

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025710.D
 Acq On : 24 Mar 2020 02:43
 Operator : CG/JU
 Sample : L1890-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DD2

Manual Integrations
 APPROVED

mohammad
 3/24/2020 8:50:34 AM

Quant Time: Mar 24 04:17:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 24 04:07:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	193184	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	777118	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	486355	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1067403	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1174313	20.00	ng/ul	-0.01
86) Perylene-d12	23.30	264	1375226	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	6724	1.46	ng/uL	0.00
5) Phenol-d5	6.76	99	111932	7.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	289331	33.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	346761	28.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	218592	17.45	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	218348	37.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	235795	38.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	419127	33.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	28346	1.94	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	1477920	39.98	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1744827	39.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	51180	7.27	ng/ul	0.00
58) Fluorene-d10	15.21	176	1304179	40.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	229933	35.31	ng/ul	0.00
71) Anthracene-d10	17.06	188	2106448	42.25	ng/ul	0.00
79) Pyrene-d10	19.36	212	2330360	41.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2972769	42.22	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.78	94	31085	1.952	ng/ul 98
20) Nitrobenzene	8.75	77	45189	3.211	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	154803m	10.064	ng/ul
45) Dimethylphthalate	13.67	163	91366	2.375	ng/ul# 97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	449183	27.463	ng/uL 97
74) Pentachlorobenzene	14.54	250	49563	2.722	ng/uL 98

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

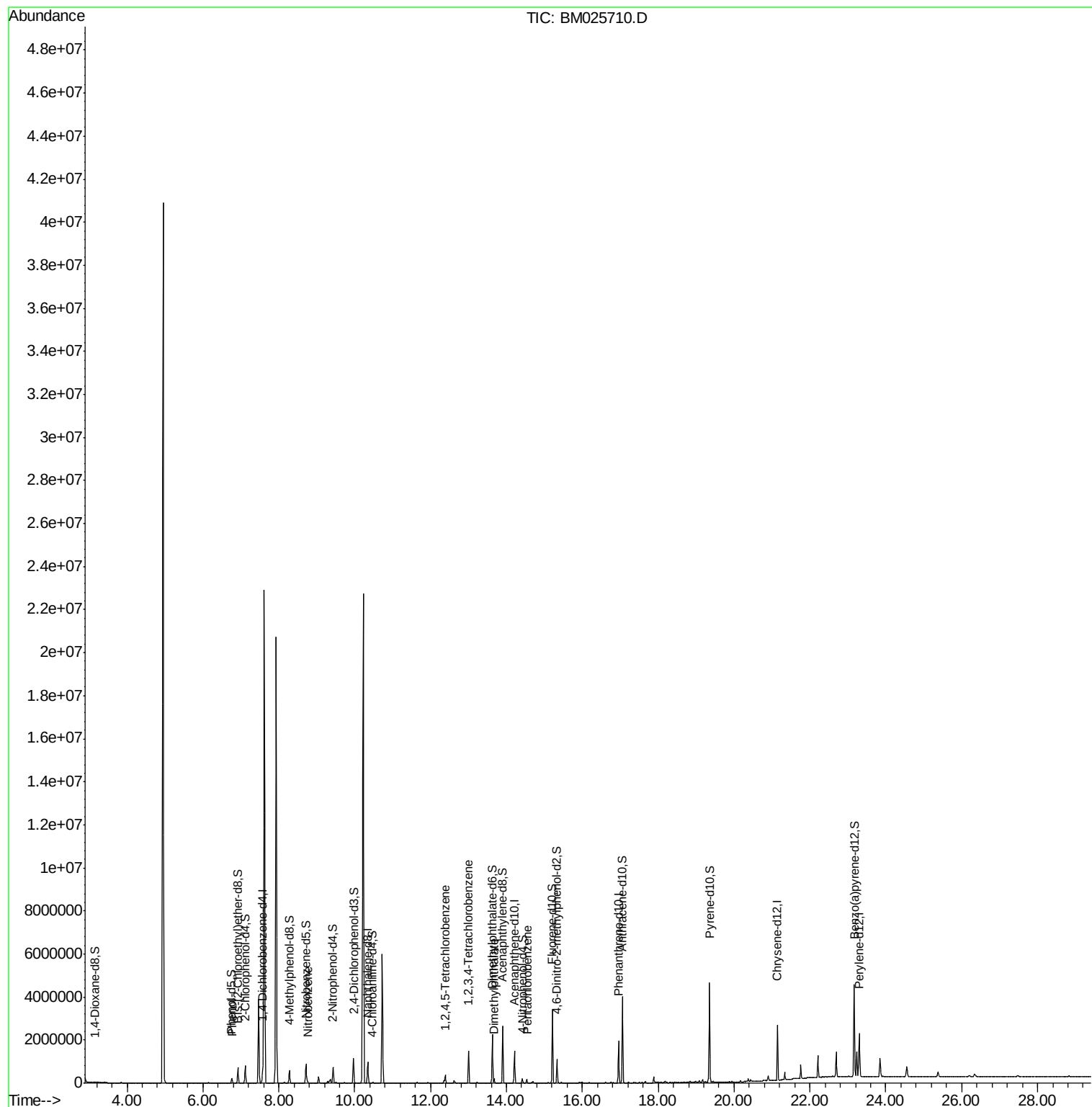
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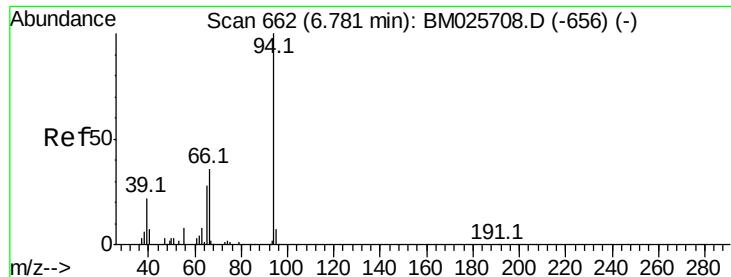
Instrument :
BNA_M
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#6

Phenol

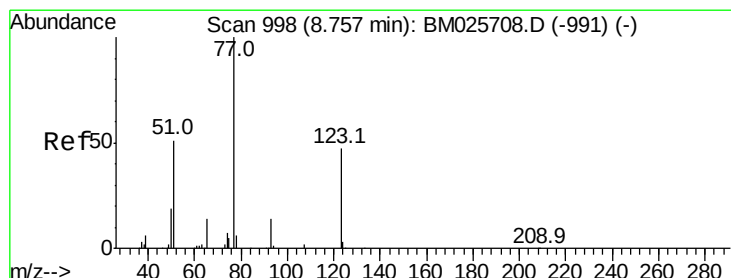
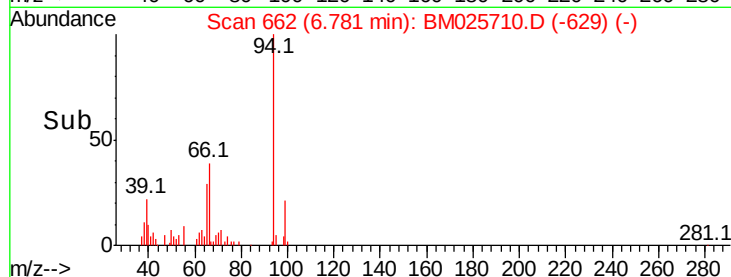
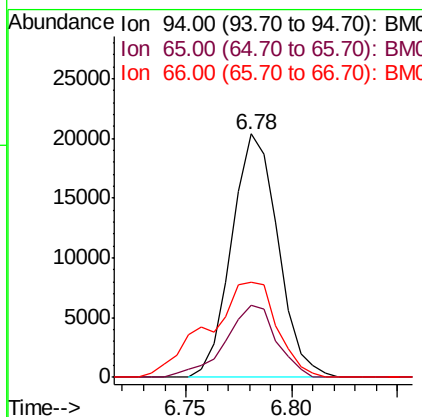
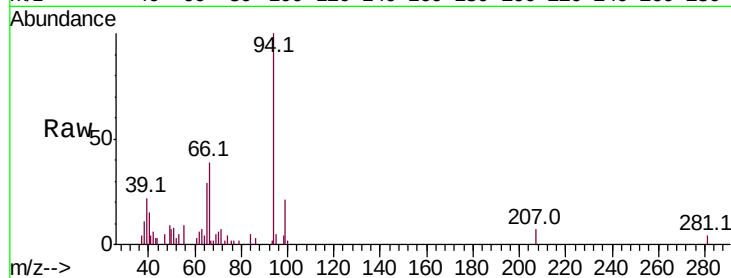
Concen: 1.952 ng/ul
 RT: 6.78 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM025710.D
 Acq: 24 Mar 2020 02:43

Instrument :
 BNA_M
 ClientSampled :
 C0DD2

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.8	35.6
66	39.1	32.4	48.6

Manual Integrations
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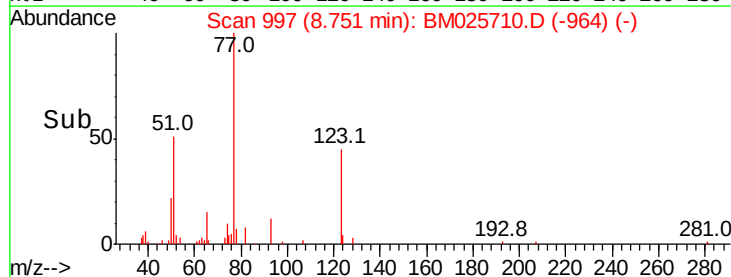
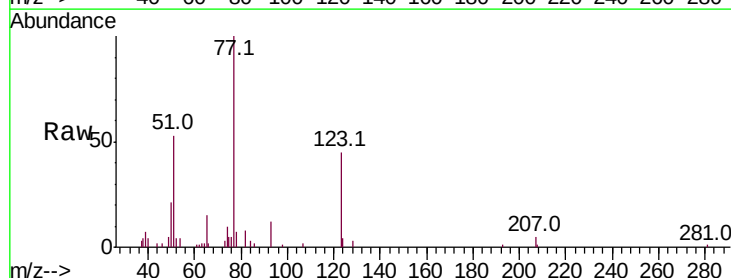
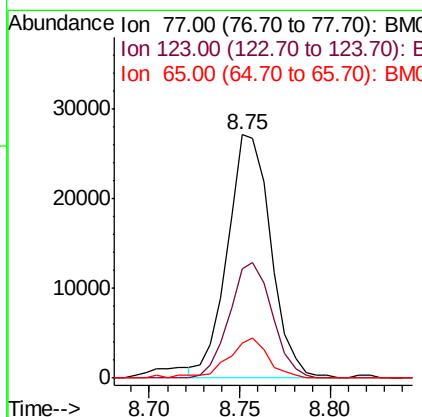


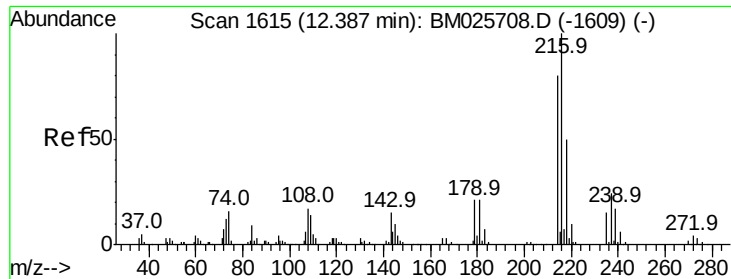
#20

Nitrobenzene

Concen: 3.211 ng/ul
 RT: 8.75 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BM025710.D
 Acq: 24 Mar 2020 02:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	37.7	56.5
65	14.6	11.1	16.7





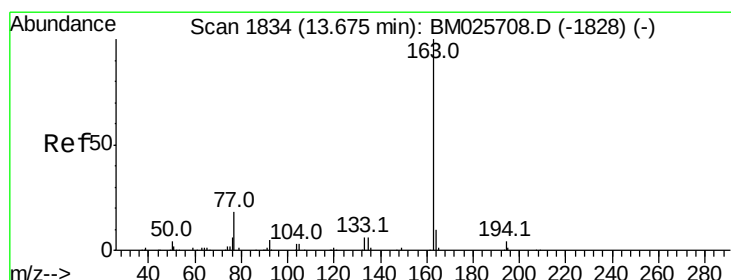
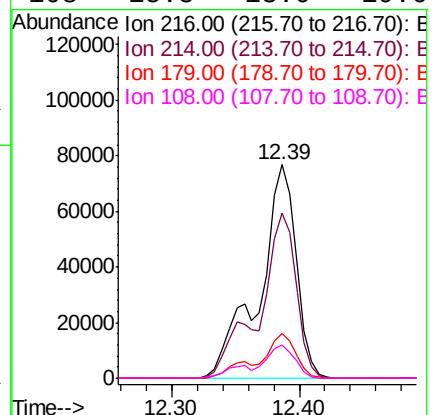
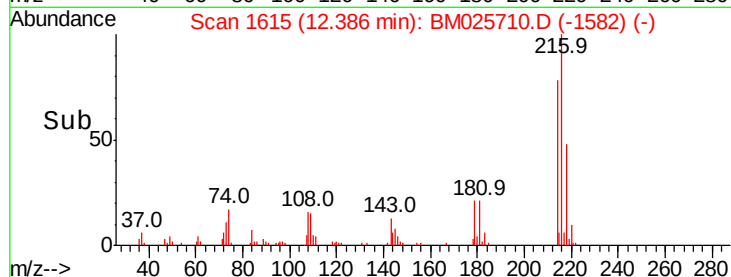
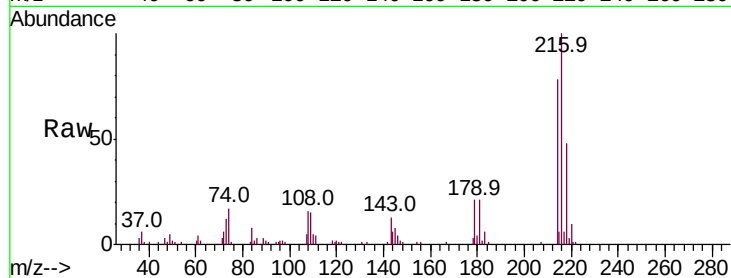
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 10.064 ng/ul m
 RT: 12.39 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BM025710.D
 Acq: 24 Mar 2020 02:43

Instrument :
 BNA_M
 ClientSampleId :
 C0DD2

Tot Ion	Ratio	Resp	Lower	Upper
216	100	154803		
214	77.6		61.9	92.9
179	21.2		16.6	24.8
108	15.5		13.0	19.6

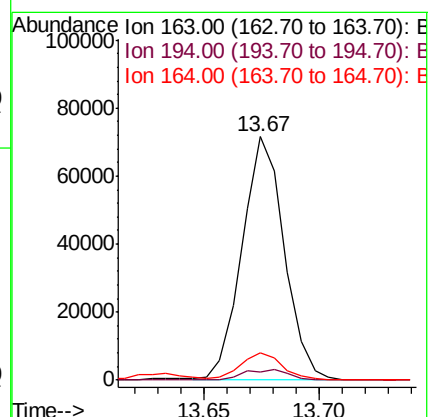
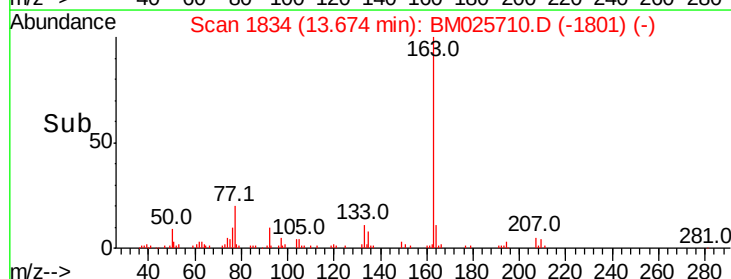
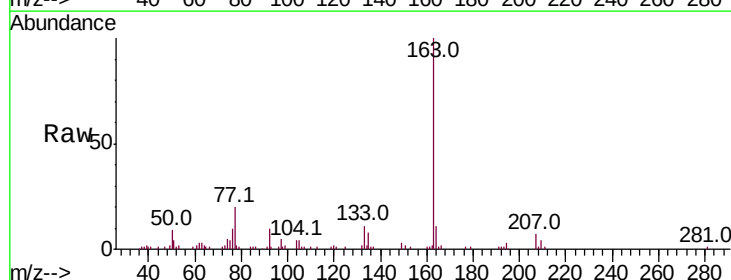
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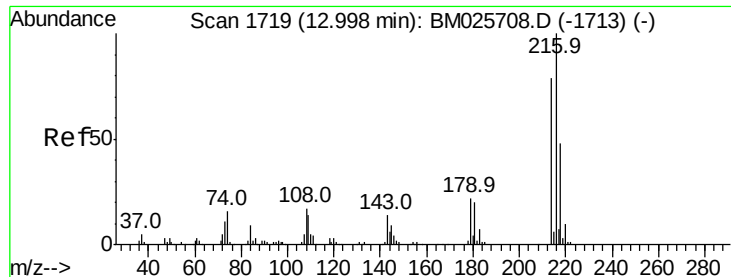
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#45
 Dimethylphthalate
 Concen: 2.375 ng/ul
 RT: 13.67 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BM025710.D
 Acq: 24 Mar 2020 02:43

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	91366		
194	3.5		3.5	5.3#
164	11.3		8.2	12.4





#73

1,2,3,4-Tetrachlorobenzene

Concen: 27.463 ng/uL

RT: 13.00 min Scan# 1719

Delta R.T. -0.01 min

Lab File: BM025710.D

Acq: 24 Mar 2020 02:43

Instrument :

BNA_M

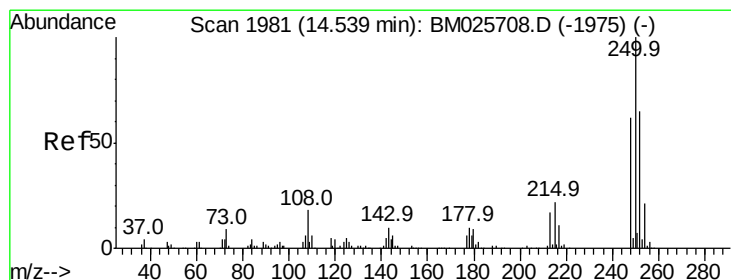
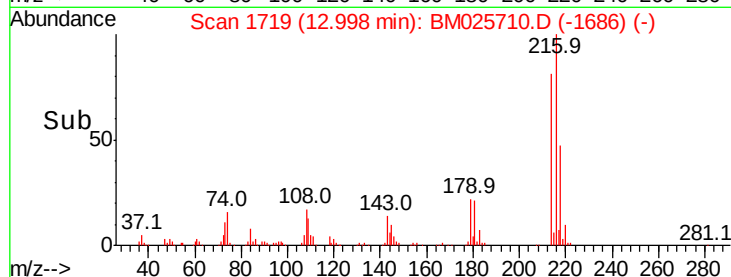
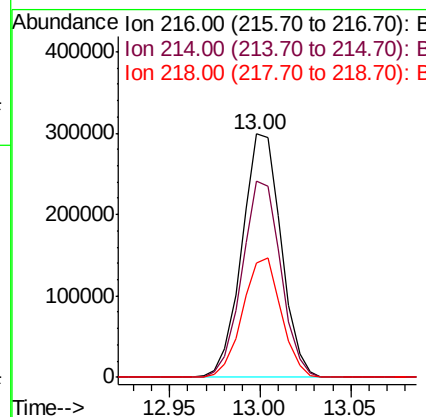
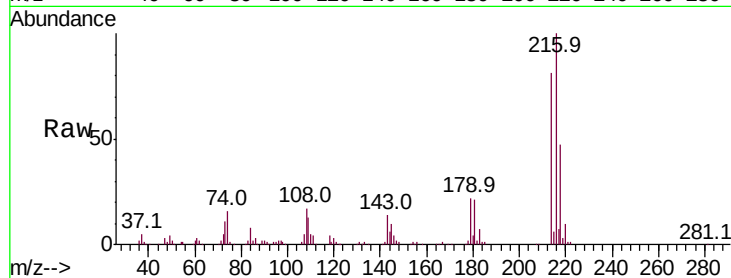
ClientSampleId :

C0DD2

Tot Ion:	216	Resp:	449183
Ion Ratio		Lower	Upper
216	100		
214	80.7	61.8	92.6
218	47.1	37.3	55.9

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#74

Pentachlorobenzene

Concen: 2.722 ng/uL

RT: 14.54 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM025710.D

Acq: 24 Mar 2020 02:43

Tgt Ion:	250	Resp:	49563
Ion Ratio		Lower	Upper
250	100		
248	63.9	50.3	75.5
252	63.3	51.9	77.9

