LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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	6.222	697	703	713	rVB	1776227	2338425	3.26%	0.890%
2	7.052	835	844	849	rBV	2246315	2729503	3.80%	1.039%
3	7.493	914	919	928	rVB	1919498	2309220	3.22%	0.879%
4	7.646	940	945	950	rVB	1940187	2320810	3.23%	0.884%
5	7.716	951	957	960	rBV	972539	1209678	1.68%	0.461%
6	7.763	960	965	972	rVB	1150251	1559585	2.17%	0.594%
7	7.846	972	979	983	rBV	4286496	5326257	7.42%	2.028%
8	7.957	991	998	1004	rBV	2529351	3446167	4.80%	1.312%
9	8.081	1010	1019	1023	rVB	11245336	18598795	25.90%	7.082%
10	8.316	1055	1059	1066	rVB	631968	751677	1.05%	0.286%
11	8.422	1067	1077	1081	rBV	4912772	7427422	10.34%	2.828%
12	8.563	1094	1101	1104	rBV	1918038	2651897	3.69%	1.010%
13	8.616	1104	1110	1114	rVB	8399420	11576291	16.12%	4.408%
14	8.734	1125	1130	1134	rVB2	1571519	1849139	2.58%	0.704%
15	8.846	1145	1149	1153	rBV2	1786457	2182485	3.04%	0.831%
16	9.075	1180	1188	1191	rVV2	844911	1370599	1.91%	0.522%
17	9.110	1191	1194	1198	rVV	824441	1087806	1.51%	0.414%
18	9.193	1198	1208	1211	rVV2	3429506	6165209	8.59%	2.347%
19	9.228	1211	1214	1223	rVV	4565869	5688229	7.92%	2.166%
20	9.557	1262	1270	1273	rBV	844852	1200806	1.67%	0.457%
21	9.604	1273	1278	1282	rVB	2086443	2547269	3.55%	0.970%
22	9.845	1314	1319	1326	rVB	3037594	4276286	5.96%	1.628%
23	9.975	1330	1341	1345	rBV3	4264635	9355588	13.03%	3.562%
24	10.034	1345	1351	1359	rVV	5600779	15142173	21.09%	5.765%
25	10.110	1359	1364	1368	rVV	922398	1182923	1.65%	0.450%
26	10.157	1368	1372	1377	rVB	1947702	2382752	3.32%	0.907%
27	10.457	1401	1423	1426	rVV	17747514	71803097	100.00%	27.339%
28	11.092	1523	1531	1533	rBV	611825	892447	1.24%	0.340%
29	11.122	1533	1536	1540	rVV2	647018	1222383	1.70%	0.465%
30	11.163	1540	1543	1545	rVV2	938522	1176475	1.64%	0.448%
31	11.192	1545	1548	1555	rVB	1220832	1729271	2.41%	0.658%
32	11.422	1579	1587	1589	rBV	392875	815511	1.14%	0.311%
33	11.540	1598	1607	1610	rVB	9269353	15376744	21.42%	5.855%
34	11.698	1623	1634	1638	rBV	9416203	16581322	23.09%	6.313%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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	12.128	1701	1707	1712	rBV	2926260	3734429	5.20%	1.422%
36	12.287	1729	1734	1738	rVB	1547188	1705995	2.38%	0.650%
37	12.439	1754	1760	1769	rVB	1318057	2179443	3.04%	0.830%
38	12.539	1769	1777	1779	rBV	744402	1114347	1.55%	0.424%
39	12.669	1792	1799	1803	rBV	1790401	2612445	3.64%	0.995%
40	12.710	1803	1806	1809	rBV	810196	795451	1.11%	0.303%
41	12.857	1826	1831	1834	rBV	890122	1183064	1.65%	0.450%
42	12.987	1847	1853	1862	rVB2	700526	1001119	1.39%	0.381%
43	13.210	1887	1891	1896	rBV	1052924	1384519	1.93%	0.527%
44	13.269	1896	1901	1905	rVB	3325192	4263599	5.94%	1.623%
45	13.639	1957	1964	1967	rBV2	497788	722345	1.01%	0.275%
46	13.957	2014	2018	2026	rVB	597741	773381	1.08%	0.294%
47	14.063	2026	2036	2040	rBV	480957	720846	1.00%	0.274%
48	14.110	2040	2044	2050	rVB2	1137011	1361804	1.90%	0.519%
49	14.504	2107	2111	2122	rVB	2147102	2643739	3.68%	1.007%
50	15.610	2294	2299	2302	rBV	883853	1051559	1.46%	0.400%
51	15.645	2302	2305	2309	rVB	1930314	2053198	2.86%	0.782%
52	16.498	2447	2450	2457	rBV3	512739	871158	1.21%	0.332%
53	17.892	2682	2687	2691	rBV	3613203	4161301	5.80%	1.584%
54	19.251	2913	2918	2922	rBV	949700	1050925	1.46%	0.400%
55	21.021	3214	3219	3225	rVB	720720	978708	1.36%	0.373%

Sum of corrected areas: 262637616

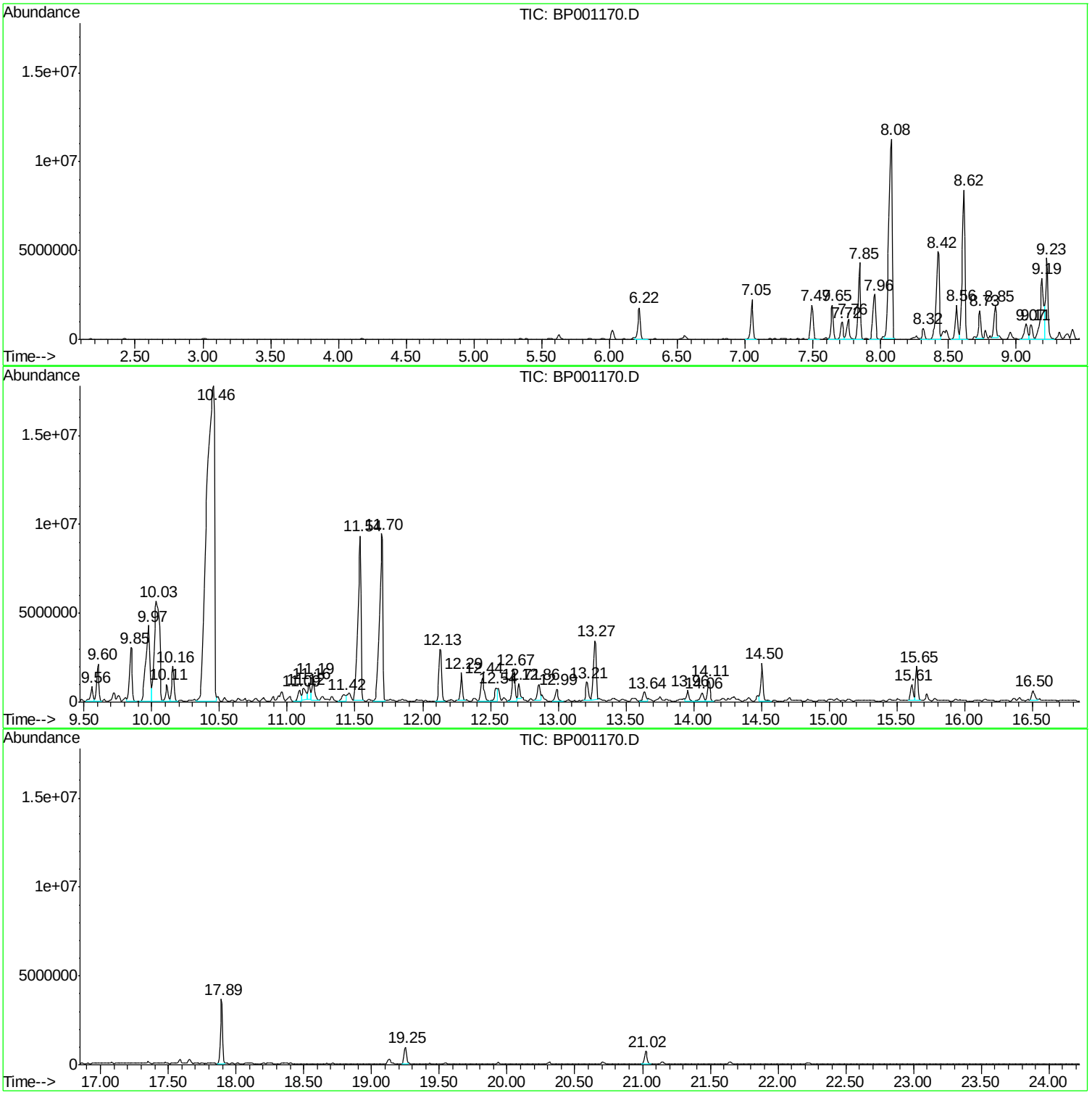
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

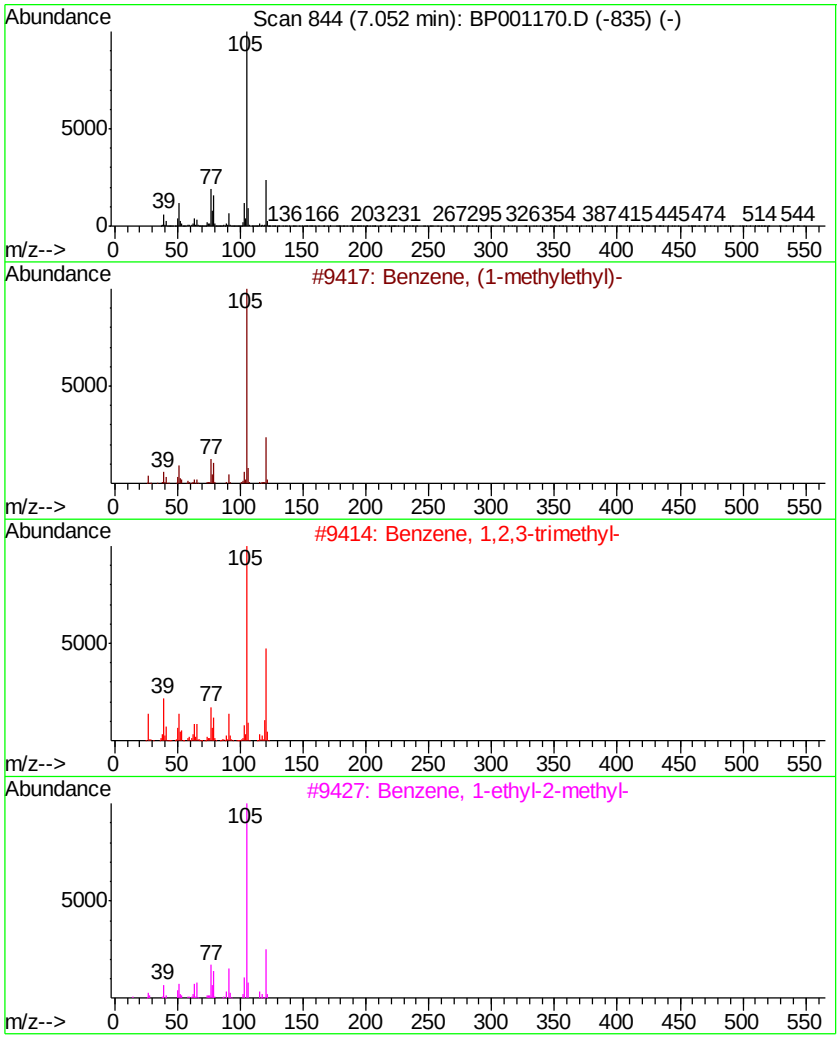
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

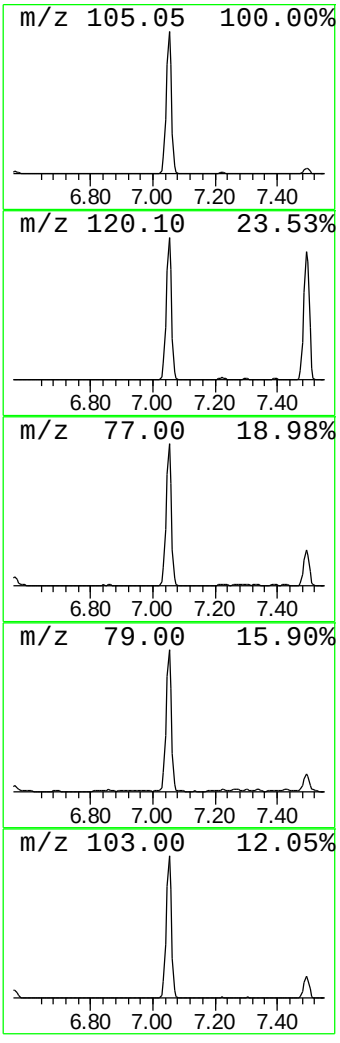
****

Peak Number 1 Benzene, (1-methylethyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	72.62 ng	2729500	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	2,4-Nonadiyne	120	C9H12	063621-15-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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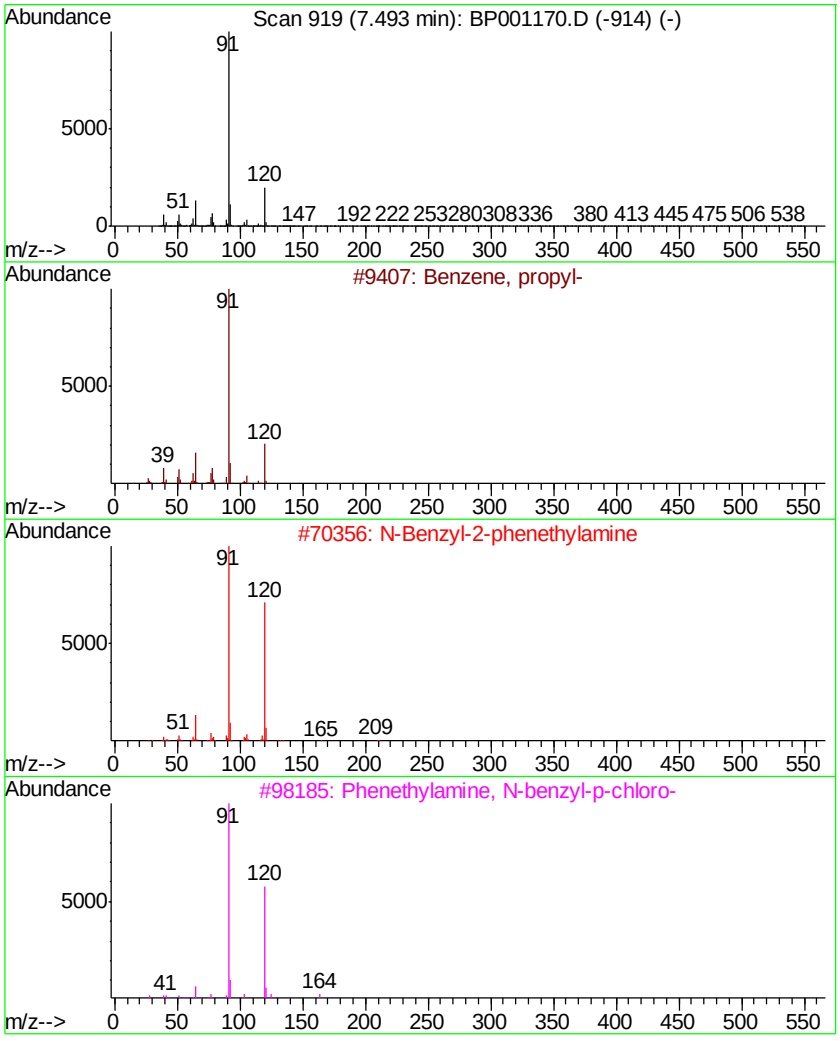
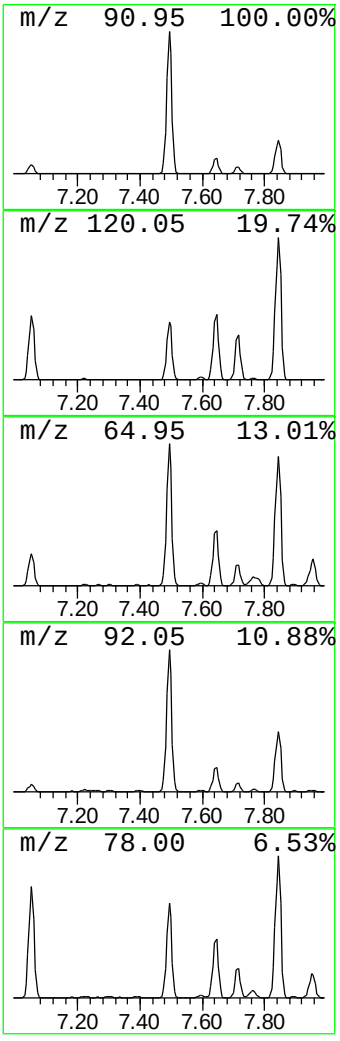
Peak Number 2 Benzene, propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	61.44 ng	2309220	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	1,3,5-Cycloheptatriene, 7-ethyl-	120	C9H12	017634-51-4	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

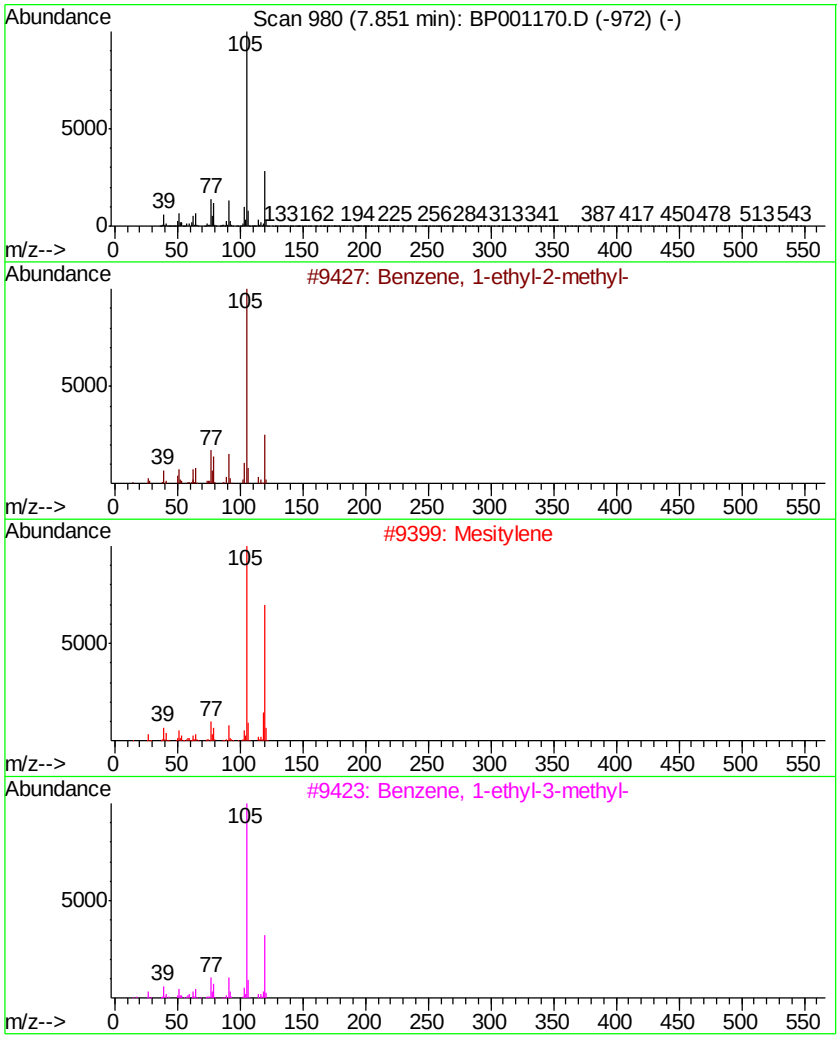
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

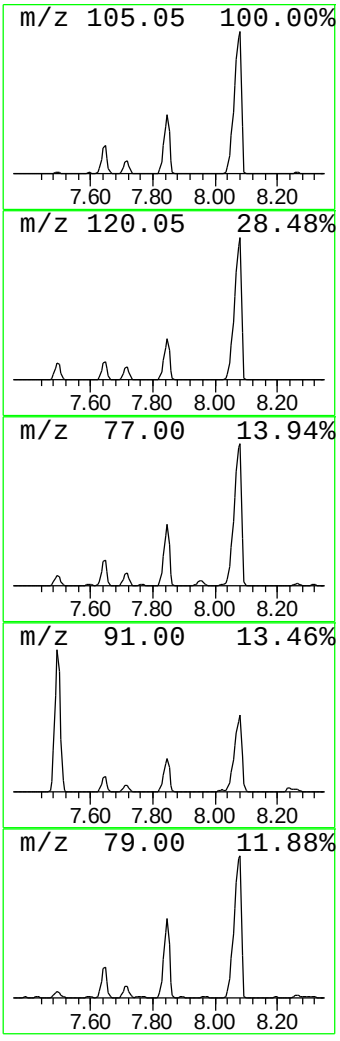
****

Peak Number 4 Mesitylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	141.72 ng	5326260	1,4-Dichlorobenzene-d4	8.32

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

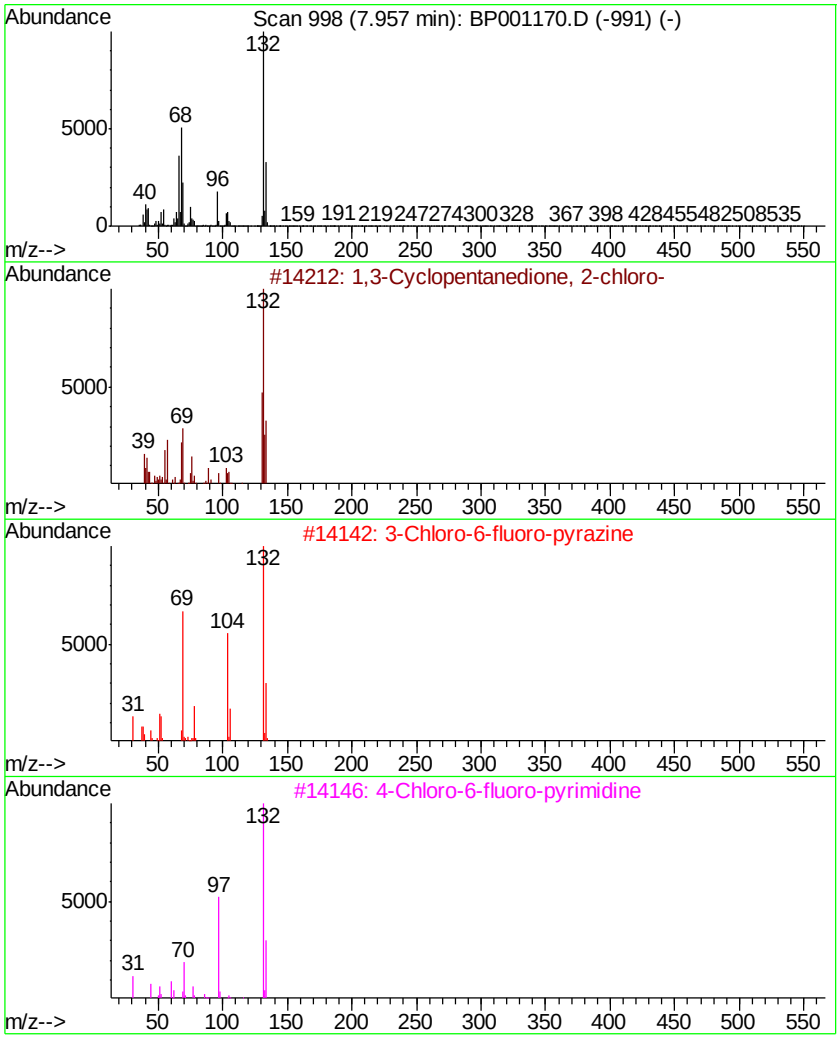
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

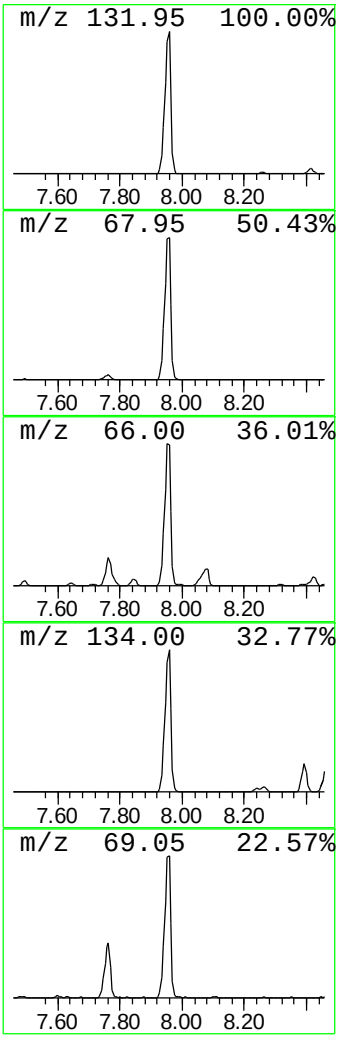
****

Peak Number 5 unknown7.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	91.69 ng	3446170	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Library Search Compound Report

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Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

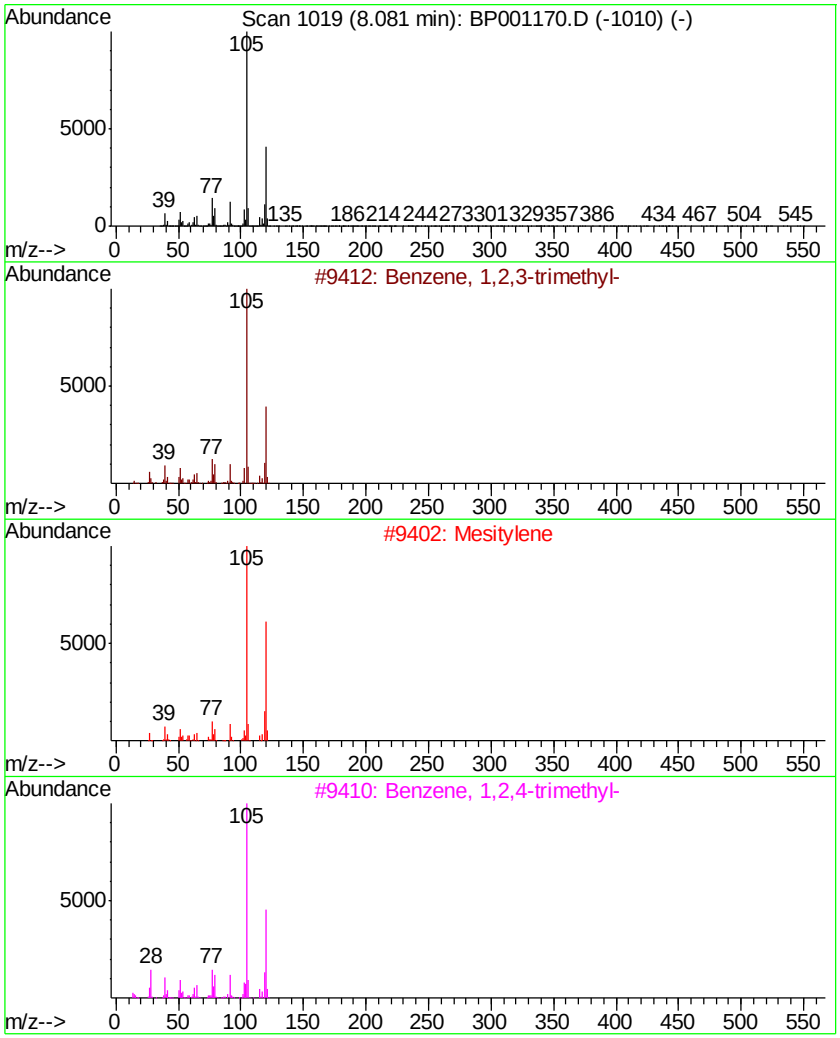
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

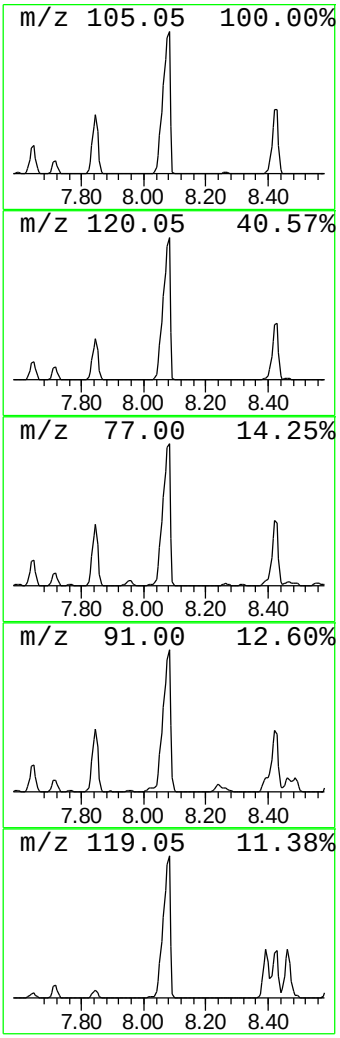
****

Peak Number 6 Benzene, 1,2,4-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	494.86 ng	18598800	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
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





Library Search Compound Report

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Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

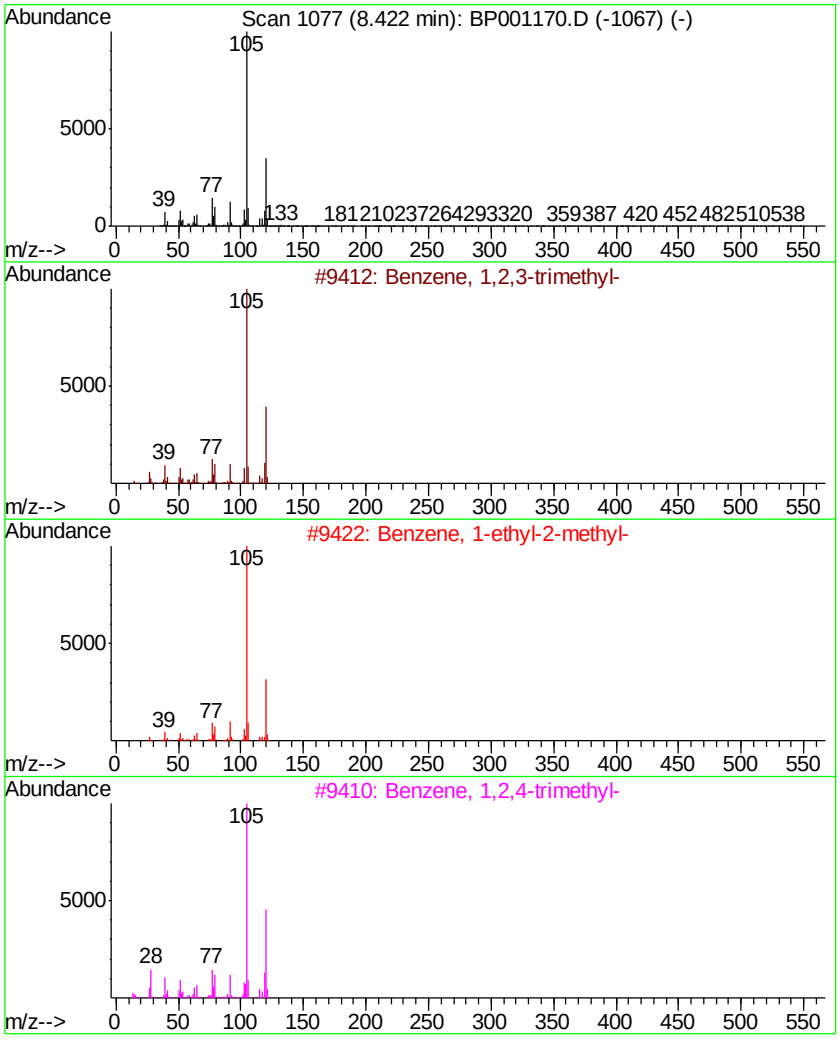
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

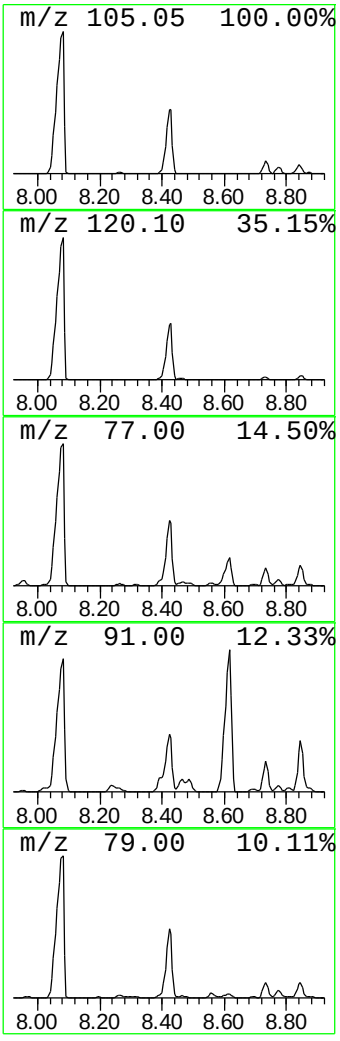
****

Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	197.62 ng	7427420	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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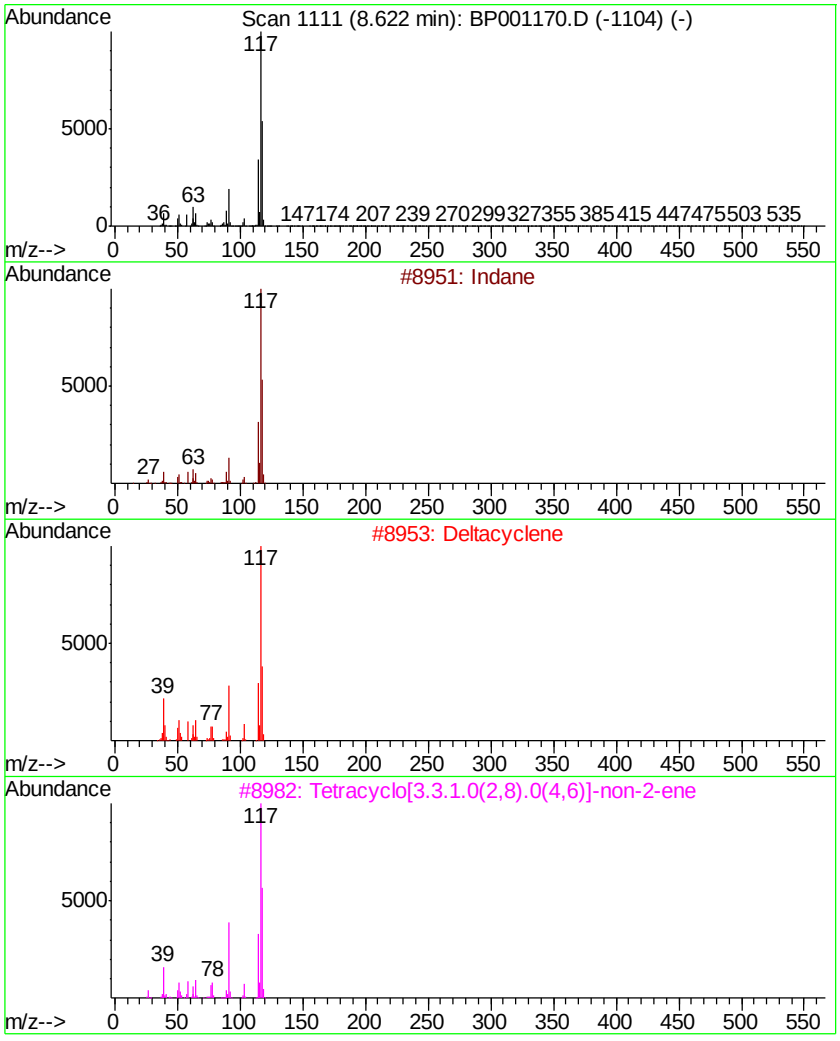
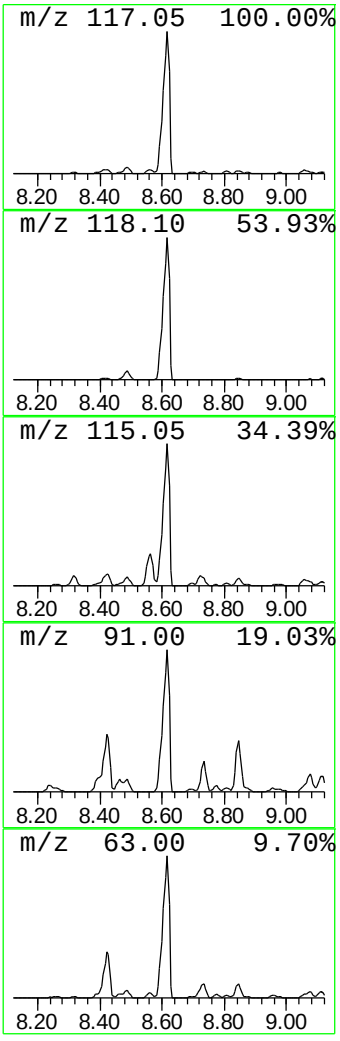
Peak Number 9 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	308.01 ng	11576300	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Deltacyclene	118	C9H10	007785-10-6	76
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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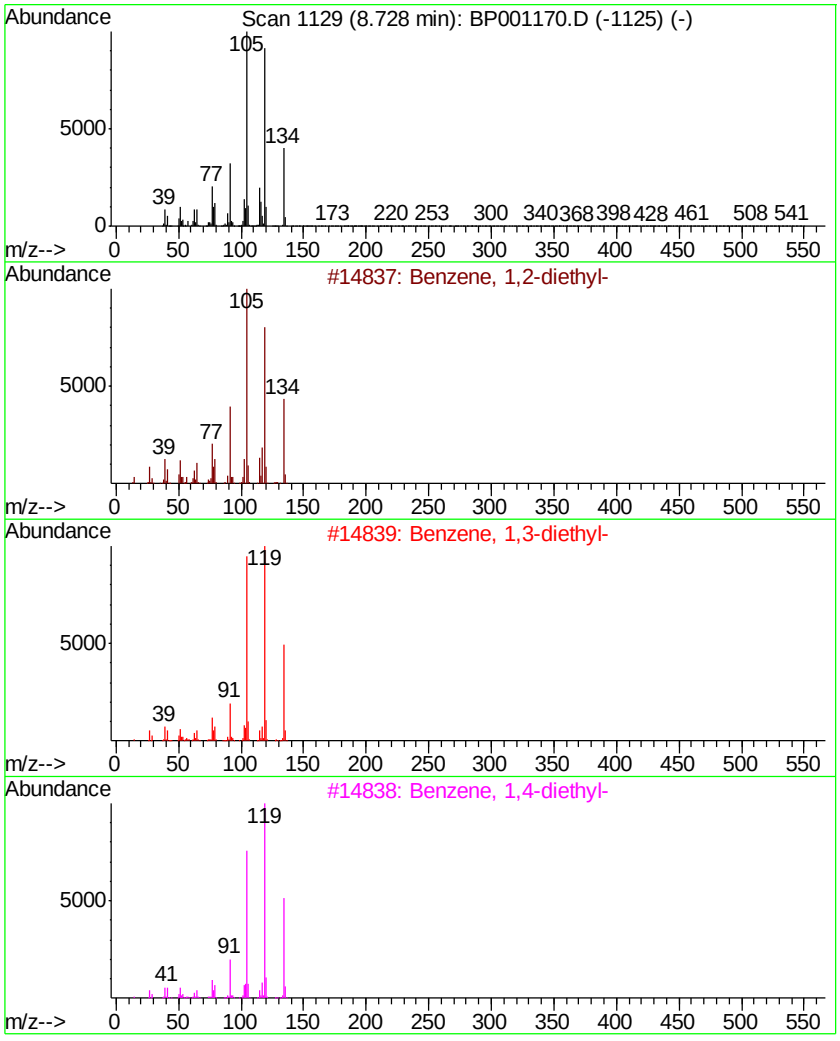
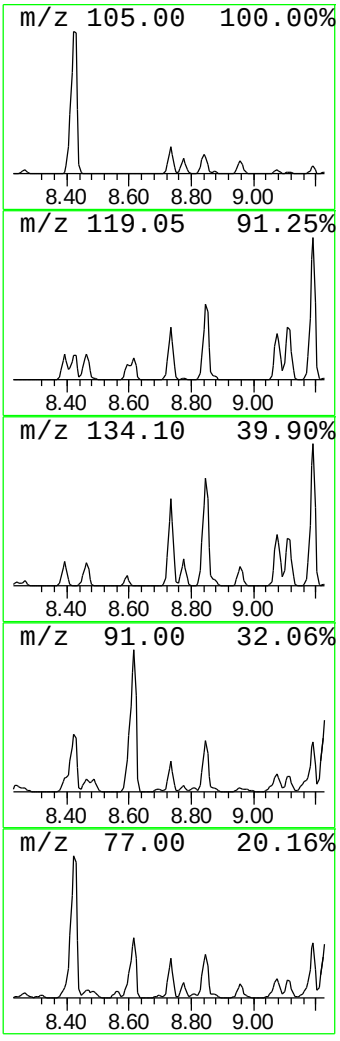
Peak Number 10 Benzene, 1,2-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	49.20 ng	1849140	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	91
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

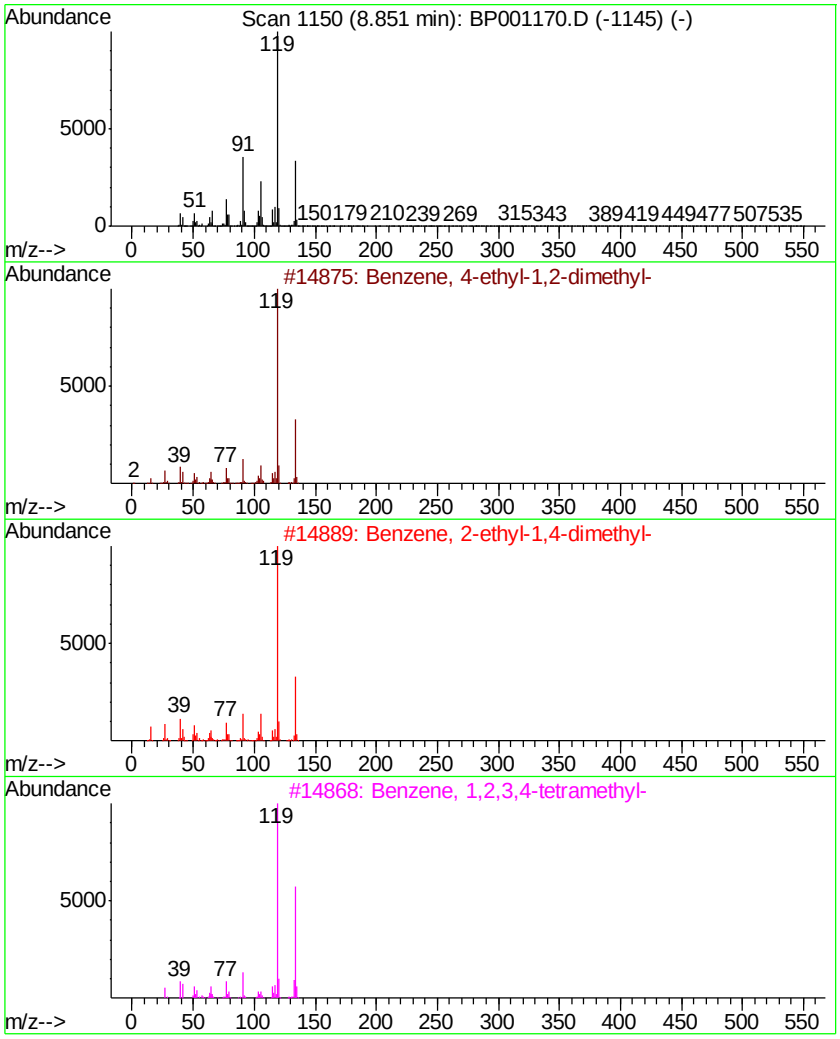
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

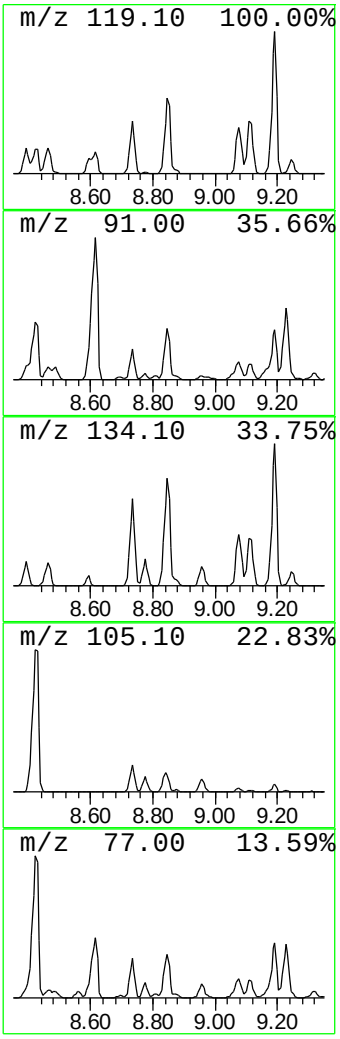
****

Peak Number 11 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.85	58.07 ng	2182490	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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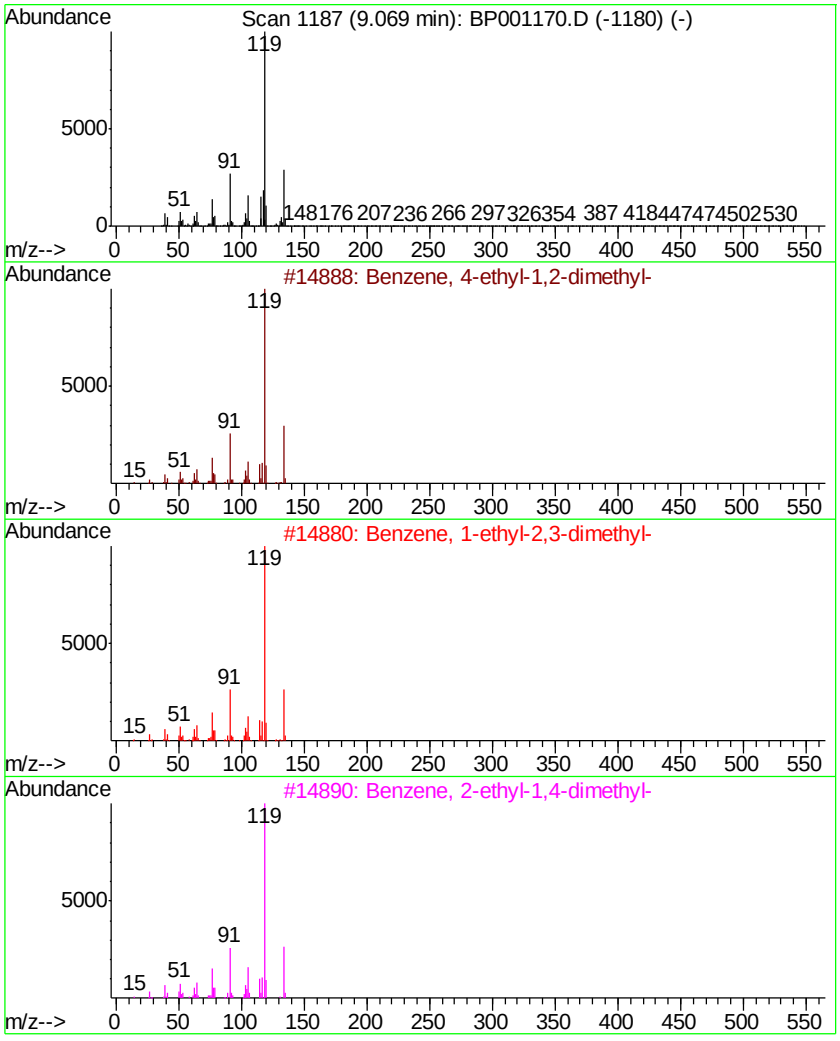
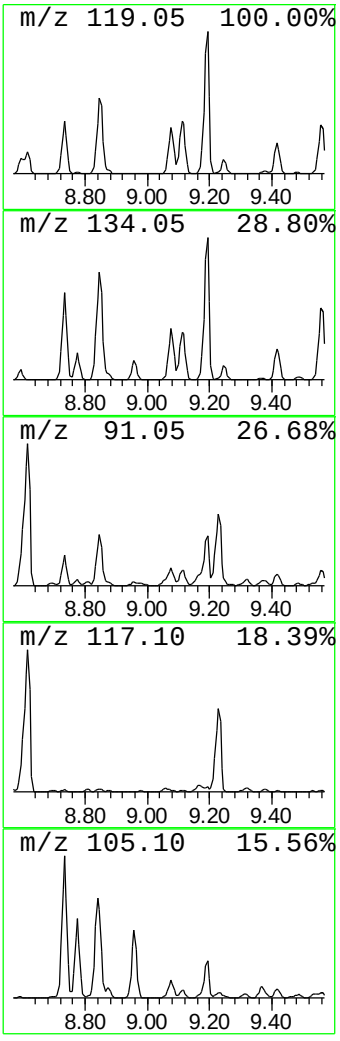
Peak Number 12 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	36.47 ng	1370600	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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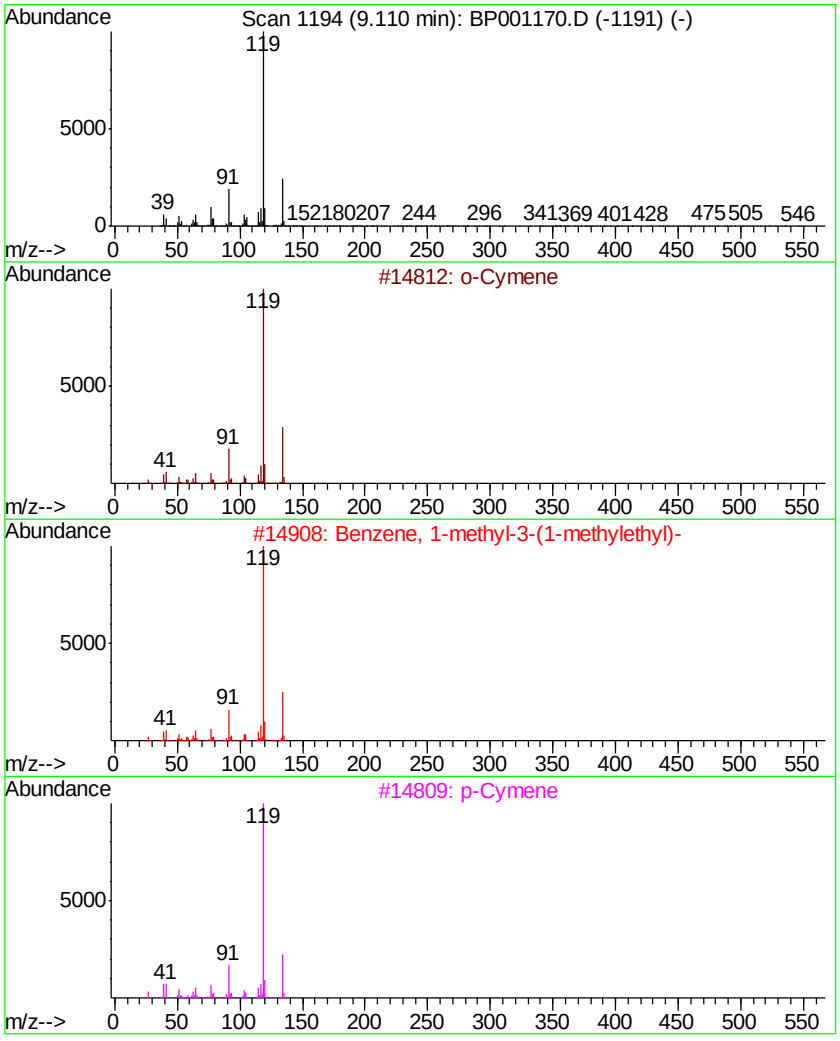
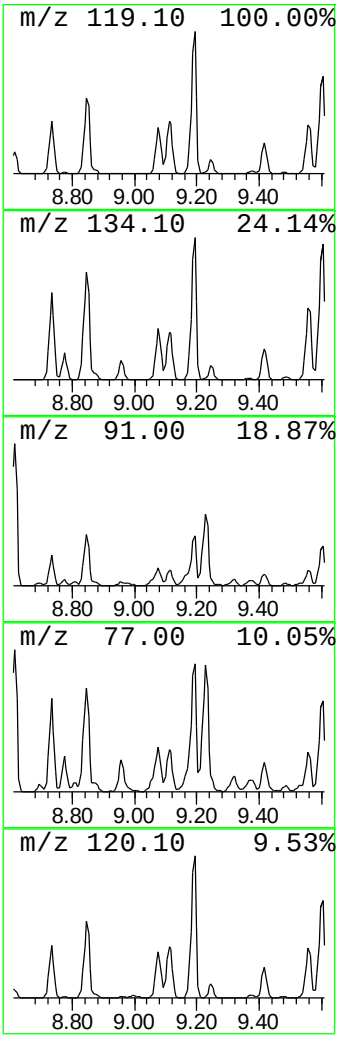
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	28.94 ng	1087810	1,4-Dichlorobenzene-d4	8.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
3	p-Cymene	134	C10H14	000099-87-6	97
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





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Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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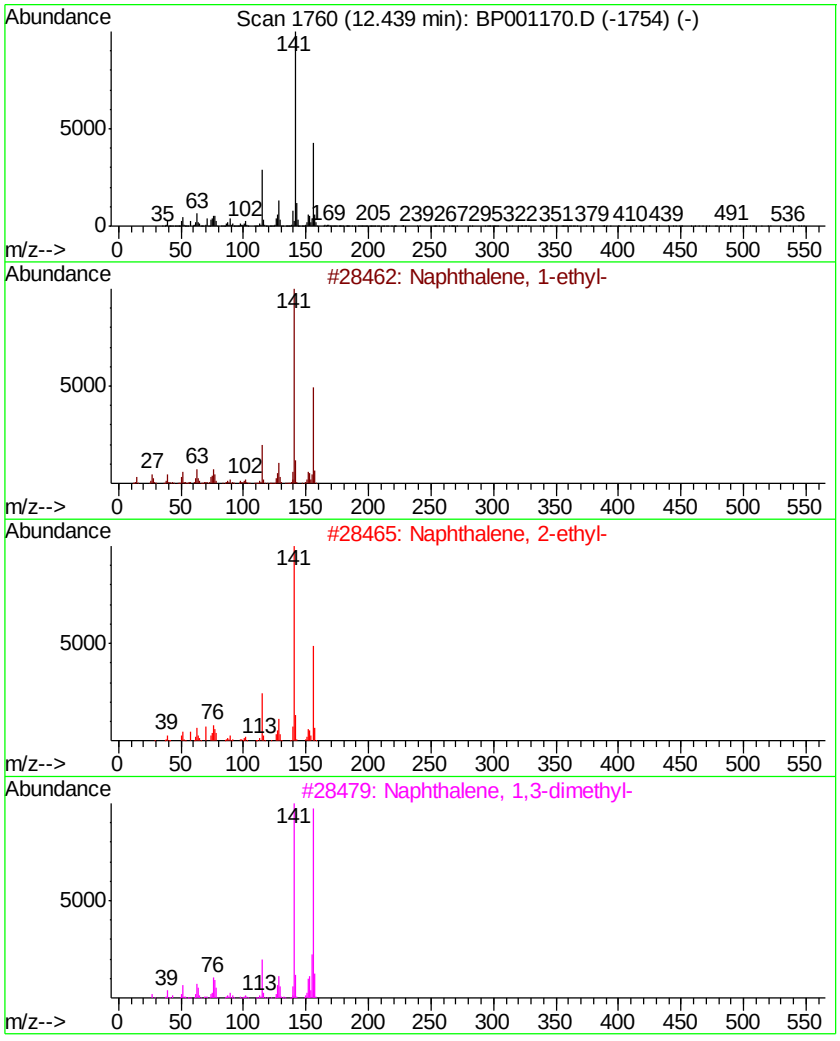
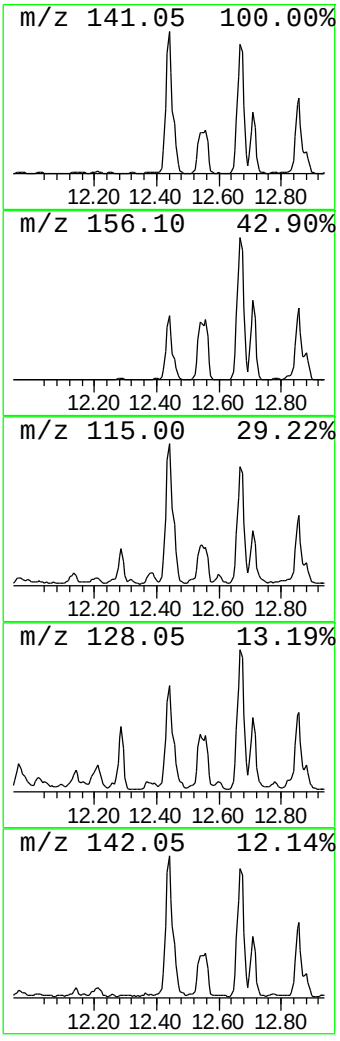
Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	31.48 ng	2179440	Acenaphthene-d10	13.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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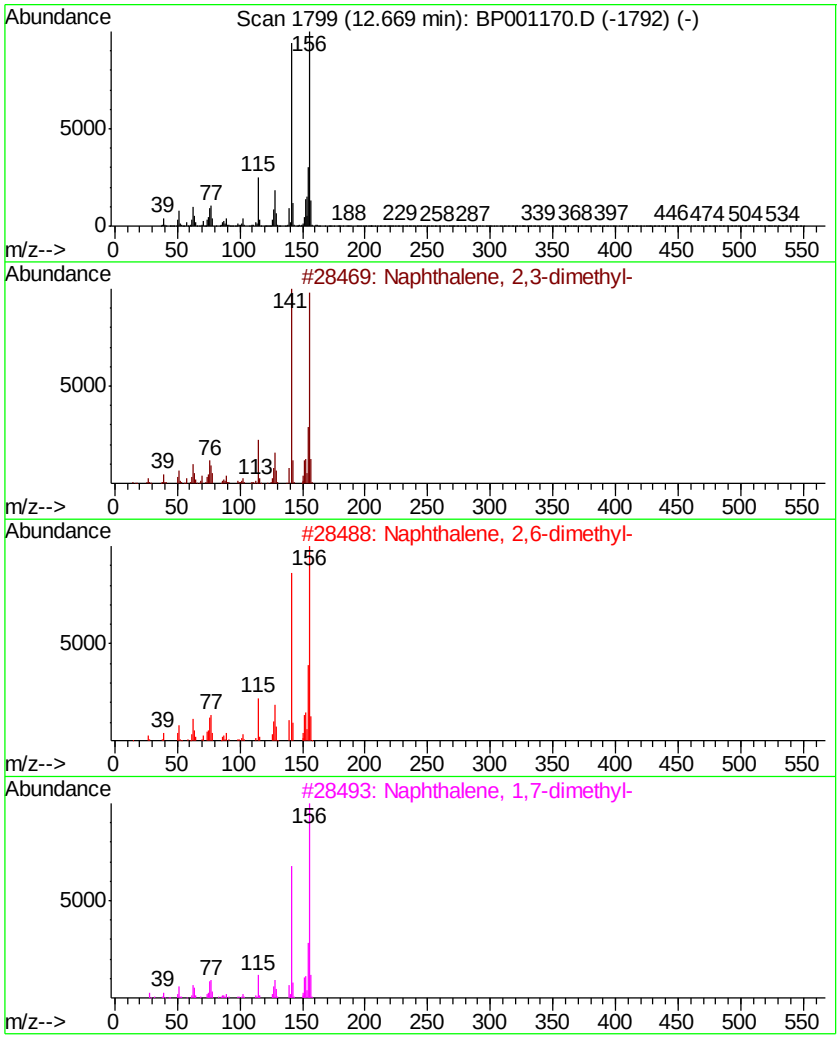
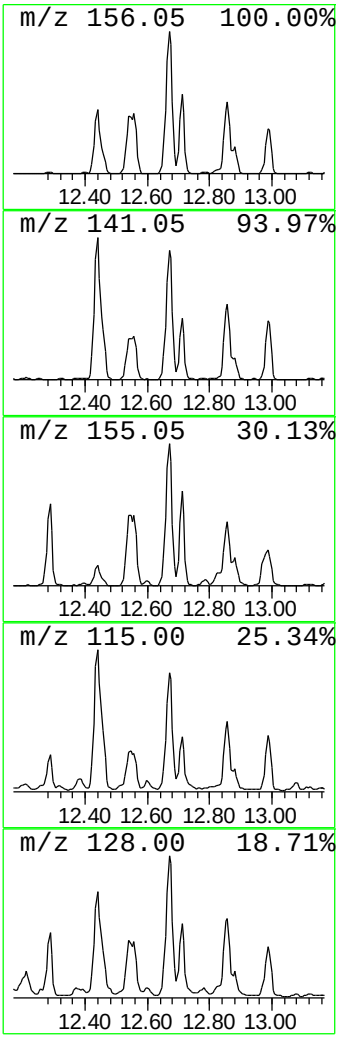
Peak Number 16 Naphthalene, 1,7-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	37.74 ng	2612450	Acenaphthene-d10	13.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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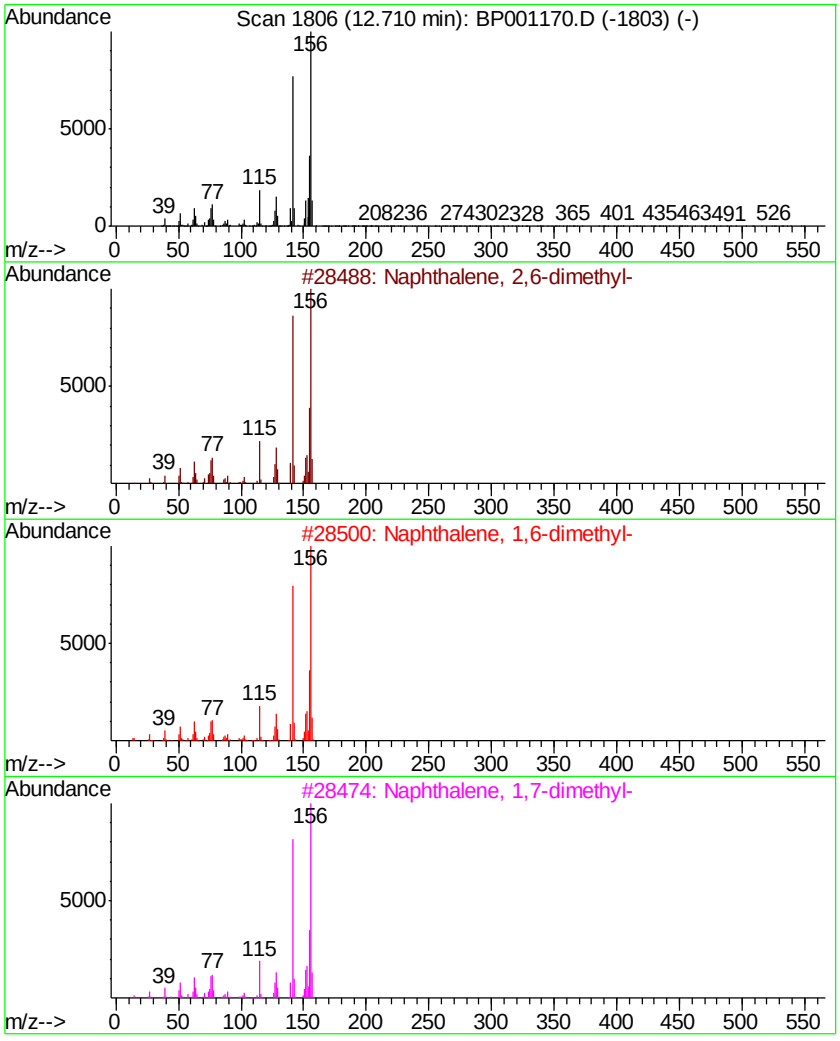
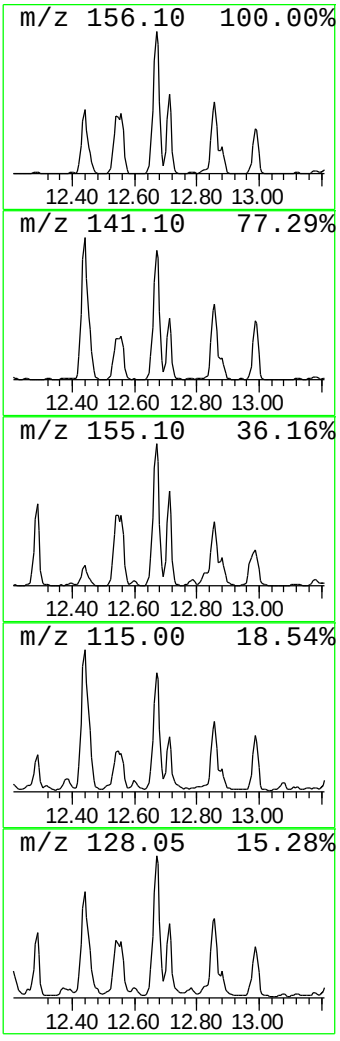
Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	11.49 ng	795451	Acenaphthene-d10	13.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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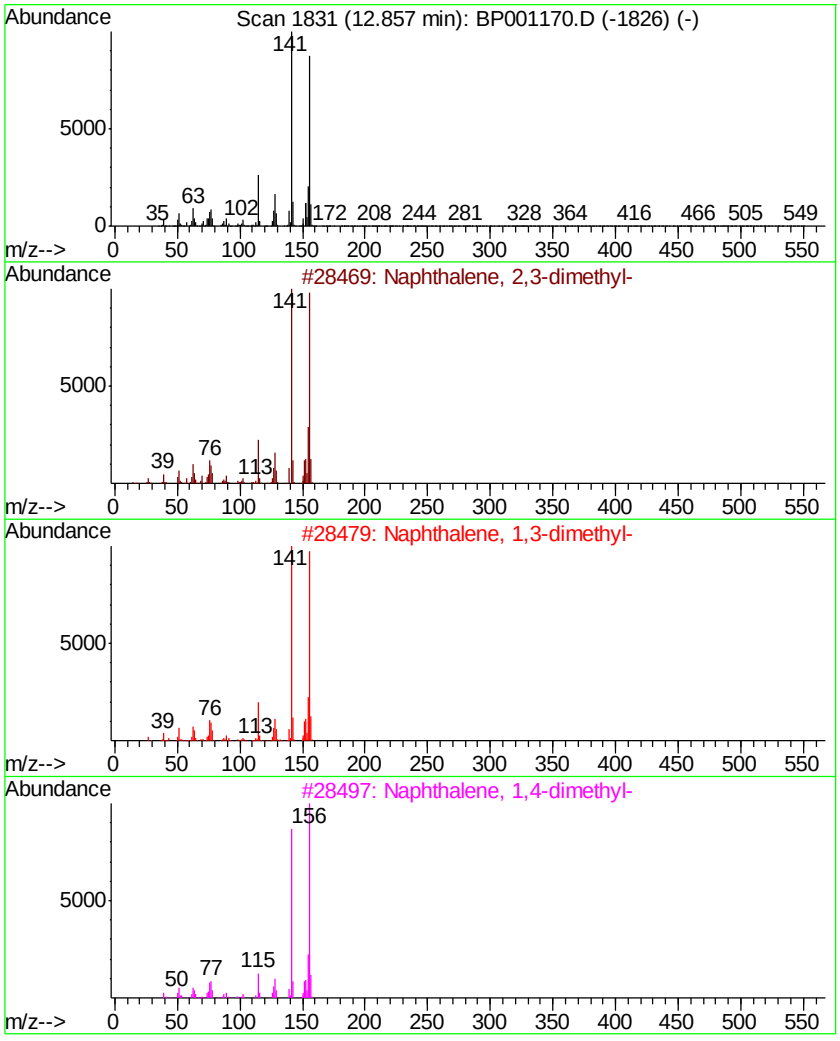
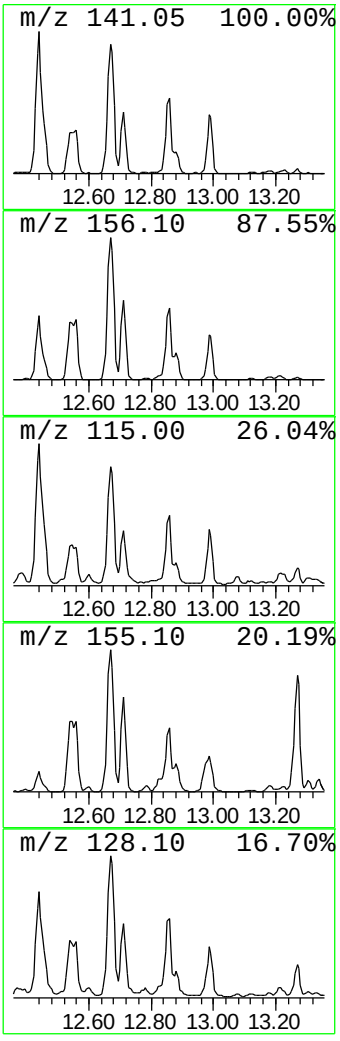
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	17.09 ng	1183060	Acenaphthene-d10	13.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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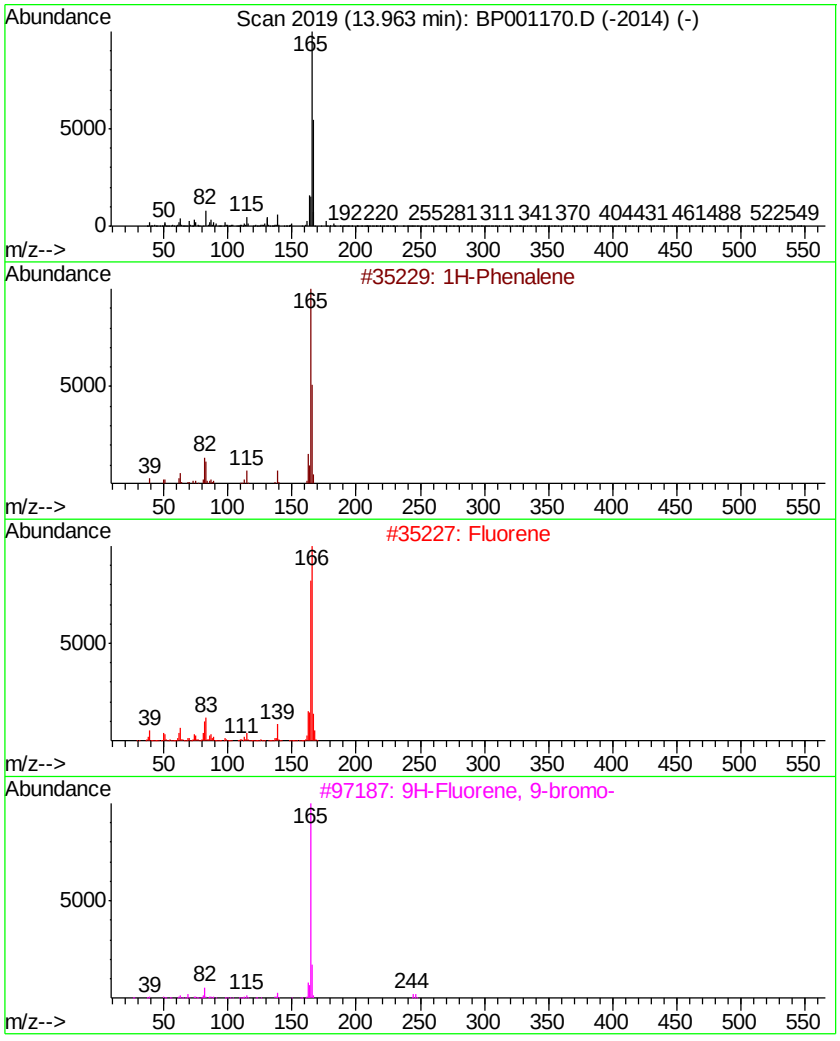
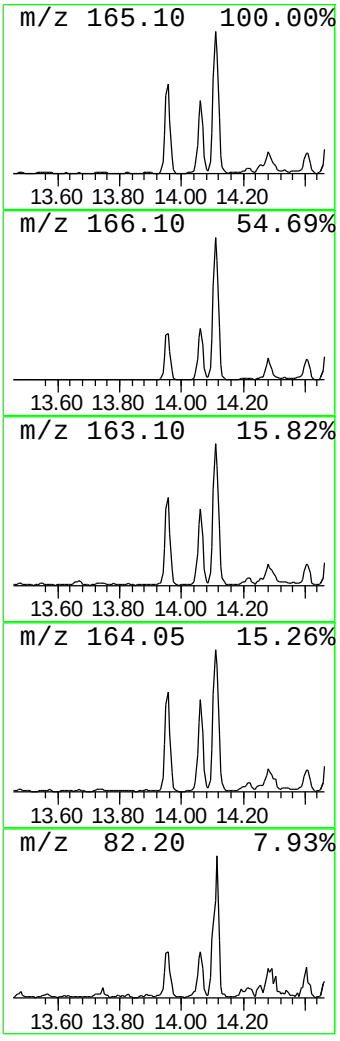
Peak Number 19 1H-Phenalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	11.17 ng	773381	Acenaphthene-d10	13.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	86
2	Fluorene	166	C13H10	000086-73-7	70
3	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
4	1,4-Oxathiino[3,2-b]pyridine, 6-...	165	C8H7NOS	056114-39-7	33
5	Fluorene, 9-benzenesulfonyl-	306	C19H14O2S	022010-78-2	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
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Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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

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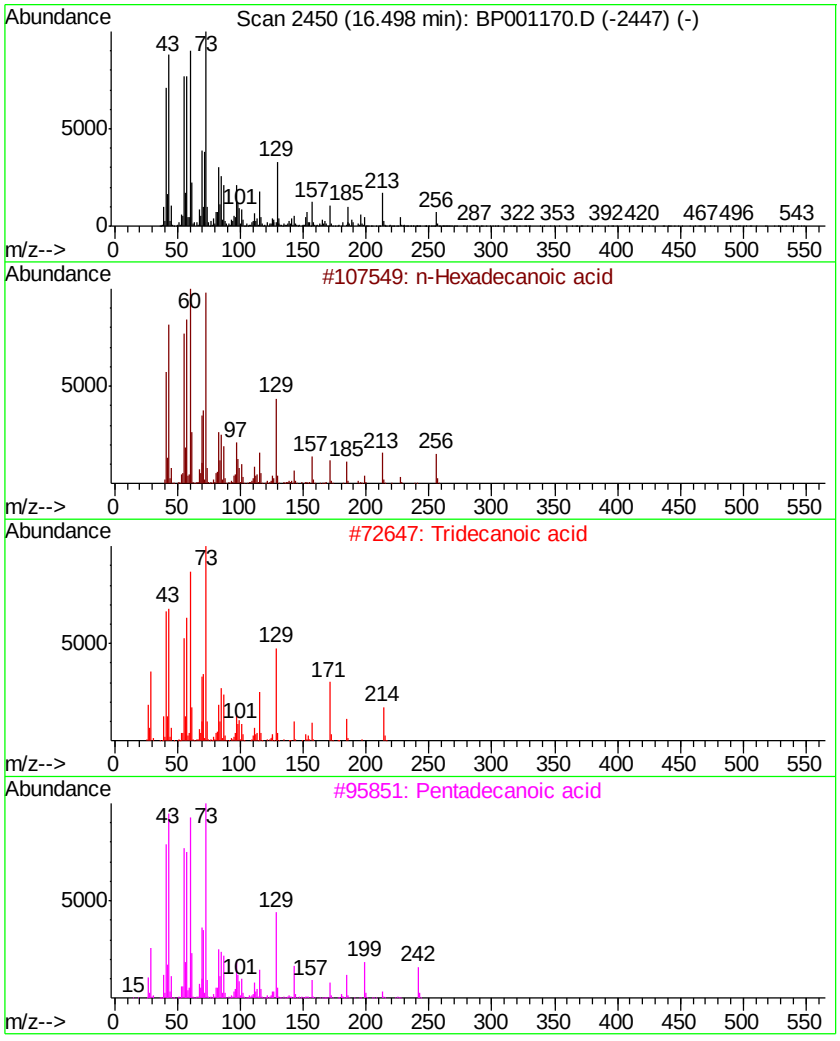
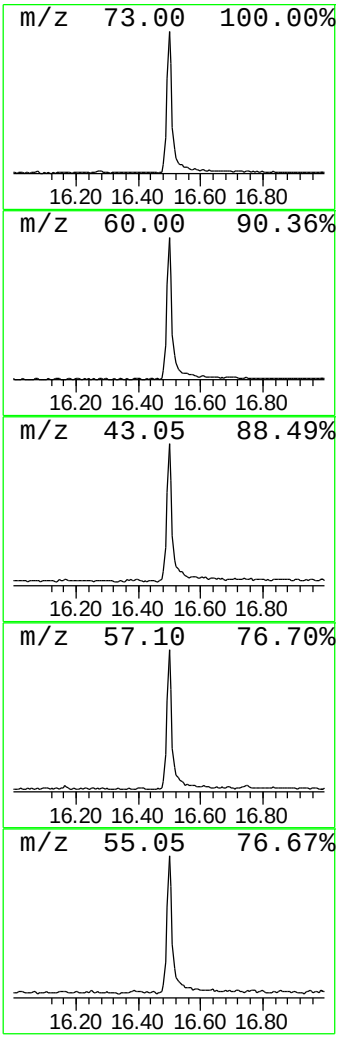
Peak Number 20 n-Hexadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	16.57 ng	871158	Phenanthrene-d10	15.61

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	96
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP120319\
Data File : BP001170.D
Acq On : 03 Dec 2019 22:37
Operator : JU
Sample : K6027-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MW-14

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
Benzene, (1-methy...	7.05	72.6	ng	2729500	1	8.32	751677	20.0
Benzene, propyl-	7.49	61.4	ng	2309220	1	8.32	751677	20.0
Mesitylene	7.85	141.7	ng	5326260	1	8.32	751677	20.0
unknown7.96	7.96	91.7	ng	3446170	1	8.32	751677	20.0
Benzene, 1,2,4-tr...	8.08	494.9	ng	18598800	1	8.32	751677	20.0
Benzene, 1-ethyl-...	8.42	197.6	ng	7427420	1	8.32	751677	20.0
Indane	8.62	308.0	ng	11576300	1	8.32	751677	20.0
Benzene, 1,2-diet...	8.73	49.2	ng	1849140	1	8.32	751677	20.0
Benzene, 4-ethyl-...	8.85	58.1	ng	2182490	1	8.32	751677	20.0
Benzene, 1-ethyl-...	9.07	36.5	ng	1370600	1	8.32	751677	20.0
Benzene, 1-methyl...	9.11	28.9	ng	1087810	1	8.32	751677	20.0
Naphthalene, 1-et...	12.44	31.5	ng	2179440	3	13.21	1384520	20.0
Naphthalene, 1,7-...	12.67	37.7	ng	2612450	3	13.21	1384520	20.0
Naphthalene, 2,6-...	12.71	11.5	ng	795451	3	13.21	1384520	20.0
Naphthalene, 1,3-...	12.86	17.1	ng	1183060	3	13.21	1384520	20.0
1H-Phenalene	13.96	11.2	ng	773381	3	13.21	1384520	20.0
n-Hexadecanoic acid	16.50	16.6	ng	871158	4	15.61	1051560	20.0