

Data File : BM024385.D
Acq On : 30 Dec 2019 22:21
Operator : JU
Sample : K6356-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0D40

Quant Time: Dec 31 03:16:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 03:12:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	233634	20.00	ng/ul	0.04
18) Naphthalene-d8	10.19	136	862135	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.07	164	483497	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	977917	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	951696	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1167803	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	30958	5.85	ng/uL	0.00
5) Phenol-d5	6.62	99	108945	4.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.77	67	397431	29.96	ng/ul	0.01
9) 2-Chlorophenol-d4	6.96	132	357912	22.69	ng/ul	0.01
13) 4-Methylphenol-d8	8.14	113	209972	11.61	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	220701	35.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	241584	35.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	388595	29.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	22368	1.39	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	1262324	35.31	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1553032	36.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	12027	1.87	ng/ul	0.03
58) Fluorene-d10	15.07	176	1101850	35.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	161072	27.00	ng/ul	0.00
71) Anthracene-d10	16.93	188	1670319	37.54	ng/ul	0.00
79) Pyrene-d10	19.24	212	1811832	39.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	2221896	38.30	ng/ul	0.00

Target Compounds

					Qvalue
11) 2-Methylphenol	7.79	108	296528	17.459 ng/ul	98
20) Nitrobenzene	8.61	77	2665939	154.817 ng/ul	99
23) 2-Nitrophenol	9.32	139	17883	2.385 ng/ul#	75
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	548772	41.987 ng/ul	99
45) Dimethylphthalate	13.55	163	95260	2.564 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	2010876	163.842 ng/uL	97
74) Pentachlorobenzene	14.40	250	50491	3.735 ng/uL	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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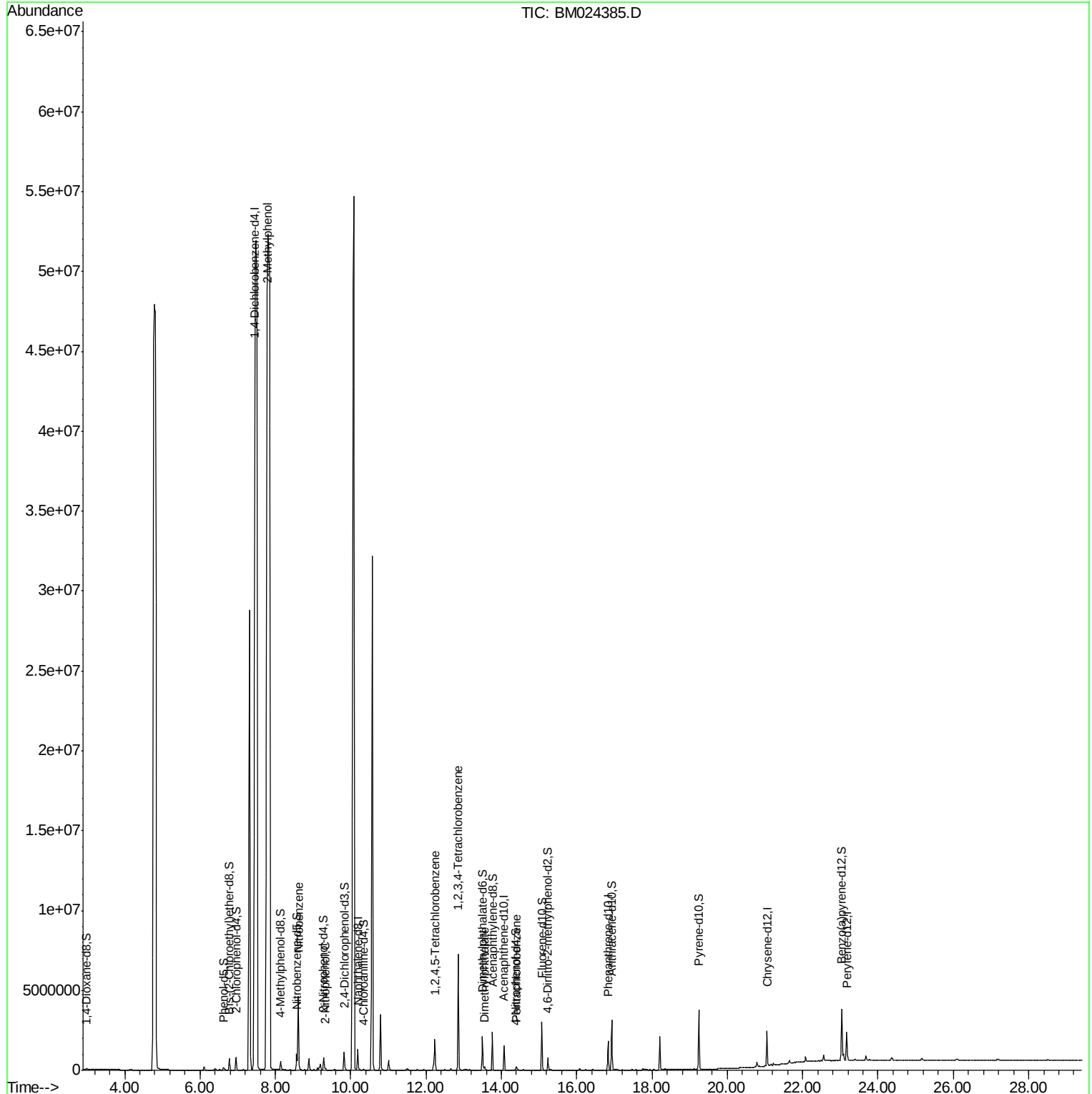
Quant Time: Dec 31 03:16:11 2019

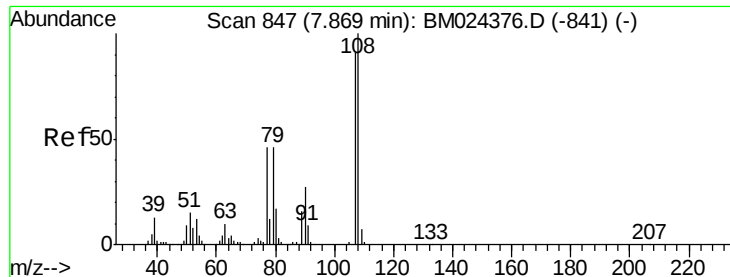
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M

Quant Title : SVOA CALIBRATION

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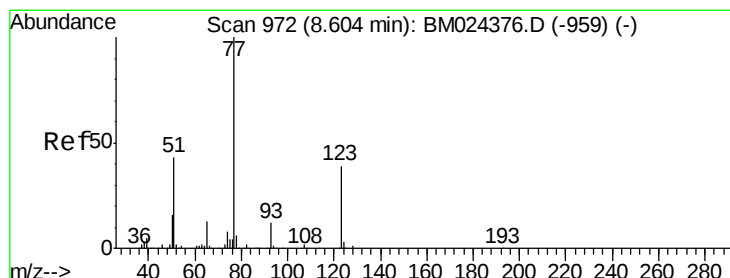
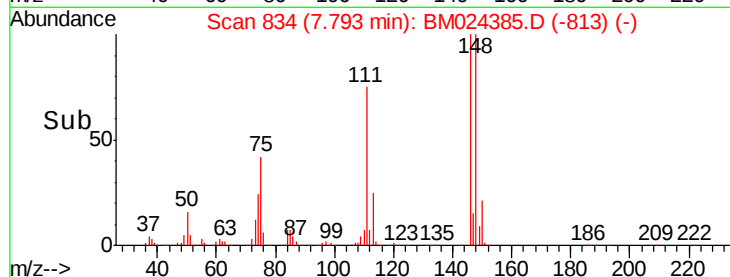
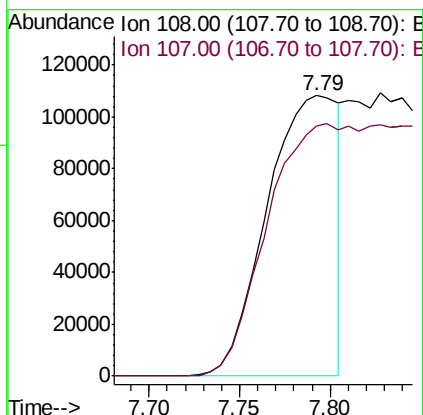
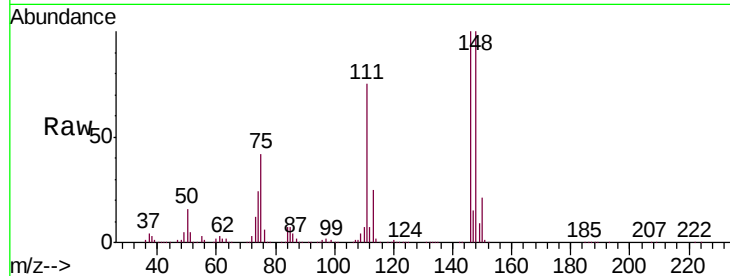




#11
2-Methylphenol
Concen: 17.459 ng/ul
RT: 7.79 min Scan# 834
Delta R.T. -0.08 min
Lab File: BM024385.D
Acq: 30 Dec 2019 22:21

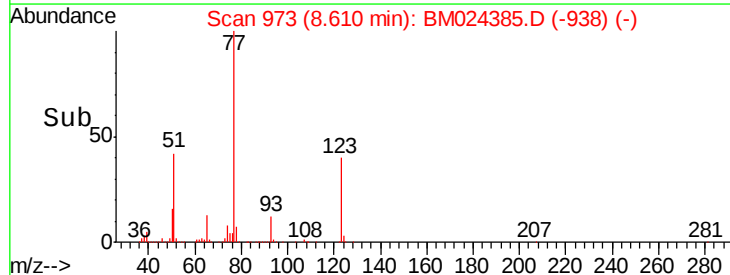
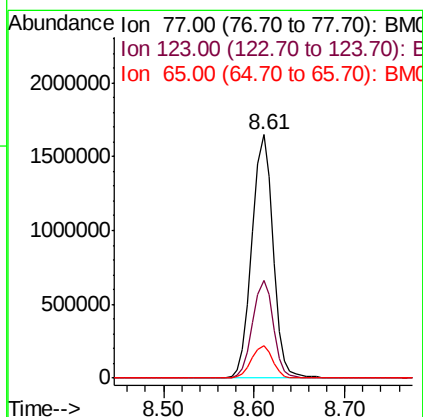
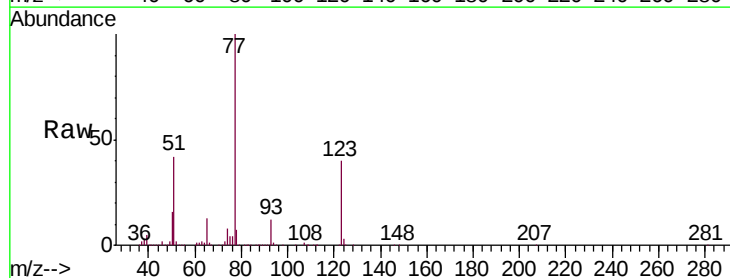
Instrument :
BNA_M
ClientSampleId :
C0D40

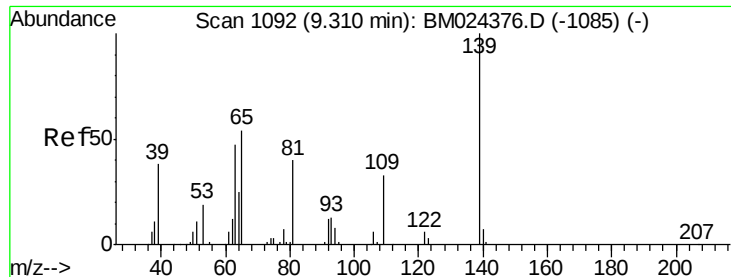
Tgt Ion:108 Resp: 296528
Ion Ratio Lower Upper
108 100
107 89.2 72.7 109.1



#20
Nitrobenzene
Concen: 154.817 ng/ul
RT: 8.61 min Scan# 973
Delta R.T. 0.01 min
Lab File: BM024385.D
Acq: 30 Dec 2019 22:21

Tgt Ion: 77 Resp: 2665939
Ion Ratio Lower Upper
77 100
123 40.3 32.6 49.0
65 13.2 9.9 14.9

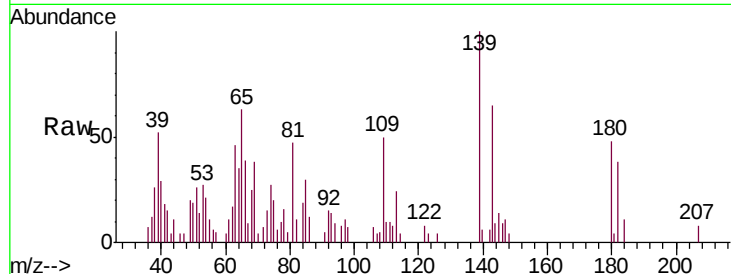




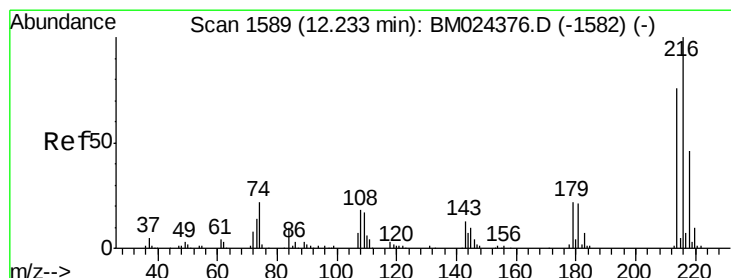
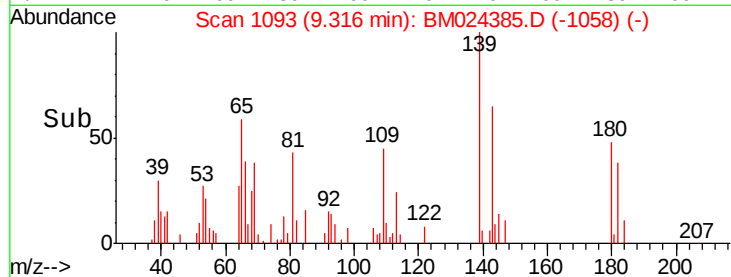
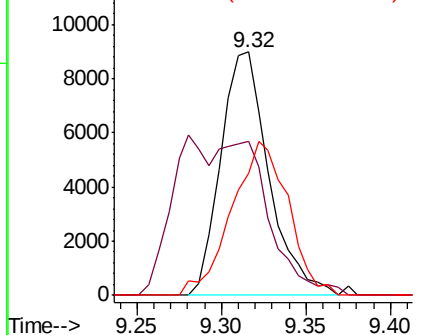
#23
 2-Nitrophenol
 Concen: 2.385 ng/ul
 RT: 9.32 min Scan# 1093
 Delta R.T. 0.01 min
 Lab File: BM024385.D
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Instrument :
 BNA_M
 ClientSampleId :
 C0D40

Tgt Ion:139 Resp: 17883
 Ion Ratio Lower Upper
 139 100
 65 63.4 40.2 60.2#
 109 50.1 24.6 37.0#

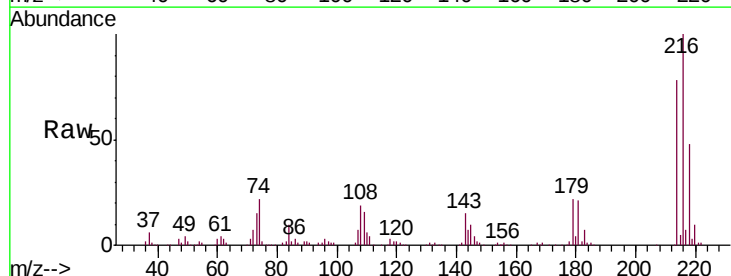


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 109.00 (108.70 to 109.70): E

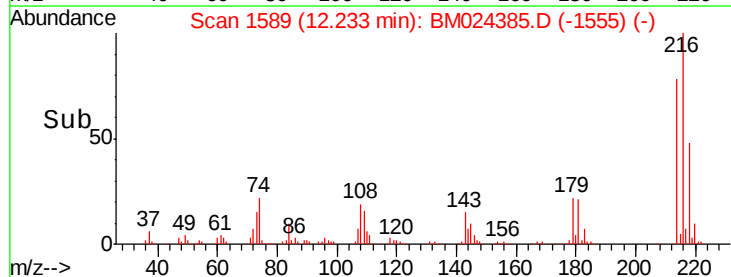
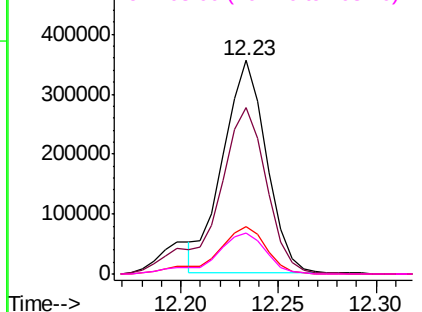


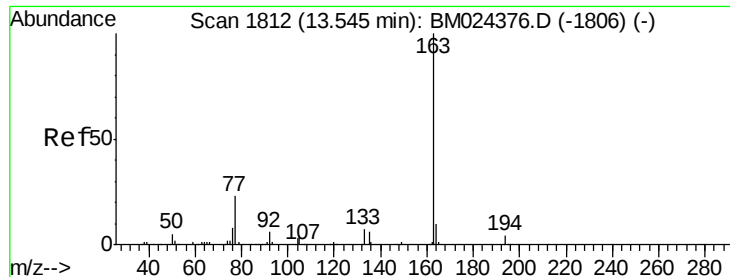
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.987 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM024385.D
 Acq: 30 Dec 2019 22:21

Tgt Ion:216 Resp: 548772
 Ion Ratio Lower Upper
 216 100
 214 77.8 62.7 94.1
 179 22.4 17.6 26.4
 108 19.3 14.8 22.2



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#45

Dimethylphthalate

Concen: 2.564 ng/uL

RT: 13.55 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM024385.D

Acq: 30 Dec 2019 22:21

Instrument :

BNA_M

ClientSampleId :

C0D40

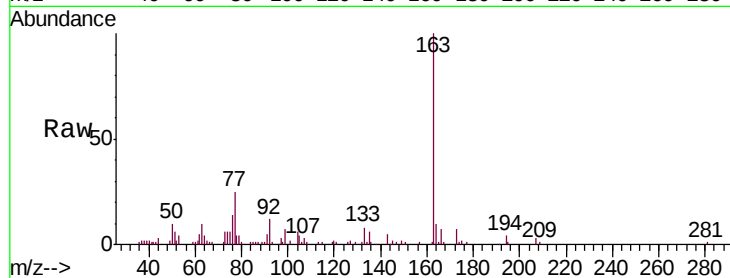
Tgt Ion:163 Resp: 95260

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

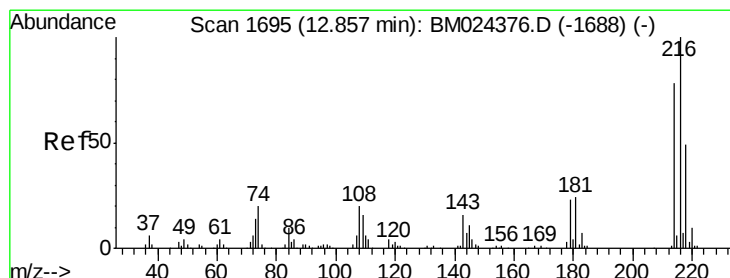
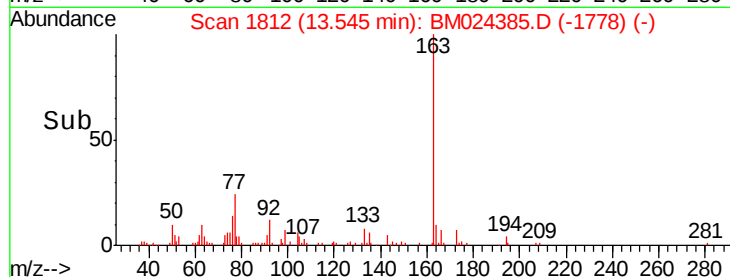
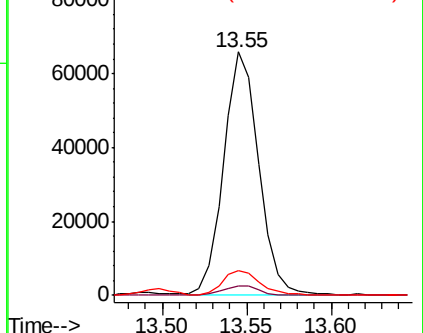
164 10.1 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 163.842 ng/uL

RT: 12.86 min Scan# 1695

Delta R.T. 0.00 min

Lab File: BM024385.D

Acq: 30 Dec 2019 22:21

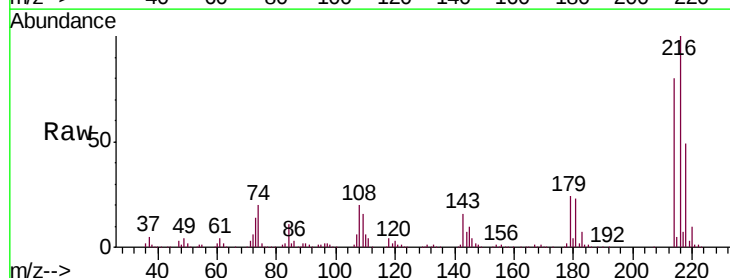
Tgt Ion:216 Resp: 2010876

Ion Ratio Lower Upper

216 100

214 80.0 61.2 91.8

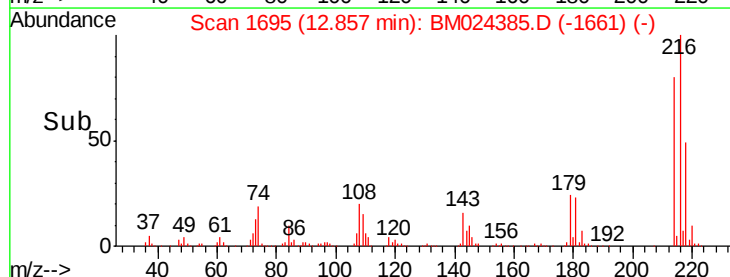
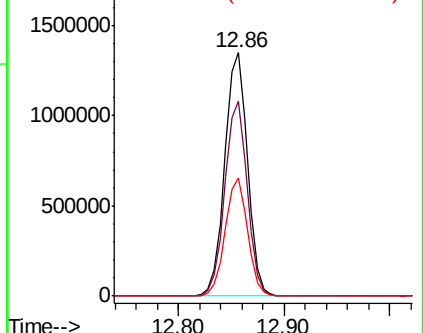
218 48.8 38.0 57.0

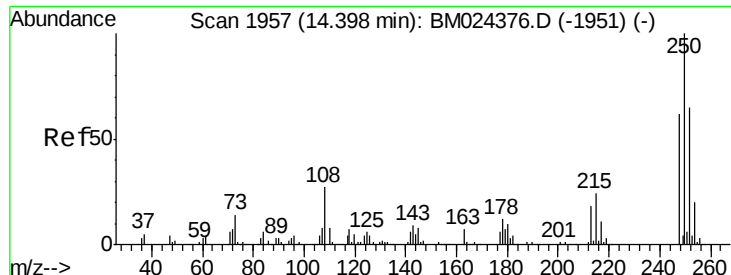


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 3.735 ng/uL

RT: 14.40 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM024385.D

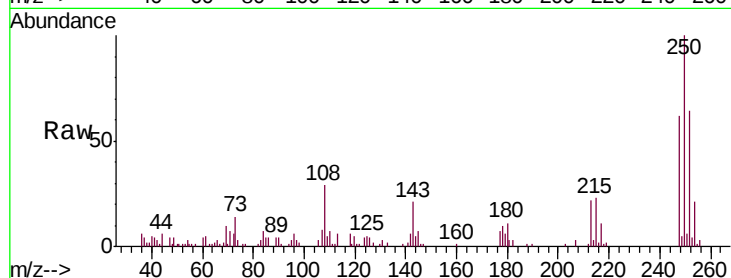
Acq: 30 Dec 2019 22:21

Instrument :

BNA_M

ClientSampleId :

C0D40



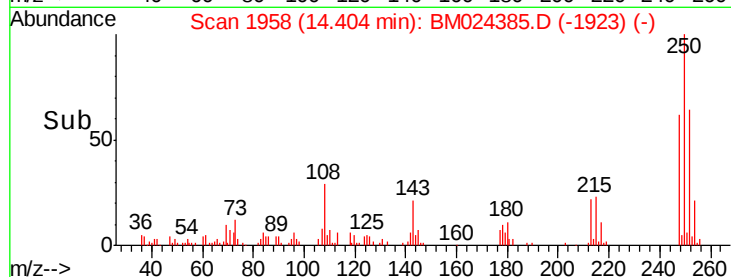
Tgt Ion:250 Resp: 50491

Ion Ratio Lower Upper

250 100

248 62.4 51.9 77.9

252 64.5 52.8 79.2



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

