

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025816.D
 Acq On : 27 Mar 2020 00:55
 Operator : CG/JU
 Sample : L1968-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CODE3

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:31:09 AM

Quant Time: Mar 27 02:25:00 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	7.61	152	220177	20.00	ng/ul	0.05
18) Naphthalene-d8	10.35	136	805192	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.20	164	484301	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1068928	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1208153	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1380790	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	8829m	1.68	ng/uL	0.01
5) Phenol-d5	6.75	99	97361	5.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	282272	28.46	ng/ul	0.02
9) 2-Chlorophenol-d4	7.11	132	330231	23.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	197583m	13.84	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	212577	35.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	231887	36.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	390891	30.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	23018	1.52	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	1327955	36.08	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1627221	36.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	47903	6.84	ng/ul	0.00
58) Fluorene-d10	15.20	176	1175507	36.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	219948	33.72	ng/ul	0.00
71) Anthracene-d10	17.05	188	1890825	37.87	ng/ul	0.00
79) Pyrene-d10	19.34	212	2108265	36.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2684474	37.97	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	8.76	77	2005465	137.549	ng/ul 98
23) 2-Nitrophenol	9.46	139	27693	3.876	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	666087m	43.485	ng/ul
45) Dimethylphthalate	13.67	163	95753	2.499	ng/ul# 86
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	2183329	133.296	ng/uL 97
74) Pentachlorobenzene	14.53	250	46350	2.542	ng/uL 98

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

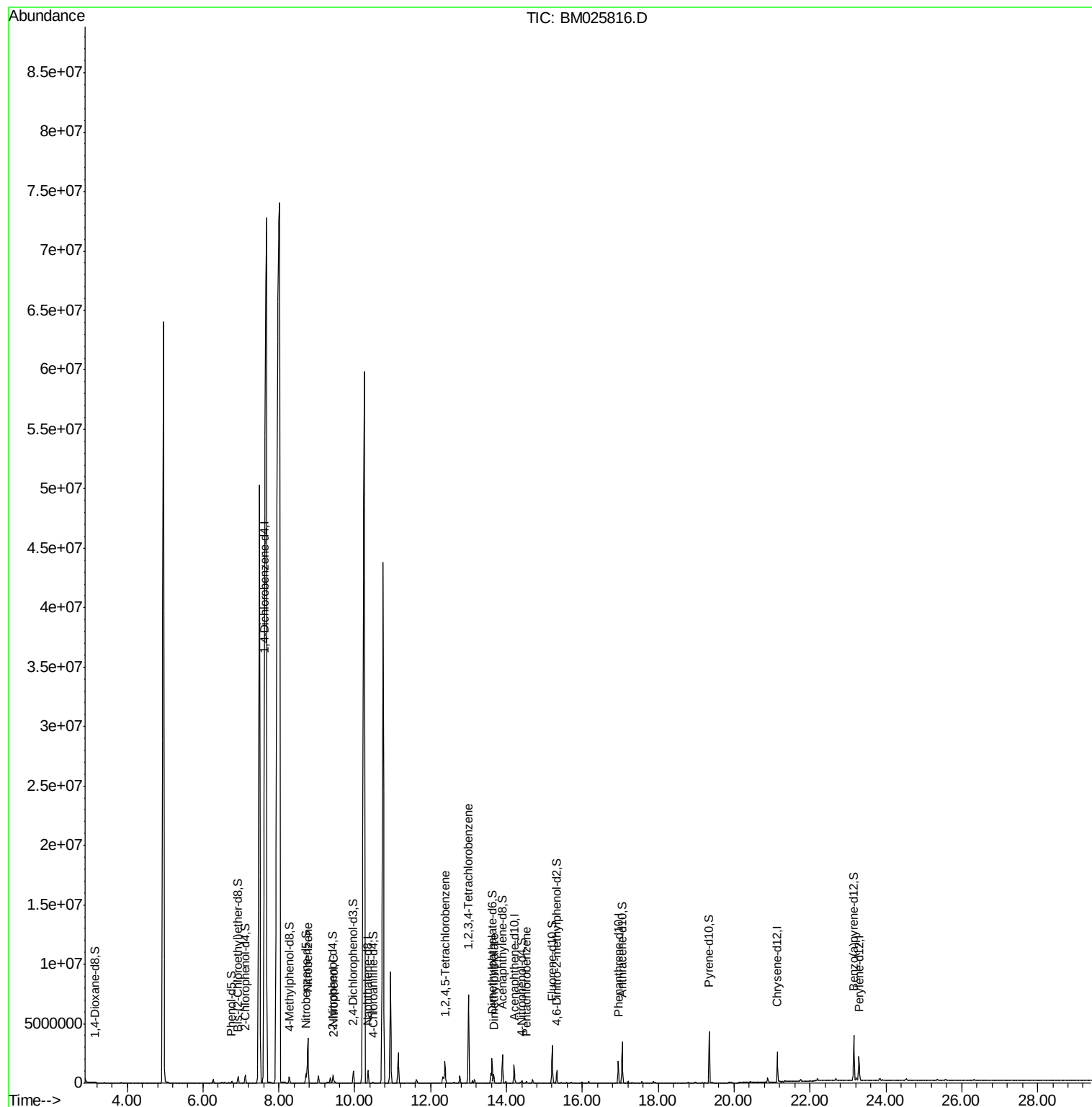
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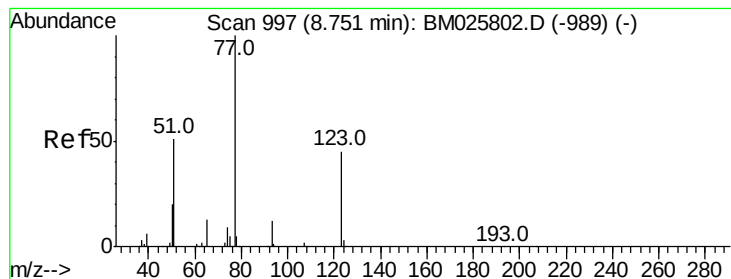
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 27 00:56:05 2020
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#20

Nitrobenzene

Concen: 137.549 ng/ul

RT: 8.76 min Scan# 999

Delta R.T. 0.01 min

Lab File: BM025816.D

Acq: 27 Mar 2020 00:55

Instrument :

BNA_M

ClientSampleID :

CODE3

Tot Ion: 77 Resp: 2005465

Ion Ratio Lower Upper

77 100

123 48.9 37.7 56.5

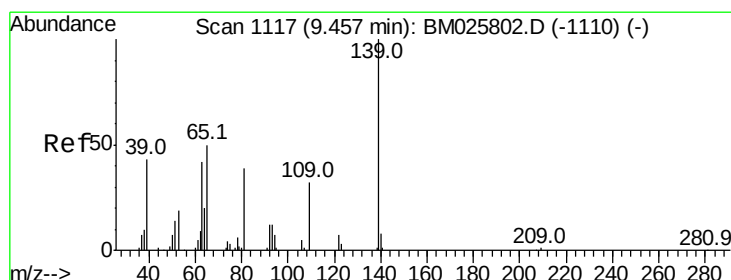
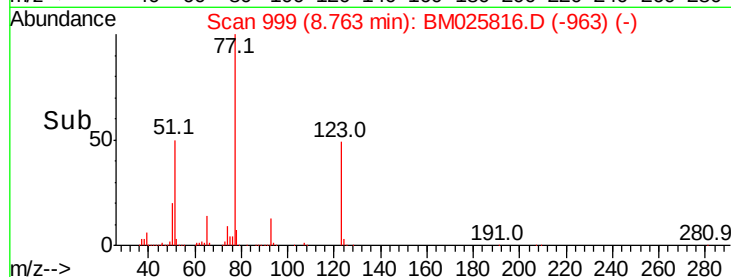
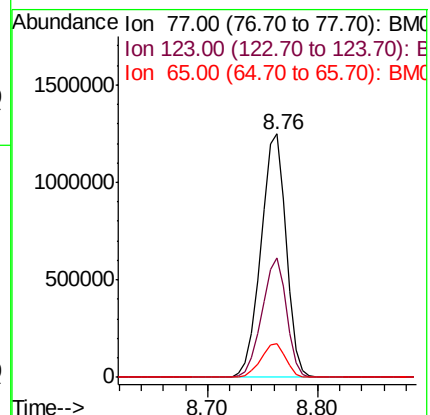
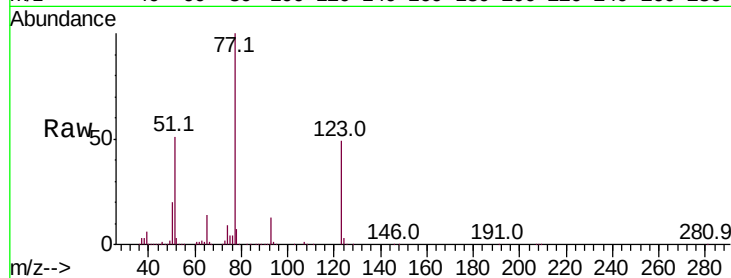
65 13.6 11.1 16.7

Manual Integrations

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#23

2-Nitrophenol

Concen: 3.876 ng/ul

RT: 9.46 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM025816.D

Acq: 27 Mar 2020 00:55

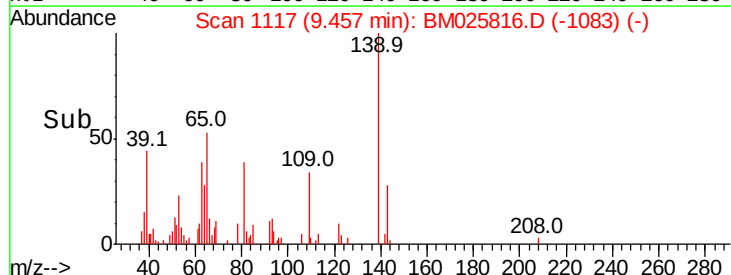
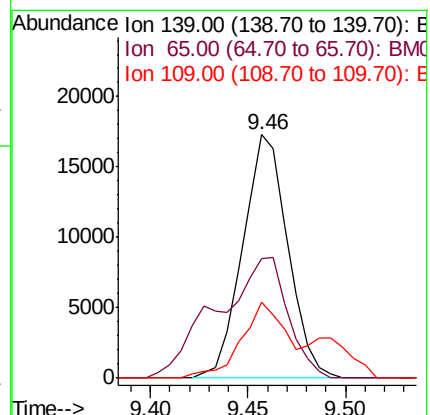
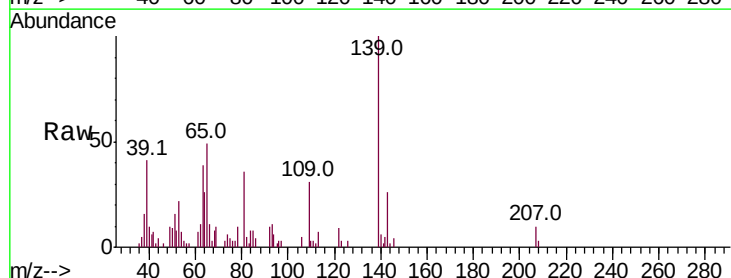
Tgt Ion: 139 Resp: 27693

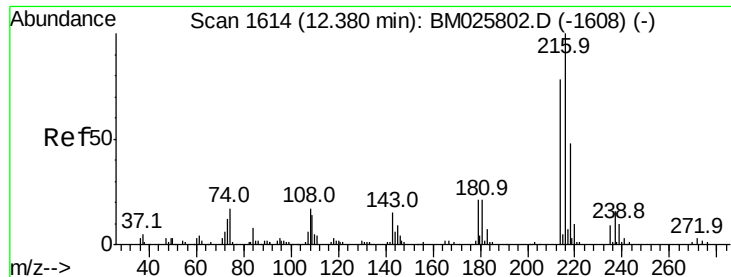
Ion Ratio Lower Upper

139 100

65 49.0 40.6 61.0

109 31.4 23.8 35.8





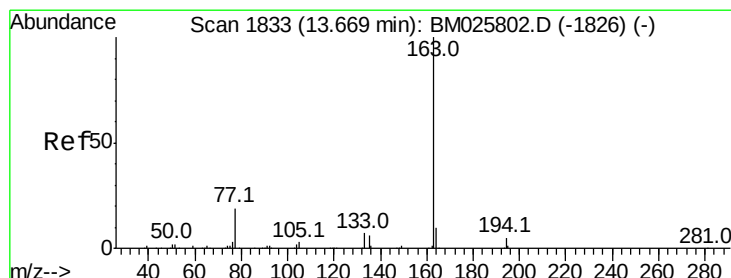
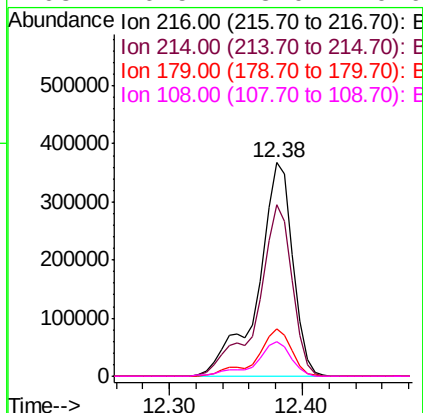
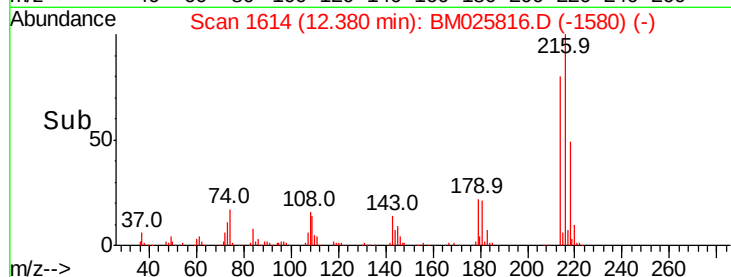
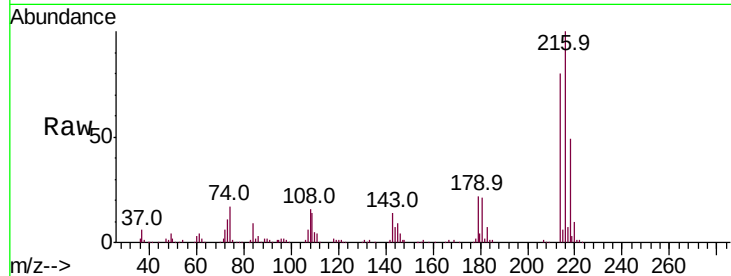
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.485 ng/ul m
 RT: 12.38 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BM025816.D
 Acq: 27 Mar 2020 00:55

Instrument :
 BNA_M
 ClientSampled :
 CODE3

Tot Ion	Ratio	Resp	Lower	Upper
216	100	666087		
214	80.4	61.9	92.9	
179	22.3	16.6	24.8	
108	16.5	13.0	19.6	

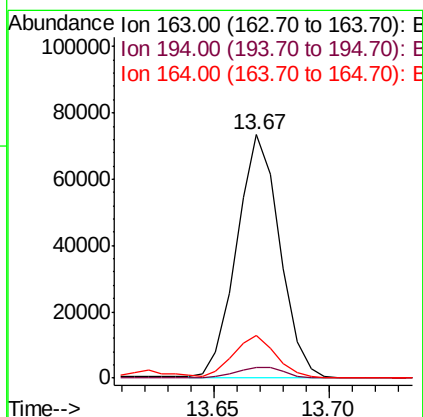
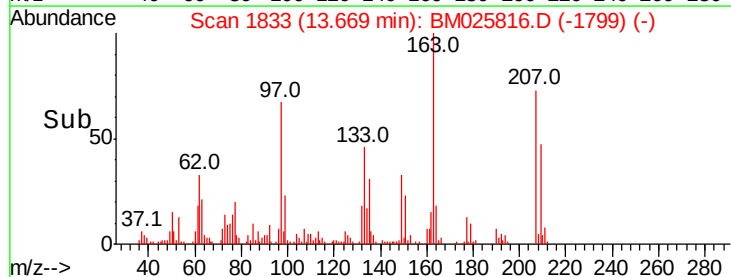
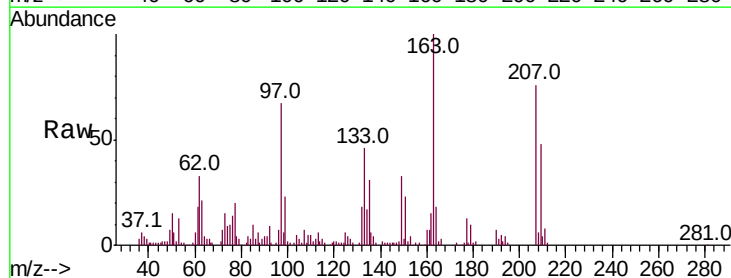
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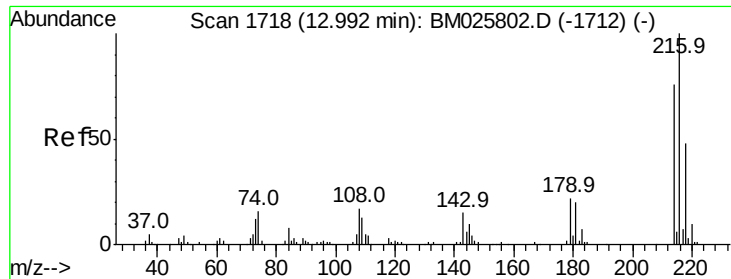
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#45
 Dimethylphthalate
 Concen: 2.499 ng/ul
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BM025816.D
 Acq: 27 Mar 2020 00:55

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	95753		
194	4.3	3.5	5.3	
164	17.6	8.2	12.4	





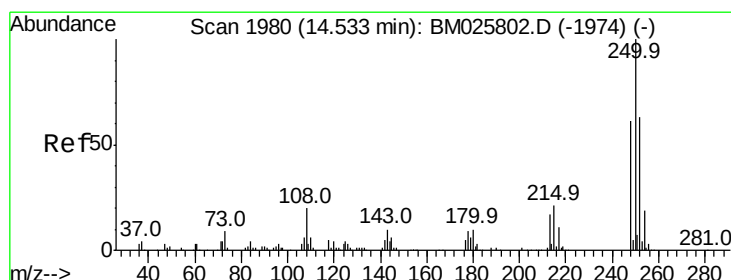
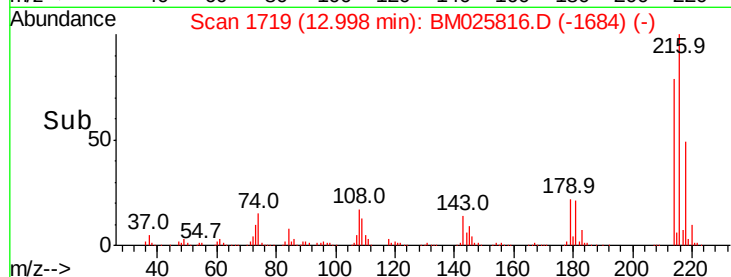
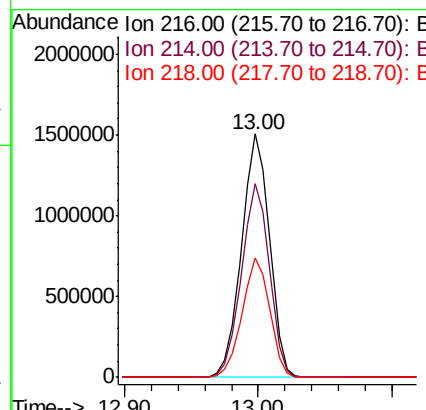
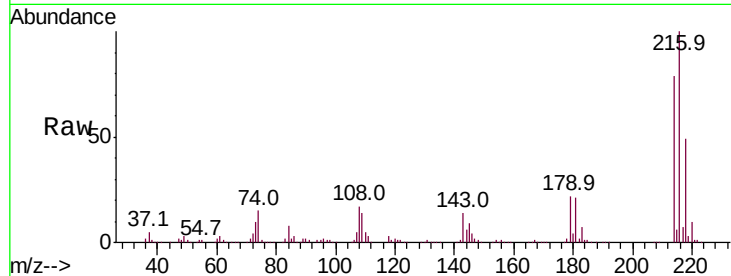
#73
1,2,3,4-Tetrachlorobenzene
Concen: 133.296 ng/uL
RT: 13.00 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM025816.D
Acq: 27 Mar 2020 00:55

Instrument :
BNA_M
ClientSampleId :
CODE3

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.5	61.8	92.6
218	48.8	37.3	55.9

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#74
Pentachlorobenzene
Concen: 2.542 ng/uL
RT: 14.53 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BM025816.D
Acq: 27 Mar 2020 00:55

Tgt Ion	Ratio	Lower	Upper
250	100		
248	62.3	50.3	75.5
252	62.6	51.9	77.9

