

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019351.D
 Acq On : 23 Mar 2019 14:34
 Operator : JU/SJ
 Sample : K2027-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09C8

Manual Integrations
 APPROVED

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 3/26/2019 6:25:29 PM

Quant Time: Mar 24 05:39:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Mar 24 04:53:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	140455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	530935	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.27	164	282570	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	604376	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	665792	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	775696	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	14441	4.03	ng/uL	0.00
5) Phenol-d5	6.80	99	93077	7.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	237113	28.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	249995	26.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	154890	16.50	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	133800	35.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	148515	35.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	255432m	32.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	13126	1.37	ng/ul	0.04
44) Dimethylphthalate-d6	13.69	166	787969	34.56	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	988620	34.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	34027m	9.52	ng/ul	0.08
58) Fluorene-d10	15.27	176	686683	34.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	103196	25.82	ng/ul	0.00
71) Anthracene-d10	17.13	188	1067994	36.82	ng/ul	0.00
79) Pyrene-d10	19.43	212	1164844	37.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	1408998	34.26	ng/ul	-0.01

Target Compounds

					Ovalue
10) 2-Chlorophenol	7.18	128	13176	1.367	ng/ul 96
28) Naphthalene	10.46	128	63847	2.321	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	535835	59.593	ng/ul# 96
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	5680604	648.298	ng/uL 99
74) Pentachlorobenzene	14.59	250	193042	21.062	ng/uL 98

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

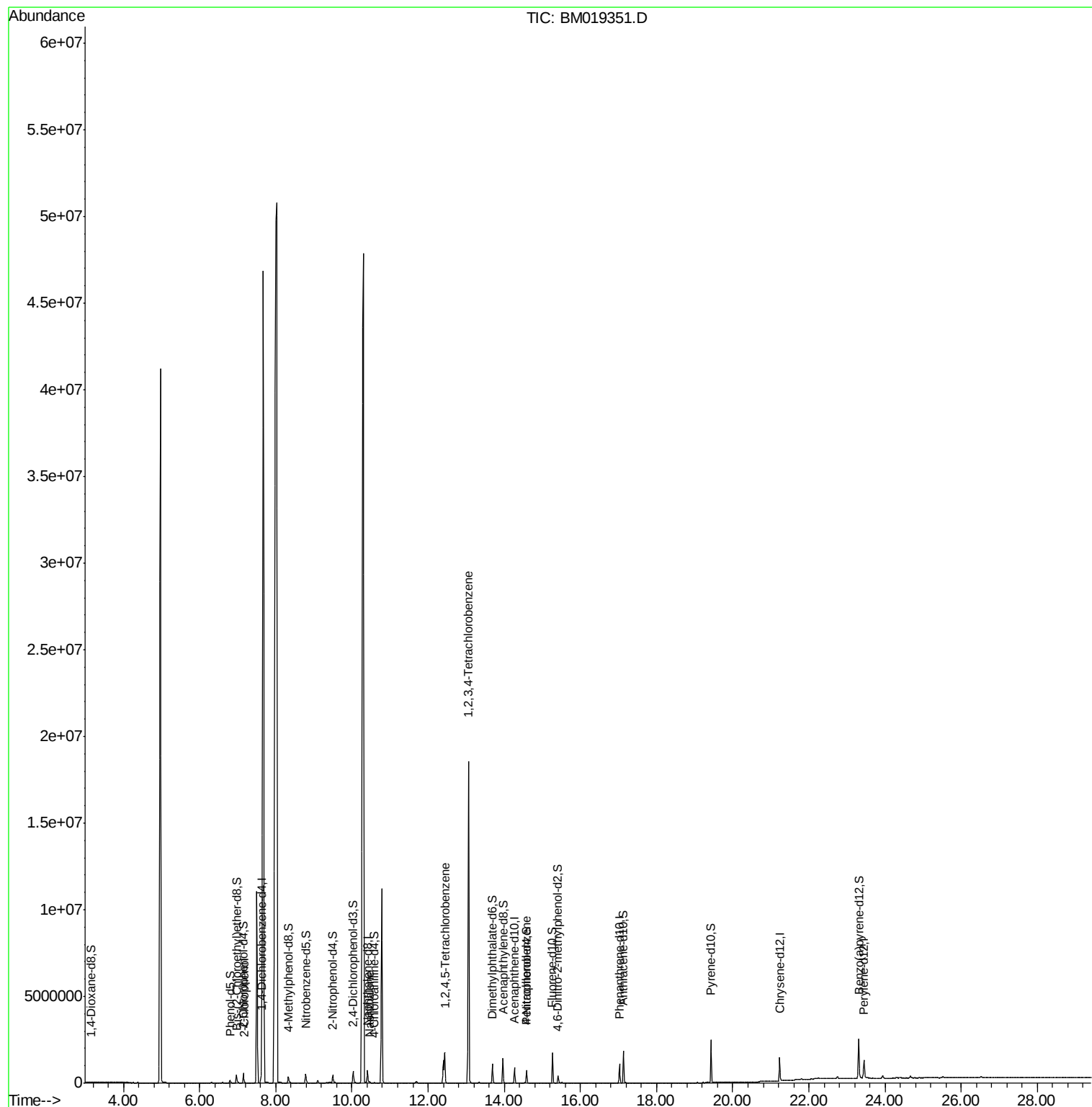
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
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ALS Vial : 9 Sample Multiplier: 1

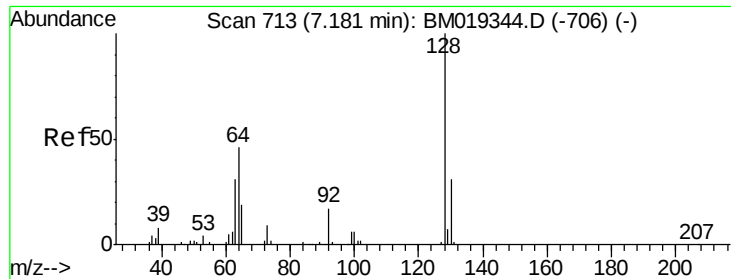
Instrument :
BNA_M
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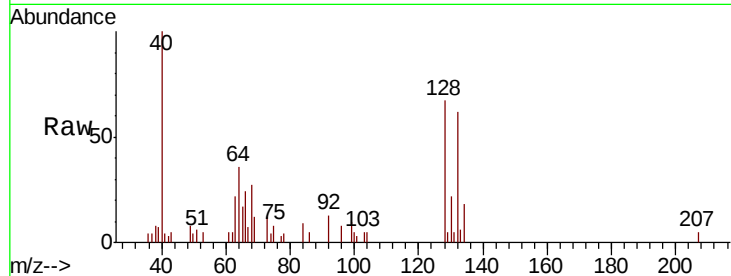
#10
2-Chlorophenol
Concen: 1.367 ng/ul
RT: 7.18 min Scan# 713
Delta R.T. 0.00 min
Lab File: BM019351.D
Acq: 23 Mar 2019 14:34

Instrument :
BNA_M
ClientSampled :
C09C8

Tot Ion	Ratio	Lower	Upper
128	100		
64	54.1	39.8	59.6
130	33.1	25.8	38.8

Manual Integrations
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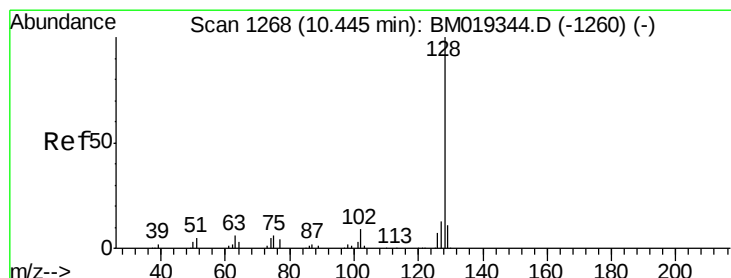
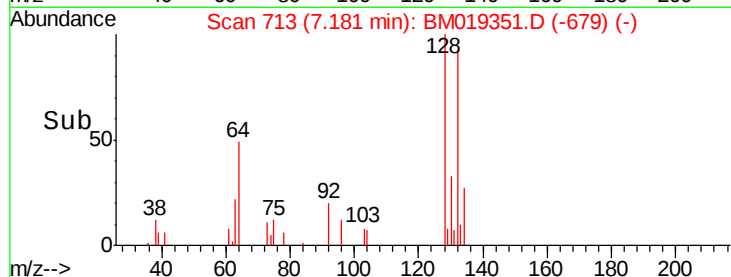
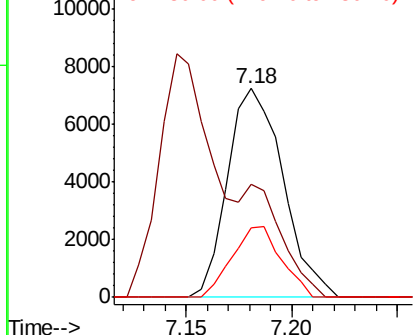


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#28
Naphthalene
Concen: 2.321 ng/ul
RT: 10.46 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BM019351.D
Acq: 23 Mar 2019 14:34

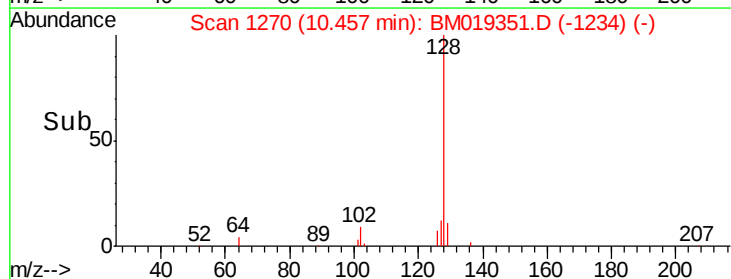
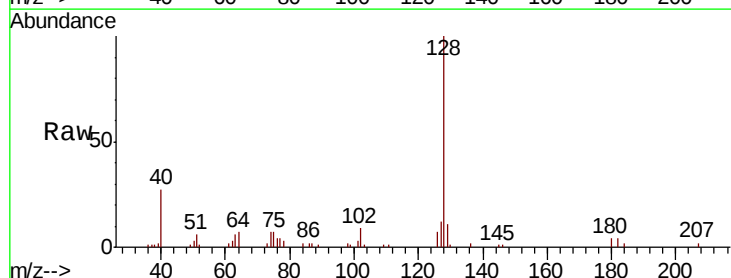
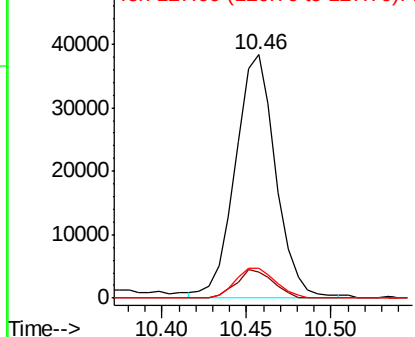
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.2	10.8	16.2

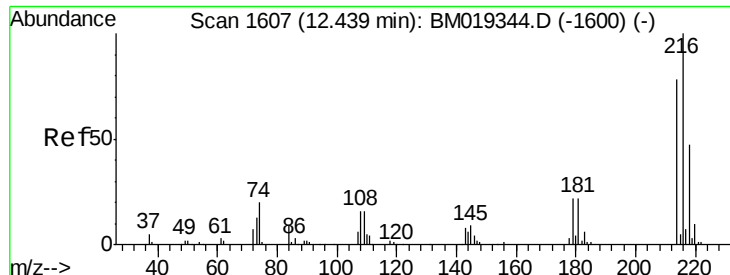
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





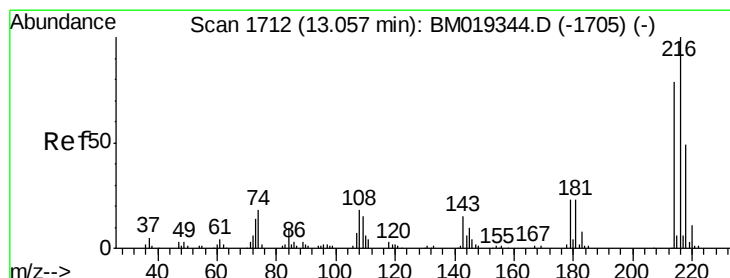
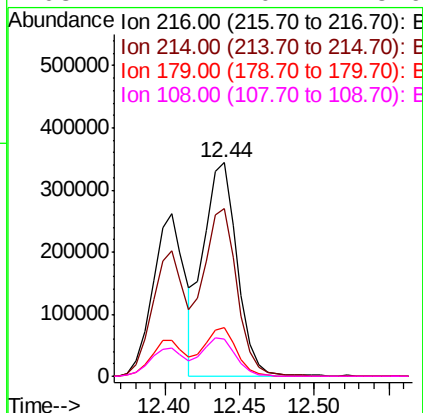
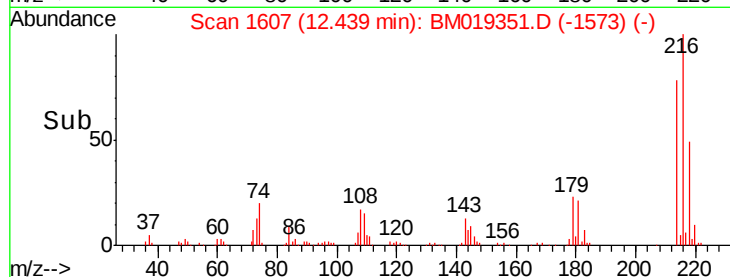
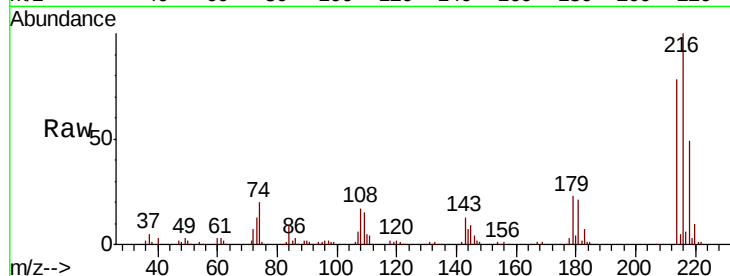
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 59.593 ng/uL
 RT: 12.44 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BM019351.D
 Acq: 23 Mar 2019 14:34

Instrument :
 BNA_M
 ClientSampled :
 C09C8

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.3	64.1	96.1
179	22.6	14.5	21.7
108	17.4	10.4	15.6

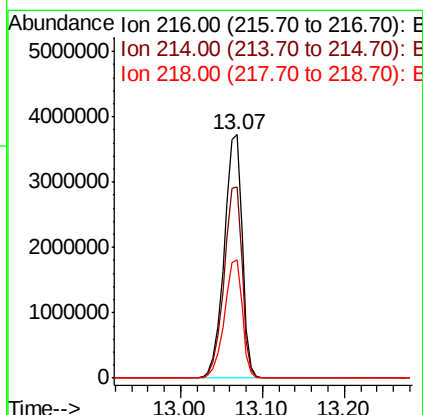
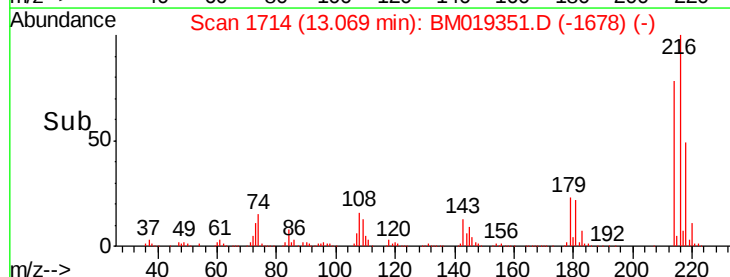
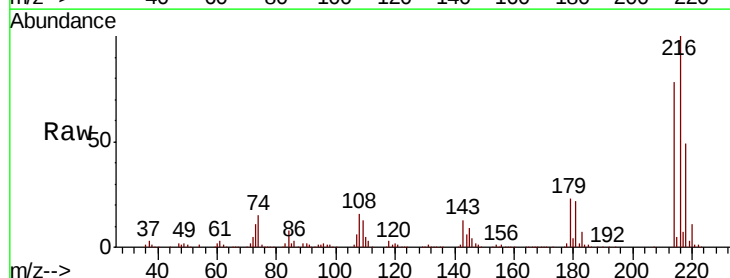
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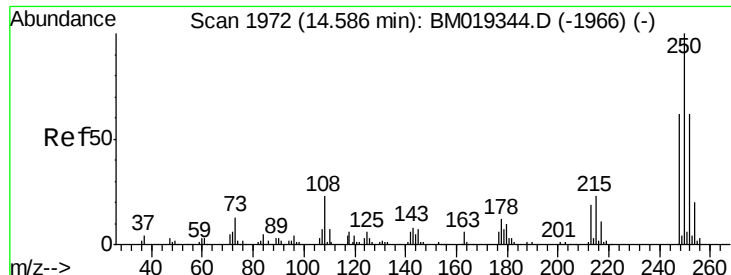
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#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 648.298 ng/uL
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM019351.D
 Acq: 23 Mar 2019 14:34

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	64.1	96.1
218	48.7	39.4	59.0





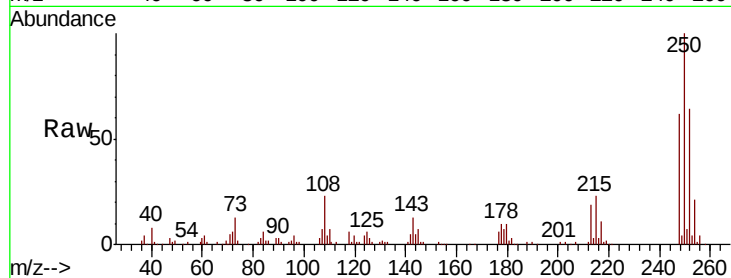
#74
 Pentachlorobenzene
 Concen: 21.062 ng/uL
 RT: 14.59 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: BM019351.D
 Acq: 23 Mar 2019 14:34

Instrument :
 BNA_M
 ClientSampleId :
 C09C8

Tot Ion	Ratio	Resp Lower	Upper
250	100		
248	62.5	51.4	77.2
252	63.9	49.8	74.6

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

