

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025820.D
 Acq On : 27 Mar 2020 03:56
 Operator : CG/JU
 Sample : L1968-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0DL6

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:31:23 AM

Quant Time: Mar 27 05:40:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 27 05:27:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	200718	20.00	ng/ul	0.06
18) Naphthalene-d8	10.36	136	716743	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.20	164	432143	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	933761	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1029073	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1161148	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	9930m	2.08	ng/uL	0.01
5) Phenol-d5	6.76	99	106923	6.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	254638	28.16	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	312161	24.28	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	201787m	15.50	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	188006	35.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	208029	36.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	350297	30.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.48	131	29150	2.17	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	1182850	36.02	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1447618	36.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	45467	7.27	ng/ul	0.00
58) Fluorene-d10	15.20	176	1037995	36.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	175939	30.88	ng/ul	0.00
71) Anthracene-d10	17.05	188	1649343	37.82	ng/ul	0.00
79) Pyrene-d10	19.34	212	1818832	36.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2302979	38.74	ng/ul	0.00

Target Compounds

					Ovalue	
20) Nitrobenzene	8.77	77	3502256	269.852	ng/ul	98
23) 2-Nitrophenol	9.46	139	35678	5.609	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	696510m	50.960	ng/ul	
45) Dimethylphthalate	13.67	163	72273	2.114	ng/ul	99
53) 4-Nitrophenol	14.43	109	5427	1.110	ng/ul	90
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	2247302	157.062	ng/uL	98
74) Pentachlorobenzene	14.53	250	68582	4.306	ng/uL	99

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

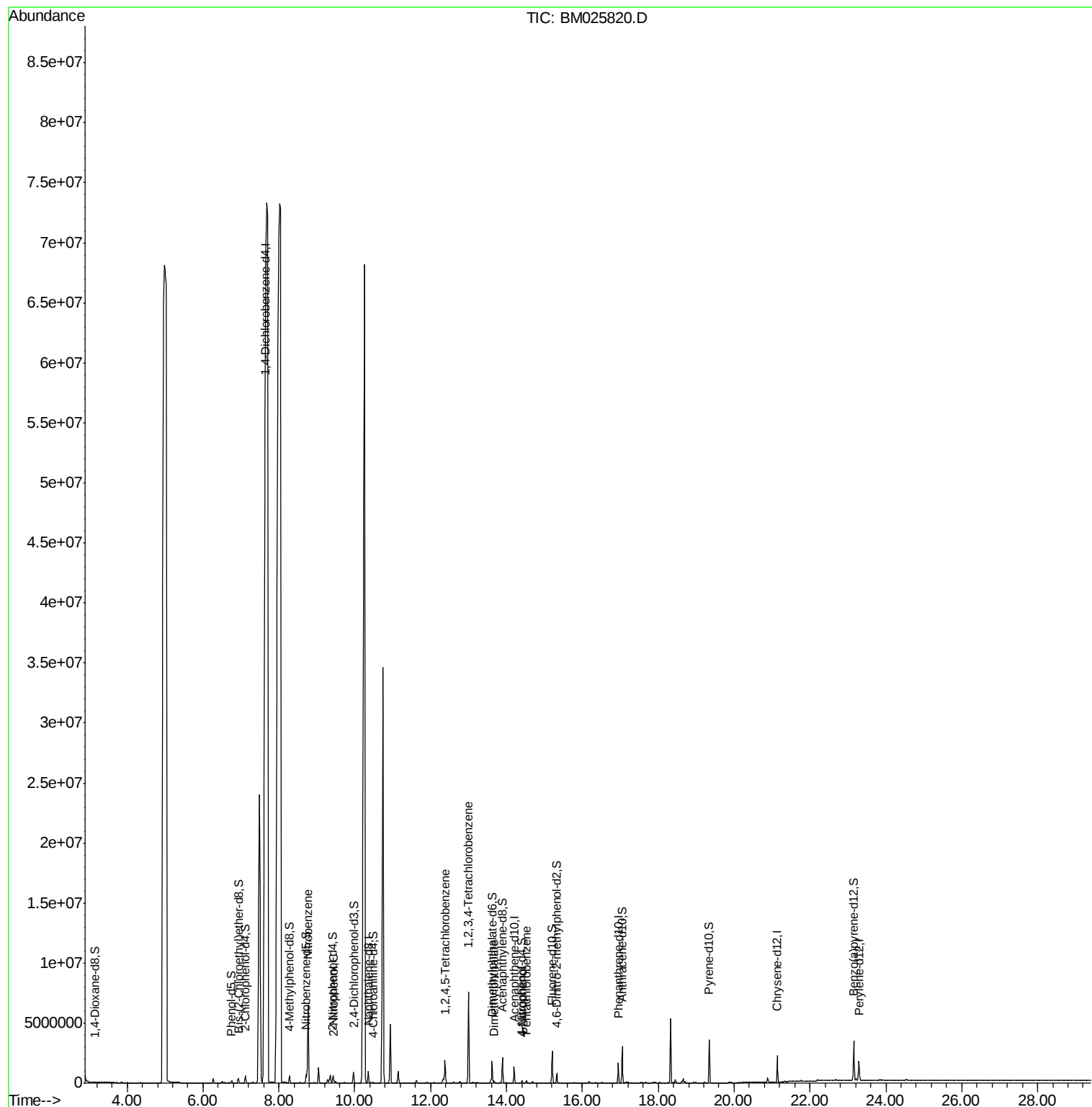
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
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Acq On : 27 Mar 2020 03:56
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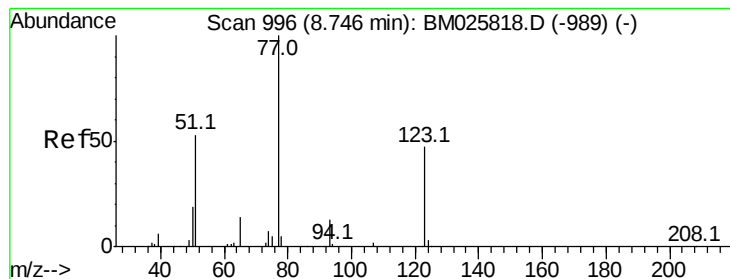
Instrument :
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QLast Update : Fri Mar 27 05:27:00 2020
Response via : Initial Calibration





#20

Nitrobenzene

Concen: 269.852 ng/ul

RT: 8.77 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BM025820.D

Acq: 27 Mar 2020 03:56

Instrument :

BNA_M

ClientSampled :

C0DL6

Tot Ion: 77 Resp: 3502256

Ion Ratio Lower Upper

77 100

123 48.6 37.7 56.5

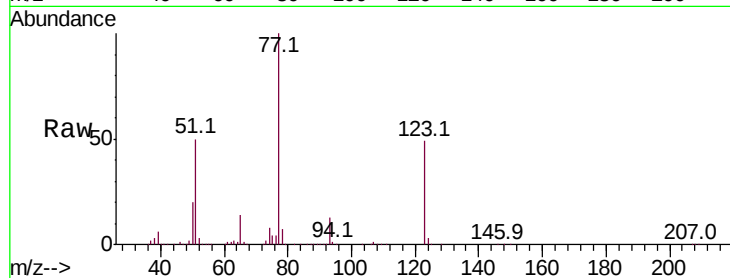
65 13.6 11.1 16.7

Manual Integrations

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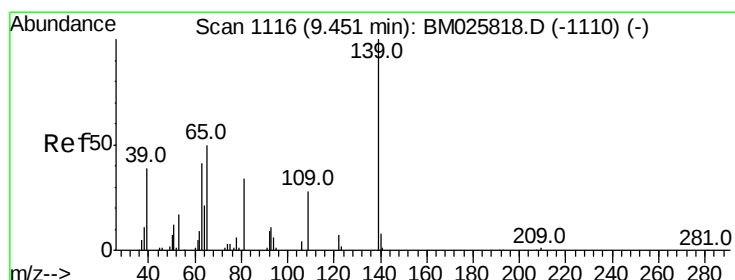
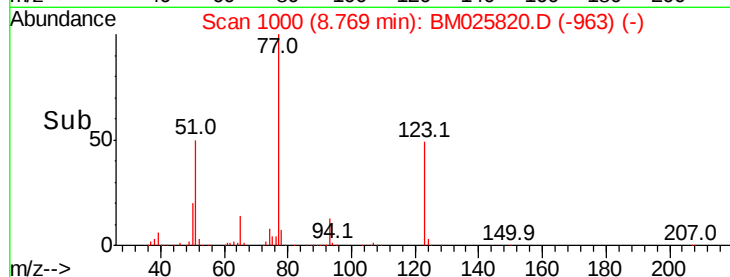
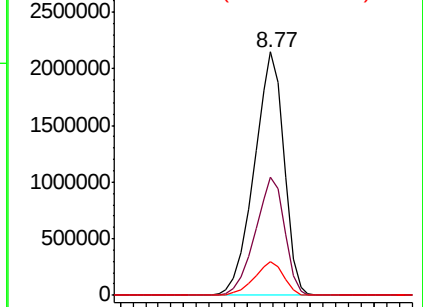
3/30/2020 8:31:23 AM



Abundance Ion 77.00 (76.70 to 77.70): BM025818.D (-989) (-)

Ion 123.00 (122.70 to 123.70): BM025818.D (-989) (-)

Ion 65.00 (64.70 to 65.70): BM025818.D (-989) (-)



#23

2-Nitrophenol

Concen: 5.609 ng/ul

RT: 9.46 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM025820.D

Acq: 27 Mar 2020 03:56

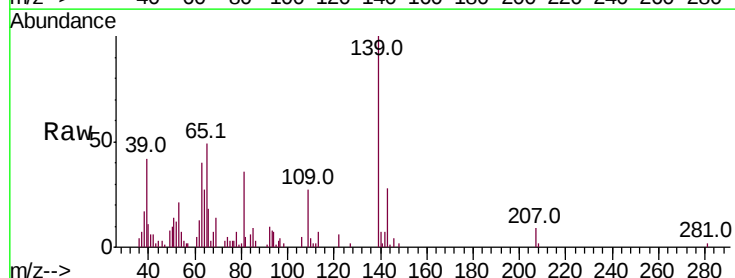
Tgt Ion: 139 Resp: 35678

Ion Ratio Lower Upper

139 100

65 48.6 40.6 61.0

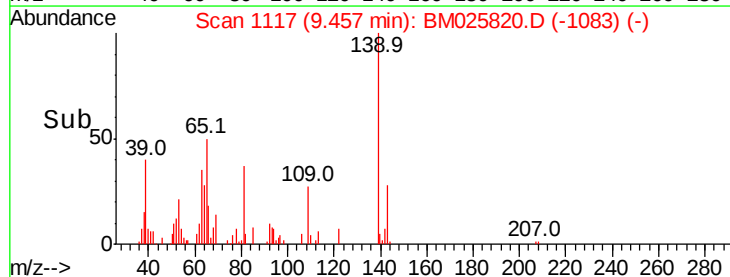
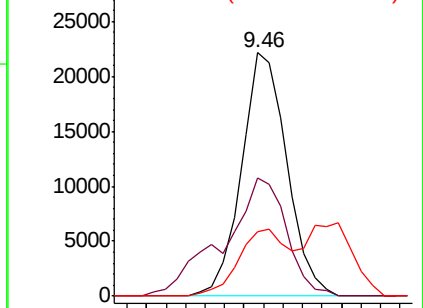
109 26.6 23.8 35.8

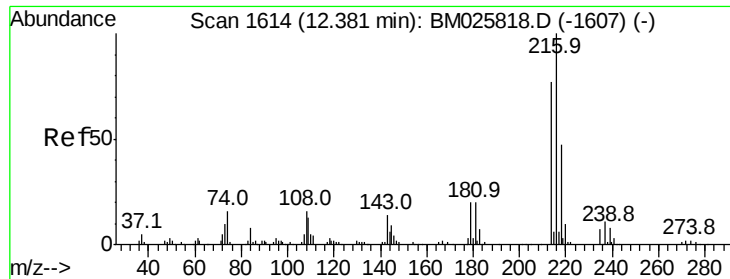


Abundance Ion 139.00 (138.70 to 139.70): BM025818.D (-1110) (-)

Ion 65.00 (64.70 to 65.70): BM025818.D (-1110) (-)

Ion 109.00 (108.70 to 109.70): BM025818.D (-1110) (-)





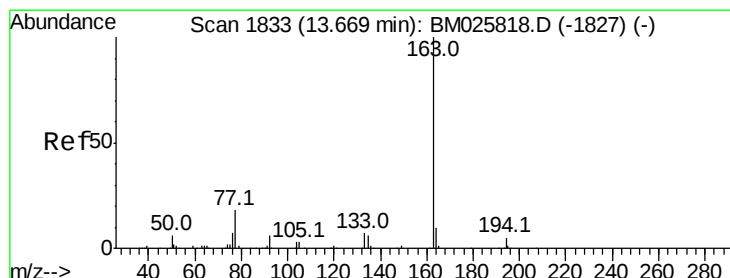
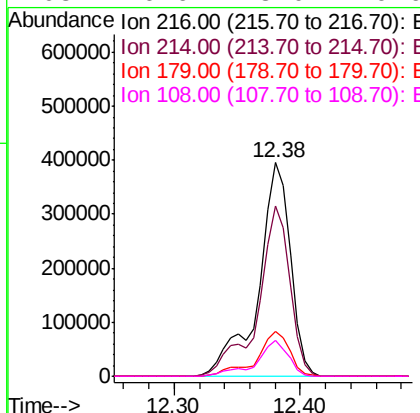
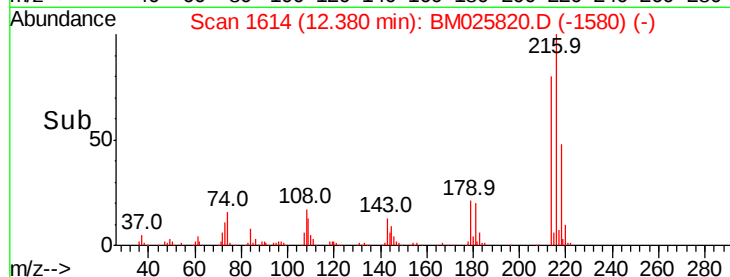
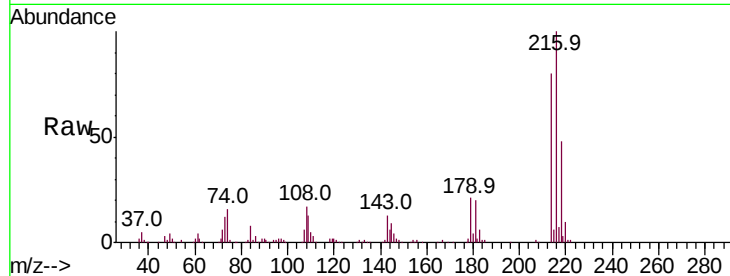
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.960 ng/ul m
 RT: 12.38 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BM025820.D
 Acq: 27 Mar 2020 03:56

Instrument :
 BNA_M
 ClientSampleId :
 C0DL6

Tot Ion	Ratio	Resp	Lower	Upper
216	100	696510		
214	79.6	61.9	92.9	
179	21.1	16.6	24.8	
108	16.6	13.0	19.6	

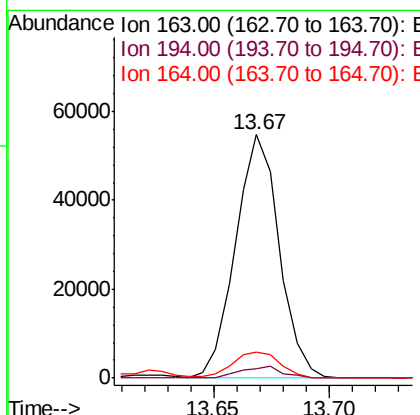
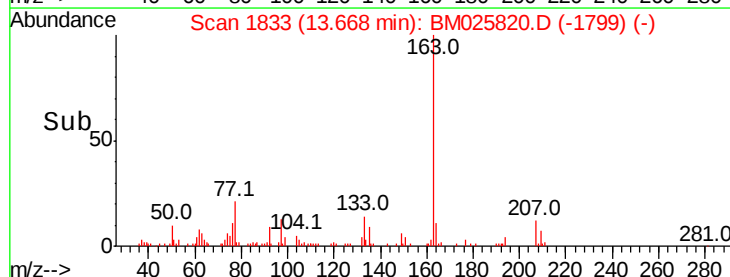
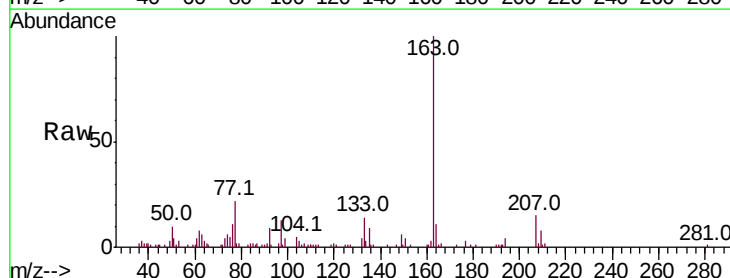
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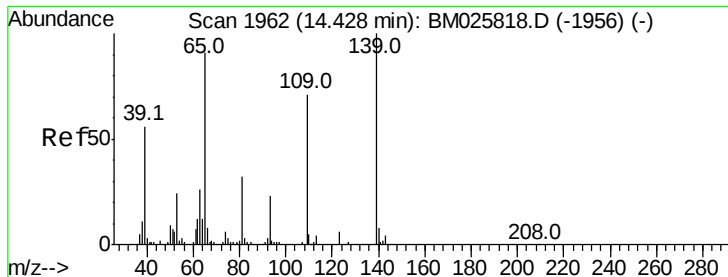
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#45
 Dimethylphthalate
 Concen: 2.114 ng/ul
 RT: 13.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BM025820.D
 Acq: 27 Mar 2020 03:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	72273		
194	3.9	3.5	5.3	
164	10.5	8.2	12.4	





#53

4-Nitrophenol

Concen: 1.110 ng/ul

RT: 14.43 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BM025820.D

Acq: 27 Mar 2020 03:56

Instrument :

BNA_M

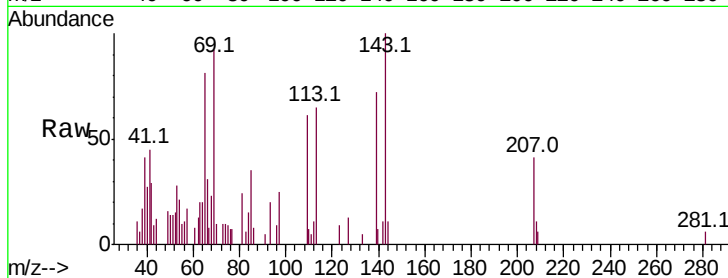
ClientSampled :

C0DL6

Tot Ion	Ratio	Lower	Upper
109	100		
139	116.8	111.0	166.4
65	132.4	105.1	157.7

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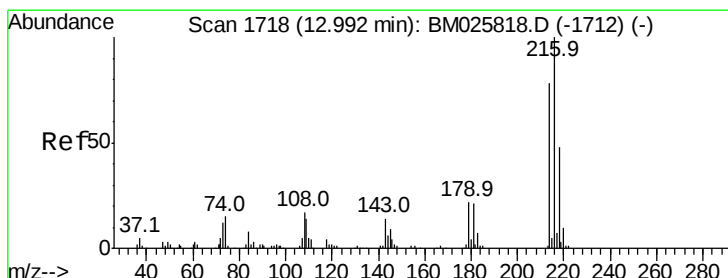
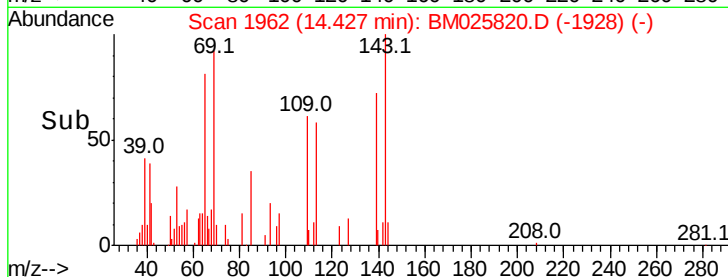
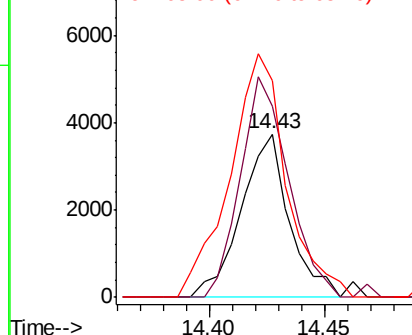


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#73

1,2,3,4-Tetrachlorobenzene

Concen: 157.062 ng/uL

RT: 13.00 min Scan# 1719

Delta R.T. 0.01 min

Lab File: BM025820.D

Acq: 27 Mar 2020 03:56

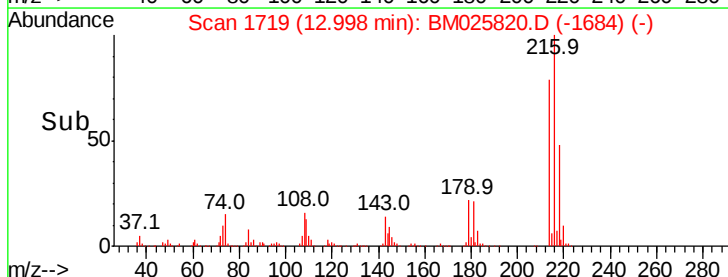
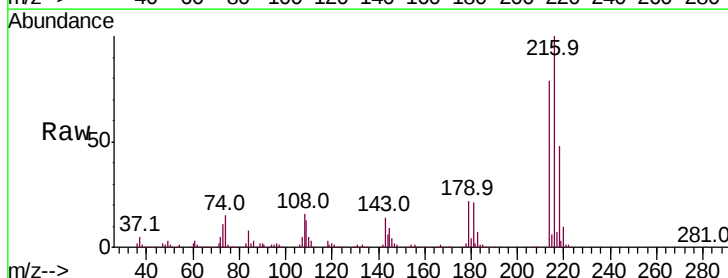
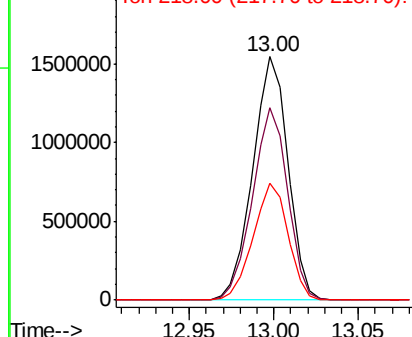
Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.8	92.6
218	48.2	37.3	55.9

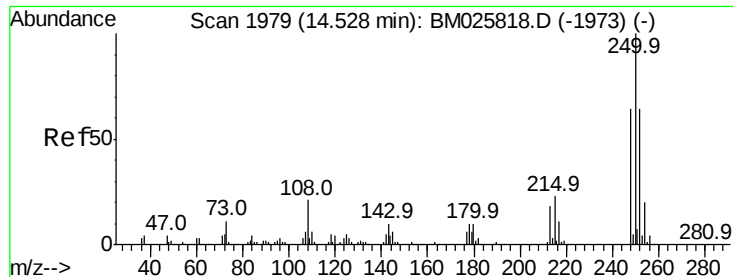
Abundance

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





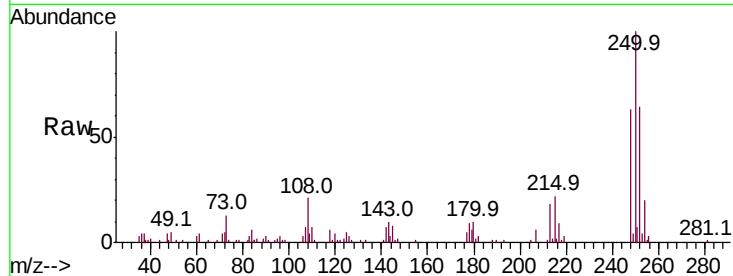
#74
 Pentachlorobenzene
 Concen: 4.306 ng/uL
 RT: 14.53 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM025820.D
 Acq: 27 Mar 2020 03:56

Instrument :
 BNA_M
 ClientSampleId :
 C0DL6

Tot Ion:	250	Resp:	68582
Ion Ratio	Lower	Upper	
250	100		
248	62.8	50.3	75.5
252	64.2	51.9	77.9

Manual Integrations
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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

