

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011618.D
 Acq On : 19 Sep 2017 23:28
 Operator : SJ/JU
 Sample : I5271-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ5

Manual Integrations
 APPROVED

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 9/20/2017 5:54:41 PM

Quant Time: Sep 20 07:18:41 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 05:31:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	357919	20.00	ng/ul	0.03
18) Naphthalene-d8	10.79	136	1534246	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.60	164	884463	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1968655	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2139873	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2048539	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	35368	4.45	ng/uL	0.00
5) Phenol-d5	7.12	99	174064	5.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	674404	29.12	ng/ul	0.02
9) 2-Chlorophenol-d4	7.50	132	578449	22.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.67	113	348322	12.98	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	382445	32.84	ng/ul	0.01
22) 2-Nitrophenol-d4	9.86	143	415771	34.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	693618	28.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	30489	1.13	ng/ul	0.01
44) Dimethylphthalate-d6	14.00	166	2467786	33.00	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2978139	32.93	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	65876m	4.69	ng/ul	0.00
58) Fluorene-d10	15.59	176	2132001	32.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	355063	31.00	ng/ul	0.00
71) Anthracene-d10	17.43	188	3409452	35.17	ng/ul	0.00
79) Pyrene-d10	19.72	212	3814362	38.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	3497054	35.82	ng/ul	0.00

Target Compounds

					Qvalue	
20) Nitrobenzene	9.19	77	10733242	391.919	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	1384043	52.753	ng/ul#	96
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	3490720	133.065	ng/uL	98
74) Pentachlorobenzene	14.91	250	85783	3.224	ng/uL	98

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

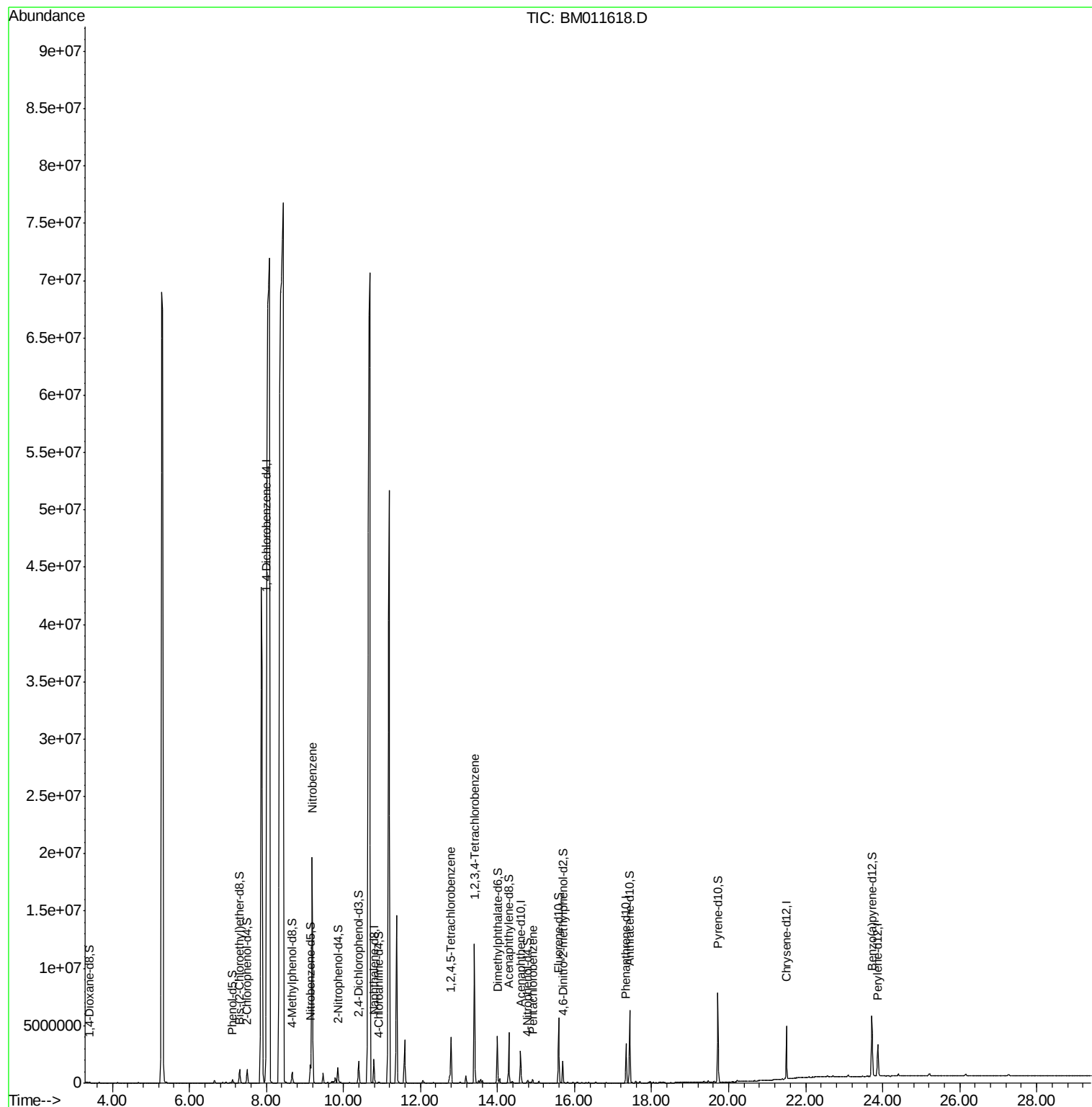
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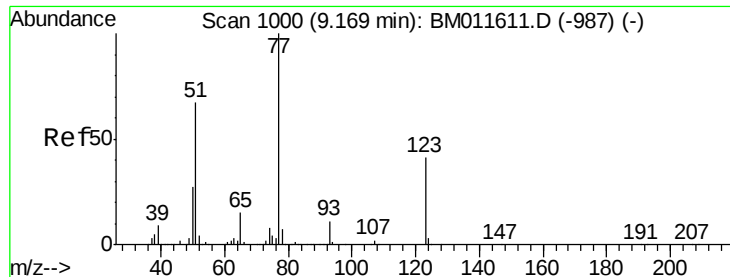
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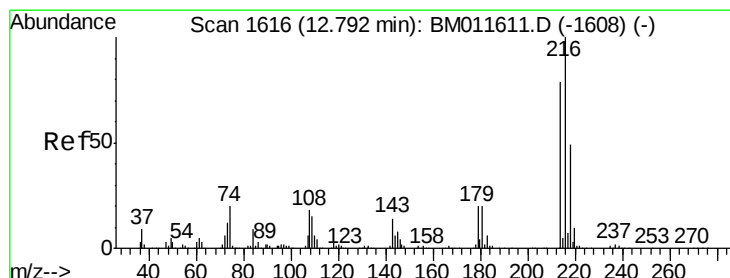
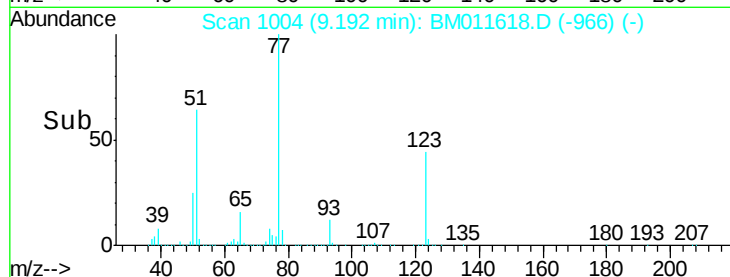
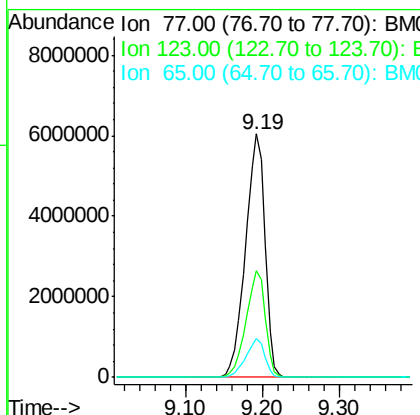
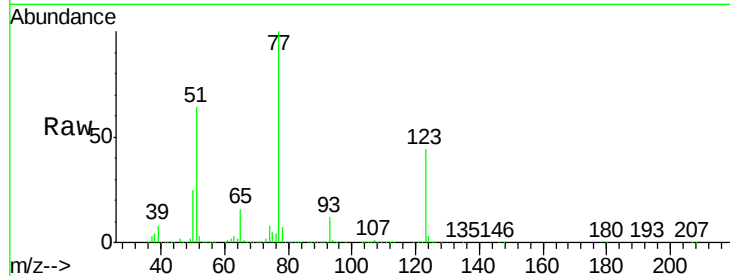
#20
Nitrobenzene
Concen: 391.919 ng/ul
RT: 9.19 min Scan# 1004
Delta R.T. 0.02 min
Lab File: BM011618.D
Acq: 19 Sep 2017 23:28

Instrument :
BNA_M
ClientSampleId :
C0AJ5

Tgt Ion: 77 Resp:10733242
Ion Ratio Lower Upper
77 100
123 43.6 31.8 47.8
65 15.7 10.6 16.0

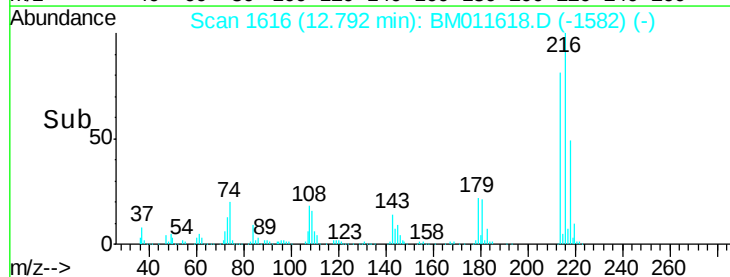
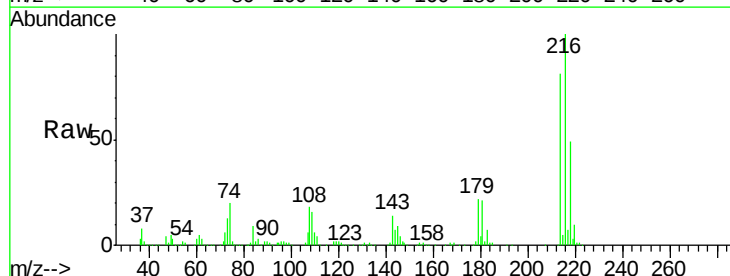
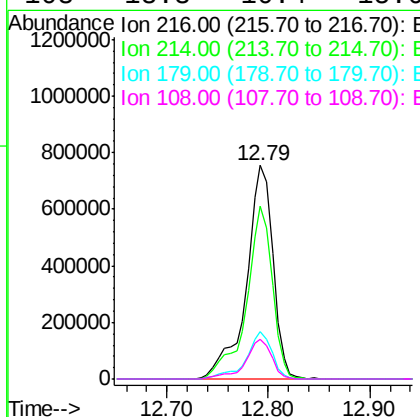
Manual Integrations
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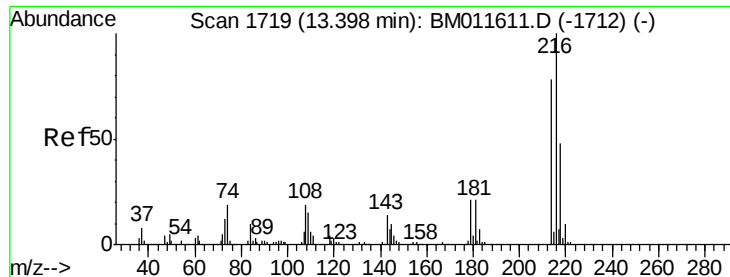
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 52.753 ng/ul
RT: 12.79 min Scan# 1616
Delta R.T. -0.00 min
Lab File: BM011618.D
Acq: 19 Sep 2017 23:28

Tgt Ion:216 Resp: 1384043
Ion Ratio Lower Upper
216 100
214 81.2 64.1 96.1
179 22.0 14.5 21.7#
108 18.3 10.4 15.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 133.065 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BM011618.D

Acq: 19 Sep 2017 23:28

Instrument :

BNA_M

ClientSampled :

C0AJ5

Tgt Ion:216 Resp: 3490720

Ion Ratio Lower Upper

216 100

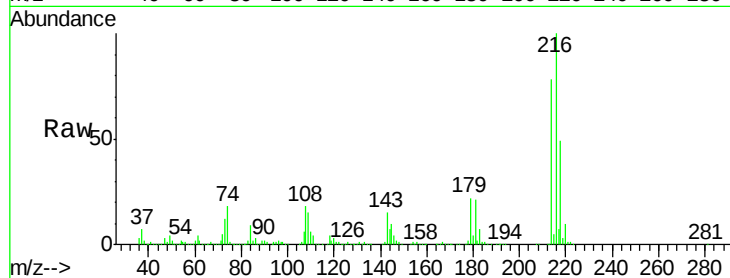
214 77.6 64.1 96.1

218 48.9 39.4 59.0

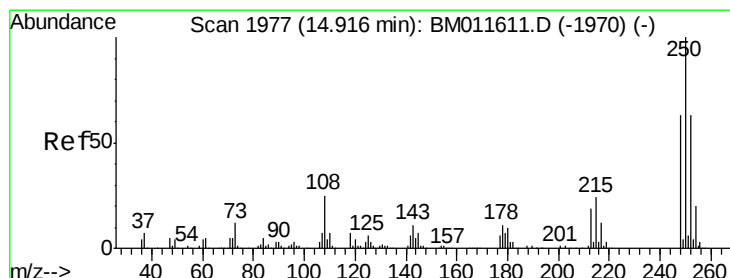
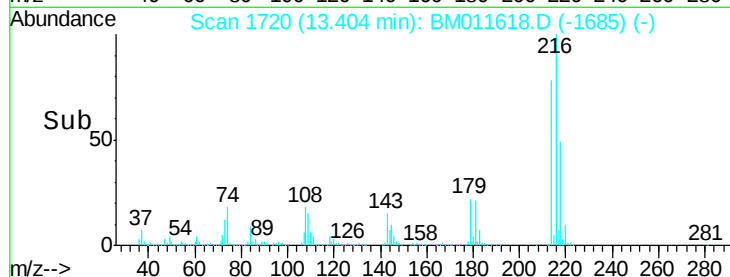
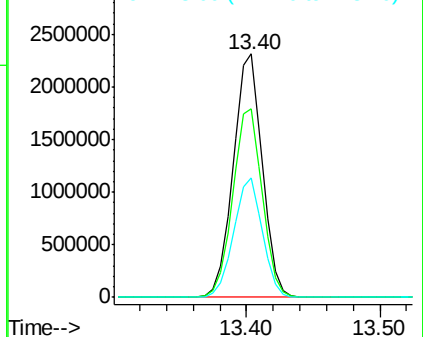
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 3.224 ng/uL

RT: 14.91 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM011618.D

Acq: 19 Sep 2017 23:28

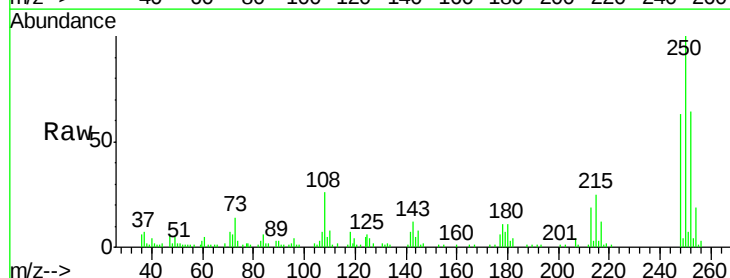
Tgt Ion:250 Resp: 85783

Ion Ratio Lower Upper

250 100

248 63.1 51.4 77.2

252 63.7 49.8 74.6



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

