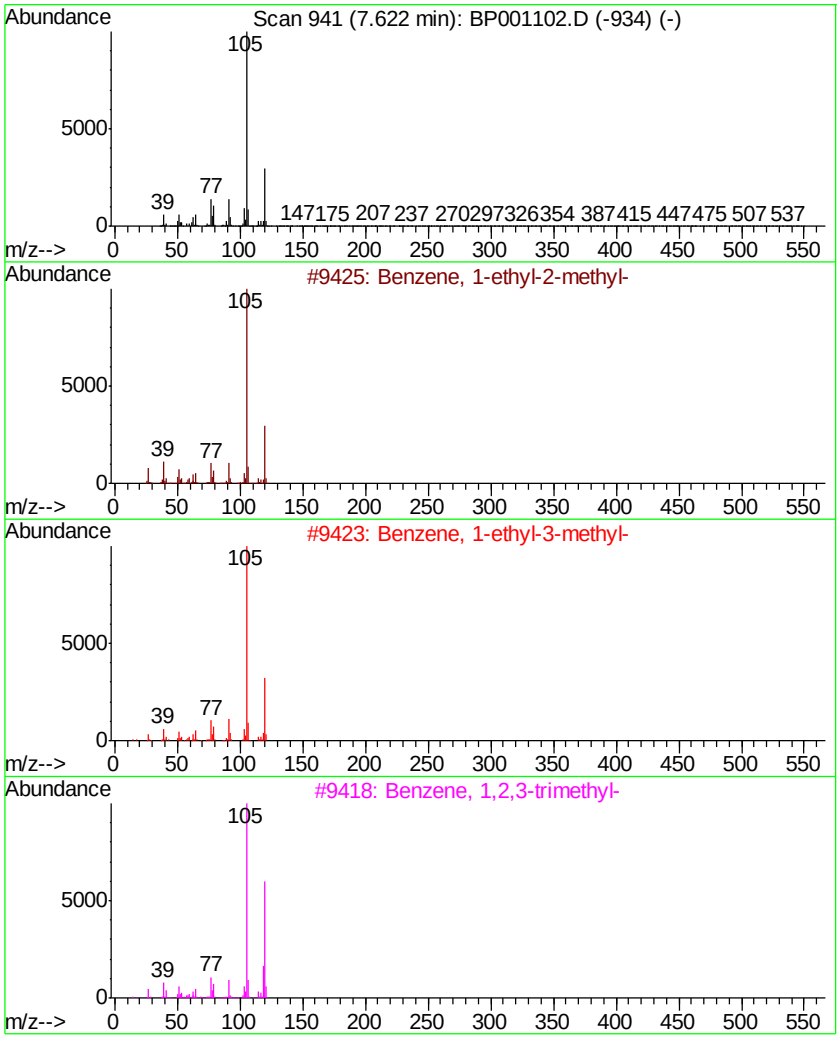
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

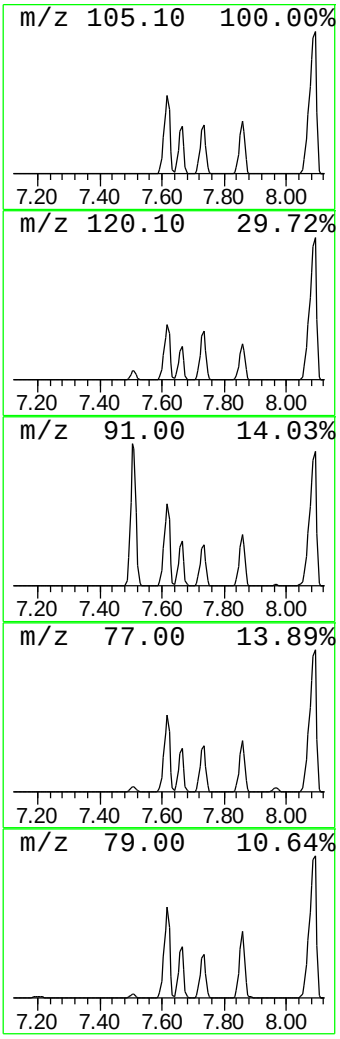
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	126.89 ng	8014730	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

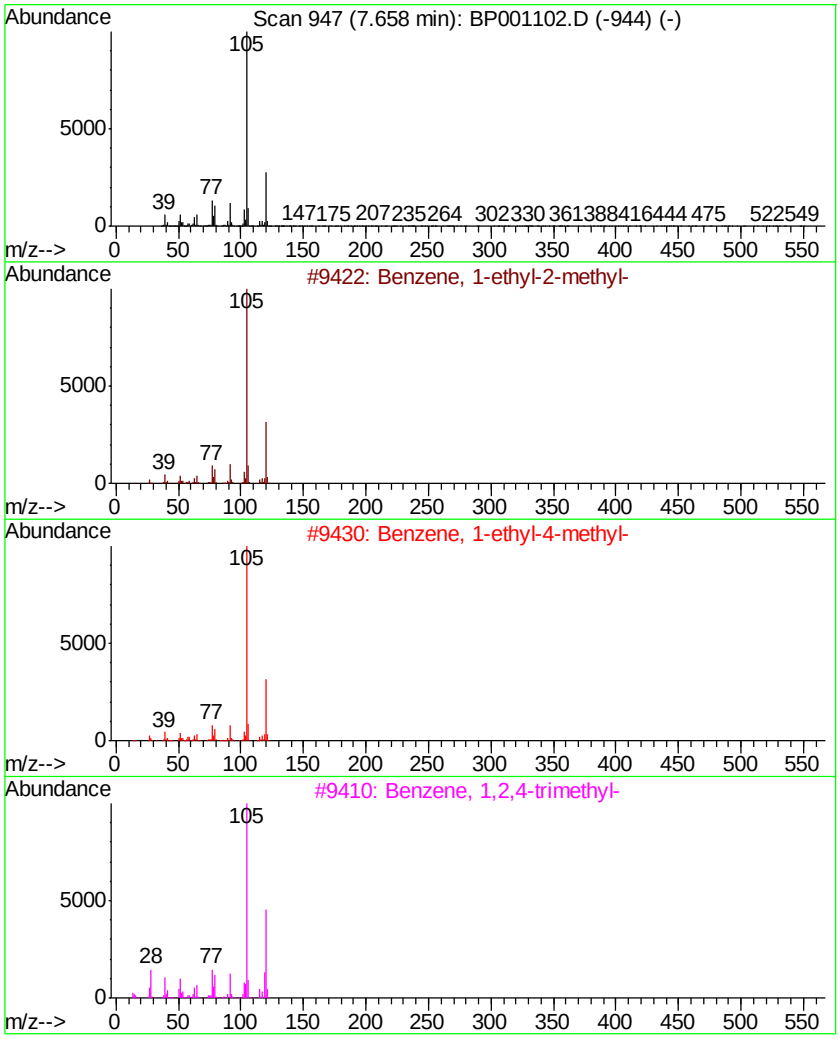
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

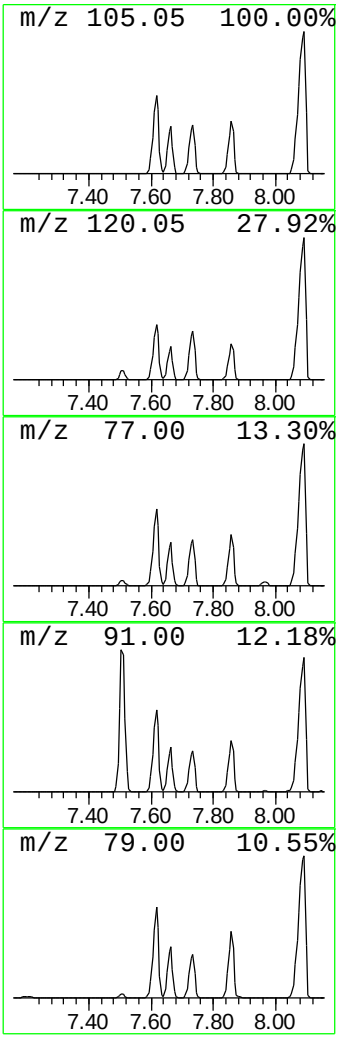
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	67.67 ng	4274290	1,4-Dichlorobenzene-d4	8.33

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

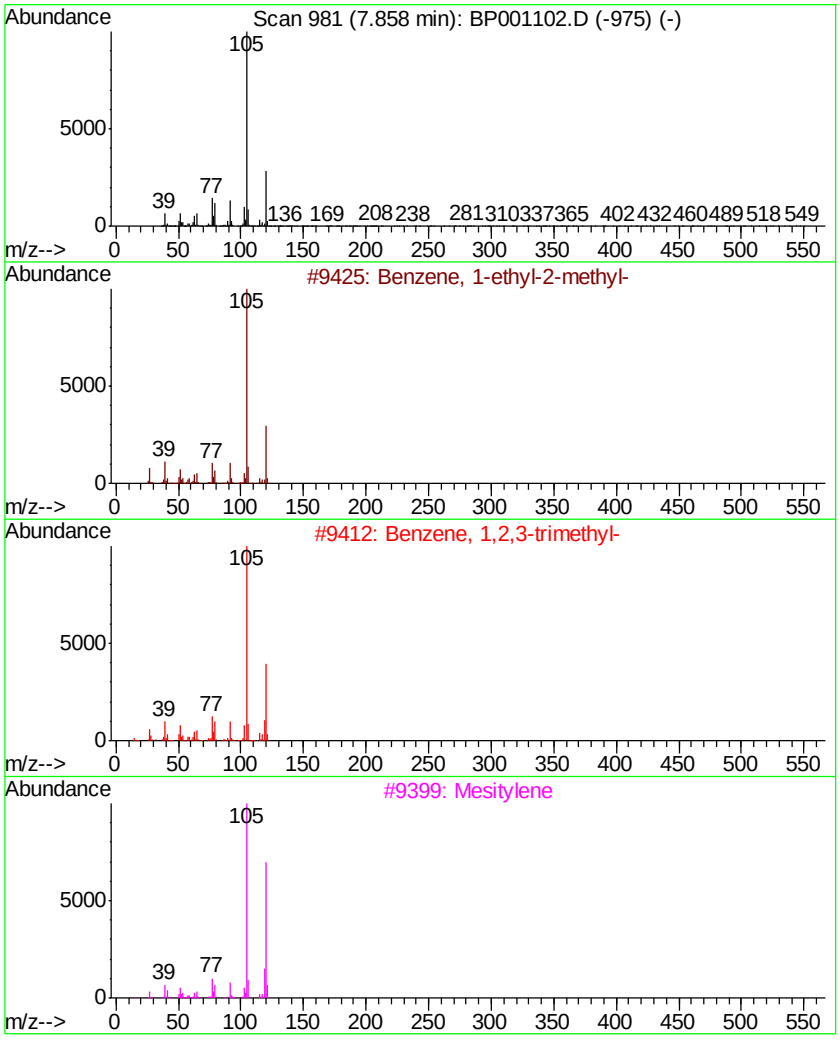
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

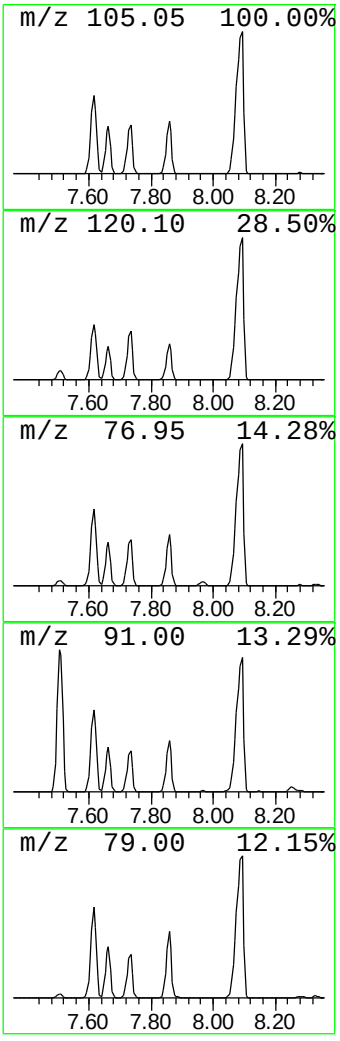
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	78.99 ng	4989310	1,4-Dichlorobenzene-d4	8.33

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

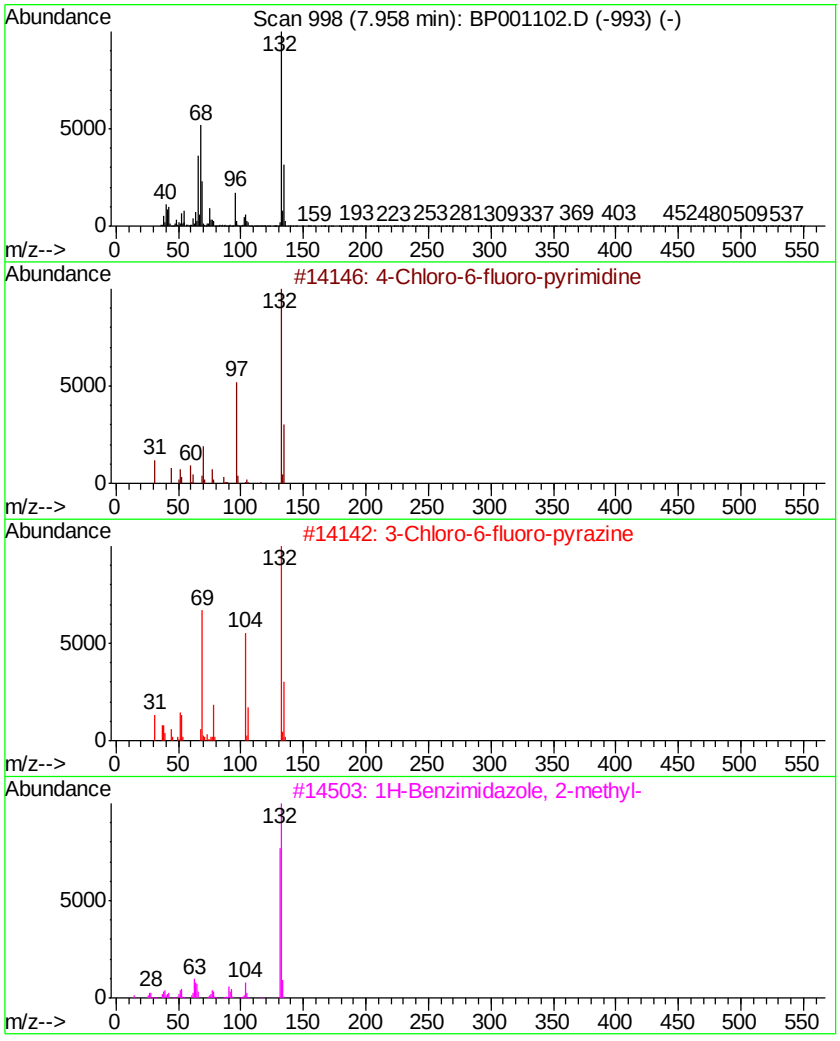
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

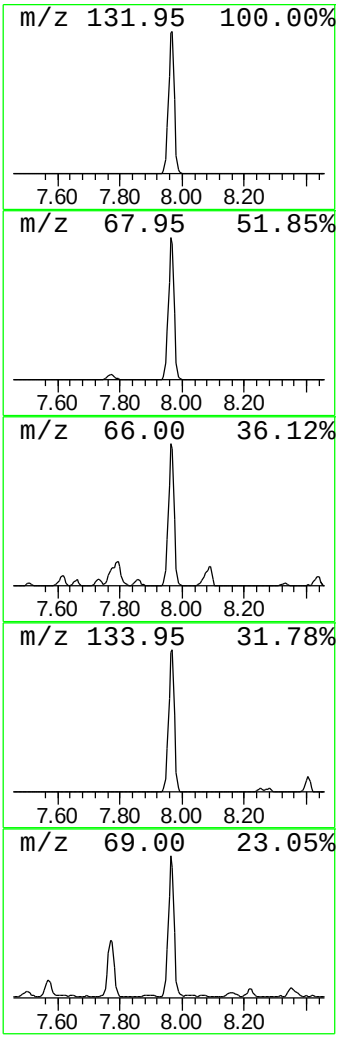
****

Peak Number 9 unknown7.96 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	53.48 ng	3378070	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

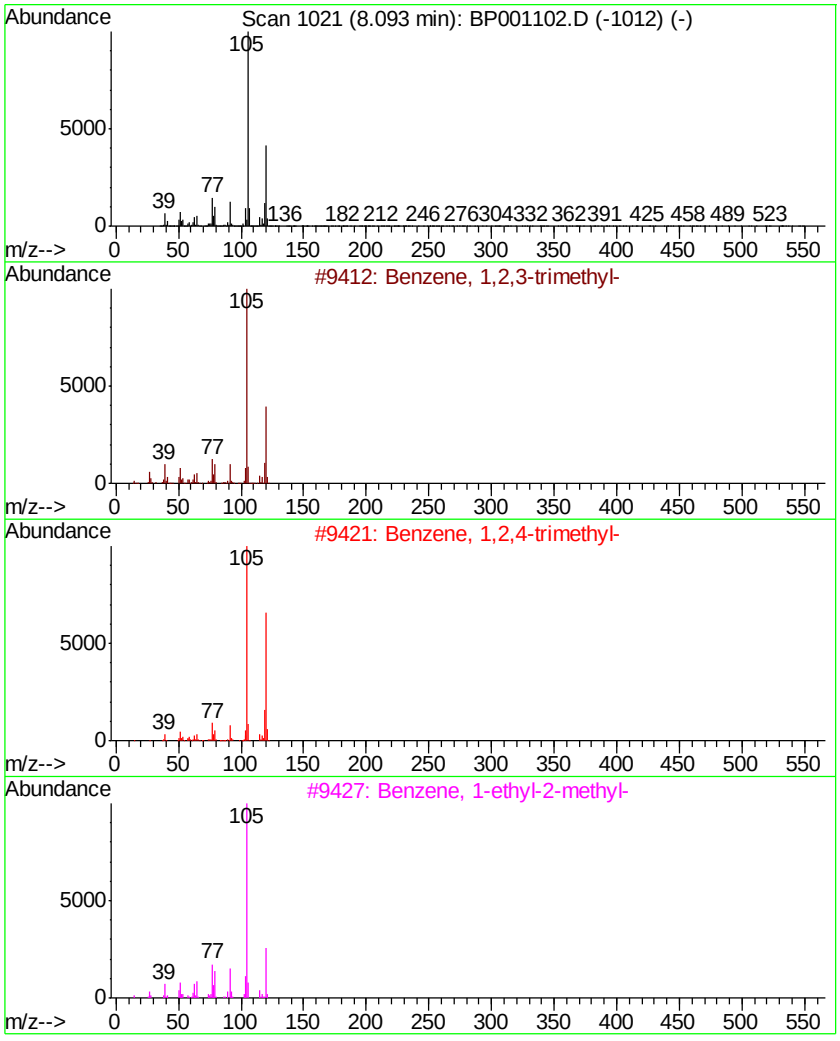
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

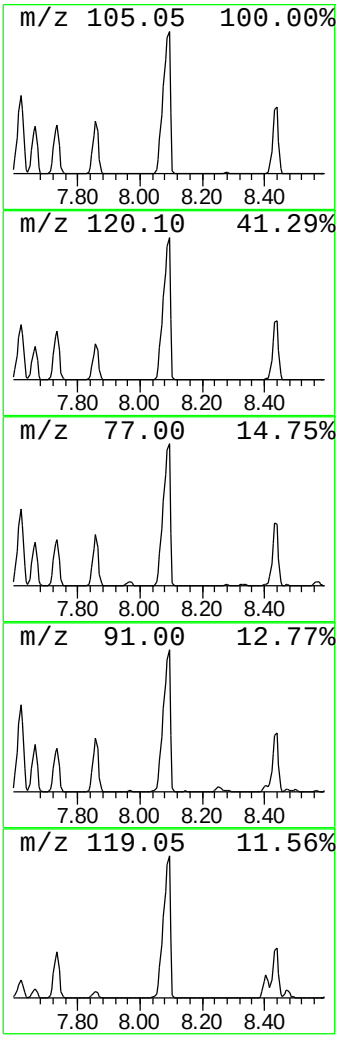
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	322.53 ng	20371000	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

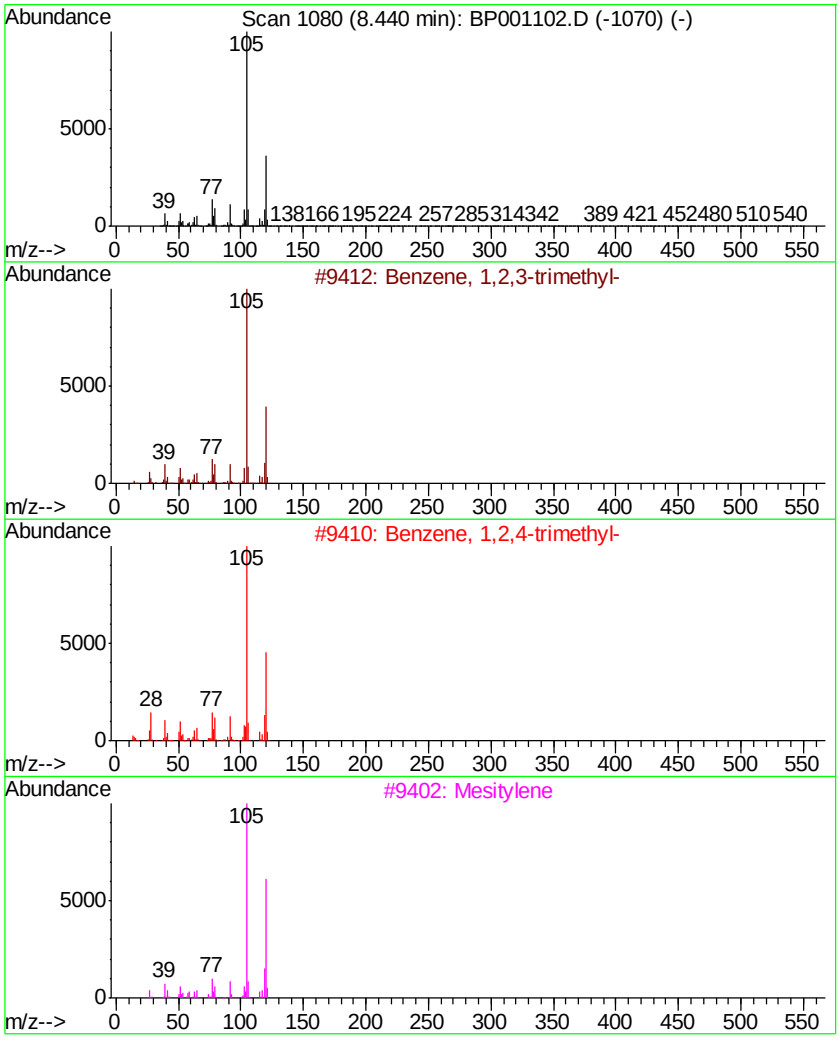
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

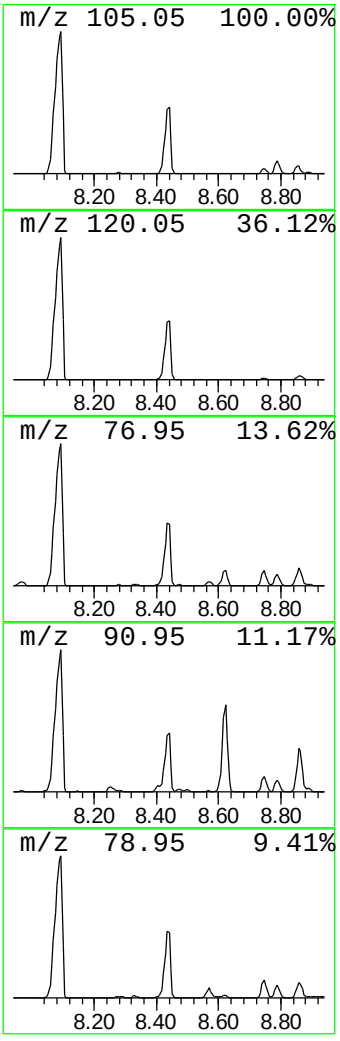
****

Peak Number 11 Mesitylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	119.22 ng	7530140	1,4-Dichlorobenzene-d4	8.33

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

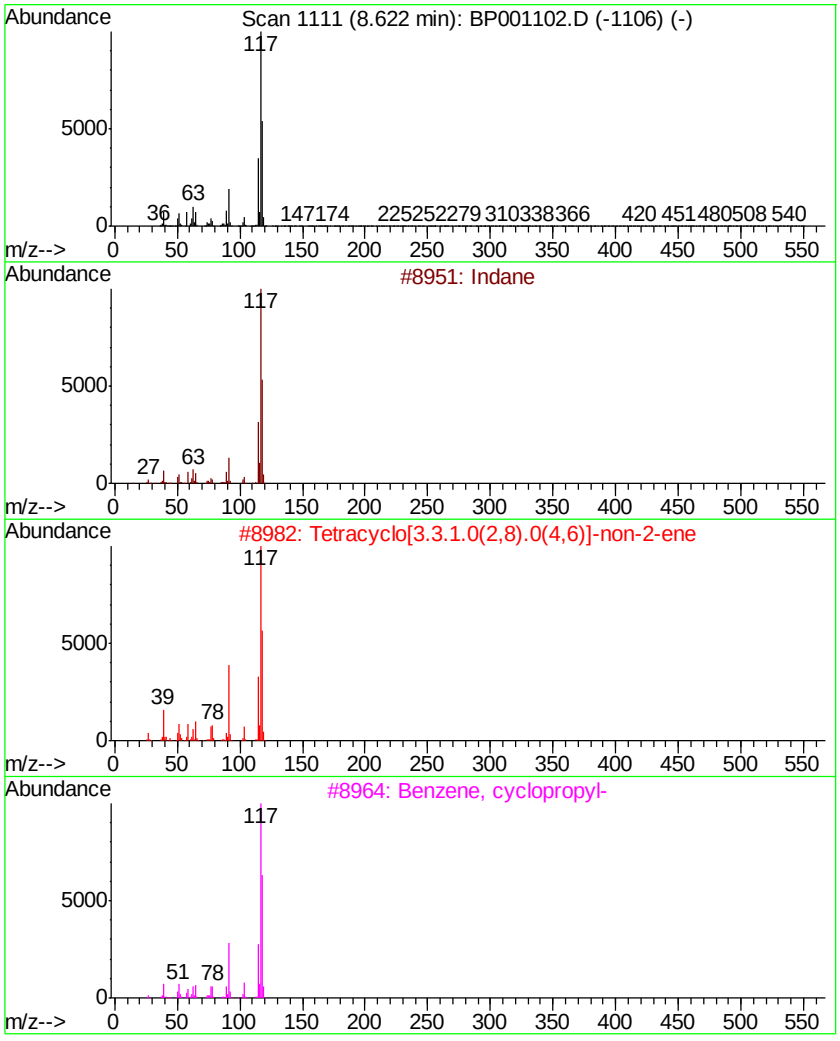
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

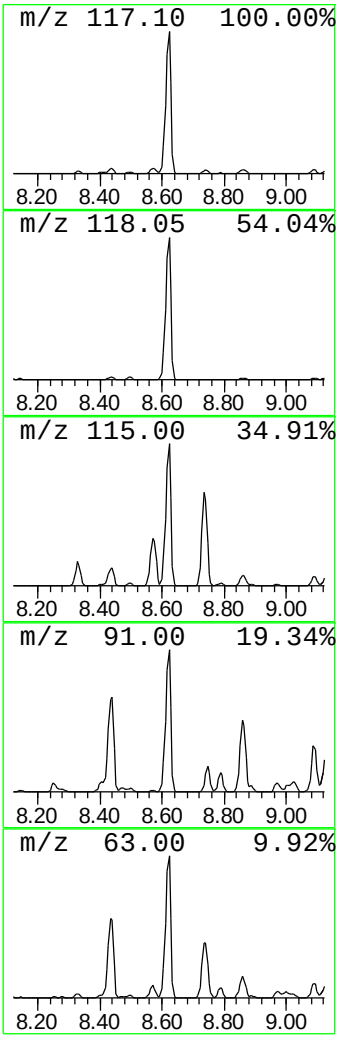
****

Peak Number 12 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	104.89 ng	6625180	1,4-Dichlorobenzene-d4	8.33

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	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55
5	Indole	117	C8H7N	000120-72-9	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

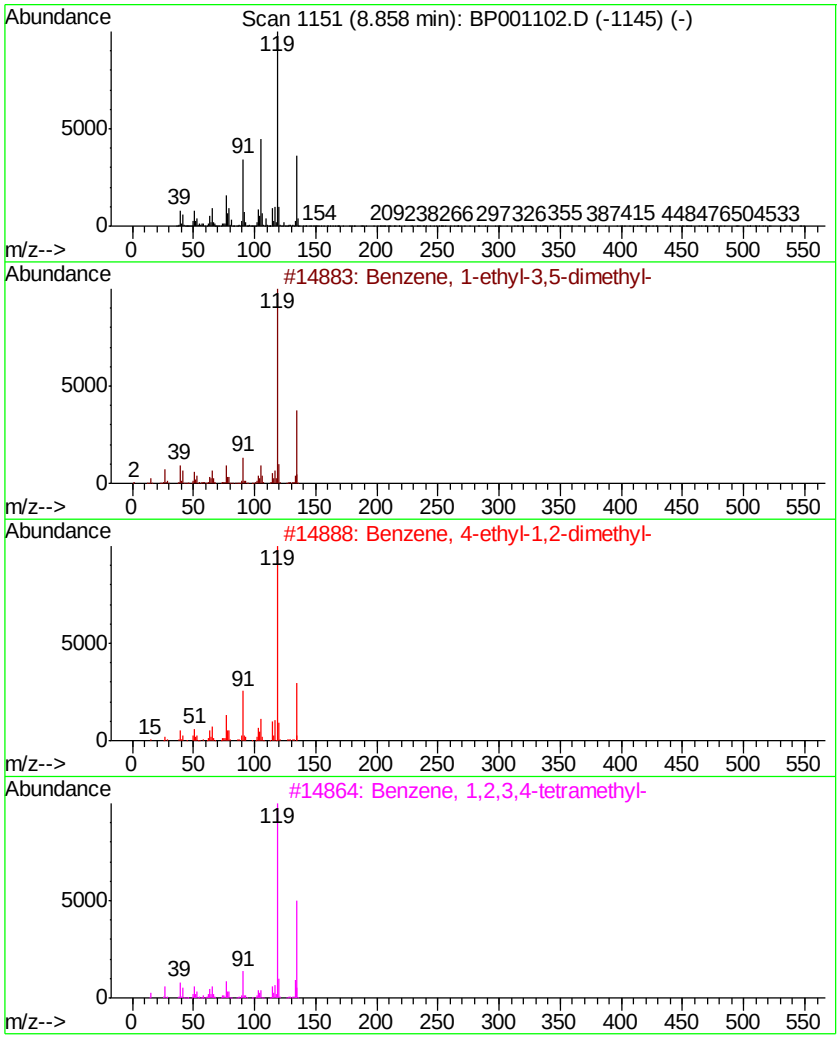
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

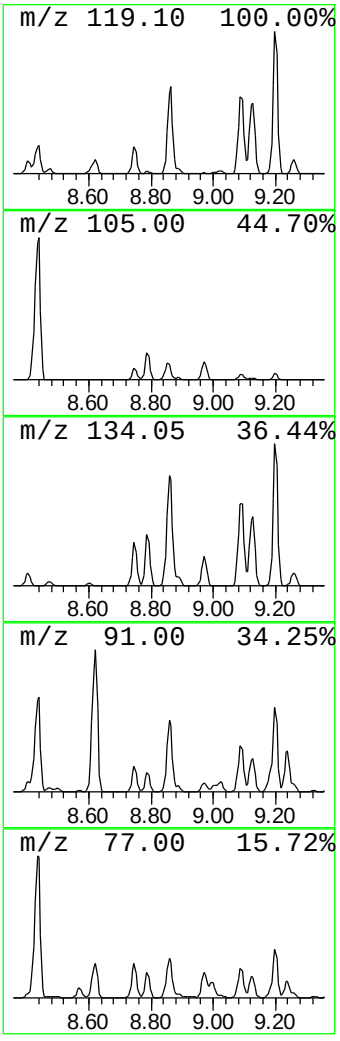
****

Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	44.63 ng	2818820	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
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	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

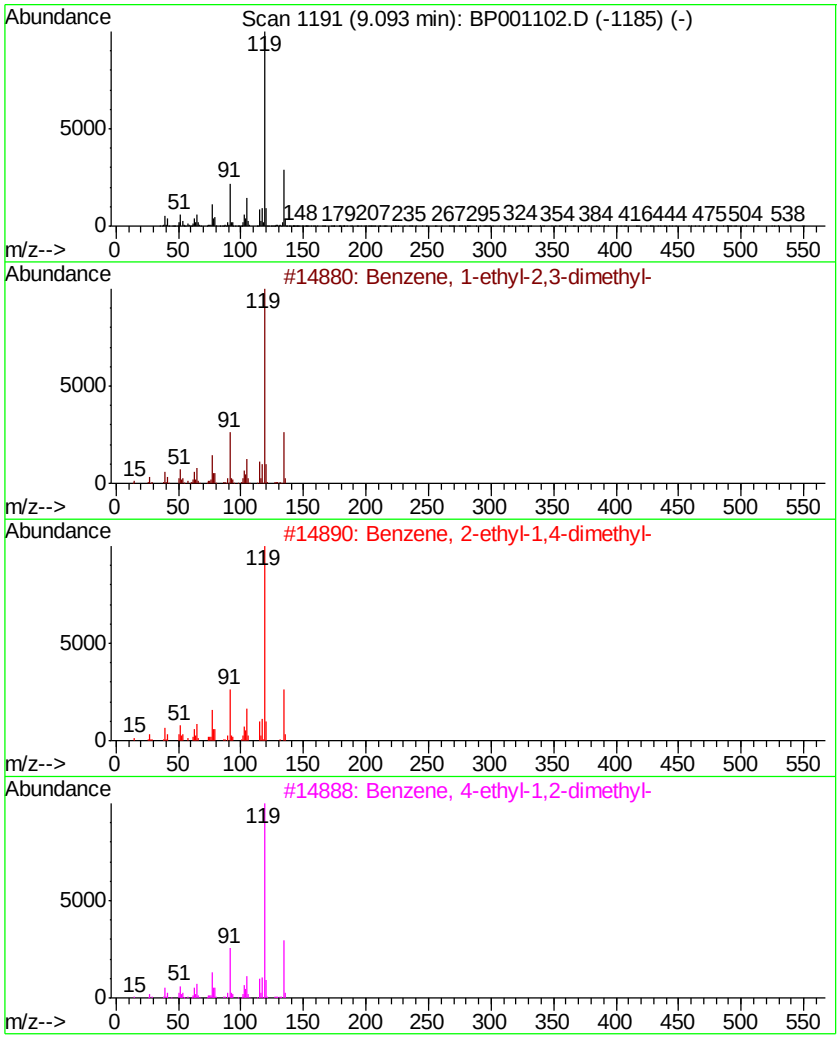
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

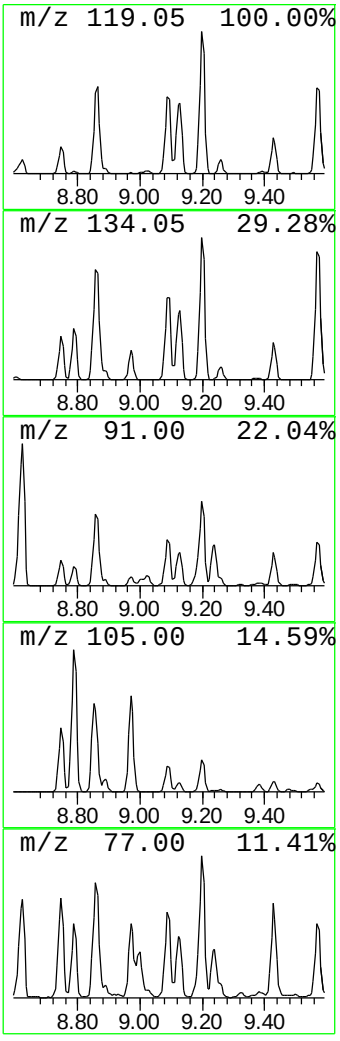
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	28.29 ng	1786610	1,4-Dichlorobenzene-d4	8.33

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

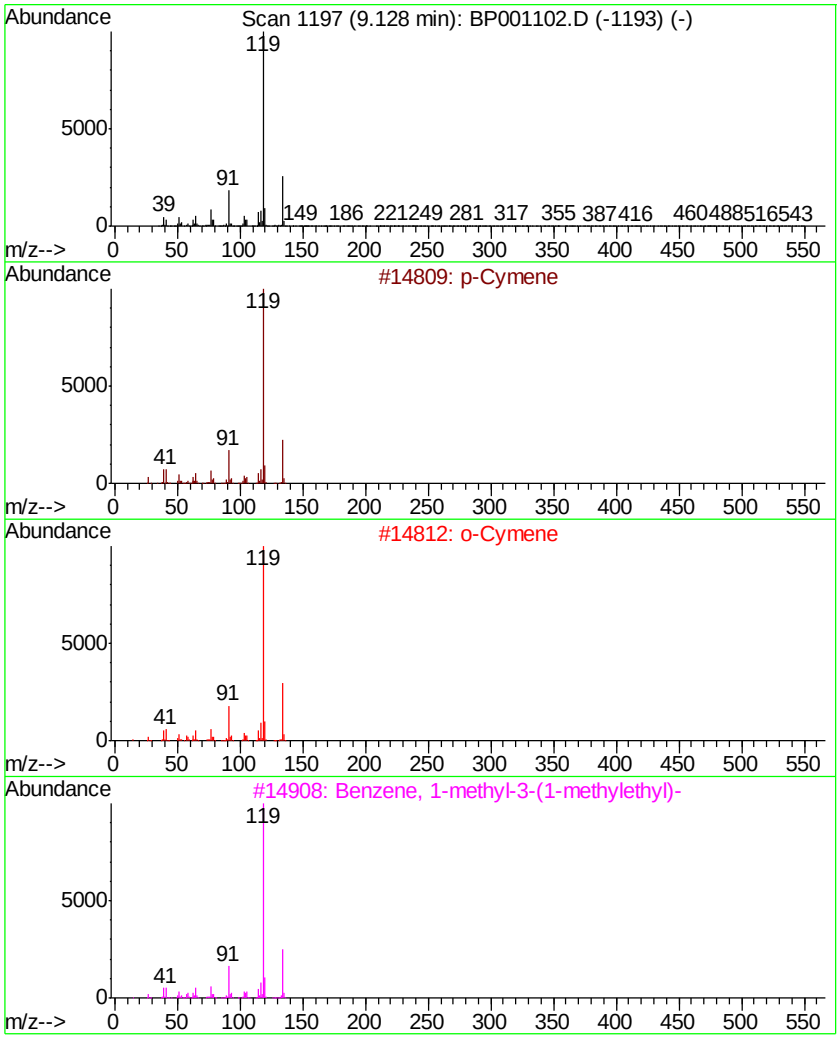
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

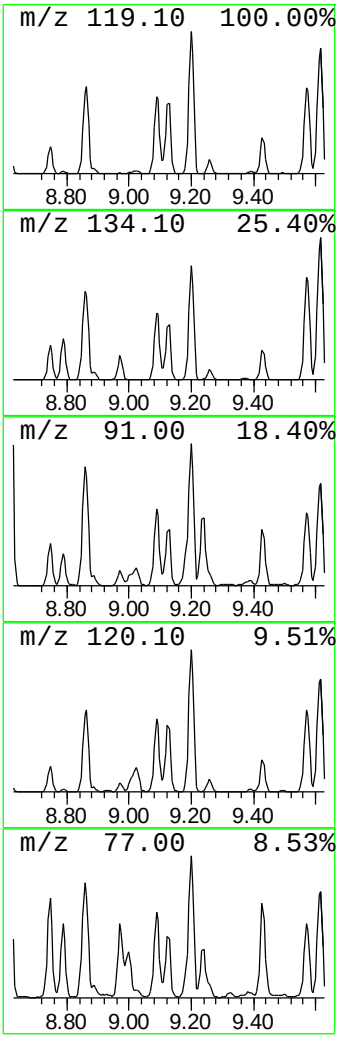
****

Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	21.88 ng	1382110	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

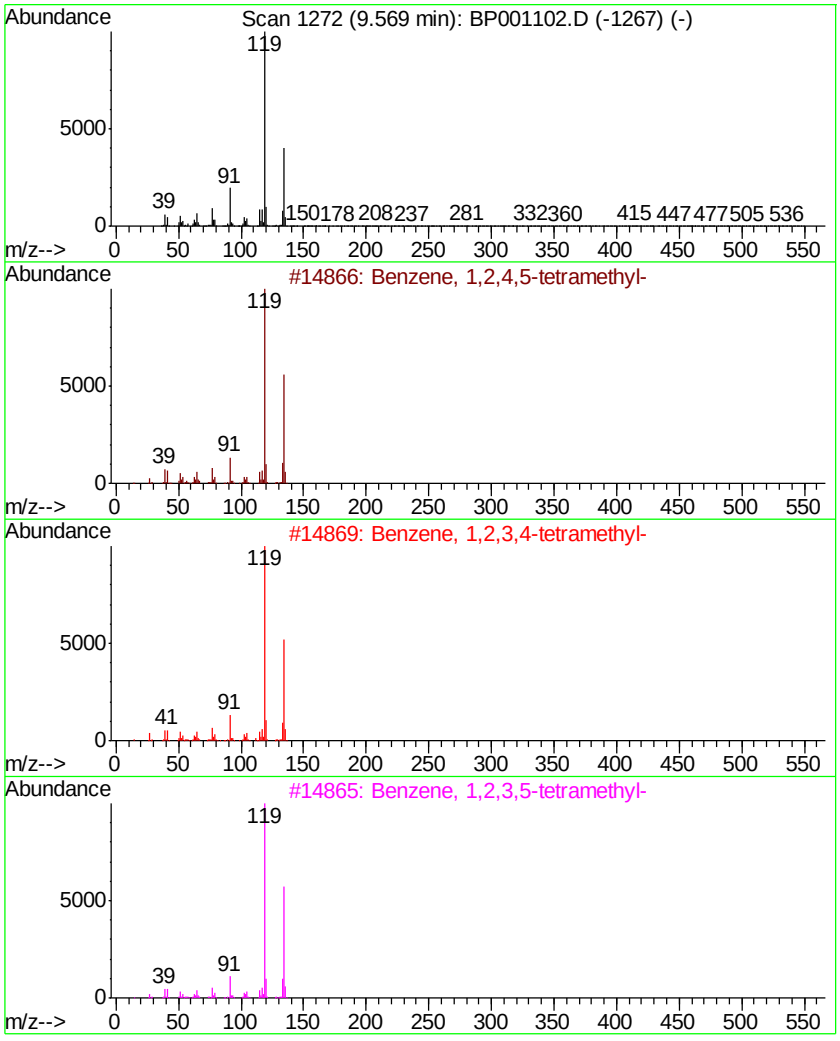
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

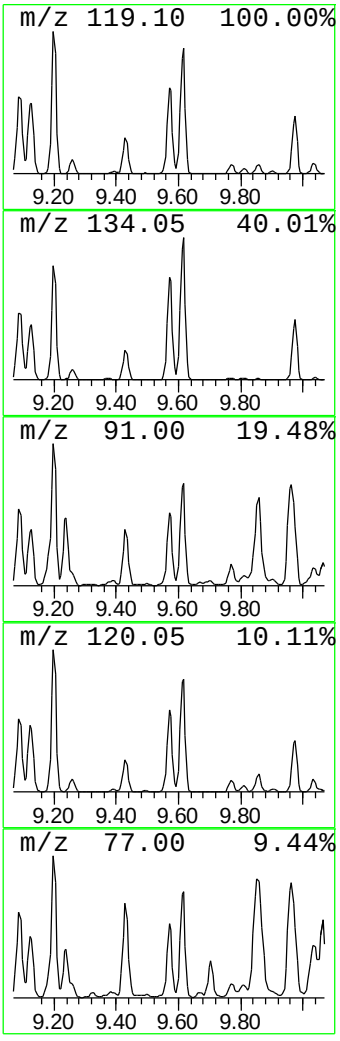
****

Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	13.37 ng	1765930	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	o-Cymene	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

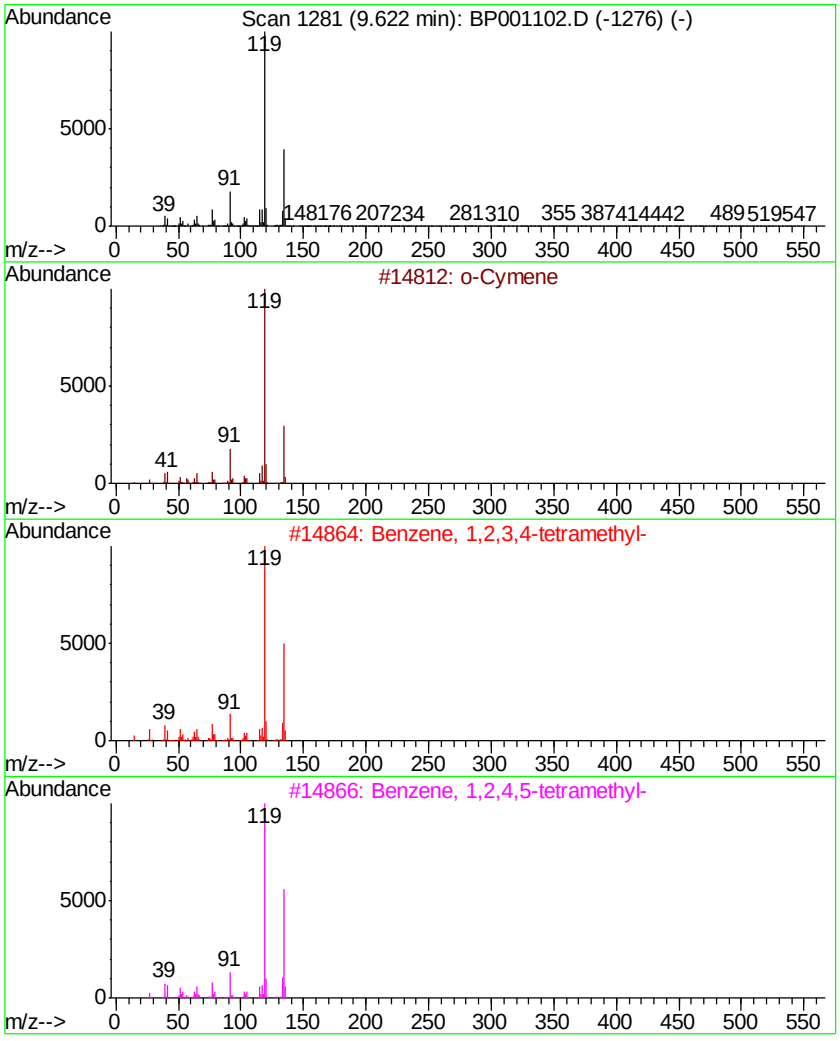
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

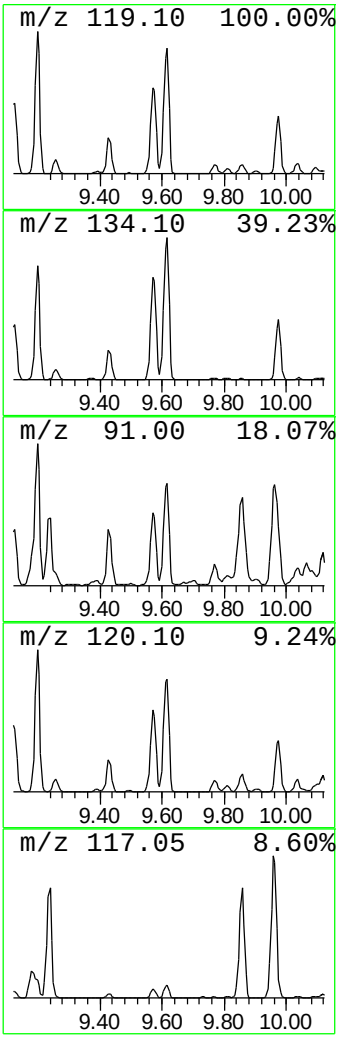
****

Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	18.87 ng	2493180	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

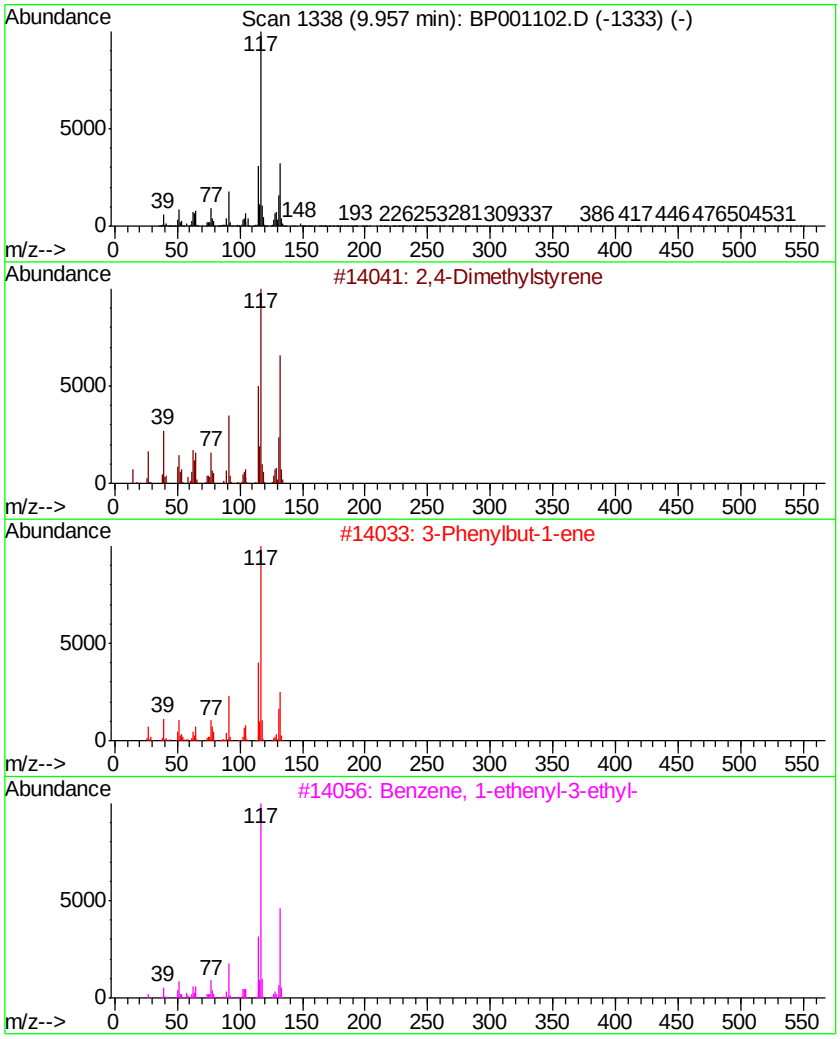
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

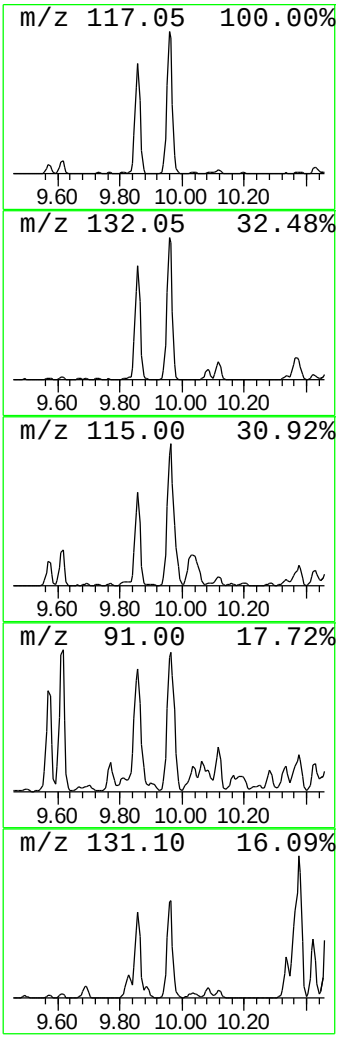
****

Peak Number 18 2,4-Dimethylstyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	36.17 ng	4778450	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

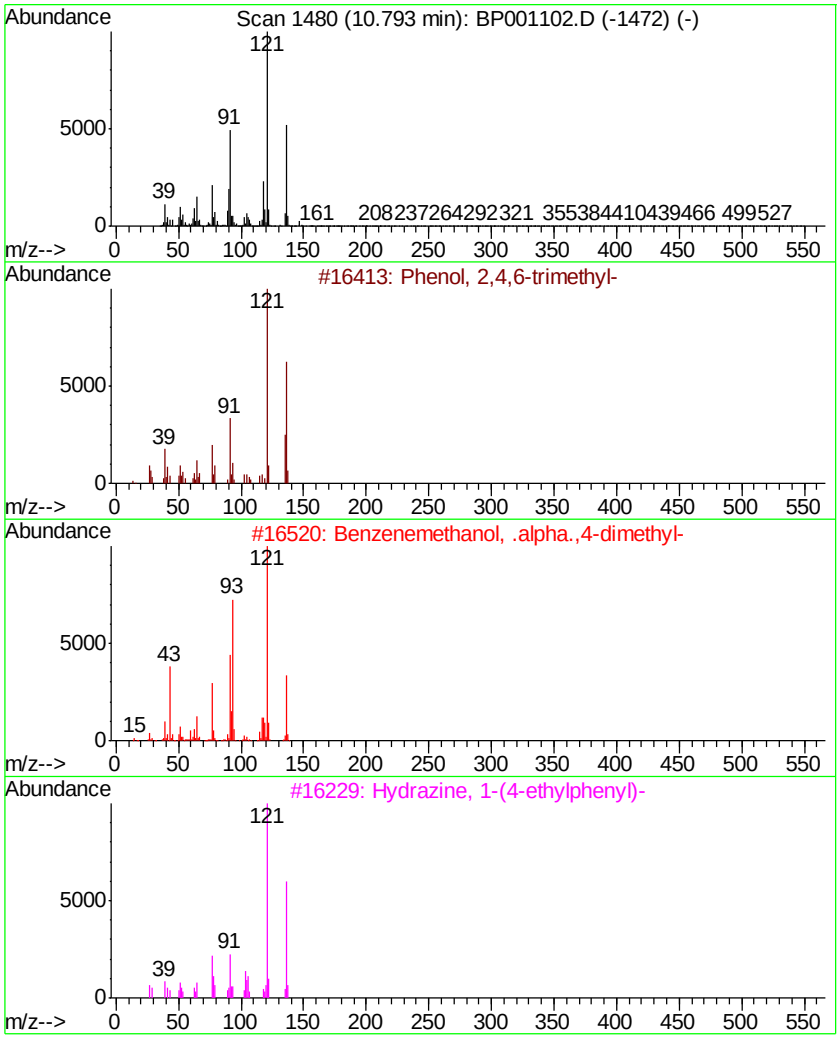
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

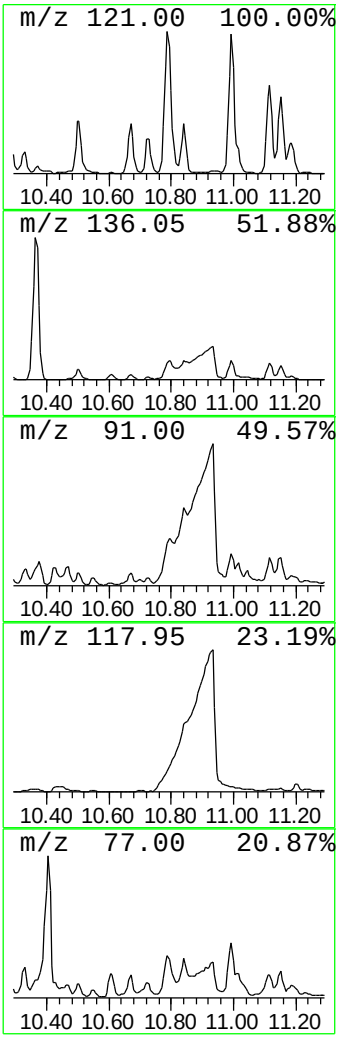
****

Peak Number 19 Phenol, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	10.62 ng	1403240	Naphthalene-d8	10.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	86
2	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	76
3	Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	74
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	70
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

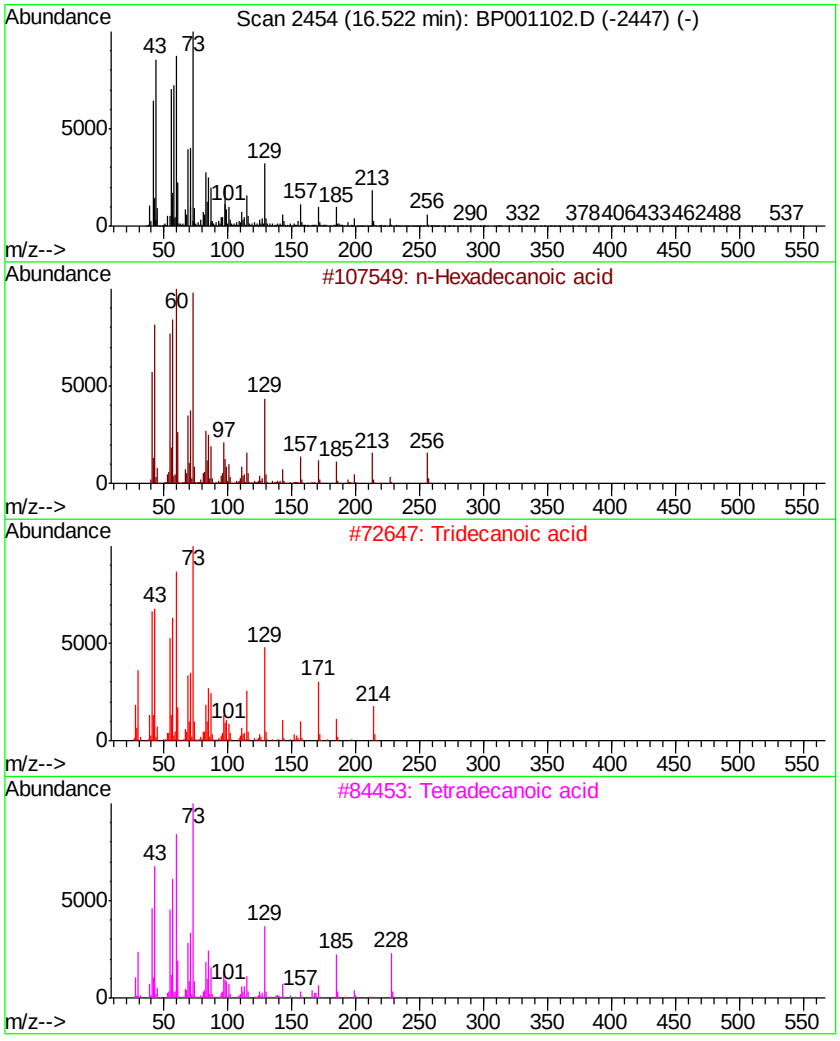
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

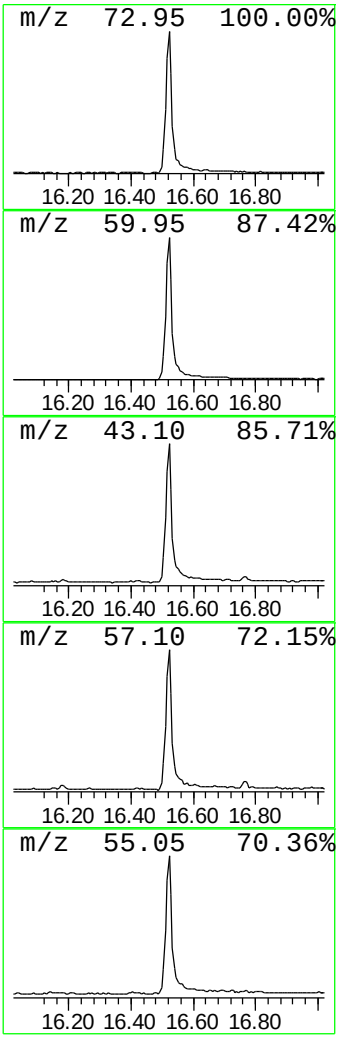
****

Peak Number 20 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	14.26 ng	1502160	Phenanthrene-d10	15.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP112719\
Data File : BP001102.D
Acq On : 28 Nov 2019 02:05
Operator : JU
Sample : K6002-04 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP112719.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
Spiro[2,4]hepta-4...	4.10	91.0	ng	5744250	1	8.33	1263220	20.0
1,3-Cyclopentadie...	6.05	239.0	ng	15097500	1	8.33	1263220	20.0
Benzene, 1,3-dime...	6.59	251.7	ng	15899400	1	8.33	1263220	20.0
Benzene, (1-methy...	7.06	16.2	ng	1024240	1	8.33	1263220	20.0
Benzene, propyl-	7.50	24.4	ng	1538100	1	8.33	1263220	20.0
Benzene, 1-ethyl-...	7.62	126.9	ng	8014730	1	8.33	1263220	20.0
Benzene, 1-ethyl-...	7.66	67.7	ng	4274290	1	8.33	1263220	20.0
Benzene, 1,2,4-tr...	7.86	79.0	ng	4989310	1	8.33	1263220	20.0
unknown7.96	7.96	53.5	ng	3378070	1	8.33	1263220	20.0
Benzene, 1,2,3-tr...	8.09	322.5	ng	20371000	1	8.33	1263220	20.0
Mesitylene	8.44	119.2	ng	7530140	1	8.33	1263220	20.0
Indane	8.62	104.9	ng	6625180	1	8.33	1263220	20.0
Benzene, 1-ethyl-...	8.86	44.6	ng	2818820	1	8.33	1263220	20.0
Benzene, 1-ethyl-...	9.09	28.3	ng	1786610	1	8.33	1263220	20.0
Benzene, 1-methyl...	9.13	21.9	ng	1382110	1	8.33	1263220	20.0
Benzene, 1,2,4,5-...	9.57	13.4	ng	1765930	2	10.36	2642030	20.0
Benzene, 1,2,3,4-...	9.62	18.9	ng	2493180	2	10.36	2642030	20.0
2,4-Dimethylstyrene	9.96	36.2	ng	4778450	2	10.36	2642030	20.0
Phenol, 2,4,6-tri...	10.79	10.6	ng	1403240	2	10.36	2642030	20.0
n-Hexadecanoic acid	16.52	14.3	ng	1502160	4	15.62	2107190	20.0