

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
 Data File : BM025791.D
 Acq On : 26 Mar 2020 05:05
 Operator : CG/JU
 Sample : L1941-19
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DL9

Manual Integrations
 APPROVED

mohammad
 3/27/2020 8:15:40 AM

Quant Time: Mar 26 11:14:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 26 05:11:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	210156	20.00	ng/ul	0.05
18) Naphthalene-d8	10.36	136	739800	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.20	164	446529	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.95	188	968729	20.00	ng/ul	-0.01
78) Chrysene-d12	21.14	240	1068936	20.00	ng/ul	-0.01
86) Perylene-d12	23.29	264	1201804	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	6405	1.28	ng/uL	0.00
5) Phenol-d5	6.76	99	100089	6.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	262145	27.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	316157	23.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	192831m	14.15	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	196402	35.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	212674	36.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	359748	30.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	24843	1.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1146987	33.80	ng/ul	-0.01
47) Acenaphthylene-d8	13.89	160	1421462	34.96	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.41	143	40906	6.33	ng/ul	-0.01
58) Fluorene-d10	15.20	176	1015534	34.09	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.33	200	173185	29.30	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1588705	35.11	ng/ul	0.00
79) Pyrene-d10	19.35	212	1785779	34.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2231630	36.27	ng/ul	-0.01

Target Compounds

					Ovalue
20) Nitrobenzene	8.77	77	2799458	208.978	ng/ul 97
23) 2-Nitrophenol	9.46	139	22954	3.496	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	605708m	42.888	ng/ul
45) Dimethylphthalate	13.67	163	49008	1.387	ng/ul 99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	1907748	128.518	ng/uL 98
74) Pentachlorobenzene	14.53	250	28666	1.735	ng/uL 88

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

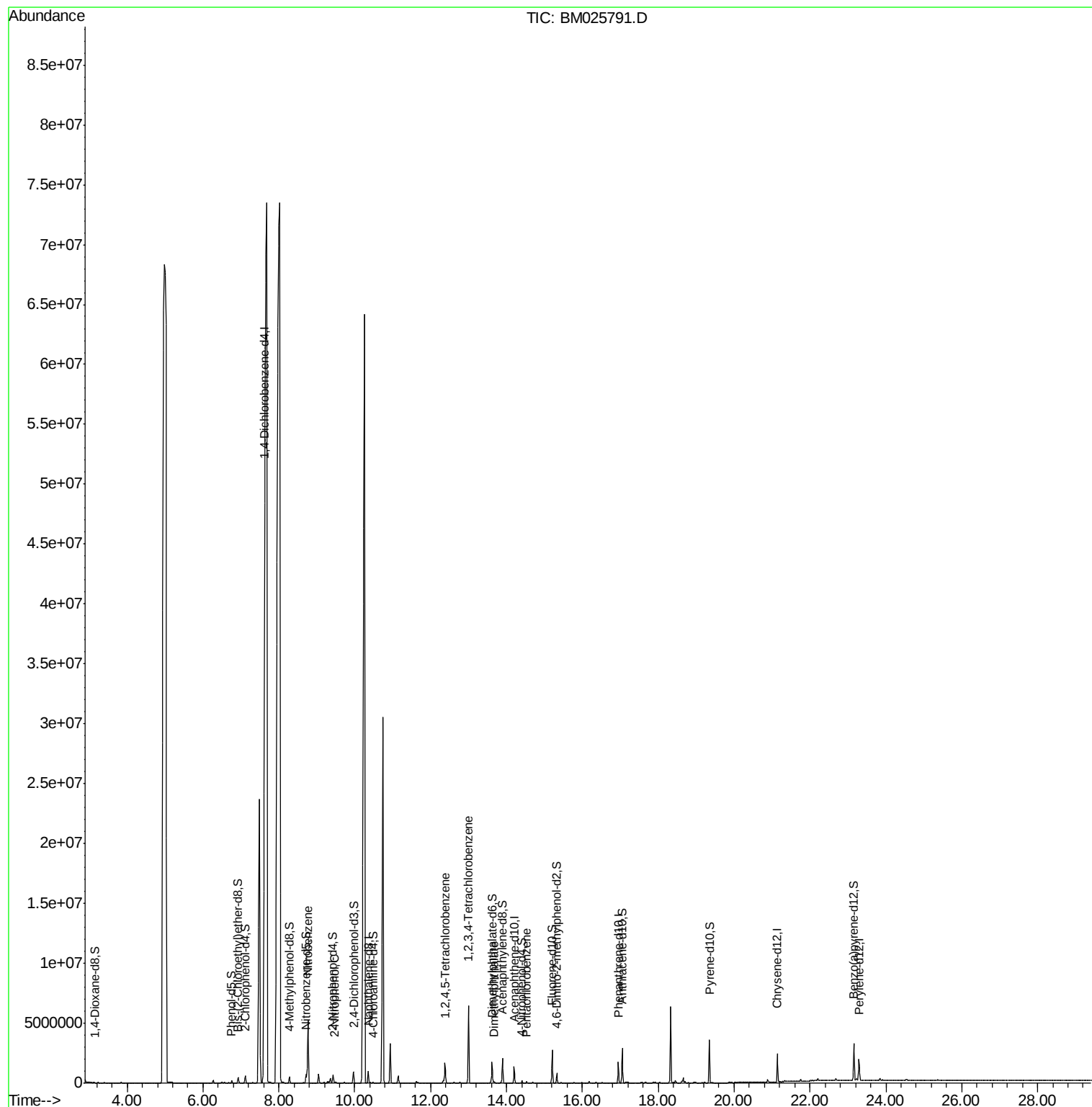
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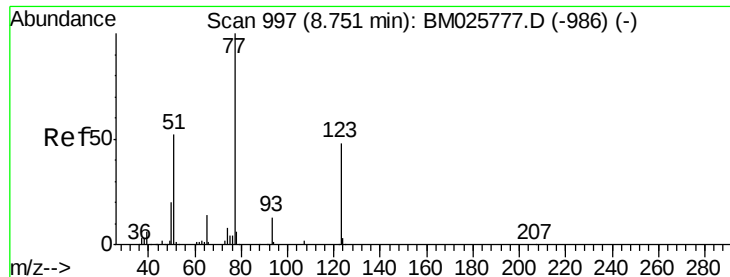
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 26 05:11:11 2020
Response via : Initial Calibration





#20

Nitrobenzene

Concen: 208.978 ng/ul

RT: 8.77 min Scan# 1000

Delta R.T. 0.01 min

Lab File: BM025791.D

Acq: 26 Mar 2020 05:05

Instrument :

BNA_M

ClientSampled :

C0DL9

Tot Ion: 77 Resp: 2799458

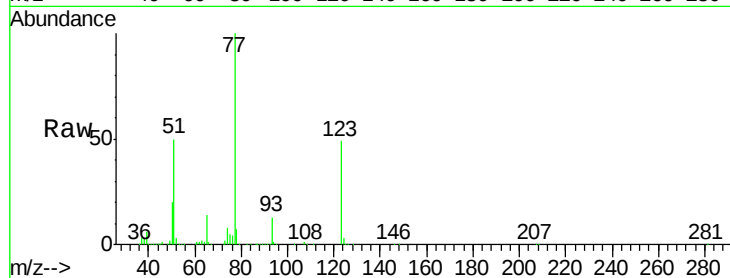
Ion	Ratio	Lower	Upper
77	100		
123	49.4	37.7	56.5
65	13.7	11.1	16.7

Manual Integrations

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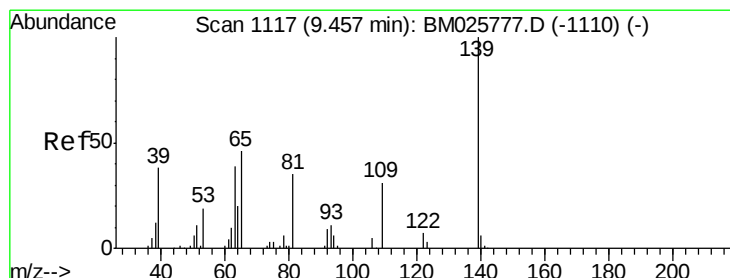
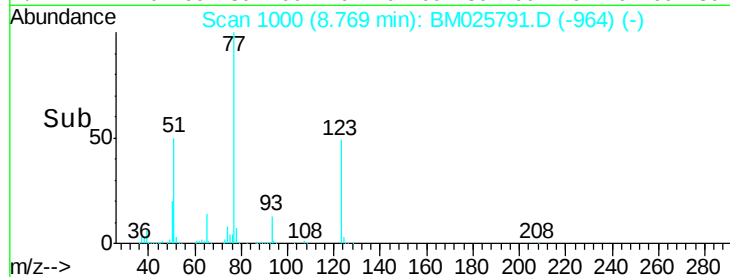
3/27/2020 8:15:40 AM



Abundance Ion 77.00 (76.70 to 77.70): BM025777.D (-986) (-)

Ion 123.00 (122.70 to 123.70): BM025777.D (-986) (-)

Ion 65.00 (64.70 to 65.70): BM025777.D (-986) (-)



#23

2-Nitrophenol

Concen: 3.496 ng/ul

RT: 9.46 min Scan# 1118

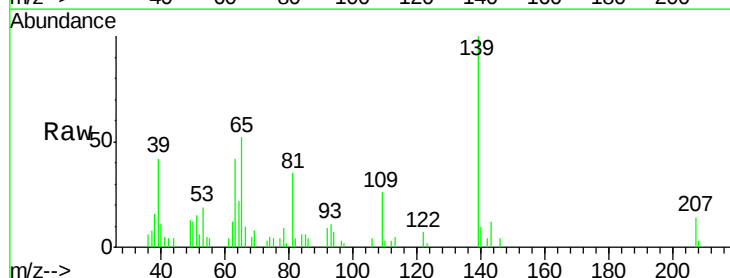
Delta R.T. -0.01 min

Lab File: BM025791.D

Acq: 26 Mar 2020 05:05

Tgt Ion: 139 Resp: 22954

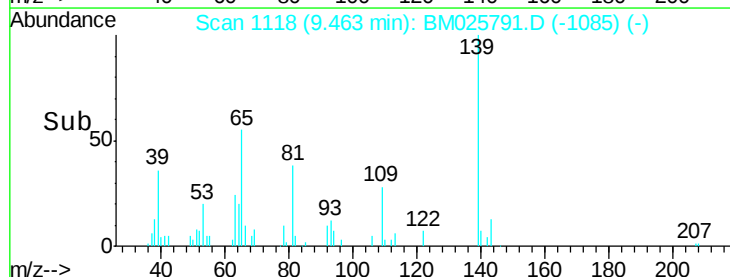
Ion	Ratio	Lower	Upper
139	100		
65	51.5	40.6	61.0
109	26.3	23.8	35.8

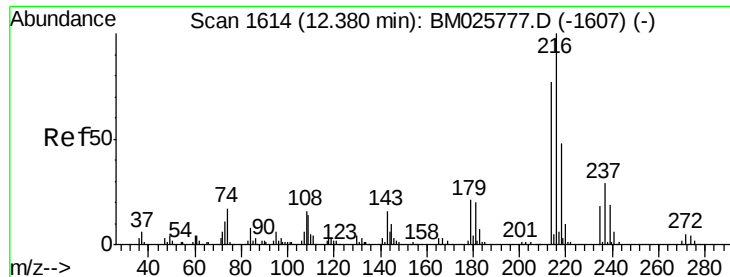


Abundance Ion 139.00 (138.70 to 139.70): BM025777.D (-1110) (-)

Ion 65.00 (64.70 to 65.70): BM025777.D (-1110) (-)

Ion 109.00 (108.70 to 109.70): BM025777.D (-1110) (-)





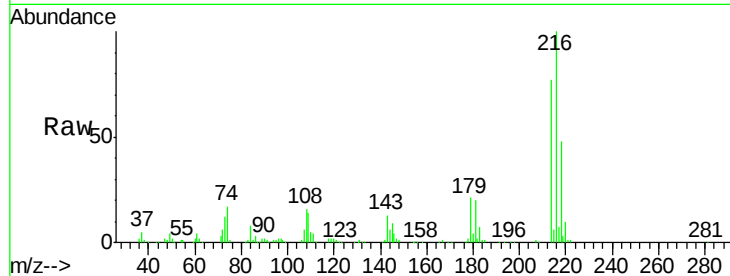
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.888 ng/ul m
 RT: 12.38 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BM025791.D
 Acq: 26 Mar 2020 05:05

Instrument :
 BNA_M
 ClientSampled :
 C0DL9

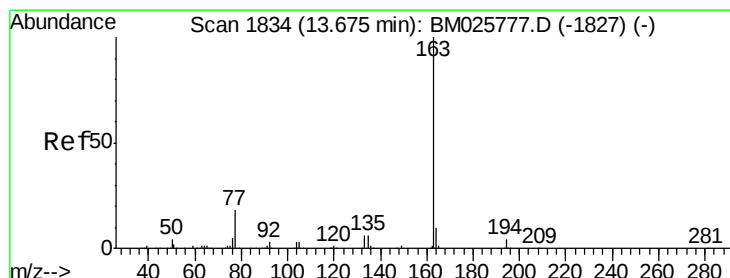
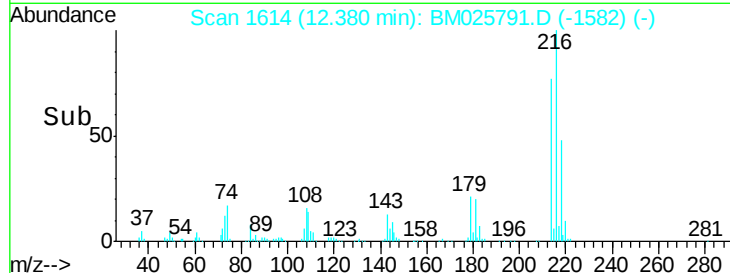
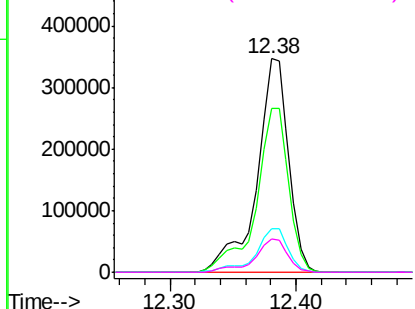
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		605708		
214	76.8	61.9	92.9		
179	20.7	16.6	24.8		
108	15.7	13.0	19.6		

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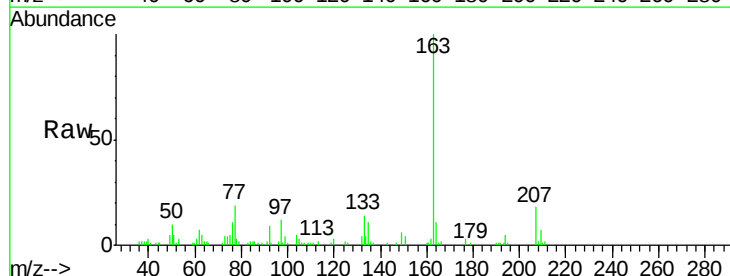


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

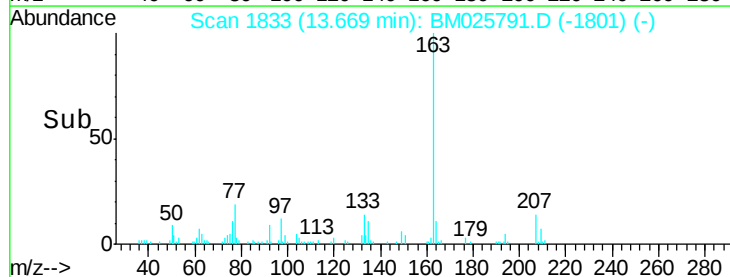
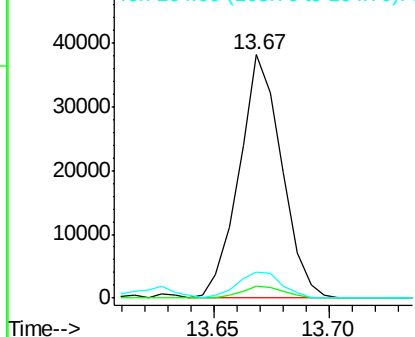


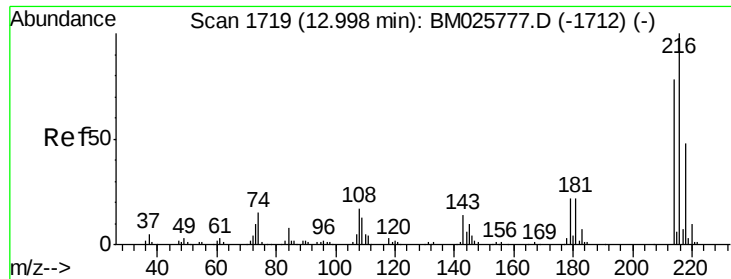
#45
 Dimethylphthalate
 Concen: 1.387 ng/ul
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BM025791.D
 Acq: 26 Mar 2020 05:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		49008		
194	4.7	3.5	5.3		
164	10.7	8.2	12.4		



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





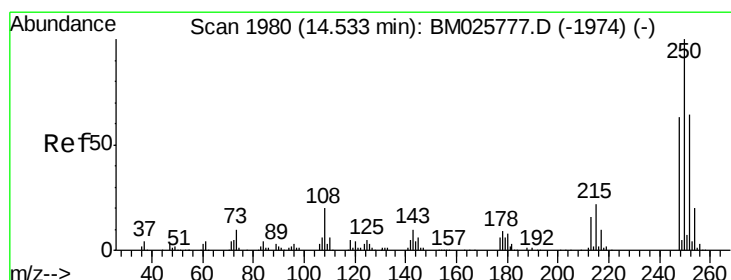
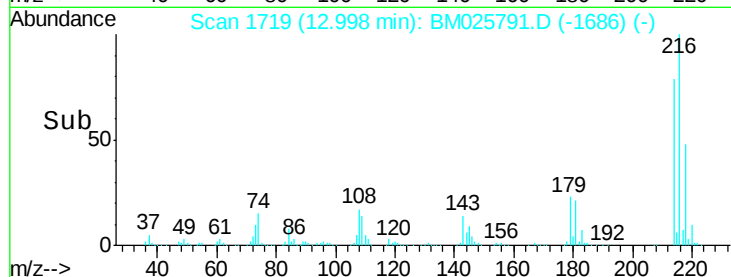
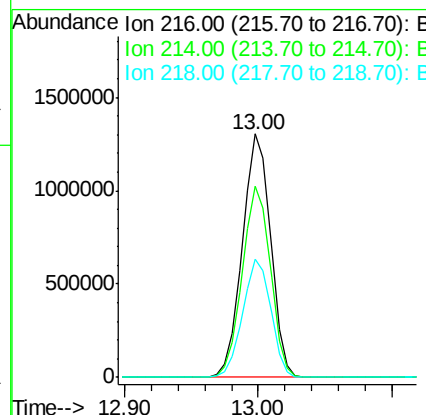
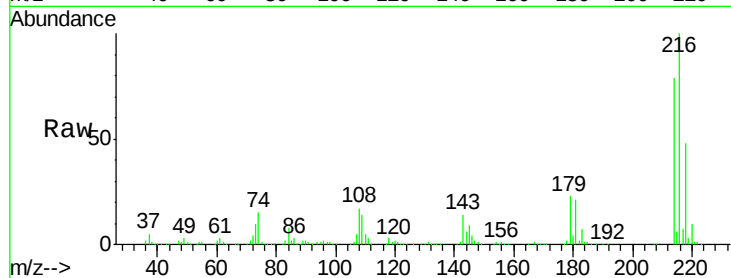
#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 128.518 ng/uL
 RT: 13.00 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BM025791.D
 Acq: 26 Mar 2020 05:05

Instrument :
 BNA_M
 ClientSampleId :
 C0DL9

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	61.8	92.6
218	48.5	37.3	55.9

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#74
 Pentachlorobenzene
 Concen: 1.735 ng/uL
 RT: 14.53 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM025791.D
 Acq: 26 Mar 2020 05:05

Tgt Ion	Ratio	Lower	Upper
250	100		
248	74.1	50.3	75.5
252	72.0	51.9	77.9

