

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM091417\
 Data File : BM011560.D
 Acq On : 15 Sep 2017 02:42
 Operator : SJ/JU
 Sample : I5191-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:46:47 PM

Quant Time: Sep 15 04:23:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 15 02:27:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	396748	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1645969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	945226	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2069154	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2153316	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	2037728	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	12485	1.42	ng/uL	0.00
5) Phenol-d5	7.12	99	226407	5.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	831265	32.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	709808	24.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	435040	14.63	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	445961	35.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	462393	35.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	790825	30.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	49395	1.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2904596	36.35	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	3434561	35.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	75912m	5.05	ng/ul	0.00
58) Fluorene-d10	15.59	176	2495318	36.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	356072	29.57	ng/ul	0.00
71) Anthracene-d10	17.44	188	4032698	39.58	ng/ul	0.00
79) Pyrene-d10	19.73	212	4469257	44.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	3781243	38.94	ng/ul	0.00

Target Compounds

					Ovalue
20) Nitrobenzene	9.18	77	705855	24.024 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	496097m	17.693 ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	1834962	66.551 ng/uL	99
74) Pentachlorobenzene	14.92	250	89945	3.216 ng/uL	96

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

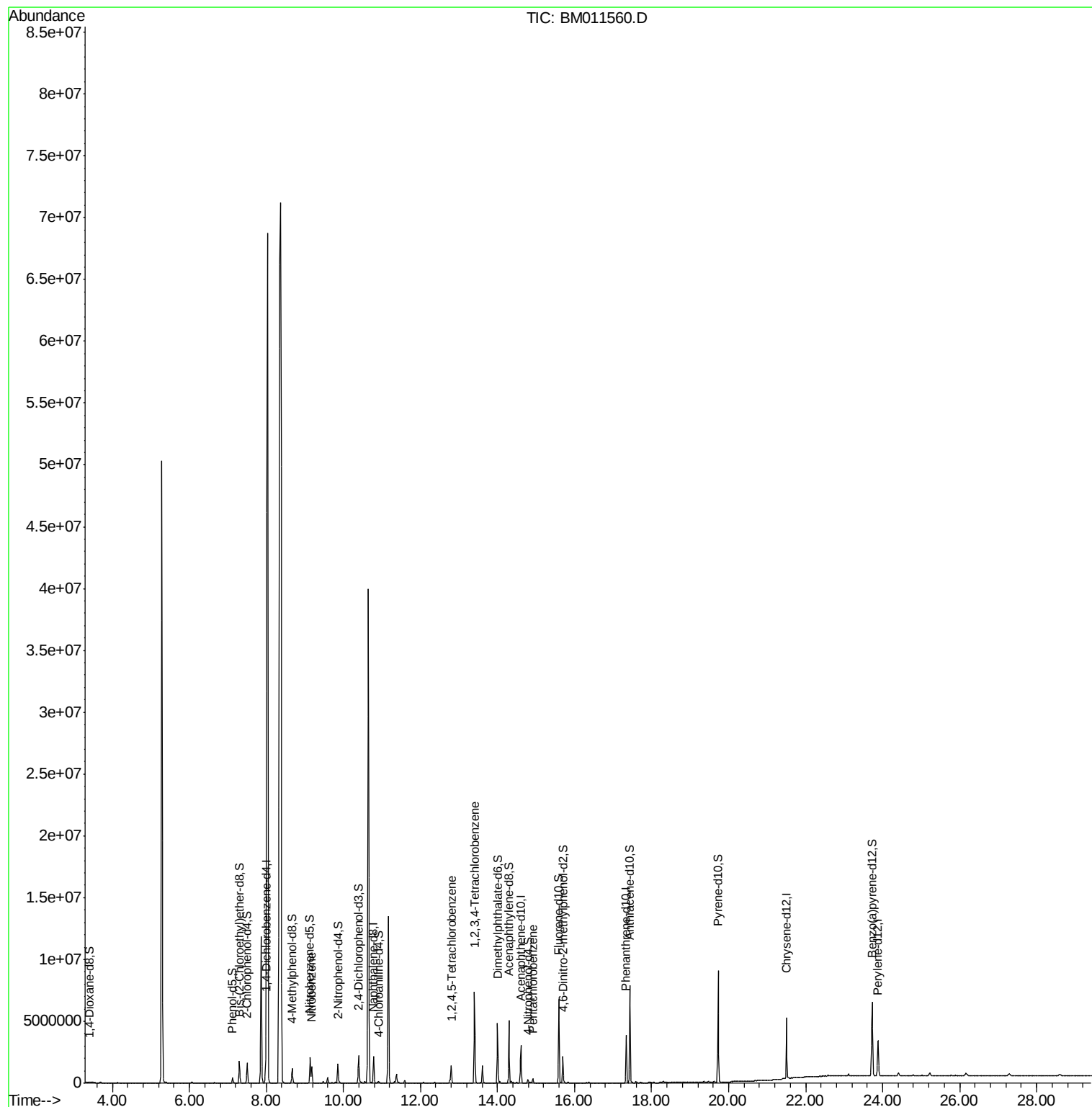
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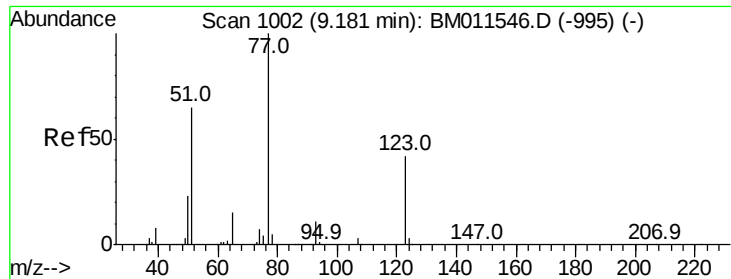
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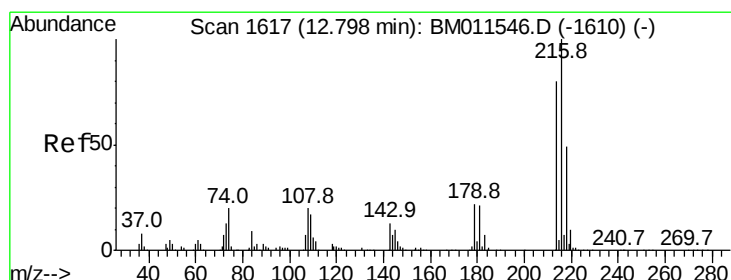
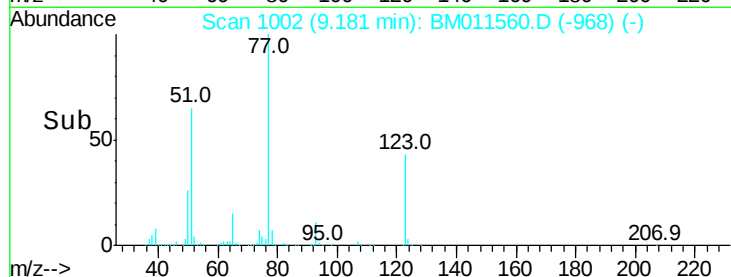
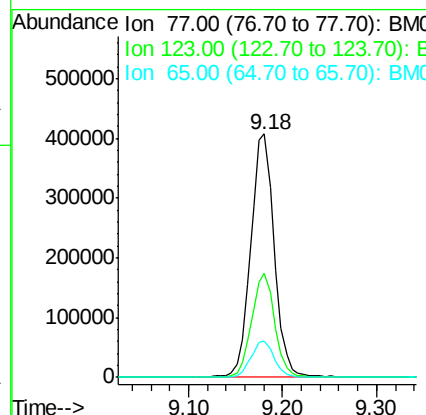
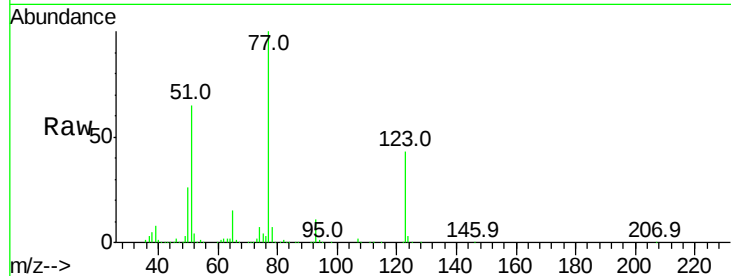
#20
Nitrobenzene
Concen: 24.024 ng/ul
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BM011560.D
Acq: 15 Sep 2017 02:42

Instrument :
BNA_M
ClientSampled :
C0AF2

Tot Ion	Ratio	Lower	Upper
77	100		
123	42.7	31.8	47.8
65	14.6	10.6	16.0

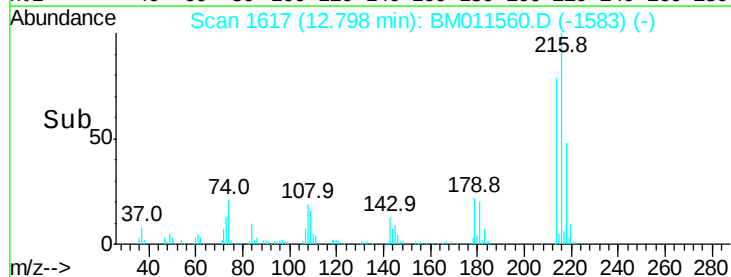
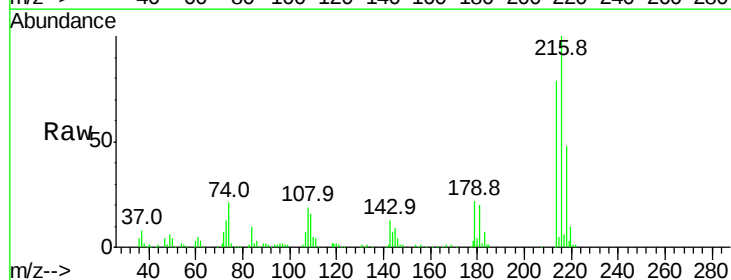
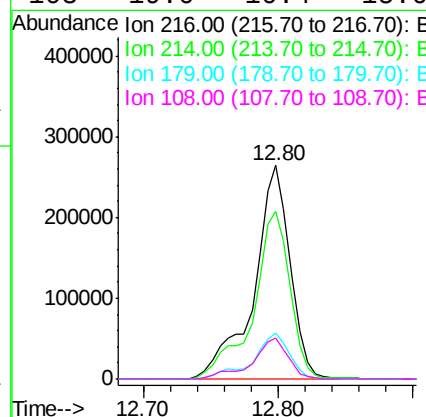
Manual Integrations
APPROVED

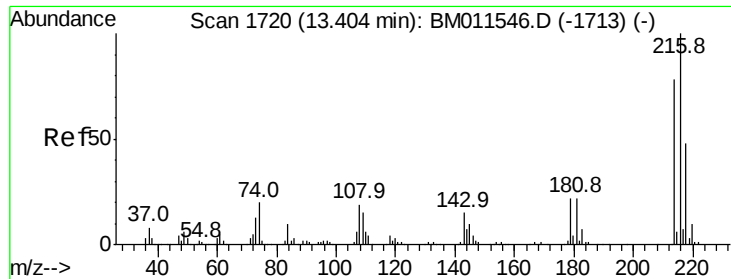
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 17.693 ng/ul m
RT: 12.80 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BM011560.D
Acq: 15 Sep 2017 02:42

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	64.1	96.1
179	21.8	14.5	21.7#
108	19.0	10.4	15.6#





#73

1,2,3,4-Tetrachlorobenzene

Concen: 66.551 ng/uL

RT: 13.40 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BM011560.D

Acq: 15 Sep 2017 02:42

Instrument :

BNA_M

ClientSampleId :

C0AF2

Tot Ion:216 Resp: 1834962

Ion Ratio Lower Upper

216 100

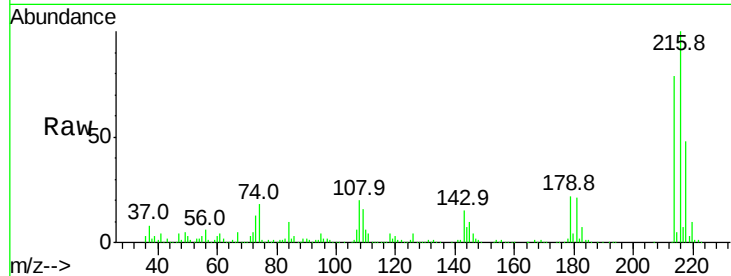
214 79.0 64.1 96.1

218 48.3 39.4 59.0

Manual Integrations
APPROVED

Sohil

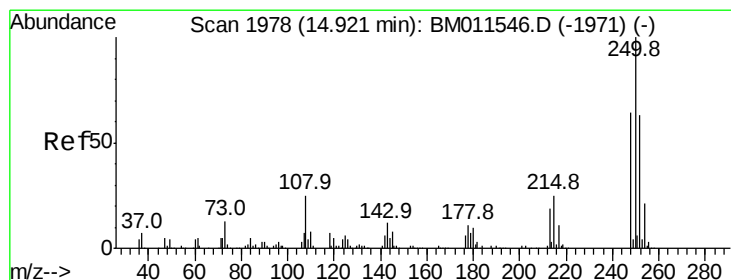
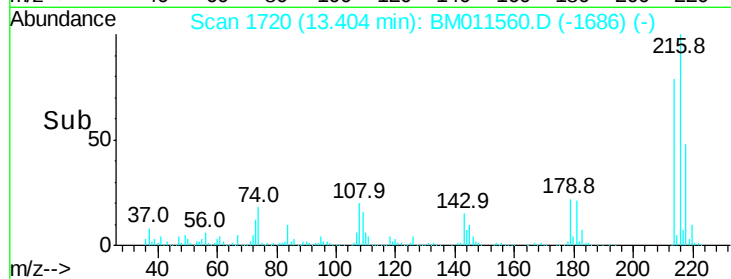
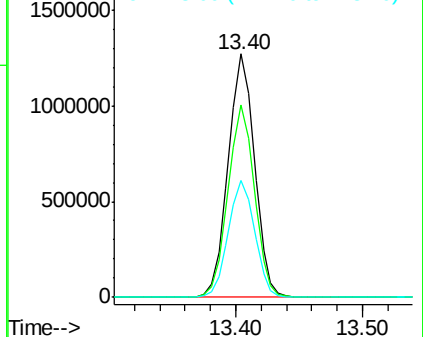
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Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 3.216 ng/uL

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM011560.D

Acq: 15 Sep 2017 02:42

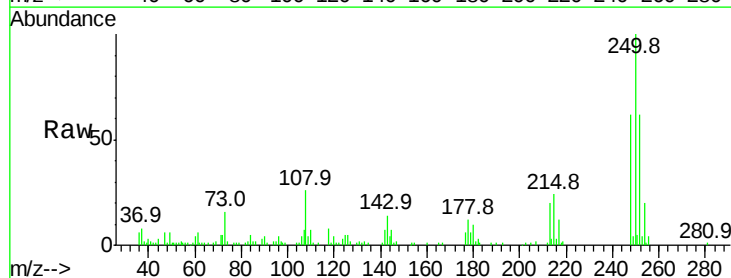
Tgt Ion:250 Resp: 89945

Ion Ratio Lower Upper

250 100

248 62.1 51.4 77.2

252 66.4 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

