

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025805.D
 Acq On : 26 Mar 2020 18:16
 Operator : CG/JU
 Sample : L1968-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DC7

Manual Integrations
 APPROVED

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 3/30/2020 8:30:40 AM

Quant Time: Mar 26 18:53:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 26 18:34:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	190127	20.00	ng/ul	0.04
18) Naphthalene-d8	10.34	136	664915	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	393976	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	842736	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	926750	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1034658	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	4967	1.10	ng/uL	0.00
5) Phenol-d5	6.75	99	72841	4.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	228696	26.70	ng/ul	0.01
9) 2-Chlorophenol-d4	7.11	132	260832	21.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	144146m	11.69	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	169564	34.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	178022	33.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	308641	28.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	18916	1.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	1015960	33.93	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	1246198	34.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	24132	4.23	ng/ul	0.00
58) Fluorene-d10	15.20	176	905336	34.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	134055	26.07	ng/ul	0.00
71) Anthracene-d10	17.05	188	1408576	35.78	ng/ul	0.00
79) Pyrene-d10	19.34	212	1539600	34.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1910841	36.07	ng/ul	0.00
Target Compounds						
20) Nitrobenzene	8.78	77	7199801	597.993	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	402078	32.268	ng/ul	98
45) Dimethylphthalate	13.67	163	102853	3.300	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	543940	42.122	ng/uL	96
74) Pentachlorobenzene	14.53	250	23501	1.635	ng/uL	96

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

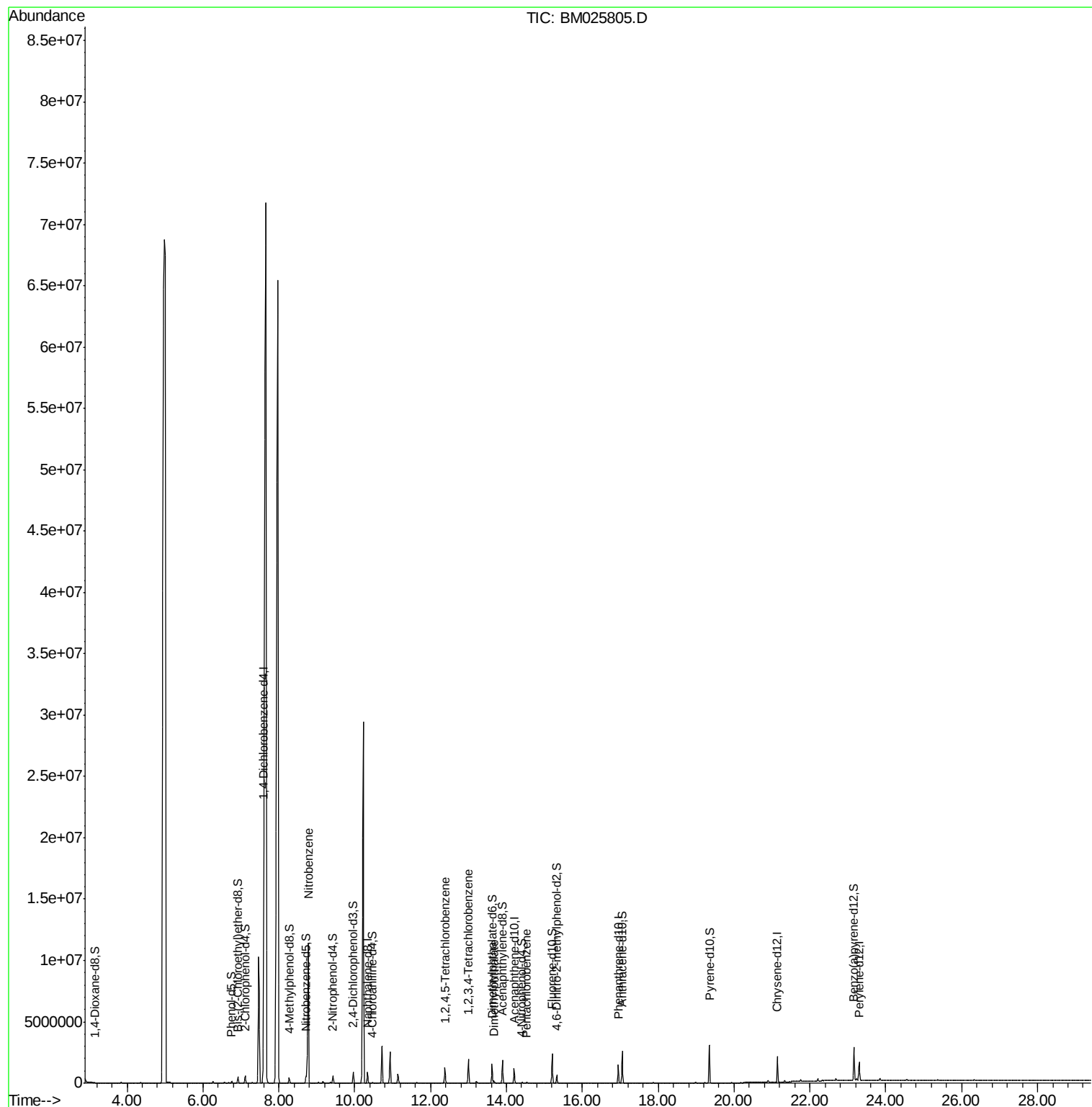
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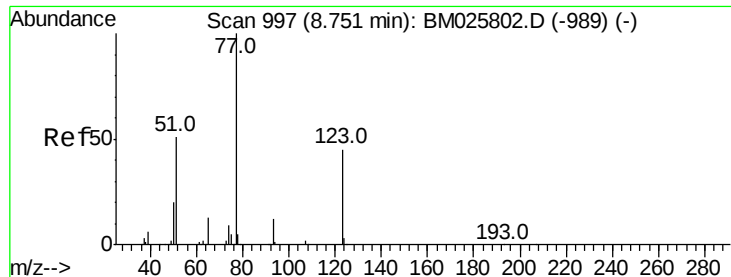
Instrument :
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#20

Nitrobenzene

Concen: 597.993 ng/ul

RT: 8.78 min Scan# 1001

Delta R.T. 0.02 min

Lab File: BM025805.D

Acq: 26 Mar 2020 18:16

Instrument :

BNA_M

ClientSampled :

C0DC7

Tot Ion: 77 Resp: 7199801

Ion Ratio Lower Upper

77 100

123 48.9 37.7 56.5

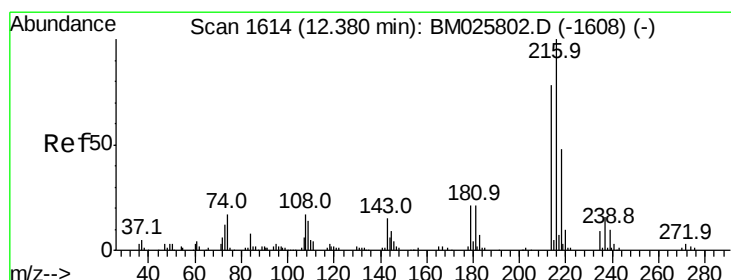
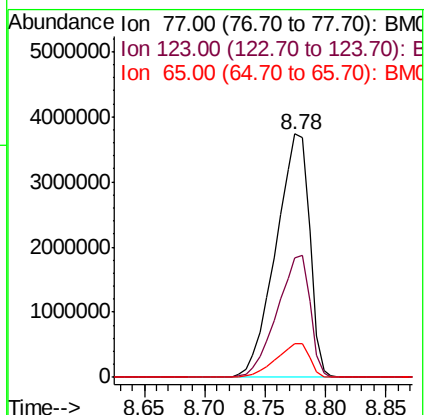
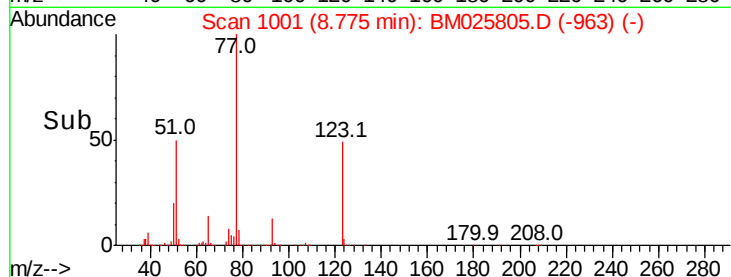
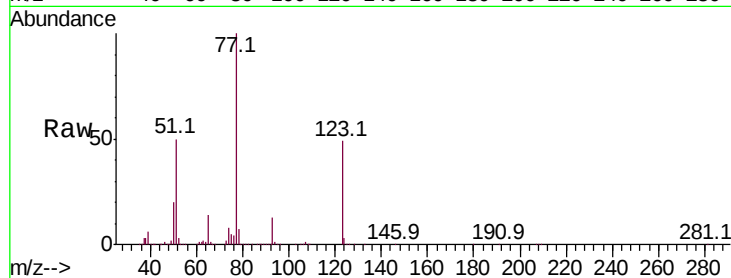
65 14.0 11.1 16.7

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#37

1,2,4,5-Tetrachlorobenzene

Concen: 32.268 ng/ul

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BM025805.D

Acq: 26 Mar 2020 18:16

Tgt Ion: 216 Resp: 402078

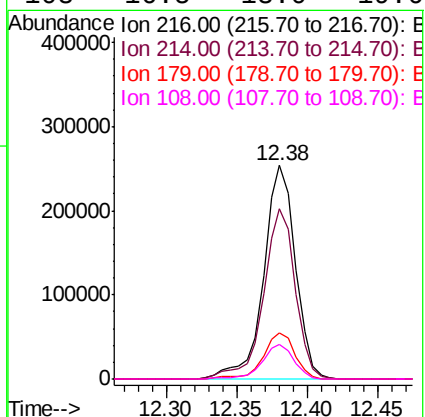
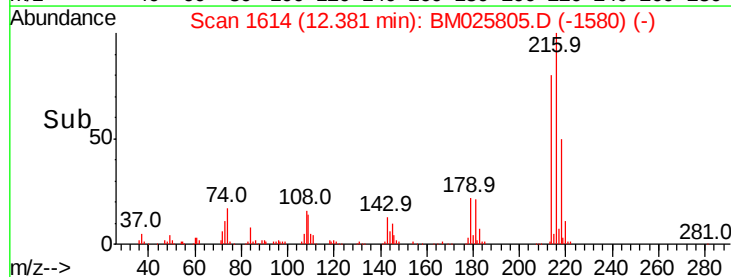
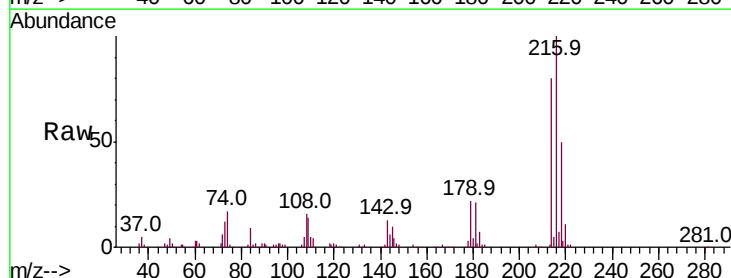
Ion Ratio Lower Upper

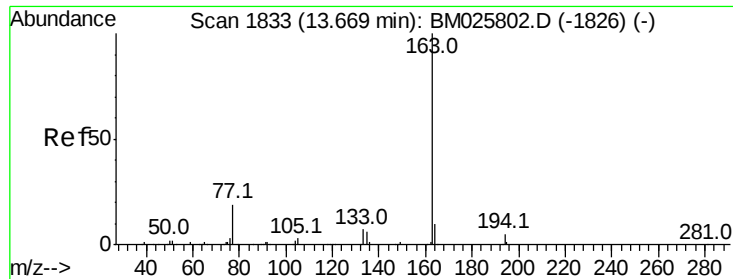
216 100

214 79.5 61.9 92.9

179 21.8 16.6 24.8

108 16.5 13.0 19.6





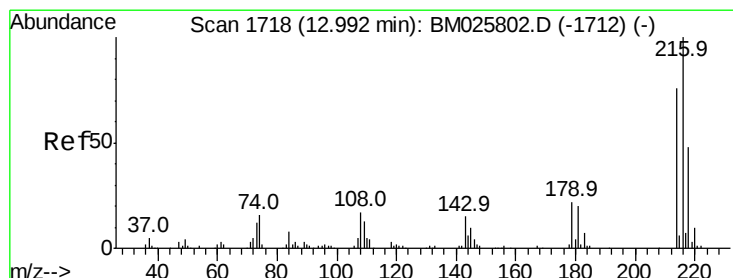
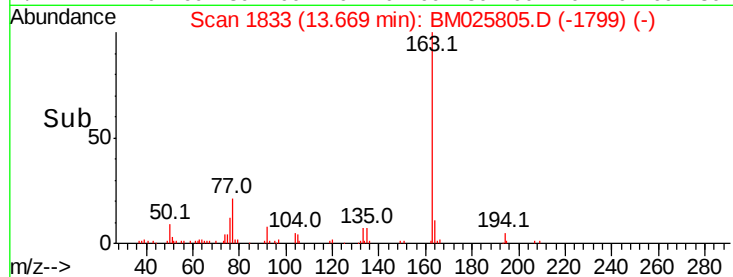
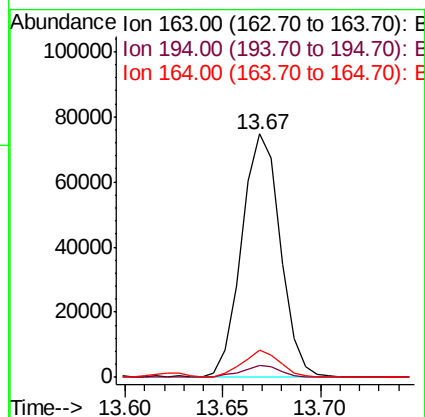
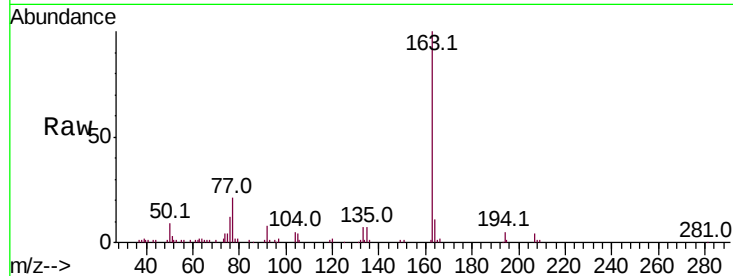
#45
Dimethylphthalate
Concen: 3.300 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM025805.D
Acq: 26 Mar 2020 18:16

Instrument :
BNA_M
ClientSampled :
C0DC7

Tot Ion:	163	Resp:	102853
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	11.2	8.2	12.4

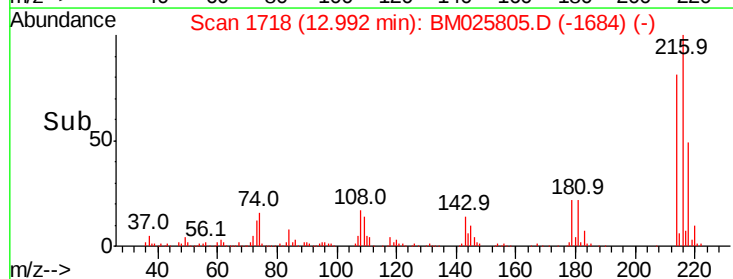
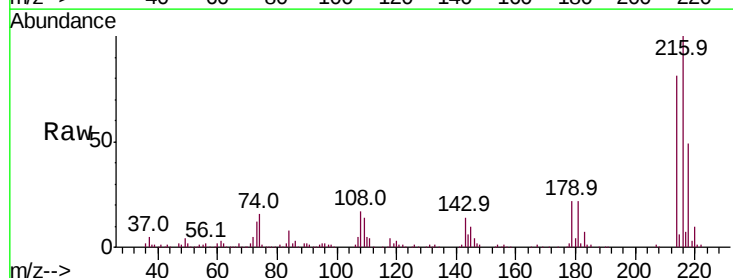
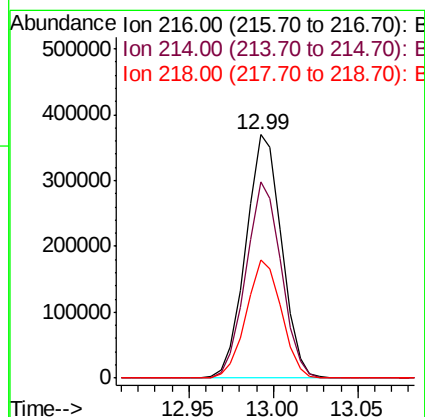
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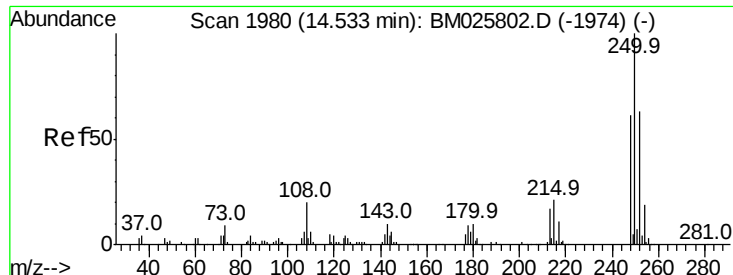
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#73
1,2,3,4-Tetrachlorobenzene
Concen: 42.122 ng/uL
RT: 12.99 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BM025805.D
Acq: 26 Mar 2020 18:16

Tgt Ion:	216	Resp:	543940
Ion Ratio	Lower	Upper	
216	100		
214	80.8	61.8	92.6
218	48.6	37.3	55.9





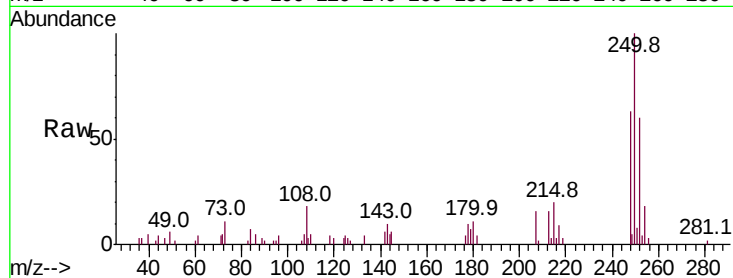
#74
 Pentachlorobenzene
 Concen: 1.635 ng/uL
 RT: 14.53 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: BM025805.D
 Acq: 26 Mar 2020 18:16

Instrument :
 BNA_M
 ClientSampleId :
 C0DC7

Tot Ion:	250	Resp:	23501
Ion Ratio	Lower	Upper	
250	100		
248	63.4	50.3	75.5
252	59.5	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

