

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025817.D
 Acq On : 27 Mar 2020 01:31
 Operator : CG/JU
 Sample : L1968-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CODE5

Manual Integrations
 APPROVED

mohammad
 3/30/2020 8:31:13 AM

Quant Time: Mar 27 02:30:17 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	7.62	152	201623	20.00	ng/ul	0.06
18) Naphthalene-d8	10.36	136	717997	20.00	ng/ul	0.03
36) Acenaphthene-d10	14.20	164	433276	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	943399	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1047157	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1165390	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	8636m	1.80	ng/uL	0.01
5) Phenol-d5	6.76	99	98071	6.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	240462	26.47	ng/ul	0.02
9) 2-Chlorophenol-d4	7.12	132	294475	22.80	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	182909	13.99	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	176025	32.99	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	189927	33.48	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	327302	28.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.48	131	28395	2.11	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	1095090	33.26	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1315612	33.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	40035	6.39	ng/ul	0.00
58) Fluorene-d10	15.20	176	956660	33.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	163058	28.33	ng/ul	0.00
71) Anthracene-d10	17.05	188	1521774	34.54	ng/ul	0.00
79) Pyrene-d10	19.34	212	1695430	33.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2129291	35.69	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	8.77	77	3183931	244.897	ng/ul 99
23) 2-Nitrophenol	9.46	139	22152	3.477	ng/ul 98
28) Naphthalene	10.40	128	72407	1.852	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	678892m	49.541	ng/ul
45) Dimethylphthalate	13.67	163	80094	2.337	ng/ul 98
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	2435651	168.487	ng/uL 99
74) Pentachlorobenzene	14.53	250	22597	1.404	ng/uL 99

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

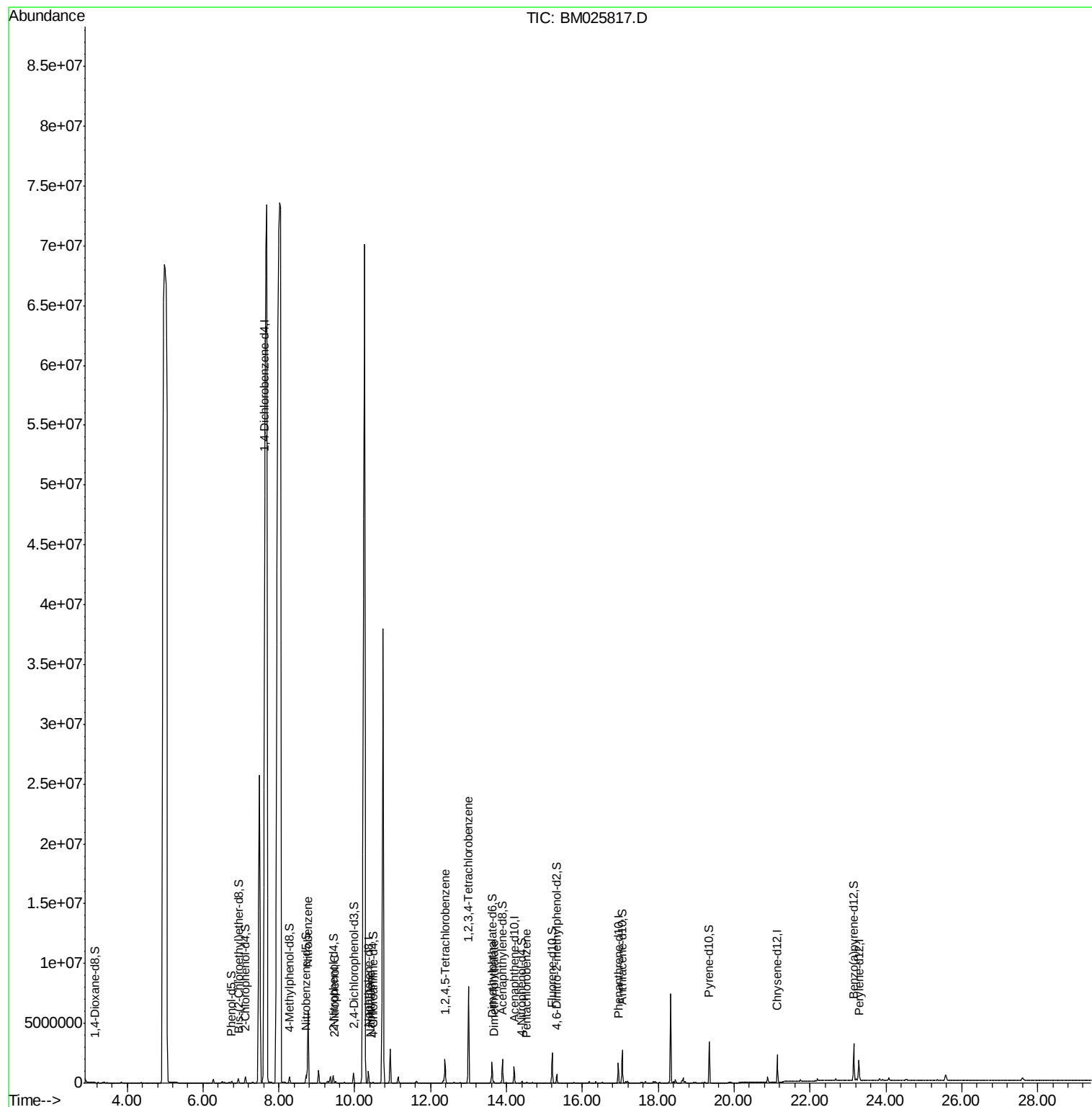
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
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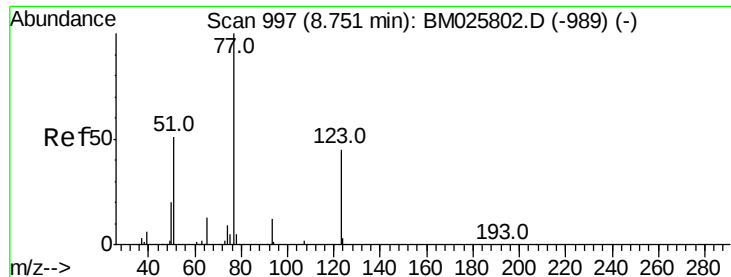
Instrument :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 27 00:56:05 2020
Response via : Initial Calibration





#20

Nitrobenzene

Concen: 244.897 ng/ul

RT: 8.77 min Scan# 1000

Delta R.T. 0.02 min

Lab File: BM025817.D

Acq: 27 Mar 2020 01:31

Instrument :

BNA_M

ClientSampled :

CODE5

Tot Ion: 77 Resp: 3183931

Ion Ratio Lower Upper

77 100

123 48.3 37.7 56.5

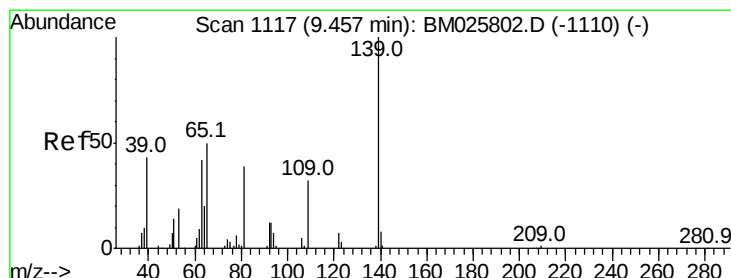
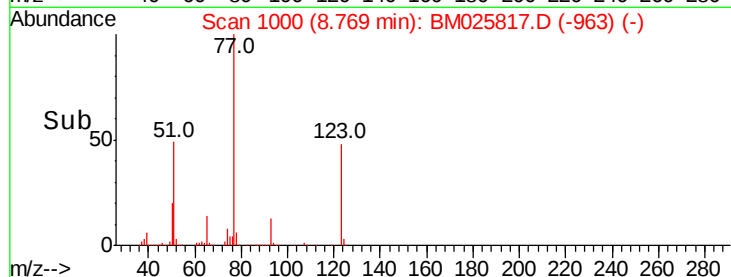
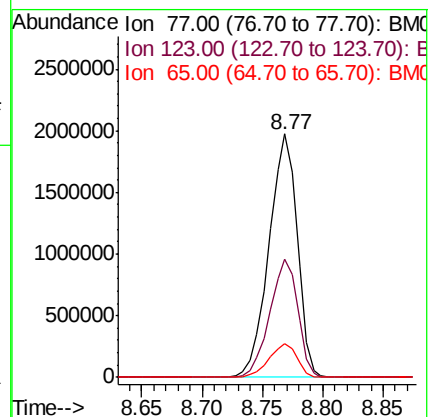
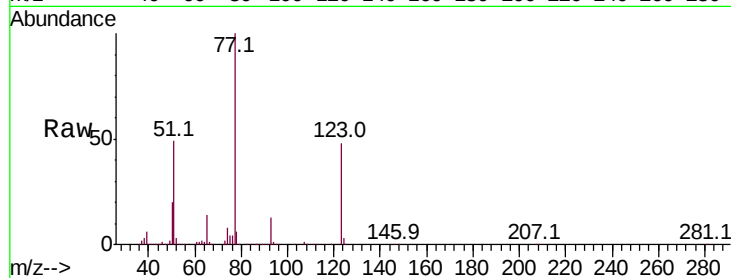
65 13.7 11.1 16.7

Manual Integrations

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#23

2-Nitrophenol

Concen: 3.477 ng/ul

RT: 9.46 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BM025817.D

Acq: 27 Mar 2020 01:31

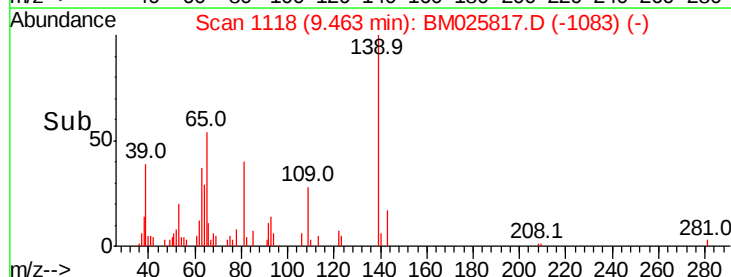
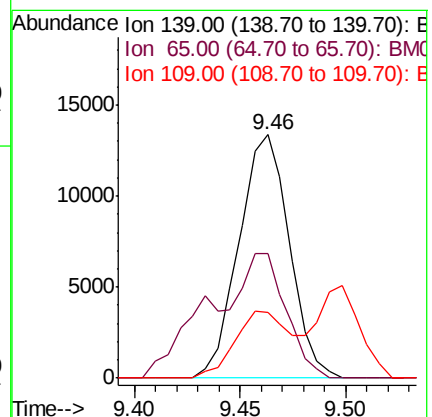
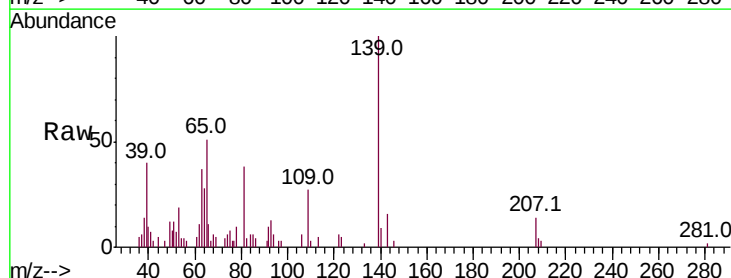
Tgt Ion: 139 Resp: 22152

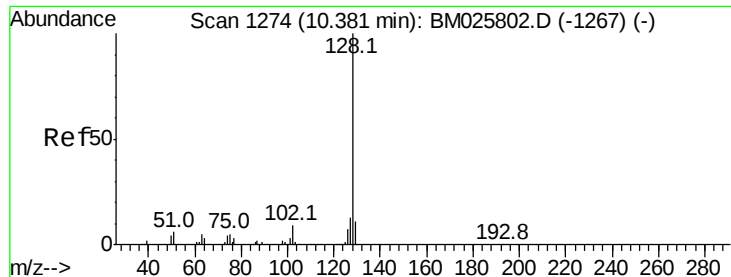
Ion Ratio Lower Upper

139 100

65 51.2 40.6 61.0

109 26.7 23.8 35.8





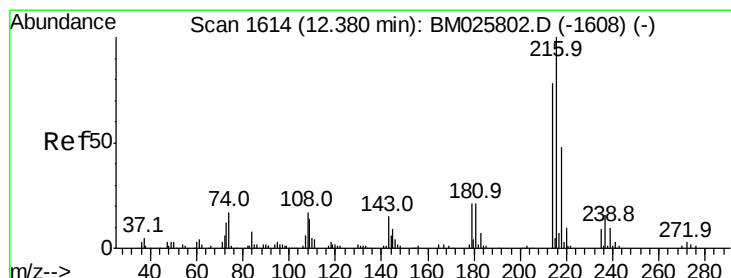
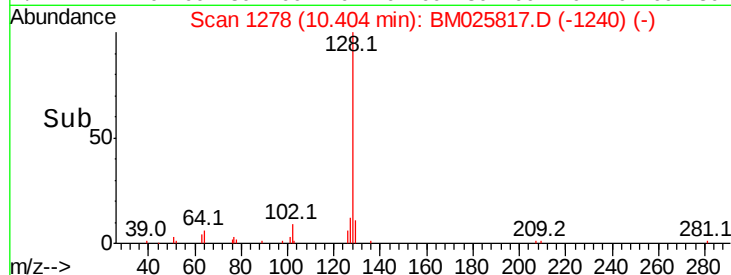
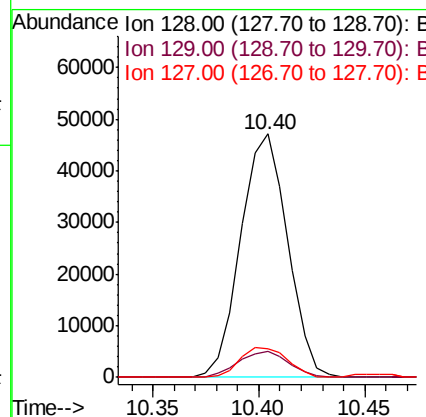
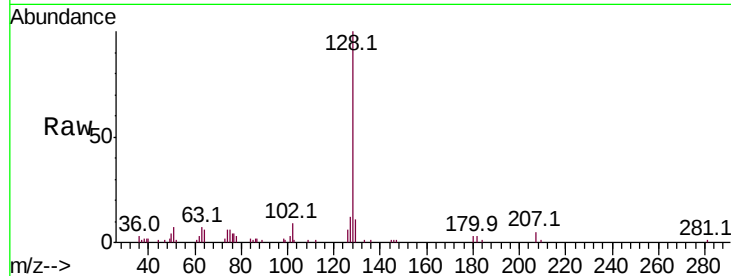
#28
Naphthalene
Concen: 1.852 ng/ul
RT: 10.40 min Scan# 1278
Delta R.T. 0.02 min
Lab File: BM025817.D
Acq: 27 Mar 2020 01:31

Instrument :
BNA_M
ClientSampleId :
CODE5

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	11.8	10.6	15.8

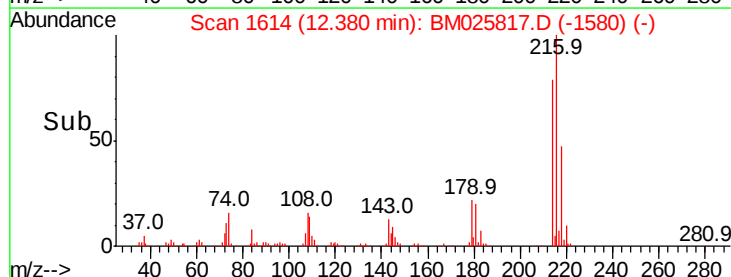
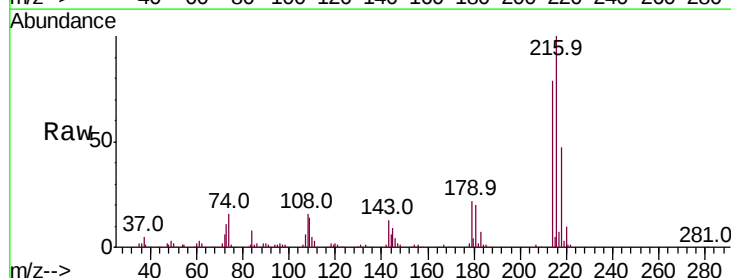
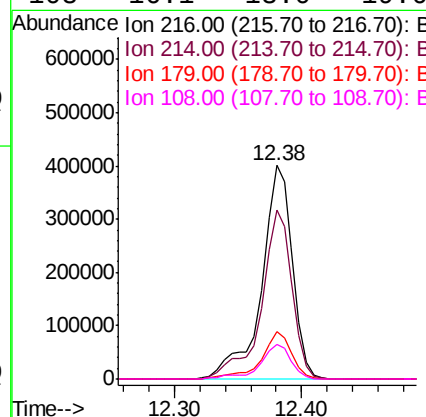
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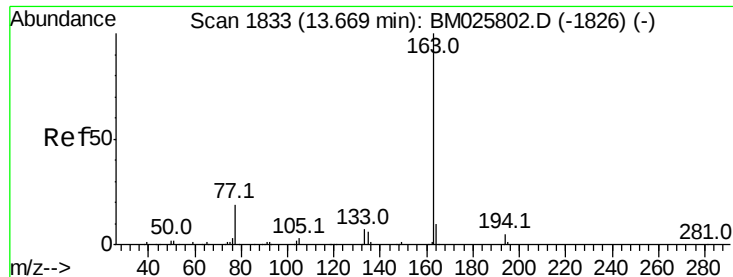
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 49.541 ng/ul m
RT: 12.38 min Scan# 1614
Delta R.T. -0.00 min
Lab File: BM025817.D
Acq: 27 Mar 2020 01:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	61.9	92.9
179	22.0	16.6	24.8
108	16.1	13.0	19.6





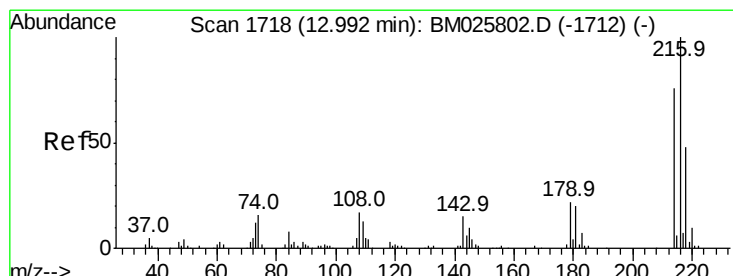
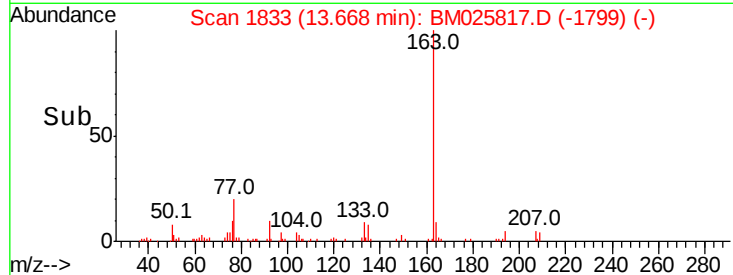
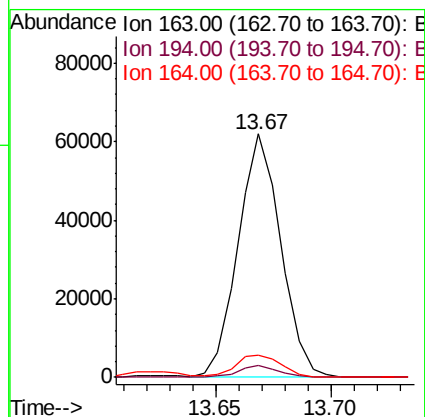
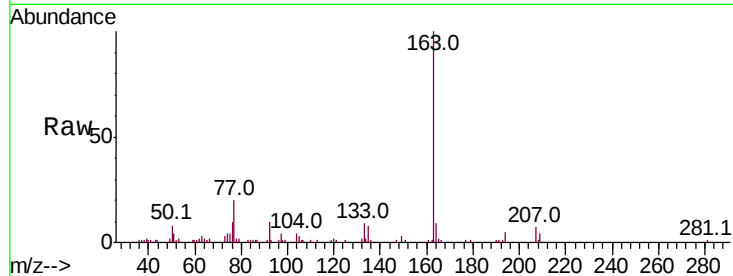
#45
Dimethylphthalate
Concen: 2.337 ng/uL
RT: 13.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: BM025817.D
Acq: 27 Mar 2020 01:31

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	9.2	8.2	12.4

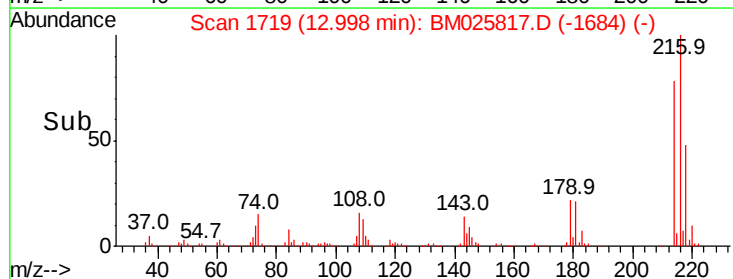
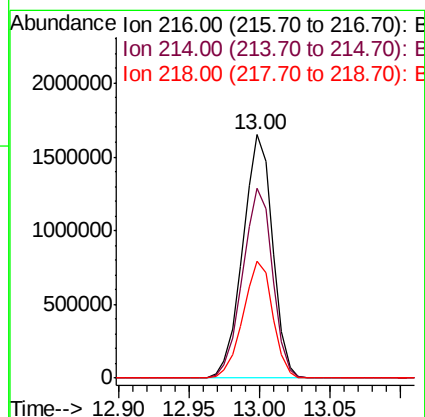
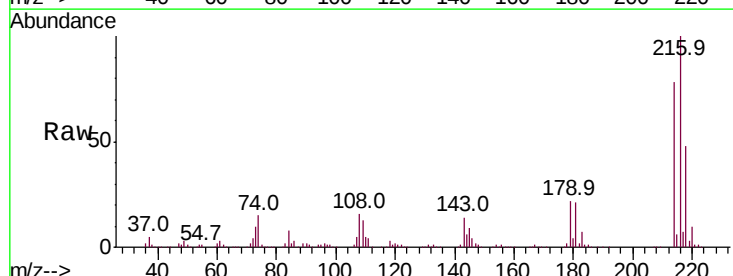
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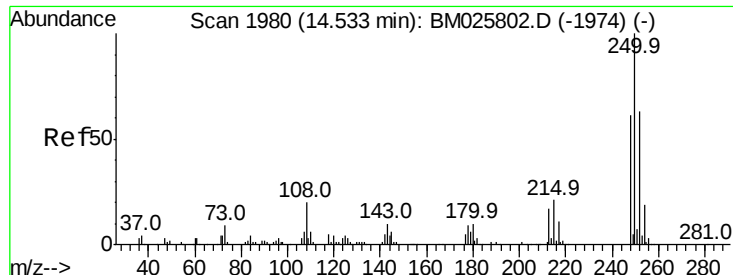
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#73
1,2,3,4-Tetrachlorobenzene
Concen: 168.487 ng/uL
RT: 13.00 min Scan# 1719
Delta R.T. 0.01 min
Lab File: BM025817.D
Acq: 27 Mar 2020 01:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.8	92.6
218	48.0	37.3	55.9





#74
 Pentachlorobenzene
 Concen: 1.404 ng/uL
 RT: 14.53 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM025817.D
 Acq: 27 Mar 2020 01:31

Instrument :
 BNA_M
 ClientSampleId :
 CODE5

Tot Ion	Ratio	Lower	Upper
250	100		
248	61.4	50.3	75.5
252	65.3	51.9	77.9

Manual Integrations
 APPROVED

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