

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025819.D
 Acq On : 27 Mar 2020 03:20
 Operator : CG/JU
 Sample : L1968-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DL5

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:31:20 AM

Quant Time: Mar 27 05:30:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 27 00:56:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	201162	20.00	ng/ul	0.06
18) Naphthalene-d8	10.36	136	722698	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.20	164	437938	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	932521	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1029402	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1136188	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	7696m	1.61	ng/uL	0.00
5) Phenol-d5	6.76	99	90034	5.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	234991	25.93	ng/ul	0.02
9) 2-Chlorophenol-d4	7.11	132	285289	22.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	174648m	13.39	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	173815	32.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	189305	33.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	321202	27.51	ng/ul	0.01
29) 4-Chloroaniline-d4	10.48	131	26252	1.94	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	1073535	32.25	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1298544	32.56	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	35419	5.59	ng/ul	0.00
58) Fluorene-d10	15.20	176	930612	31.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	157483	27.68	ng/ul	0.00
71) Anthracene-d10	17.04	188	1477229	33.92	ng/ul	0.00
79) Pyrene-d10	19.34	212	1639134	33.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2043617	35.13	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	8.77	77	3309665	252.912	ng/ul	98
23) 2-Nitrophenol	9.46	139	32676	5.095	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	638118m	46.070	ng/ul	
45) Dimethylphthalate	13.67	163	116546	3.364	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	2031802	142.190	ng/uL	97
74) Pentachlorobenzene	14.53	250	62434	3.925	ng/uL	98

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

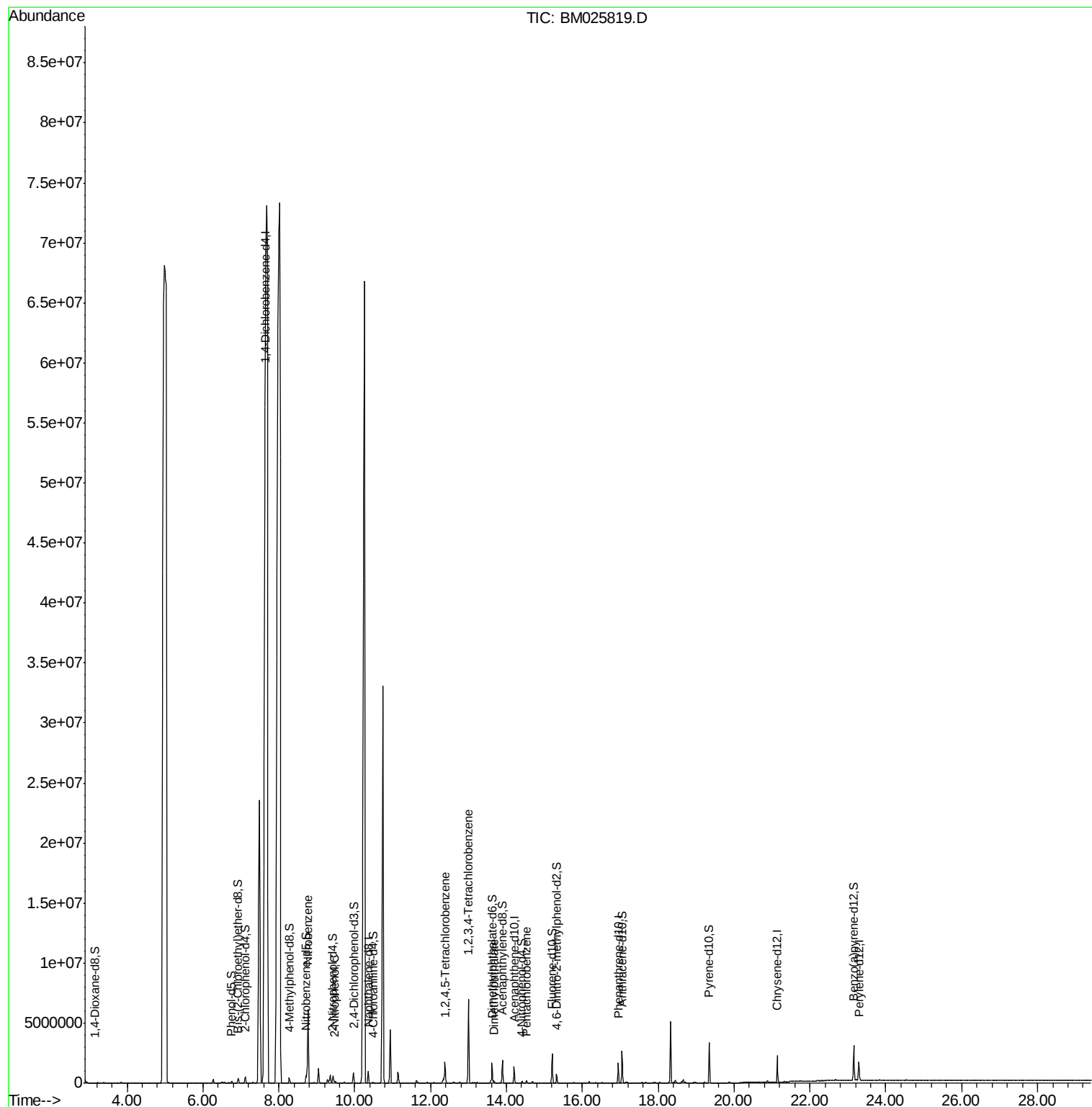
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
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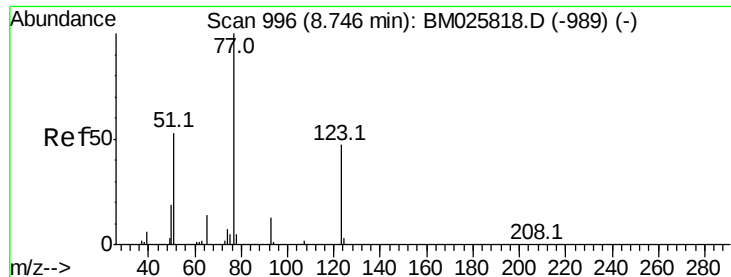
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 27 00:56:05 2020
Response via : Initial Calibration





#20

Nitrobenzene

Concen: 252.912 ng/ul

RT: 8.77 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BM025819.D

Acq: 27 Mar 2020 03:20

Instrument :

BNA_M

ClientSampled :

C0DL5

Tot Ion: 77 Resp: 3309665

Ion Ratio Lower Upper

77 100

123 49.0 37.7 56.5

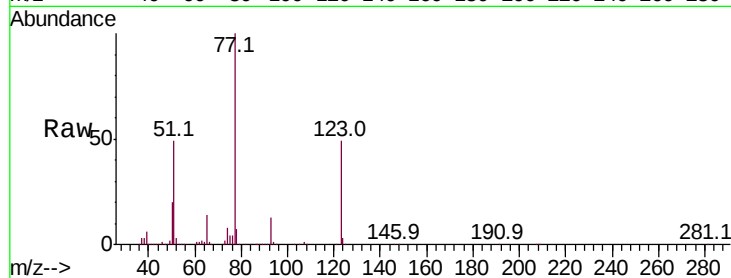
65 13.6 11.1 16.7

Manual Integrations

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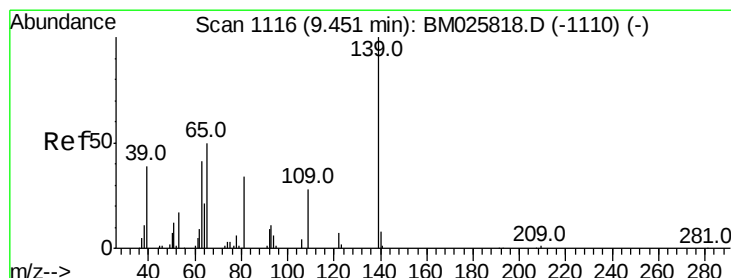
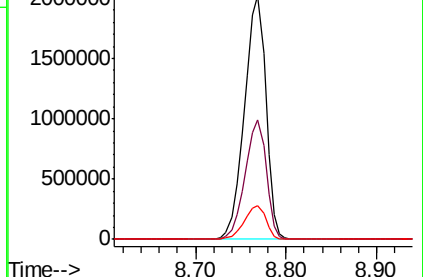
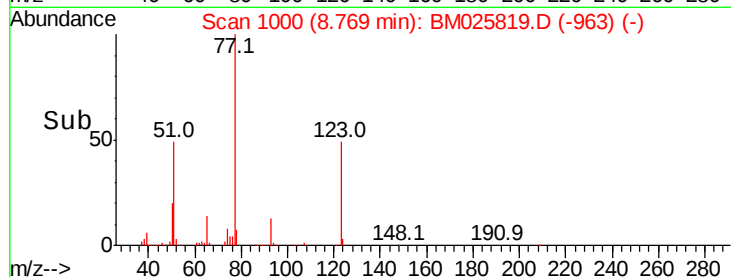
3/30/2020 8:31:20 AM



Abundance Ion 77.00 (76.70 to 77.70): BM025819.D (-963) (-)

Ion 123.00 (122.70 to 123.70): BM025819.D (-963) (-)

Ion 65.00 (64.70 to 65.70): BM025819.D (-963) (-)



#23

2-Nitrophenol

Concen: 5.095 ng/ul

RT: 9.46 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BM025819.D

Acq: 27 Mar 2020 03:20

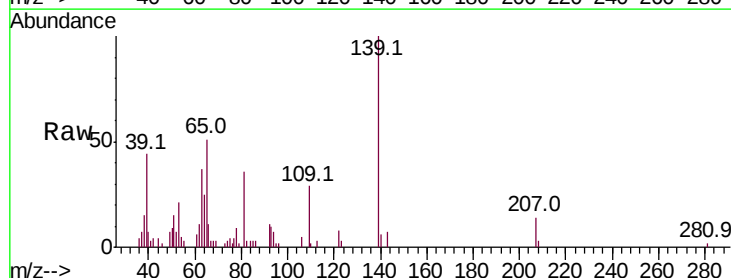
Tgt Ion: 139 Resp: 32676

Ion Ratio Lower Upper

139 100

65 50.8 40.6 61.0

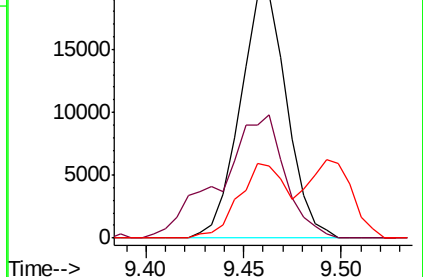
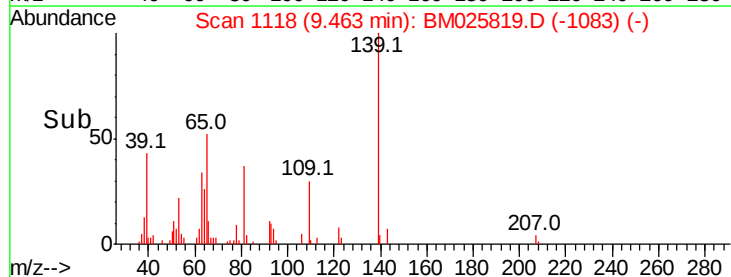
109 29.4 23.8 35.8

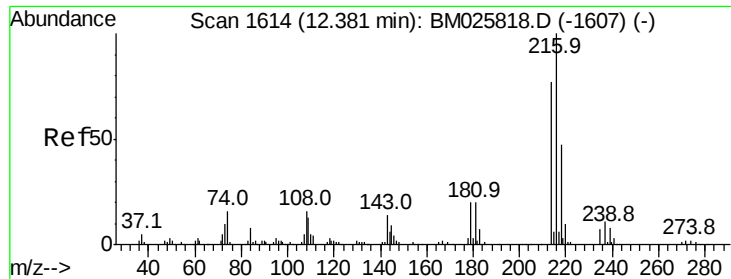


Abundance Ion 139.00 (138.70 to 139.70): BM025819.D (-1083) (-)

Ion 65.00 (64.70 to 65.70): BM025819.D (-1083) (-)

Ion 109.00 (108.70 to 109.70): BM025819.D (-1083) (-)





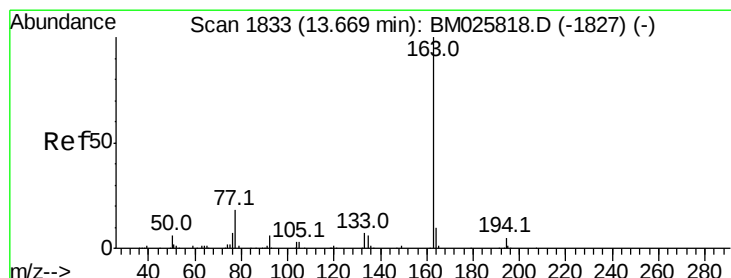
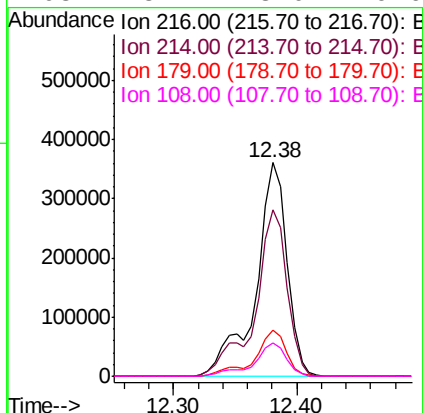
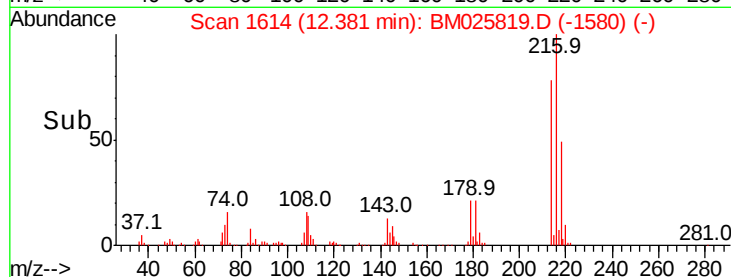
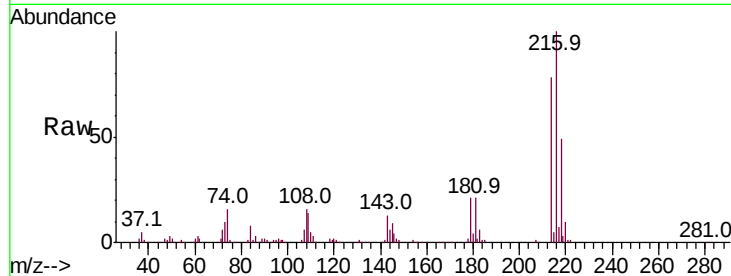
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.070 ng/ul
 RT: 12.38 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BM025819.D
 Acq: 27 Mar 2020 03:20

Instrument :
 BNA_M
 ClientSampled :
 C0DL5

Tot Ion	Ratio	Resp	Lower	Upper
216	100	638118		
214	77.7	61.9	92.9	
179	21.5	16.6	24.8	
108	15.7	13.0	19.6	

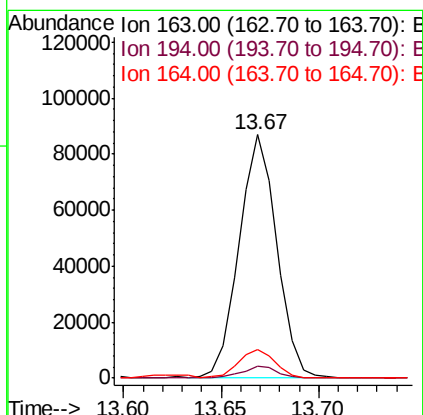
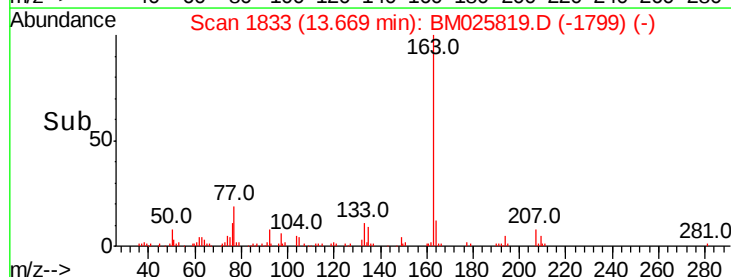
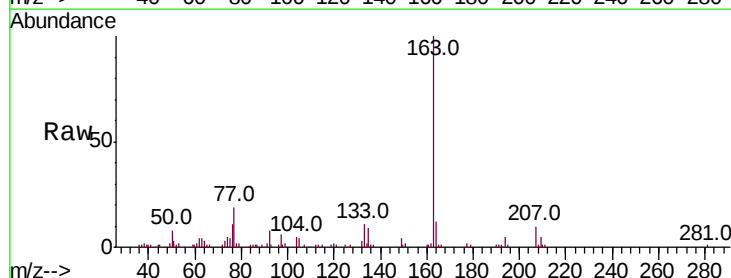
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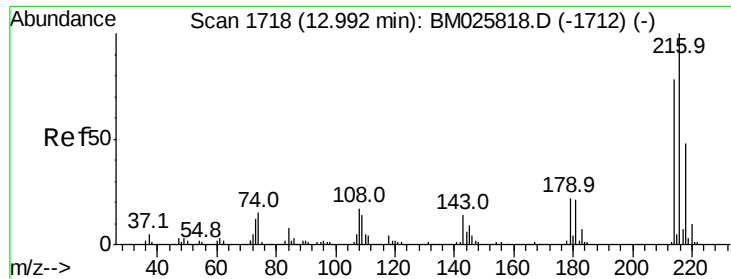
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#45
 Dimethylphthalate
 Concen: 3.364 ng/ul
 RT: 13.67 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: BM025819.D
 Acq: 27 Mar 2020 03:20

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	116546		
194	4.8	3.5	5.3	
164	11.5	8.2	12.4	





#73

1,2,3,4-Tetrachlorobenzene

Concen: 142.190 ng/uL

RT: 13.00 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BM025819.D

Acq: 27 Mar 2020 03:20

Instrument :

BNA_M

ClientSampled :

C0DL5

Tot Ion:216 Resp: 2031802

Ion Ratio Lower Upper

216 100

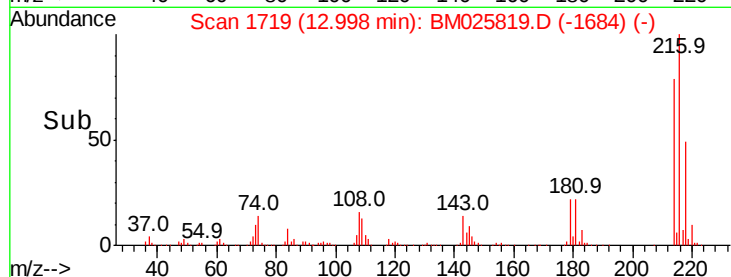
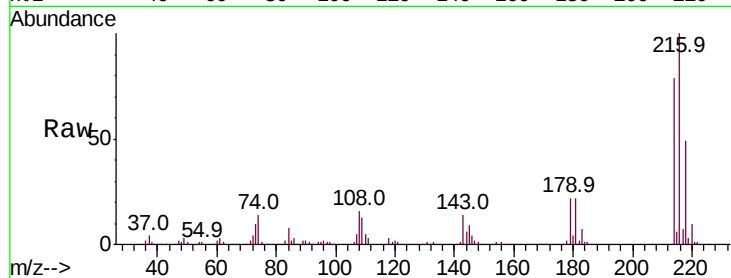
214 79.5 61.8 92.6

218 48.5 37.3 55.9

Manual Integrations
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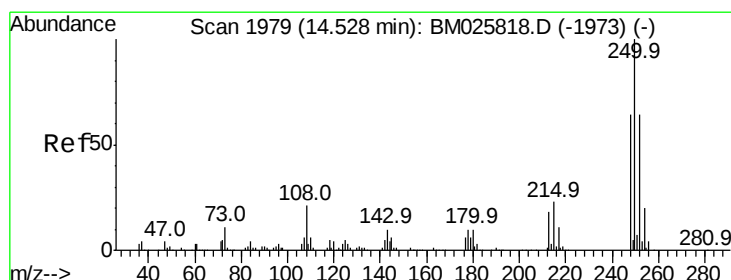
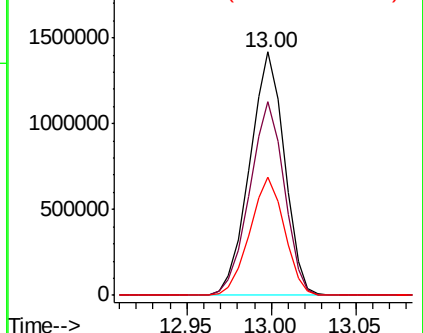
3/30/2020 8:31:20 AM



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: 3.925 ng/uL

RT: 14.53 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM025819.D

Acq: 27 Mar 2020 03:20

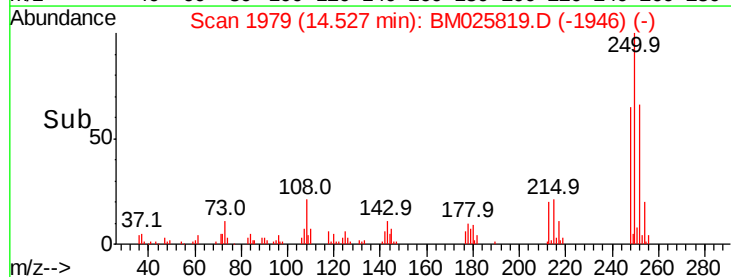
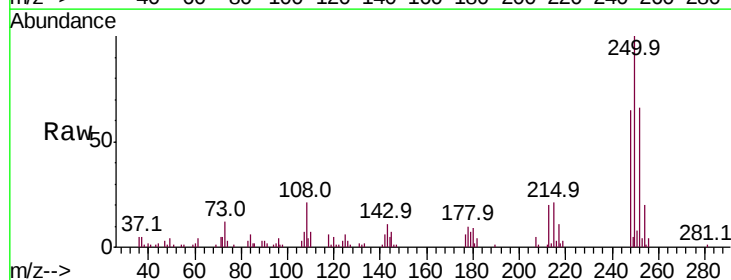
Tgt Ion:250 Resp: 62434

Ion Ratio Lower Upper

250 100

248 64.5 50.3 75.5

252 65.7 51.9 77.9



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

