

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
 Data File : BM024504.D
 Acq On : 17 Jan 2020 20:23
 Operator : JU
 Sample : L1139-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0D51

Manual Integrations
 APPROVED

mohammad
 1/21/2020 7:59:32 AM

Quant Time: Jan 18 00:26:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 18 00:06:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	257514	20.00	ng/ul	0.05
18) Naphthalene-d8	10.25	136	876169	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.10	164	634041	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1502410	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1591259	20.00	ng/ul	-0.01
86) Perylene-d12	23.18	264	1712892	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	20623	3.91	ng/uL	0.00
5) Phenol-d5	6.65	99	92438	4.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	258201	24.35	ng/ul	0.01
9) 2-Chlorophenol-d4	7.01	132	346646	21.26	ng/ul	0.01
13) 4-Methylphenol-d8	8.17	113	200836m	11.41	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	229891	37.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	271662	40.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	467992	31.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	29830	1.79	ng/ul	0.01
44) Dimethylphthalate-d6	13.53	166	1893249	38.11	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	2166360	37.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.31	143	57840	6.98	ng/ul	0.00
58) Fluorene-d10	15.11	176	1655246	37.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	313655	36.57	ng/ul	0.00
71) Anthracene-d10	16.95	188	2771687	39.67	ng/ul	0.00
79) Pyrene-d10	19.26	212	3326319	39.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	3543633	39.89	ng/ul	0.00

Target Compounds

				Ovalue	
20) Nitrobenzene	8.65	77	2104832	141.278	ng/ul 97
23) 2-Nitrophenol	9.35	139	19766	2.711	ng/ul# 87
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	881974	42.281	ng/ul 99
45) Dimethylphthalate	13.57	163	118494	2.346	ng/ul 100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	3336468	156.174	ng/uL 98
74) Pentachlorobenzene	14.43	250	83545	3.694	ng/uL 98

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

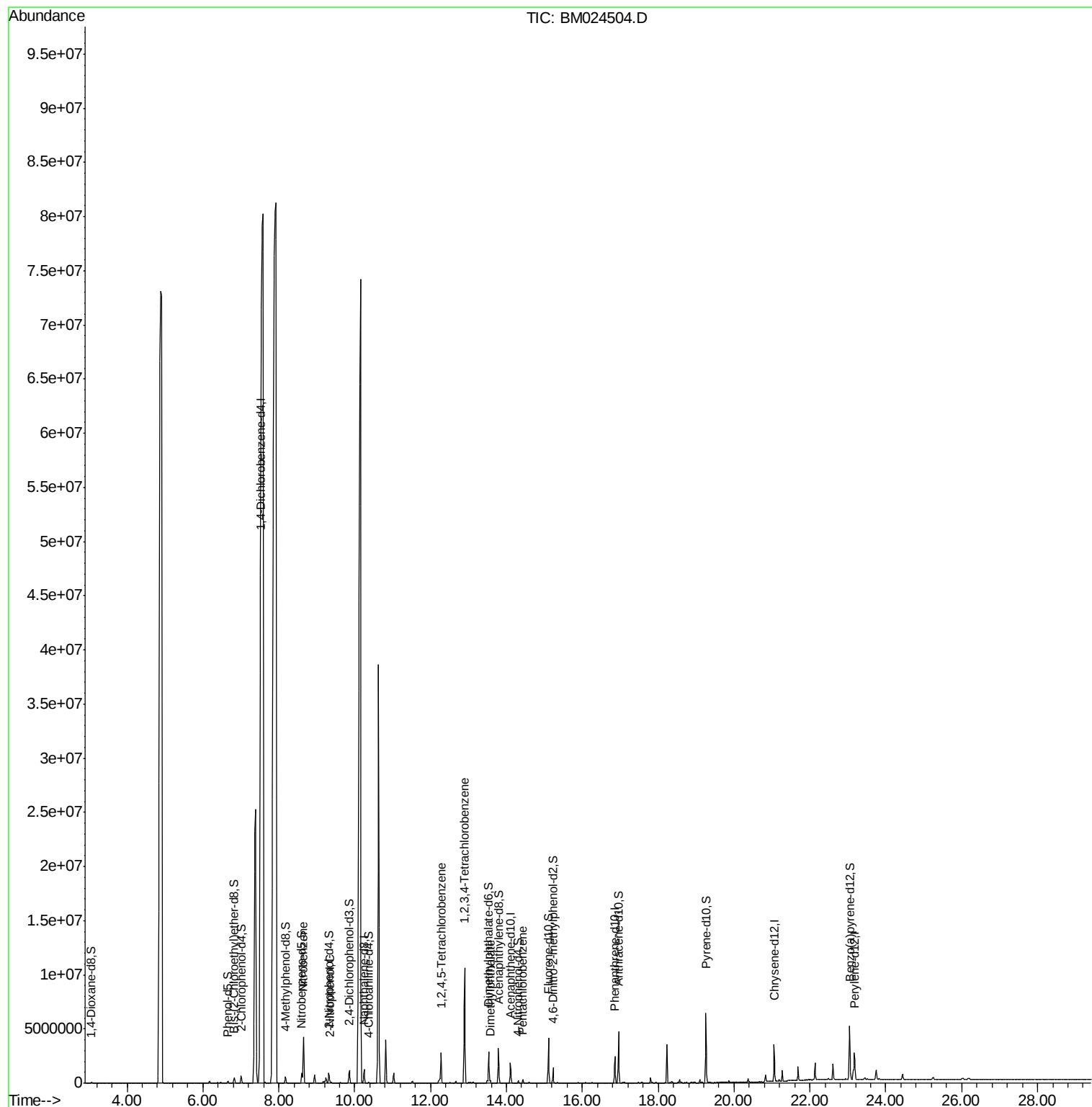
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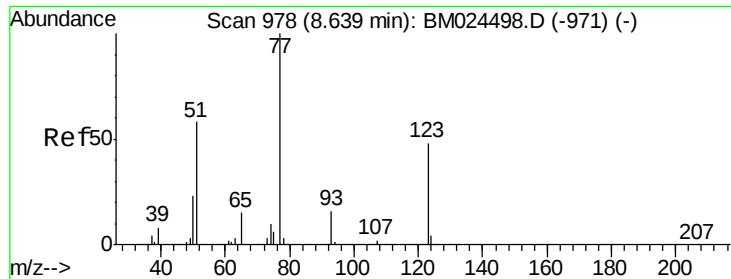
Instrument :
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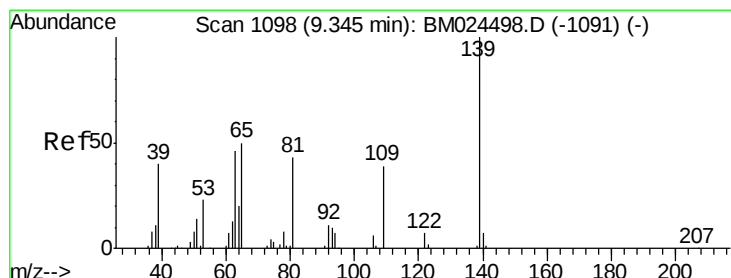
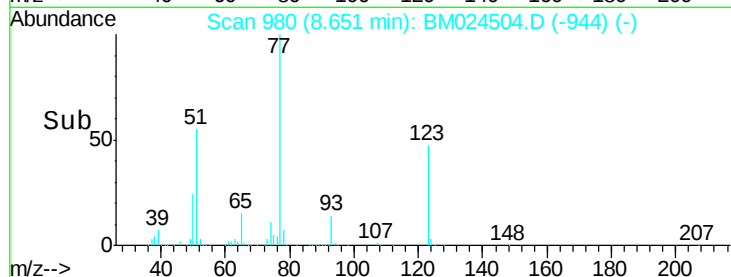
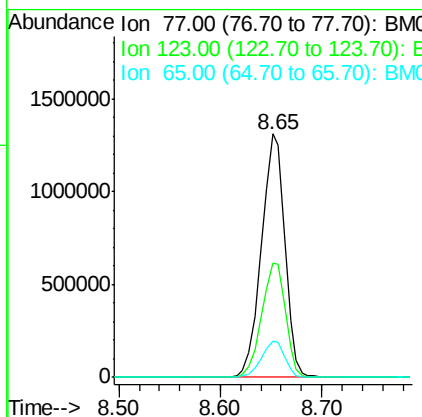
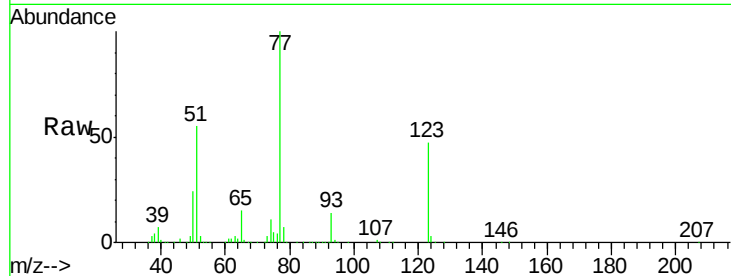
#20
Nitrobenzene
Concen: 141.278 ng/ul
RT: 8.65 min Scan# 980
Delta R.T. 0.01 min
Lab File: BM024504.D
Acq: 17 Jan 2020 20:23

Instrument :
BNA_M
ClientSampleId :
C0D51

Tot Ion	Ratio	Lower	Upper
77	100		
123	47.0	35.7	53.5
65	14.8	11.5	17.3

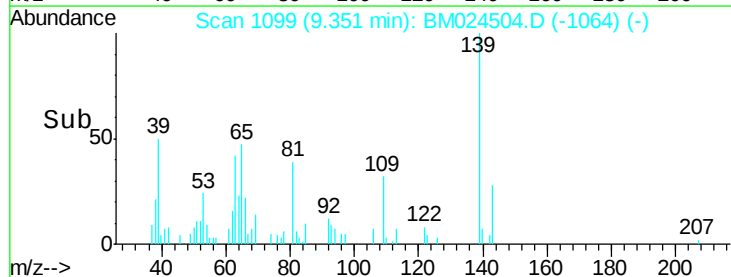
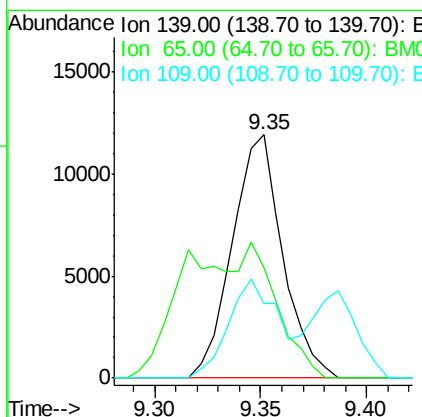
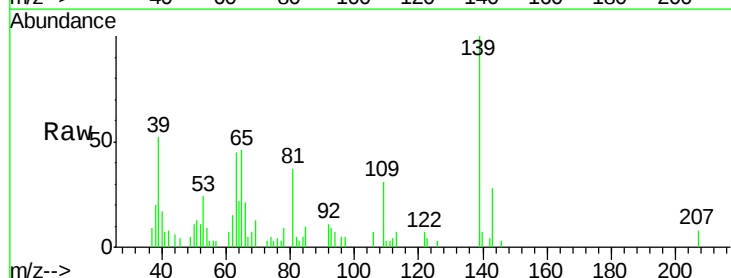
Manual Integrations
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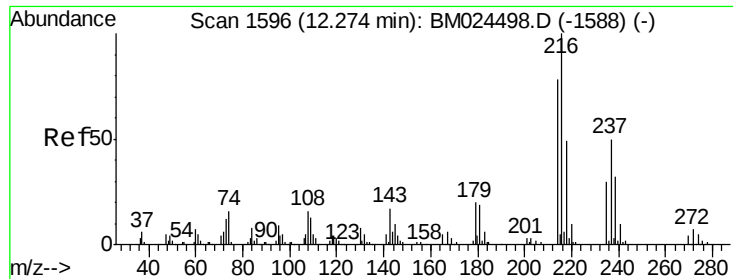
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#23
2-Nitrophenol
Concen: 2.711 ng/ul
RT: 9.35 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BM024504.D
Acq: 17 Jan 2020 20:23

Tgt Ion	Ratio	Lower	Upper
139	100		
65	45.5	43.9	65.9
109	30.7	31.4	47.0#





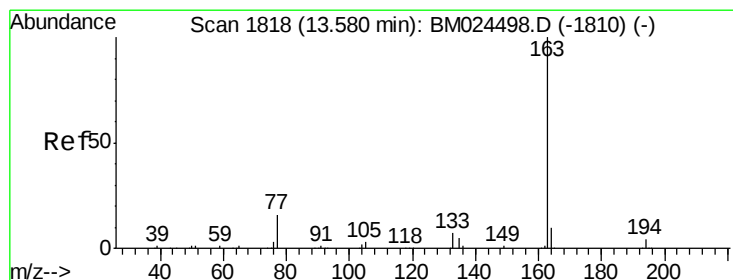
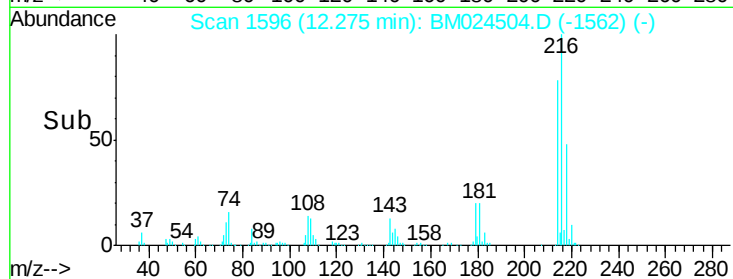
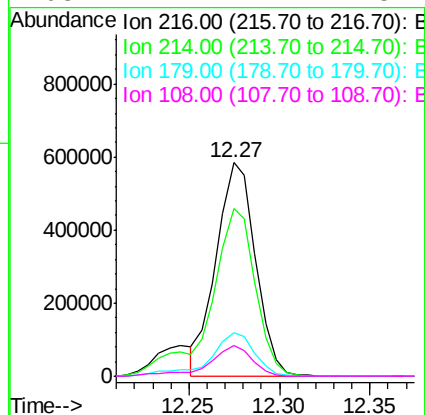
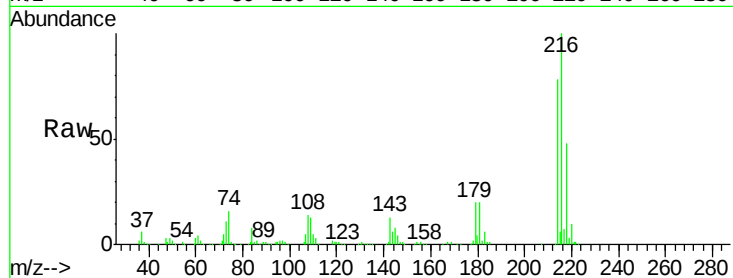
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.281 ng/ul
 RT: 12.27 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BM024504.D
 Acq: 17 Jan 2020 20:23

Instrument :
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 ClientSampleId :
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Tot Ion:	216	Resp:	881974
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.4	95.2
179	20.3	16.5	24.7
108	14.1	12.2	18.4

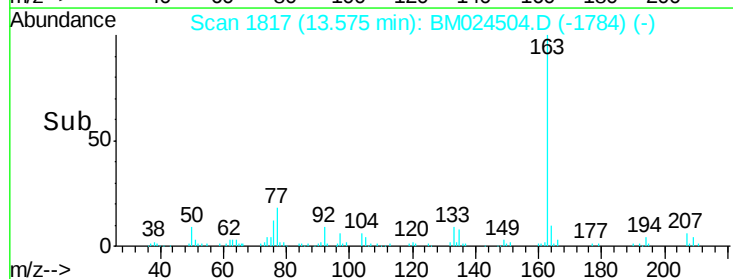
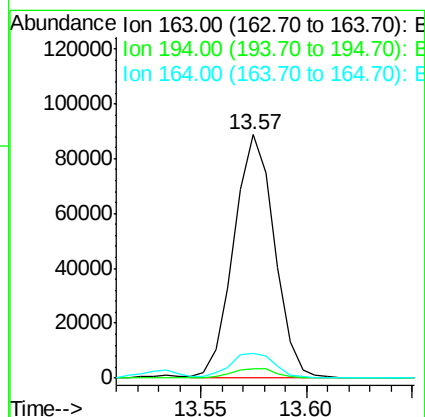
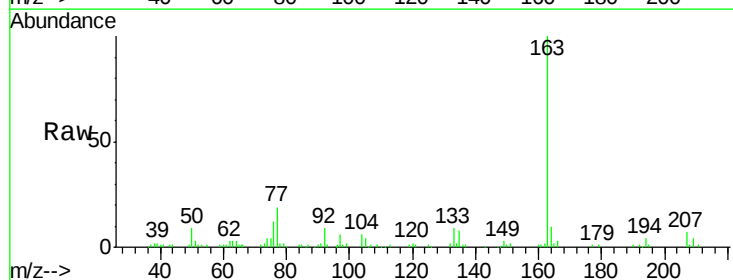
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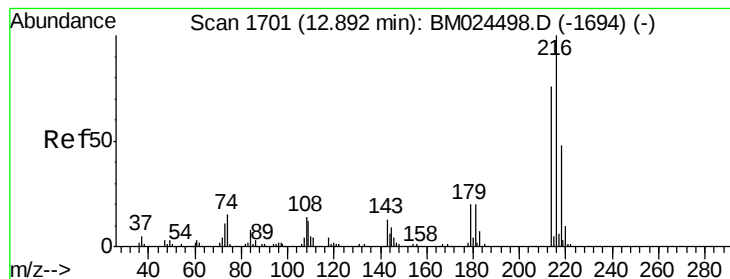
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#45
 Dimethylphthalate
 Concen: 2.346 ng/ul
 RT: 13.57 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BM024504.D
 Acq: 17 Jan 2020 20:23

Tgt Ion:	163	Resp:	118494
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.0
164	10.0	8.0	12.0





#73

1,2,3,4-Tetrachlorobenzene

Concen: 156.174 ng/uL

RT: 12.90 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BM024504.D

Acq: 17 Jan 2020 20:23

Instrument :

BNA_M

ClientSampled :

C0D51

Tot Ion:216 Resp: 3336468

Ion Ratio Lower Upper

216 100

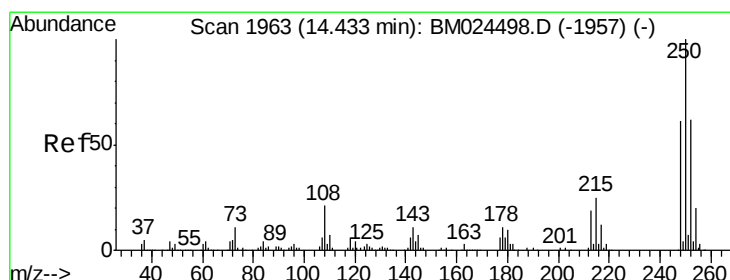
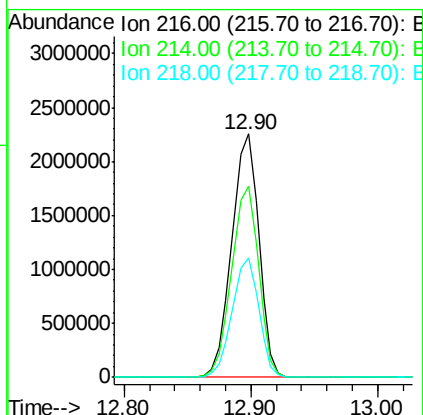
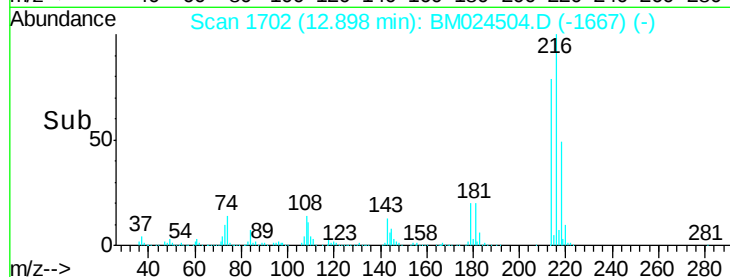
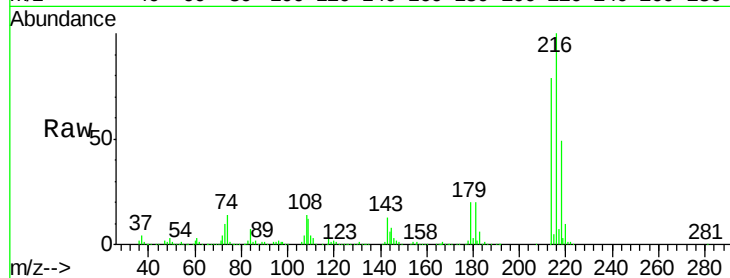
214 78.6 62.1 93.1

218 49.1 37.4 56.0

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#74

Pentachlorobenzene

Concen: 3.694 ng/uL

RT: 14.43 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BM024504.D

Acq: 17 Jan 2020 20:23

Tgt Ion:250 Resp: 83545

Ion Ratio Lower Upper

250 100

248 63.9 49.8 74.8

252 61.7 50.6 76.0

