

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032620\
 Data File : BM025849.D
 Acq On : 27 Mar 2020 21:57
 Operator : CG/JU
 Sample : L2005-03DL 5X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0DE4DL

Manual Integrations
 APPROVED

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 3/30/2020 8:32:35 AM

Quant Time: Mar 29 00:38:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 27 23:44:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	219980	20.00	ng/ul	0.01
18) Naphthalene-d8	10.34	136	831913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	486139	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1061970	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1279360	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	1490550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.75	99	19350	1.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	55328	5.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	63252	4.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	36397	2.55	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	35479	5.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	35327	5.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	67687	5.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	4943	0.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	217186	5.88	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	263445	5.95	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	3900	0.55	ng/ul	0.01
58) Fluorene-d10	15.20	176	202430	6.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	17557	2.71	ng/ul	0.00
71) Anthracene-d10	17.04	188	316134	6.37	ng/ul	0.00
79) Pyrene-d10	19.34	212	360796	5.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	480072	6.29	ng/ul	-0.01

Target Compounds

					Ovalue
10) 2-Chlorophenol	7.13	128	19979	1.347	ng/ul 99
28) Naphthalene	10.39	128	69266	1.529	ng/ul 97
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	178578m	11.614	ng/ul
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	567176	34.854	ng/uL 99
74) Pentachlorobenzene	14.53	250	46773	2.582	ng/uL 99

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

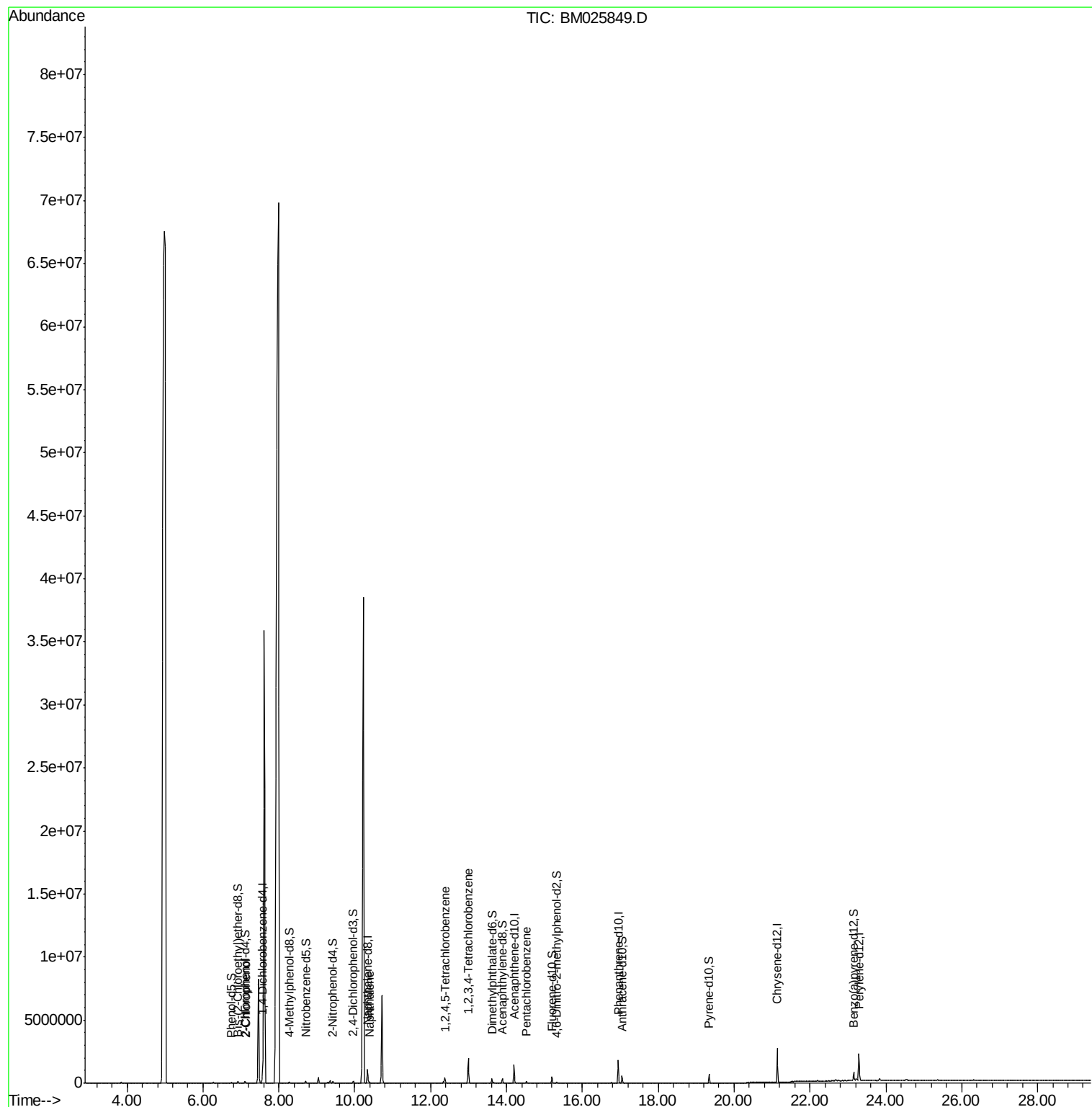
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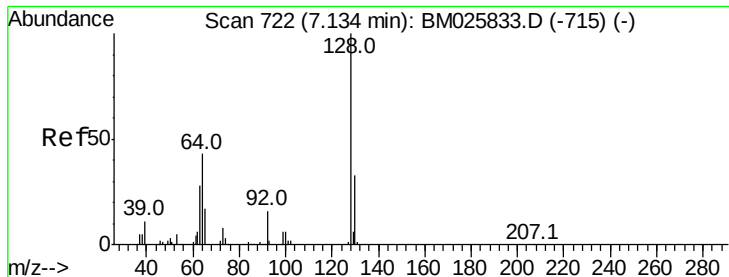
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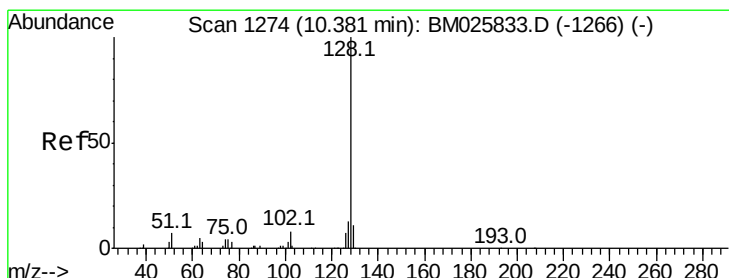
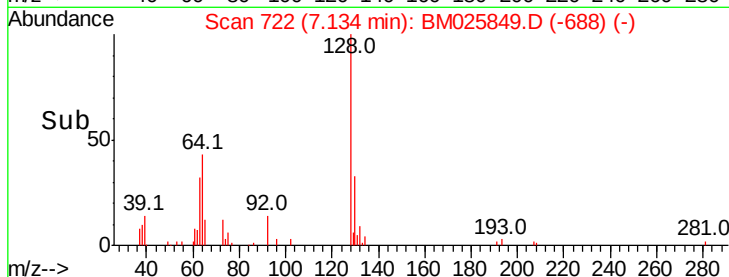
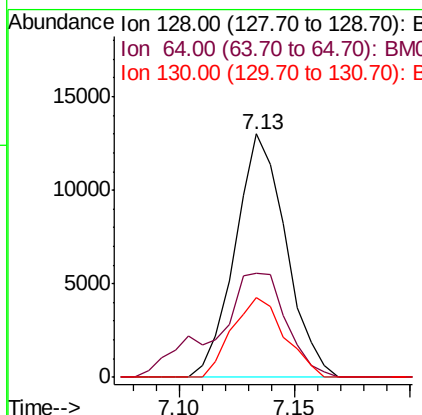
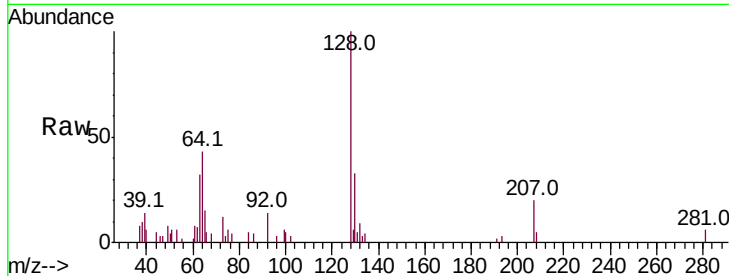
#10
2-Chlorophenol
Concen: 1.347 ng/ul
RT: 7.13 min Scan# 722
Delta R.T. -0.00 min
Lab File: BM025849.D
Acq: 27 Mar 2020 21:57

Instrument :
BNA_M
ClientSampleId :
C0DE4DL

Tot Ion	128	Resp	19979
Ion Ratio	Lower	Upper	
128	100		
64	42.9	34.6	51.8
130	32.9	27.1	40.7

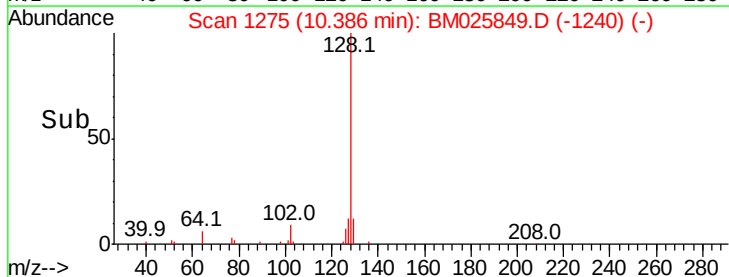
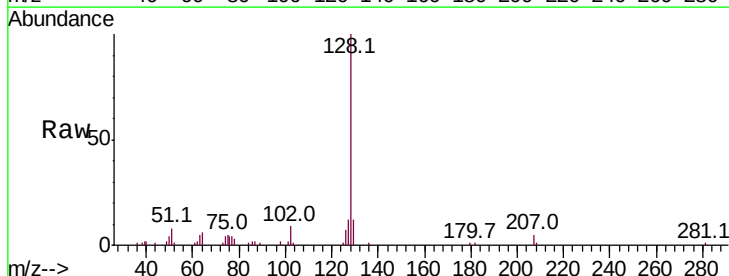
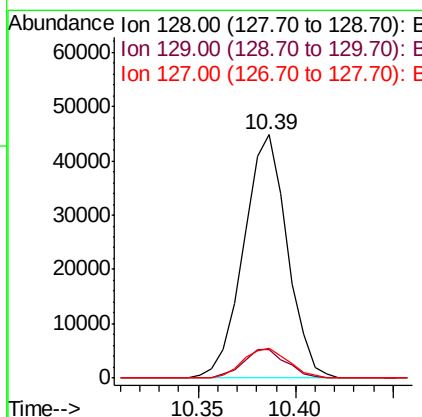
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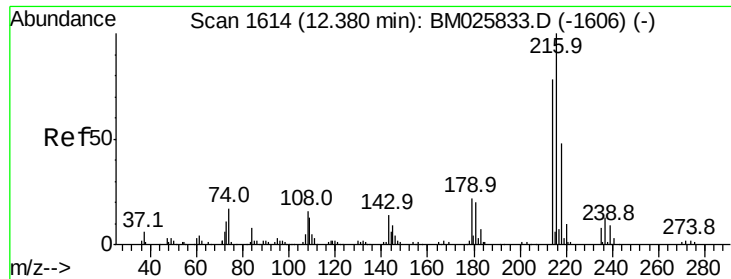
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#28
Naphthalene
Concen: 1.529 ng/ul
RT: 10.39 min Scan# 1275
Delta R.T. 0.01 min
Lab File: BM025849.D
Acq: 27 Mar 2020 21:57

Tgt Ion	128	Resp	69266
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.6	12.8
127	12.4	10.6	15.8





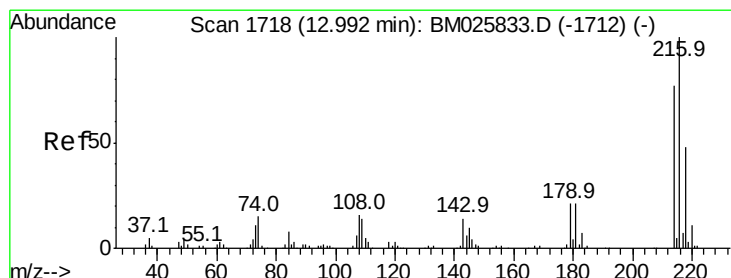
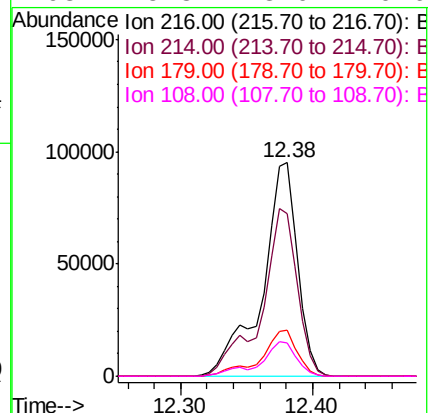
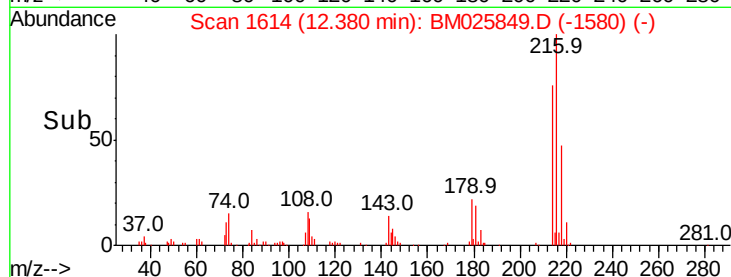
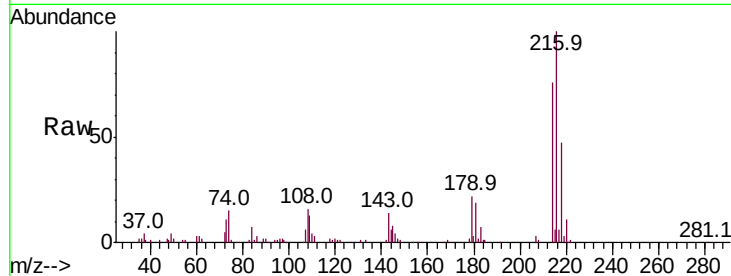
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 11.614 ng/ul m
 RT: 12.38 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BM025849.D
 Acq: 27 Mar 2020 21:57

Instrument :
 BNA_M
 ClientSampleId :
 C0DE4DL

Tot Ion	Ratio	Resp	Lower	Upper
216	100	178578		
214	75.9		61.9	92.9
179	21.6		16.6	24.8
108	15.8		13.0	19.6

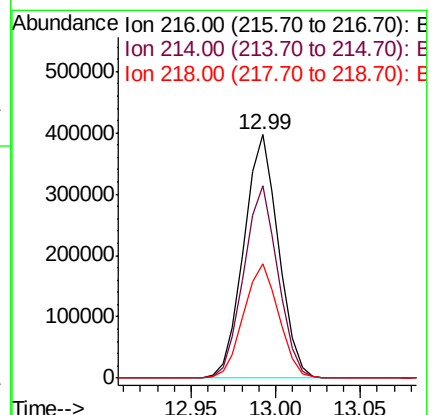
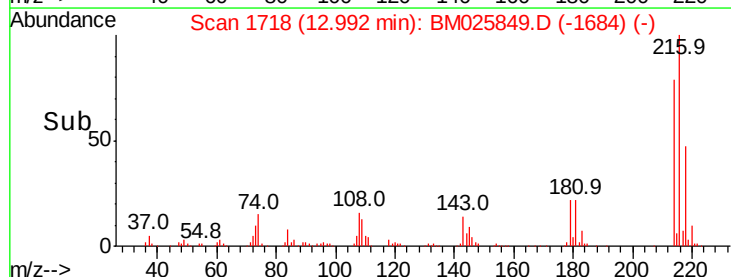
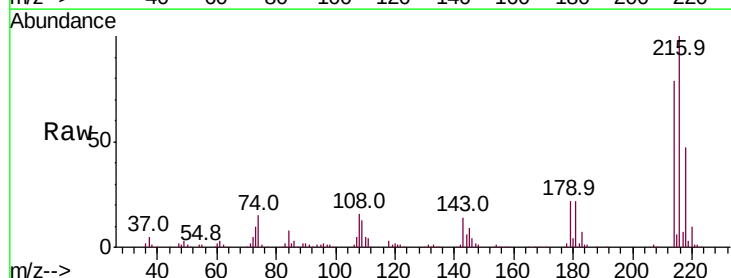
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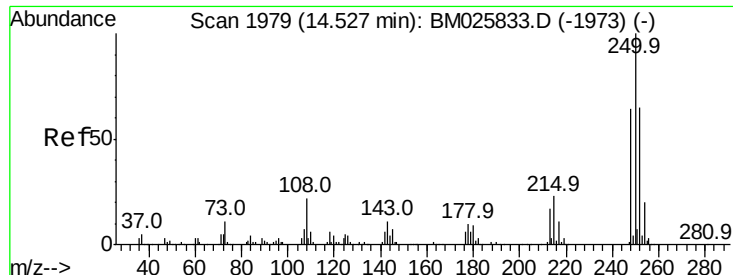
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 34.854 ng/uL
 RT: 12.99 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM025849.D
 Acq: 27 Mar 2020 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	567176		
214	78.9		61.8	92.6
218	47.1		37.3	55.9





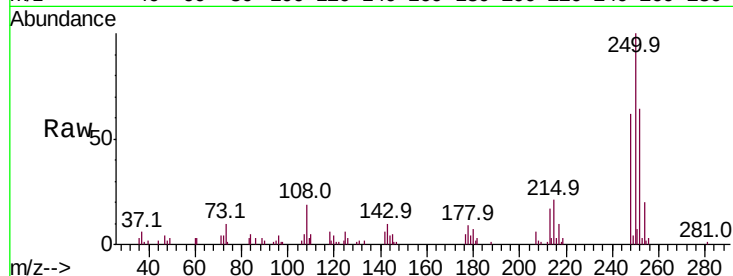
#74
 Pentachlorobenzene
 Concen: 2.582 ng/uL
 RT: 14.53 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BM025849.D
 Acq: 27 Mar 2020 21:57

Instrument :
 BNA_M
 ClientSampleId :
 CODE4DL

Tot Ion:	250	Resp:	46773
Ion Ratio	Lower	Upper	
250	100		
248	62.1	50.3	75.5
252	64.2	51.9	77.9

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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

