LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	31	38	70	rBV	48114218	133091728	100.00%	48.199%
2	3.940	158	162	172	rVB	1518835	2296832	1.73%	0.832%
3	5.216	373	379	389	rVB	5269984	8020549	6.03%	2.905%
4	5.352	394	402	418	rVB	14499091	27952658	21.00%	10.123%
5	5.710	455	463	476	rBV	6961449	10938120	8.22%	3.961%
6	8.116	863	872	882	rBV	7392456	12078754	9.08%	4.374%
7	8.440	919	927	940	rVB	2597113	5355665	4.02%	1.940%
8	9.634	1122	1130	1133	rBV	3960101	7021121	5.28%	2.543%
9	9.663	1133	1135	1142	rVB	2607898	3431881	2.58%	1.243%
10	9.910	1152	1177	1181	rBV	4079685	14324210	10.76%	5.187%
11	9.945	1181	1183	1197	rVB3	870380	1622583	1.22%	0.588%
12	10.087	1197	1207	1214	rVB2	1977853	3950196	2.97%	1.431%
13	10.434	1259	1266	1270	rBV	894041	1522922	1.14%	0.552%
14	10.498	1270	1277	1284	rVB2	1275671	2368411	1.78%	0.858%
15	11.051	1362	1371	1380	rVB	666090	1724427	1.30%	0.624%
16	11.528	1400	1452	1455	rBV	2558176	22219001	16.69%	8.047%
17	13.704	1813	1822	1832	rVB	919316	1426565	1.07%	0.517%
18	13.981	1864	1869	1874	rBV	1033614	1523159	1.14%	0.552%
19	14.292	1916	1922	1929	rBV2	1367716	2141192	1.61%	0.775%
20	15.292	2086	2092	2097	rBV	1297493	1846508	1.39%	0.669%
21	17.045	2384	2390	2396	rBV	1626238	2308195	1.73%	0.836%
22	17.139	2401	2406	2413	rVB2	1291979	1884220	1.42%	0.682%
23	19.445	2793	2798	2803	rVB	1295874	1753199	1.32%	0.635%
24	21.245	3099	3104	3110	rVB	1426494	1757179	1.32%	0.636%
25	23.321	3452	3457	3469	rVB2	802647	1867581	1.40%	0.676%
26	23.462	3475	3481	3491	rVB	904563	1703208	1.28%	0.617%

Sum of corrected areas: 276130064

LSC Report - Integrated Chromatogram

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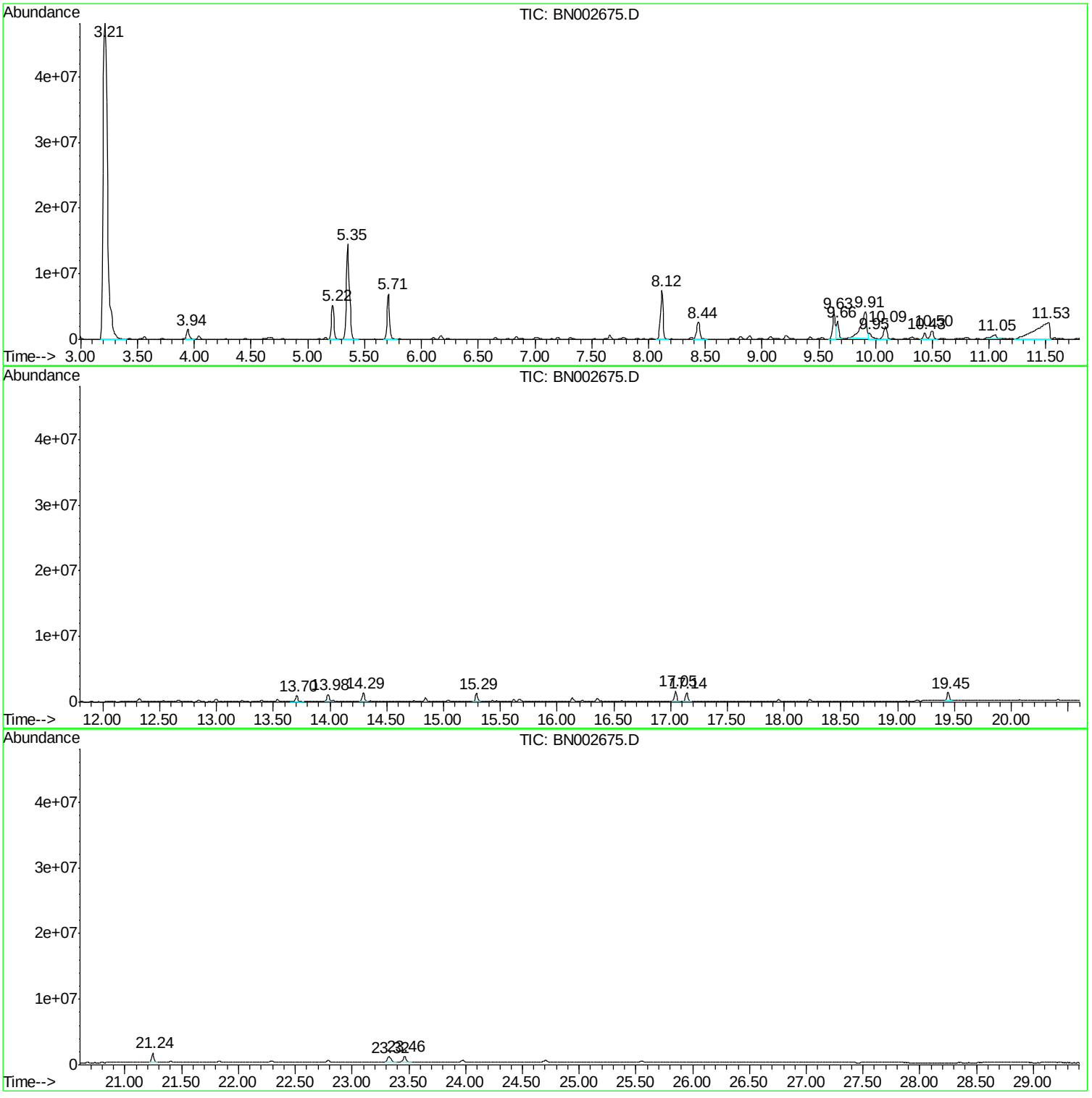
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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ClientSampleId : C0D07

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Quant Title : SVOA CALIBRATION

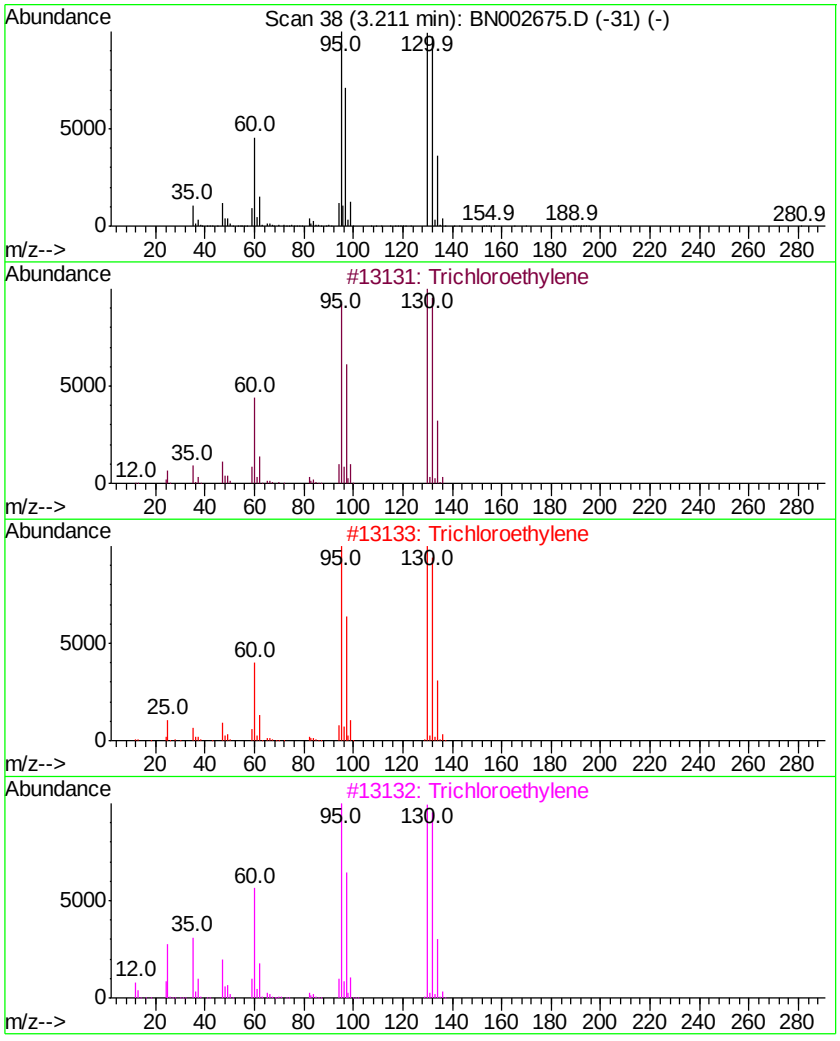
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

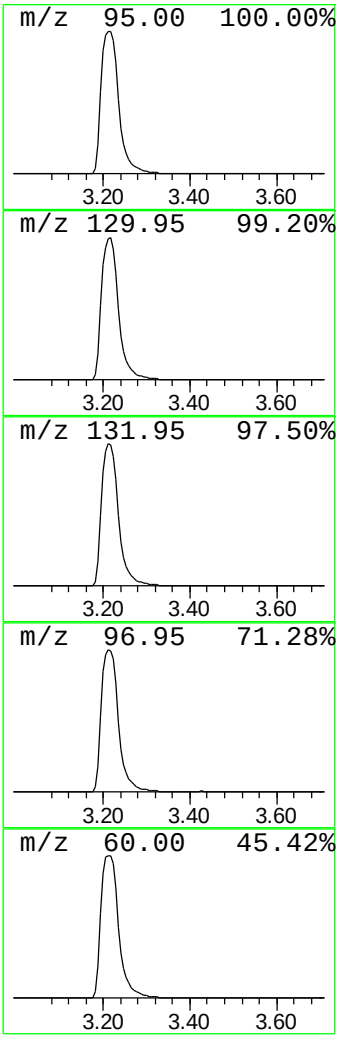
****

Peak Number 1 Trichloroethylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	220.37 ng/ul	133092000	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	99
2	Trichloroethylene	130	C2HCl3	000079-01-6	99
3	Trichloroethylene	130	C2HCl3	000079-01-6	97
4	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	22
5	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	22





Library Search Compound Report

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Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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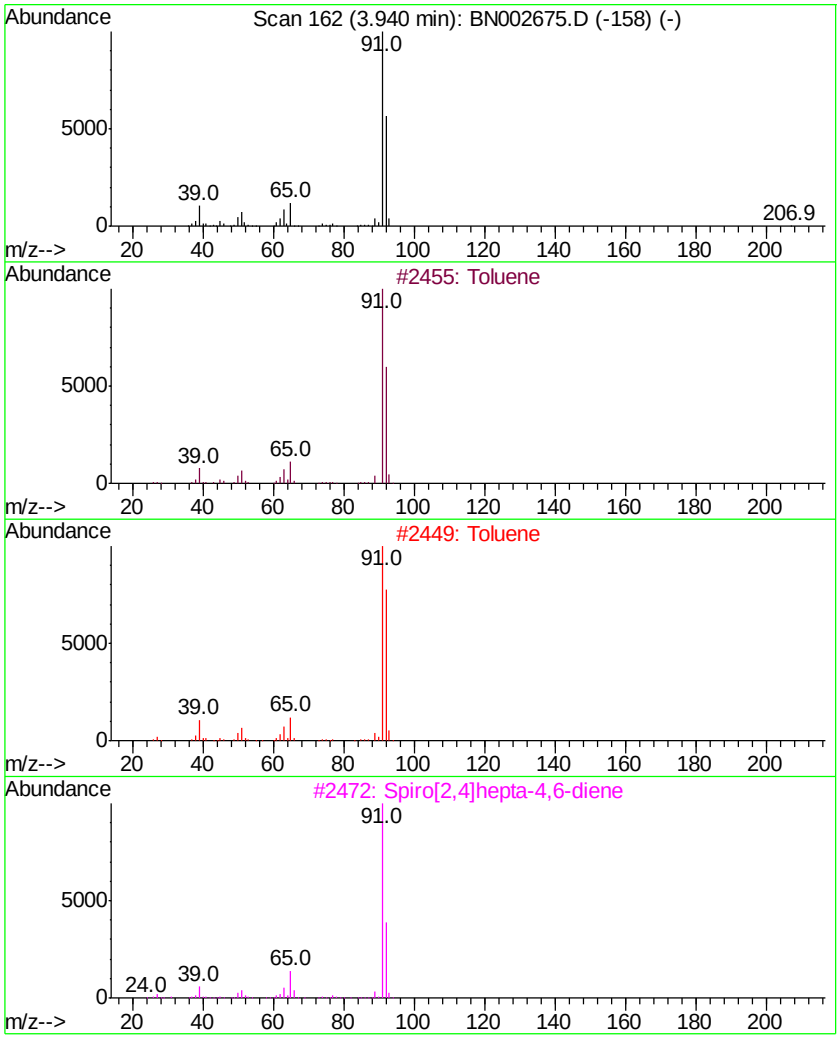
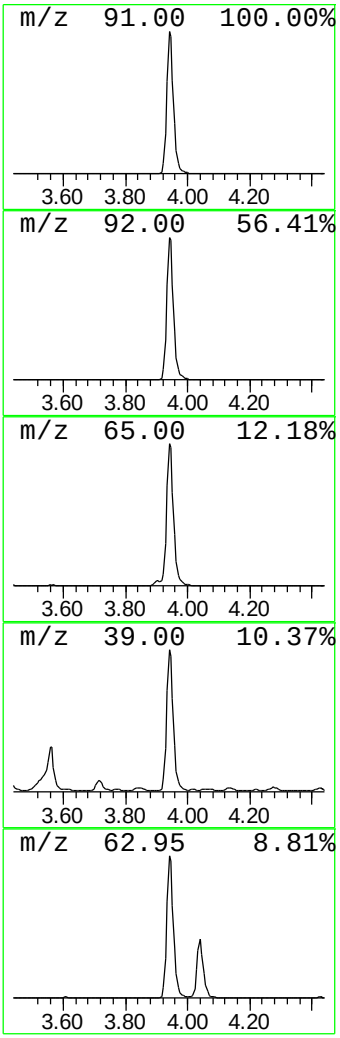
Peak Number 2 Toluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	3.80 ng/ul	2296830	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	Toluene	92	C7H8	000108-88-3	91
3	Spiro[2,4]hepta-4,6-diene	92	C7H8	000765-46-8	91
4	Toluene	92	C7H8	000108-88-3	91
5	Toluene	92	C7H8	000108-88-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

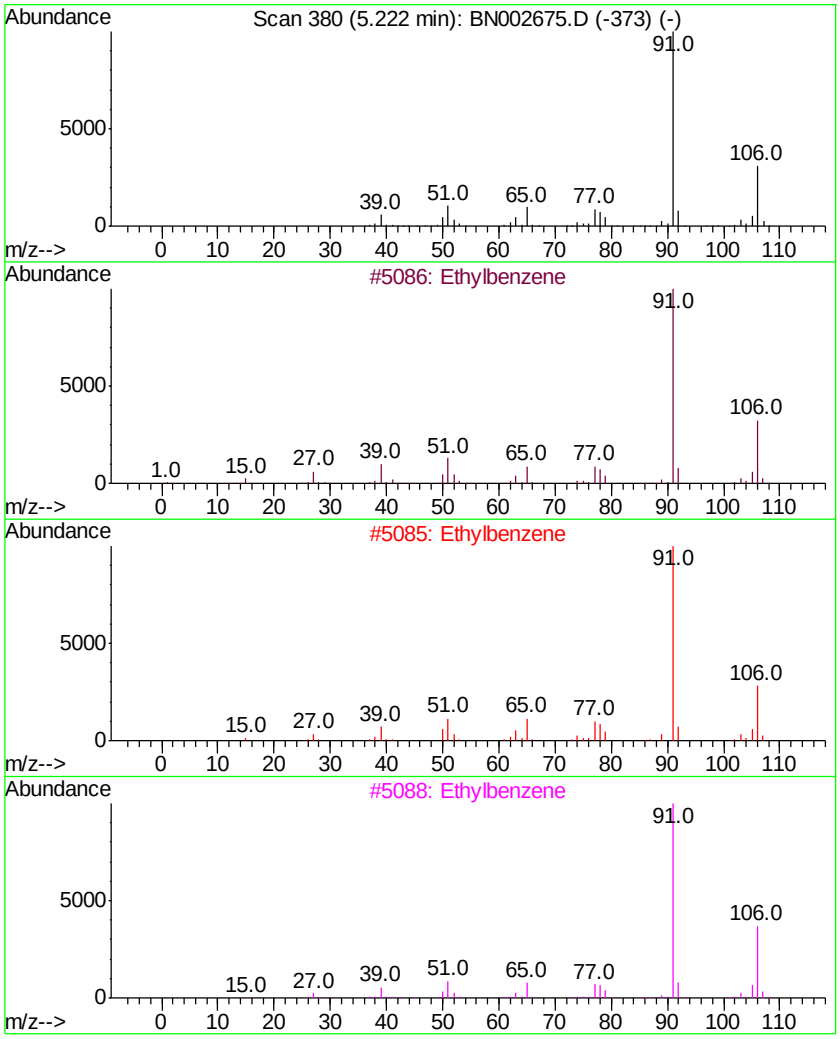
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

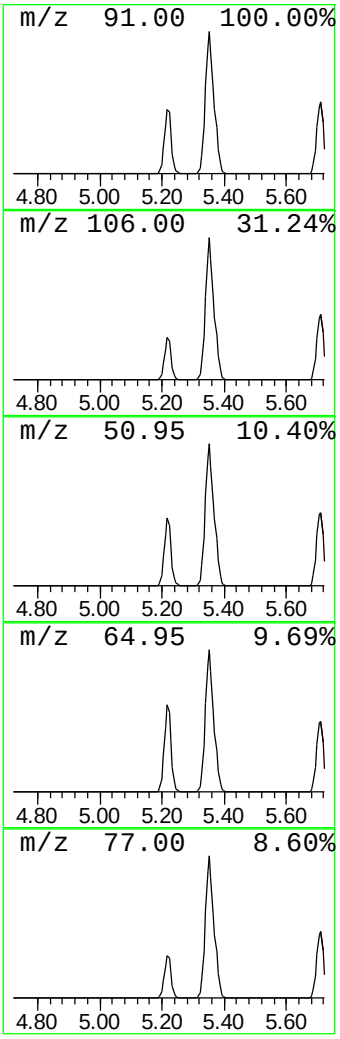
****

Peak Number 3 Ethylbenzene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	13.28 ng/ul	8020550	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	93
4	Ethylbenzene	106	C8H10	000100-41-4	91
5	o-Xylene	106	C8H10	000095-47-6	72





Library Search Compound Report

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Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 4 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.35	46.28 ng/ul	27952700	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
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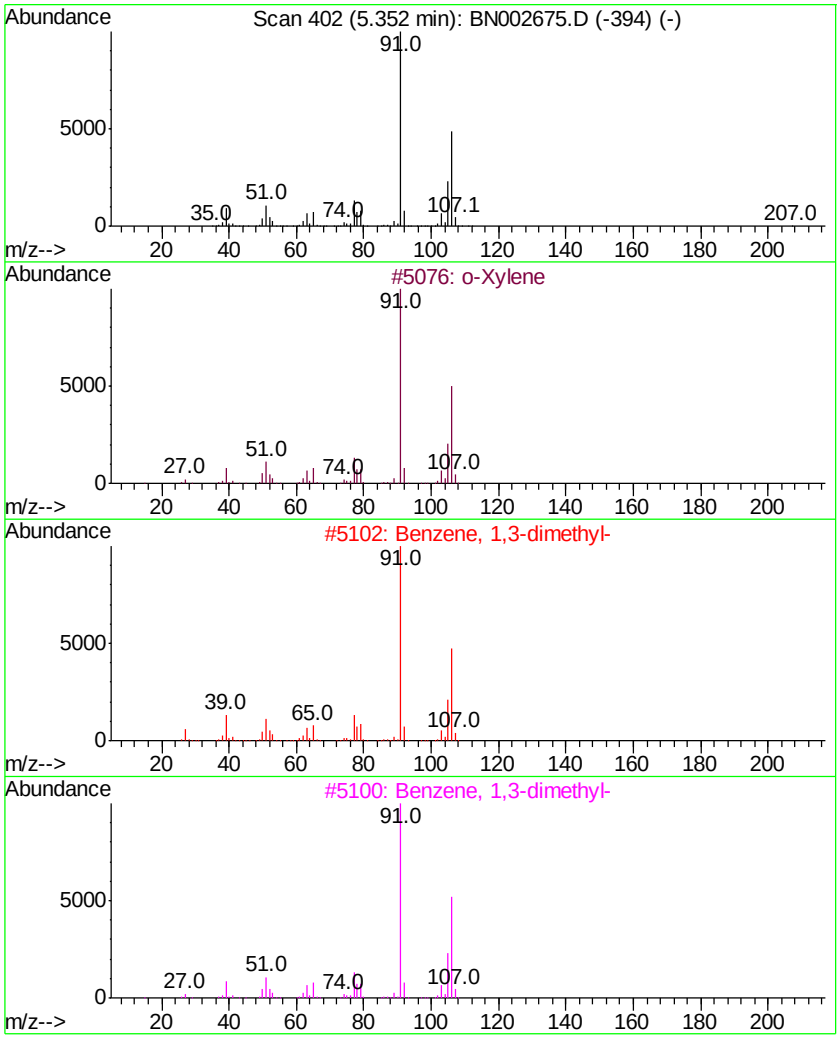

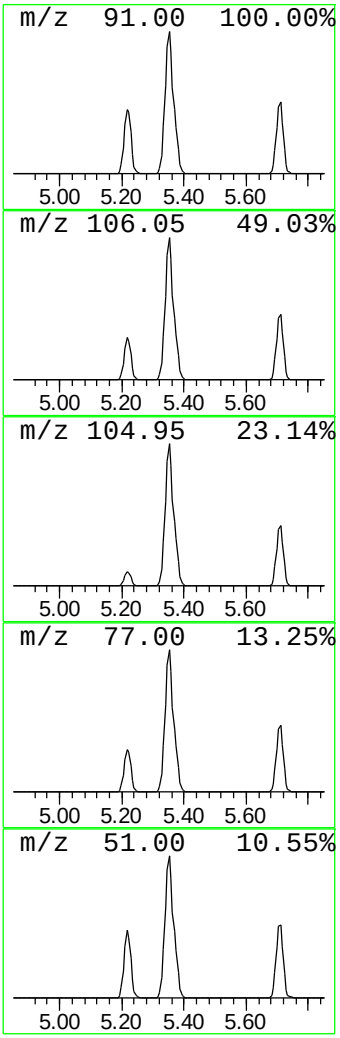

Library Search Compound Report

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Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

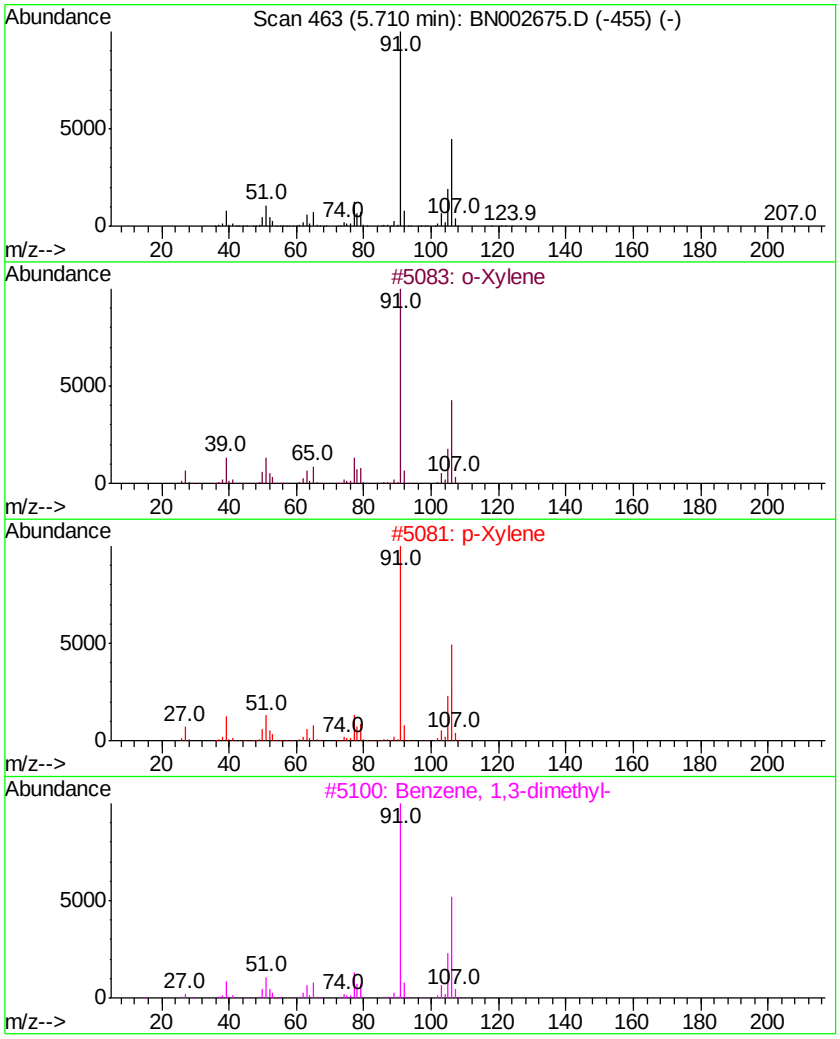
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

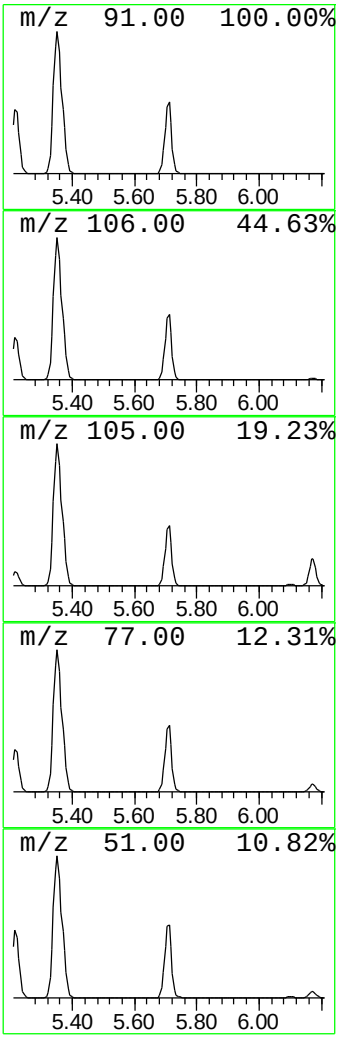
****

Peak Number 5 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.71	18.11 ng/ul	10938100	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	o-Xylene	106	C8H10	000095-47-6	97





Library Search Compound Report

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Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

****

Peak Number 6 Phenol, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	188.12 ng/ul	14324200	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
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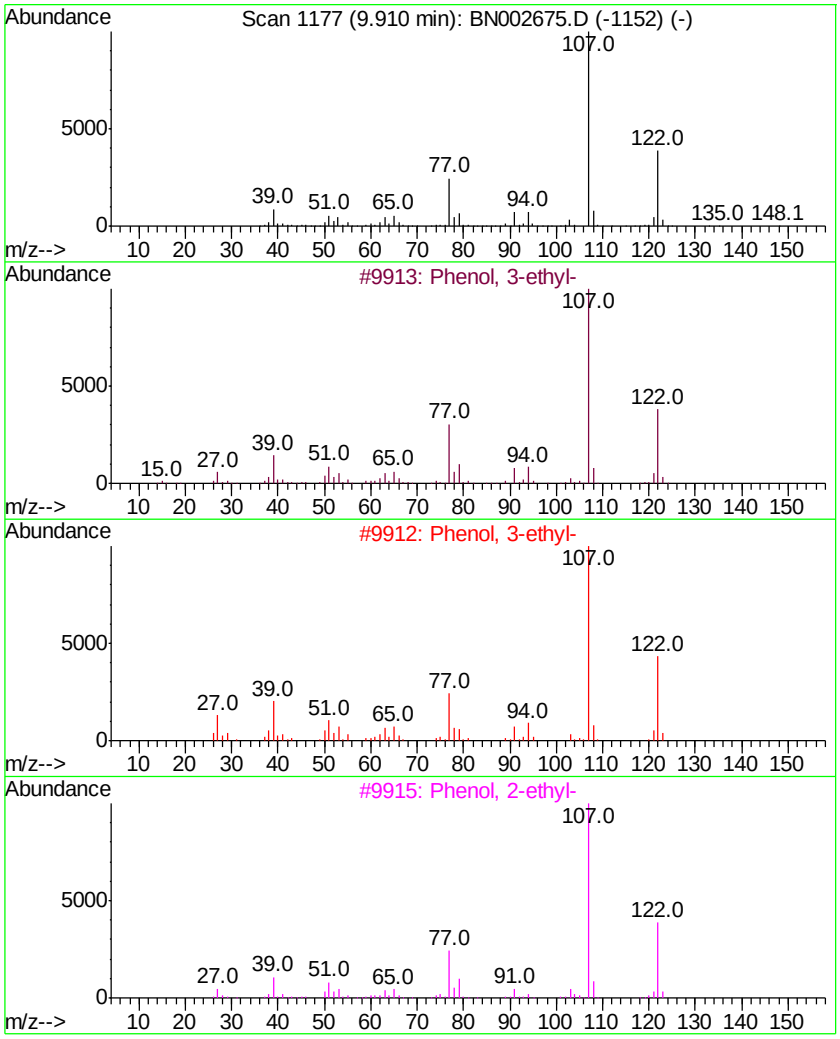

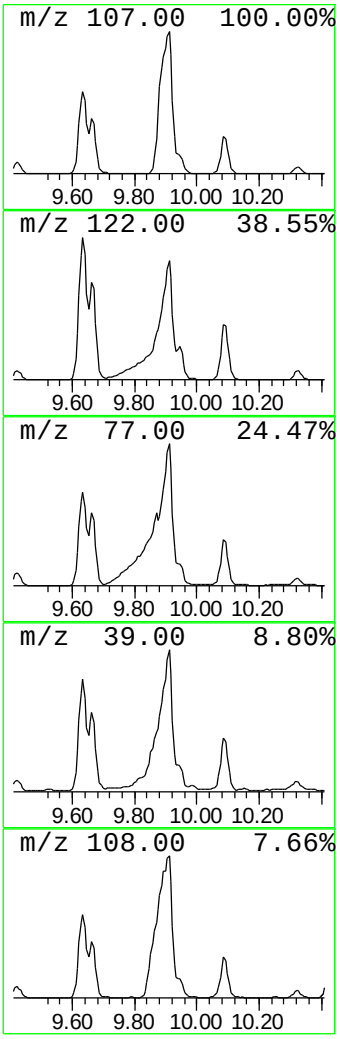

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Quant Title : SVOA CALIBRATION

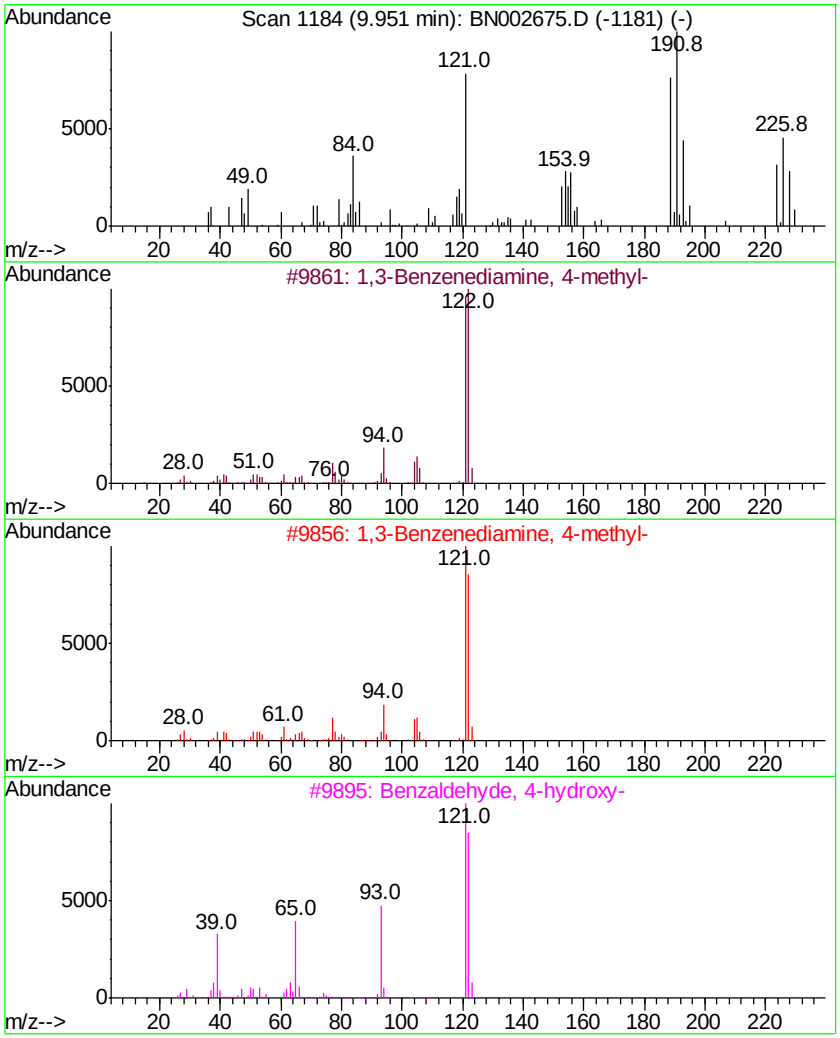
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

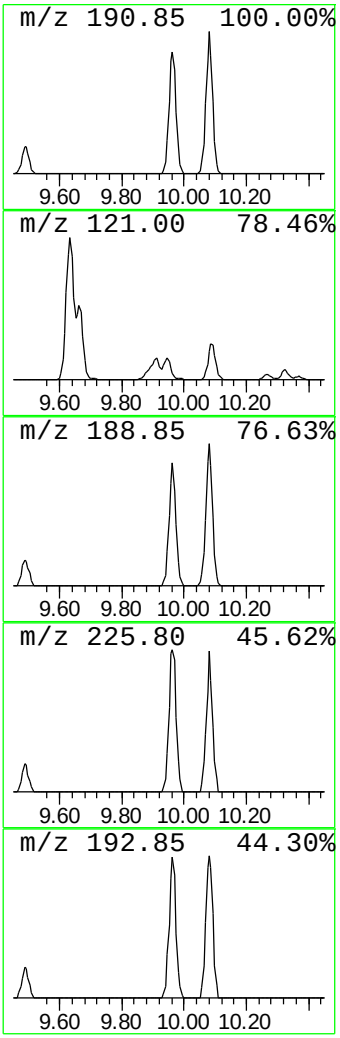
****

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.95	21.31 ng/ul	1622580	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	47
2	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	47
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	47
4	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	47
5	1,3-Benzodioxole	122	C7H6O2	000274-09-9	38





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TIC Library : C:\Database\NIST11.L
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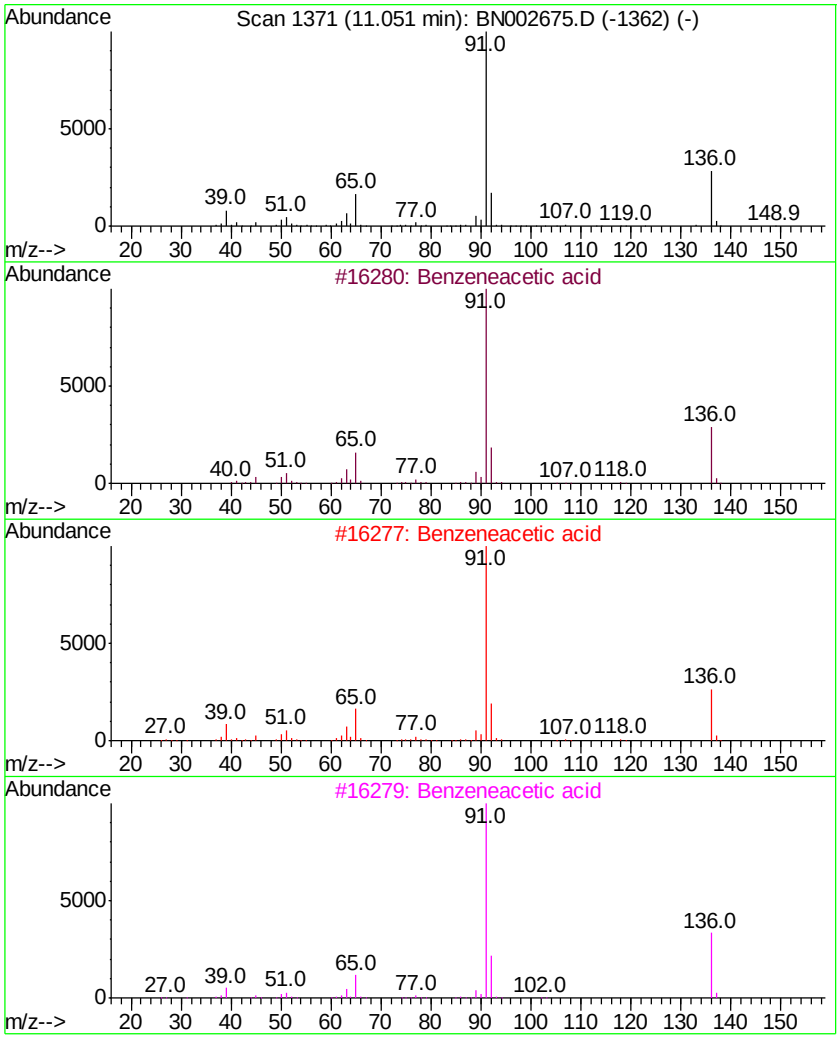
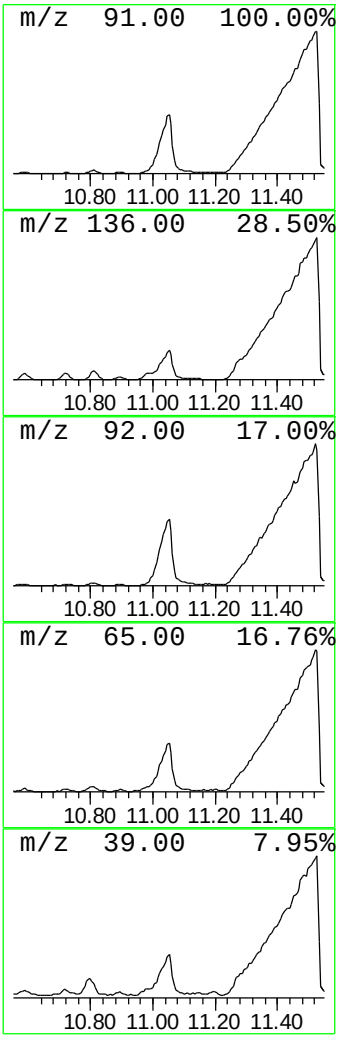
****

Peak Number 8 Benzeneacetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	22.65 ng/ul	1724430	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	94
3	Benzeneacetic acid	136	C8H8O2	000103-82-2	91
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	83
5	Benzeneacetic acid	136	C8H8O2	000103-82-2	80





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Quant Title : SVOA CALIBRATION

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

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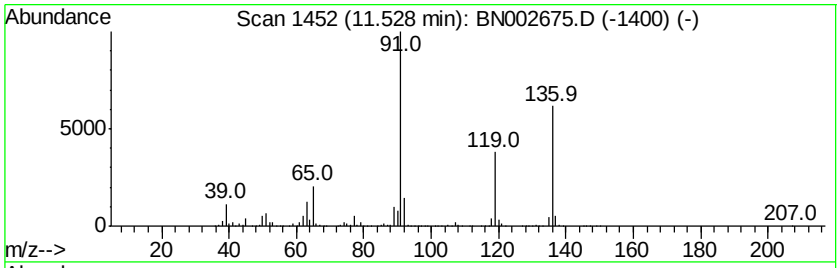
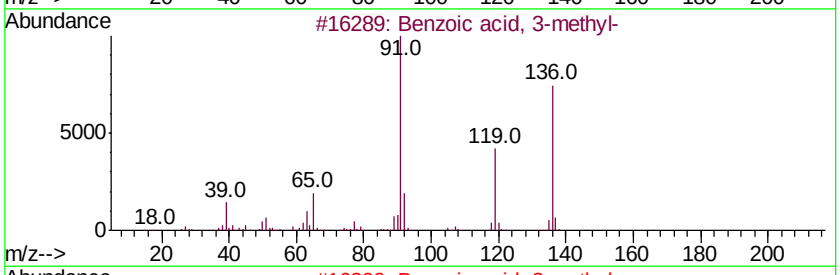
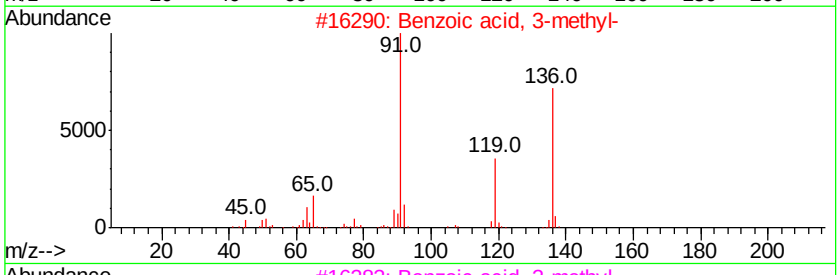
Peak Number 9 Benzoic acid, 3-methyl- Concentration Rank 1

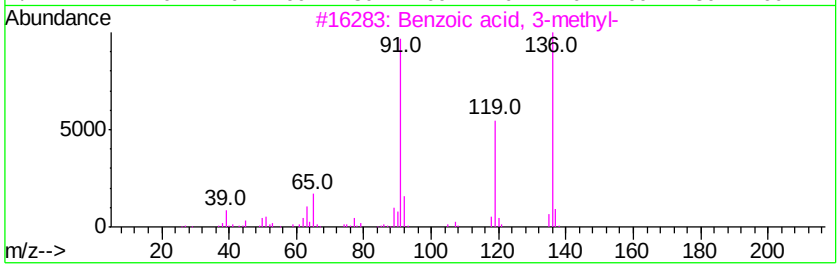
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	291.79 ng/ul	22219000	Naphthalene-d8	10.43

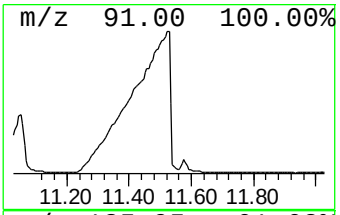
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
3	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	95
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	91
5	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	91

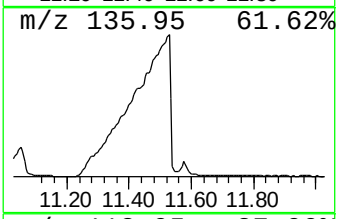


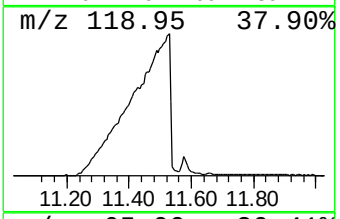


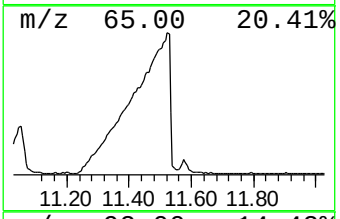


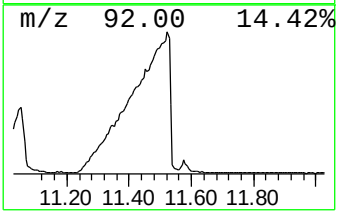












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091318\
Data File : BN002675.D
Acq On : 13 Sep 2018 14:56
Operator : JU/SJ
Sample : J4864-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0D07

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA 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
Trichloroethylene	3.21	220.4	ng/ul	133092000	1	7.66	12078800	20.0
Toluene	3.94	3.8	ng/ul	2296830	1	7.66	12078800	20.0
Ethylbenzene	5.22	13.3	ng/ul	8020550	1	7.66	12078800	20.0
o-Xylene	5.35	46.3	ng/ul	27952700	1	7.66	12078800	20.0
p-Xylene	5.71	18.1	ng/ul	10938100	1	7.66	12078800	20.0
Phenol, 3-ethyl-	9.91	188.1	ng/ul	14324200	2	10.43	1522920	20.0
unknown-01	9.95	21.3	ng/ul	1622580	2	10.43	1522920	20.0
Benzeneacetic acid	11.05	22.6	ng/ul	1724430	2	10.43	1522920	20.0
Benzoic acid, 3-m...	11.53	291.8	ng/ul	22219000	2	10.43	1522920	20.0