

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
 Data File : BM016808.D
 Acq On : 19 Sep 2018 22:26
 Operator : SJ/JU
 Sample : J4896-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C08N1

Manual Integrations
 APPROVED

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Quant Time: Sep 20 04:09:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 20 03:06:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	317243	20.00	ng/ul	0.01
18) Naphthalene-d8	10.52	136	1315799	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.36	164	715460	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1581501	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1802569	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1927708	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	65451	8.82	ng/uL	0.00
5) Phenol-d5	6.89	99	586754	21.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	370437	22.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	501376	22.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	472375	22.81	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	231624	26.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	225920	28.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	455087	22.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	587431	24.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1332315	23.19	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1595421	21.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	223794	23.74	ng/ul	0.00
58) Fluorene-d10	15.36	176	1183974	23.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	146253	22.53	ng/ul	0.00
71) Anthracene-d10	17.21	188	1832845	24.02	ng/ul	0.00
79) Pyrene-d10	19.50	212	2102393	24.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2448937	24.35	ng/ul	0.00
Target Compounds						
20) Nitrobenzene	8.92	77	94685	4.330	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	793810m	32.306	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	2618297	100.030	ng/uL	98
74) Pentachlorobenzene	14.67	250	137893	5.840	ng/uL	97

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

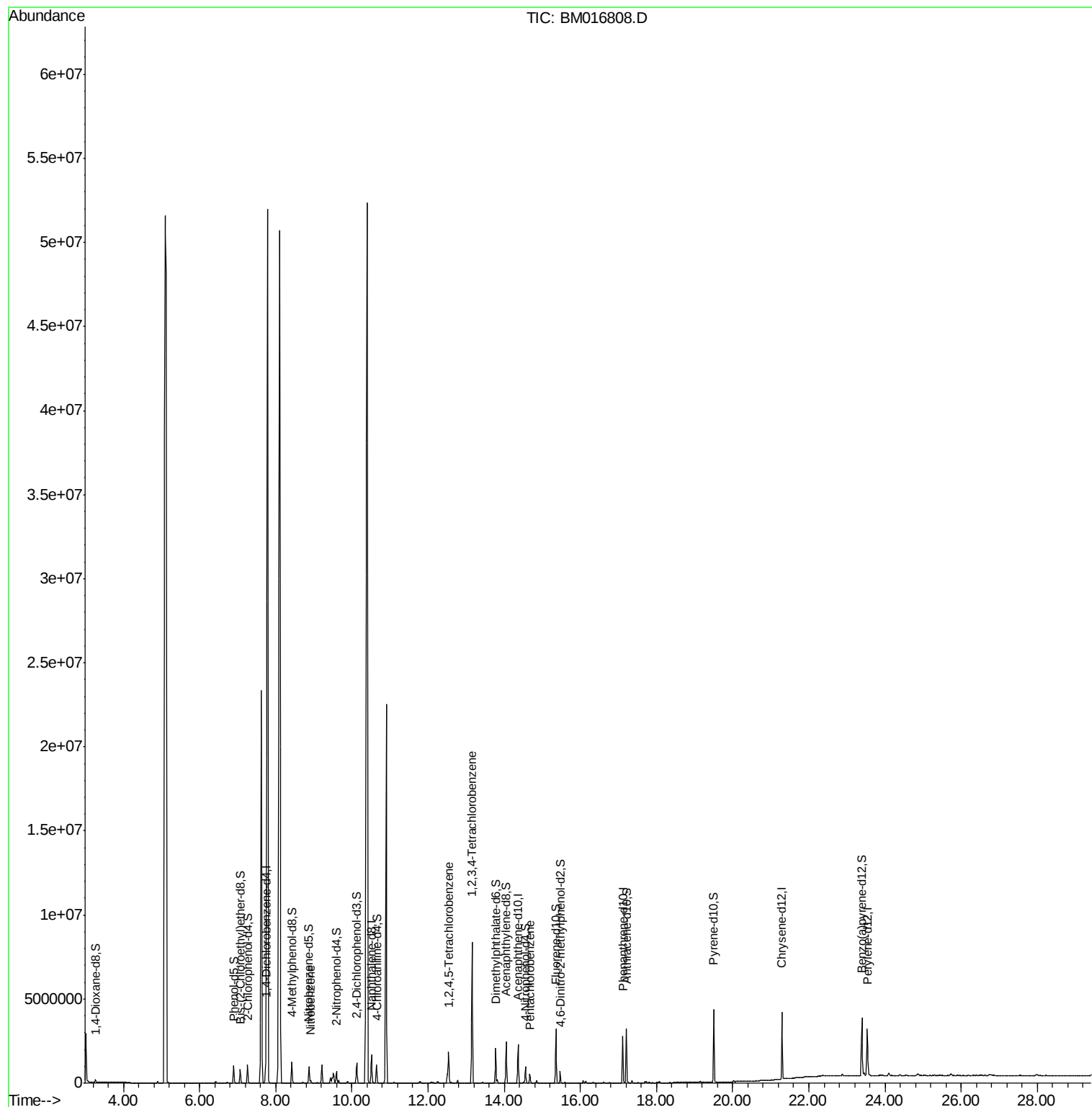
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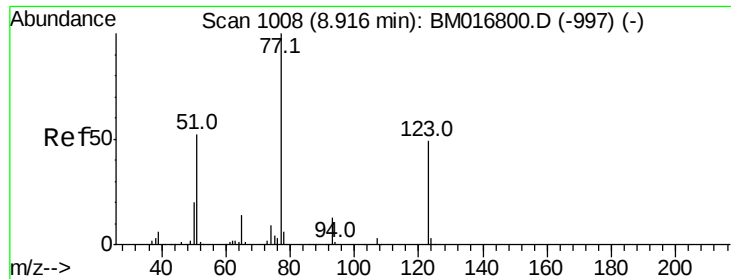
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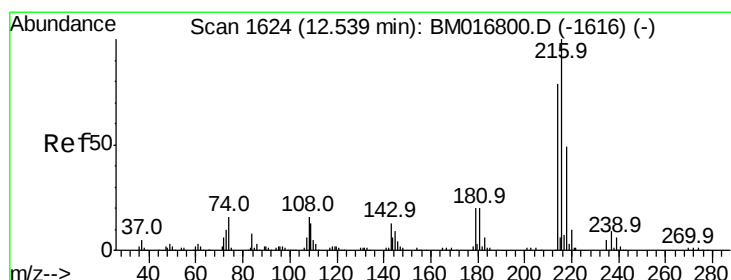
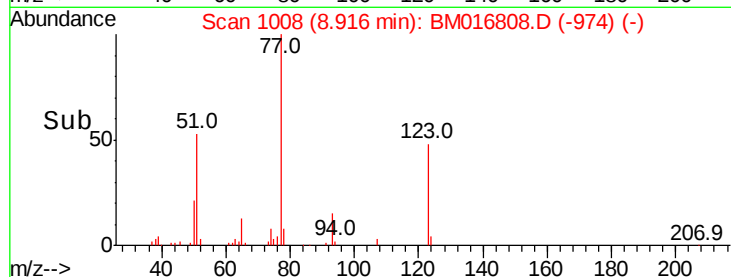
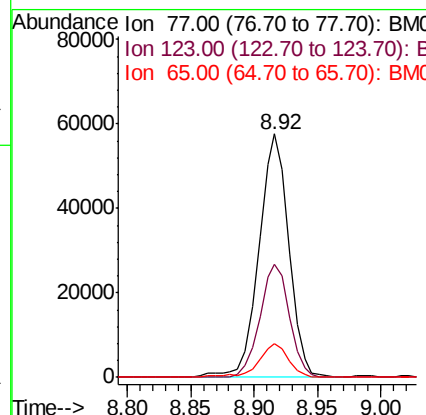
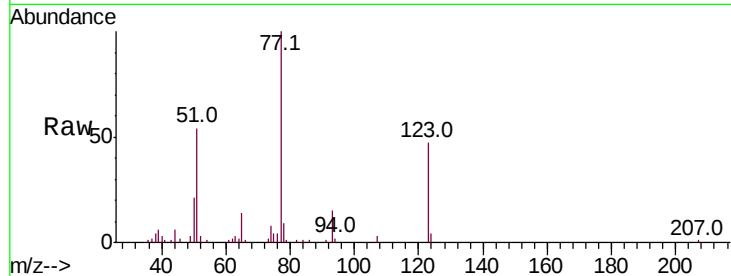
#20
Nitrobenzene
Concen: 4.330 ng/ul
RT: 8.92 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BM016808.D
Acq: 19 Sep 2018 22:26

Instrument :
BNA_M
ClientSampled :
C08N1

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.6	31.8	47.8
65	13.7	10.6	16.0

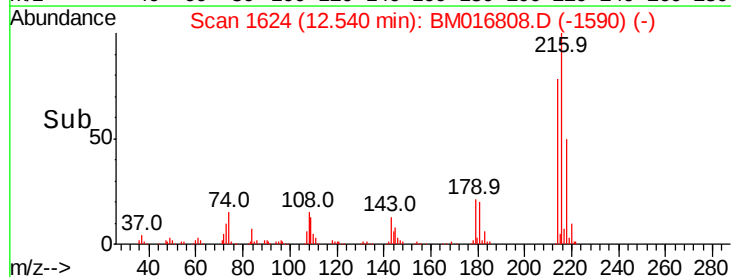
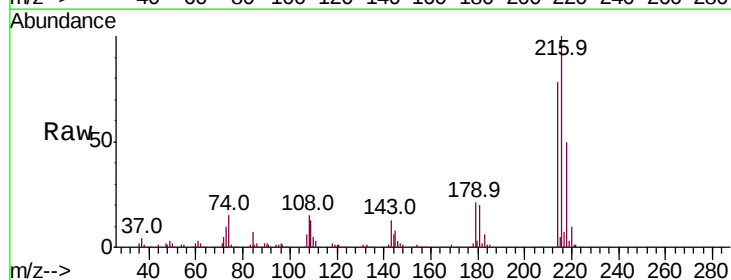
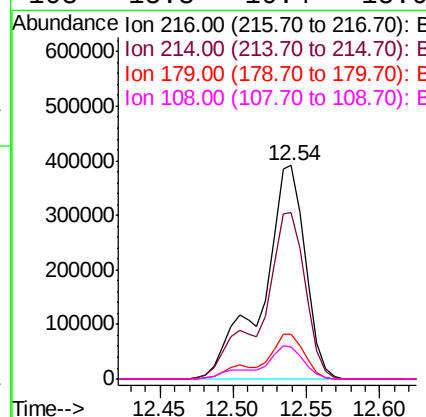
Manual Integrations
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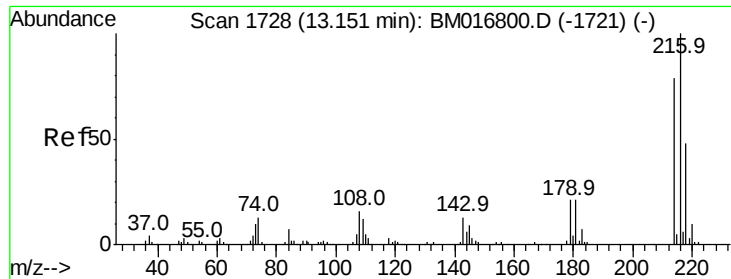
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#37
1,2,4,5-Tetrachlorobenzene
Concen: 32.306 ng/ul m
RT: 12.54 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BM016808.D
Acq: 19 Sep 2018 22:26

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	64.1	96.1
179	20.7	14.5	21.7
108	15.3	10.4	15.6





#73

1,2,3,4-Tetrachlorobenzene

Concen: 100.030 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BM016808.D

Acq: 19 Sep 2018 22:26

Instrument :

BNA_M

ClientSampled :

C08N1

Tot Ion:216 Resp: 2618297

Ion Ratio Lower Upper

216 100

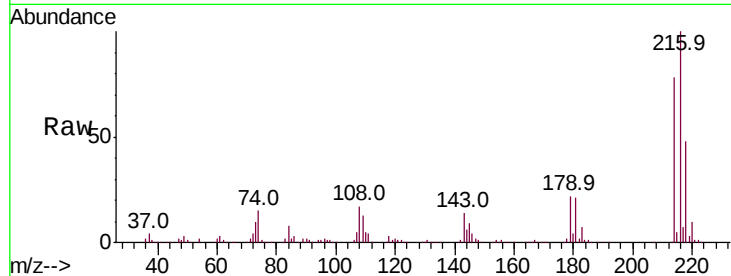
214 78.4 64.1 96.1

218 47.6 39.4 59.0

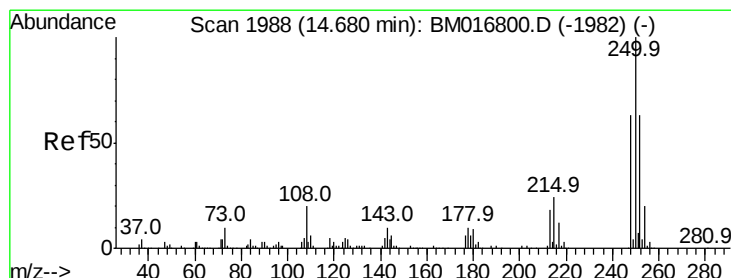
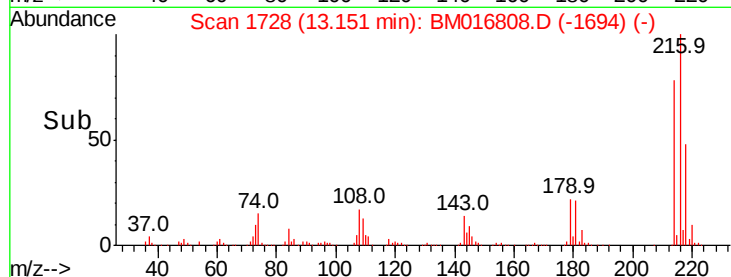
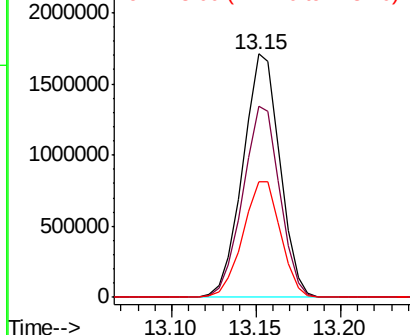
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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 218.00 (217.70 to 218.70): E



#74

Pentachlorobenzene

Concen: 5.840 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM016808.D

Acq: 19 Sep 2018 22:26

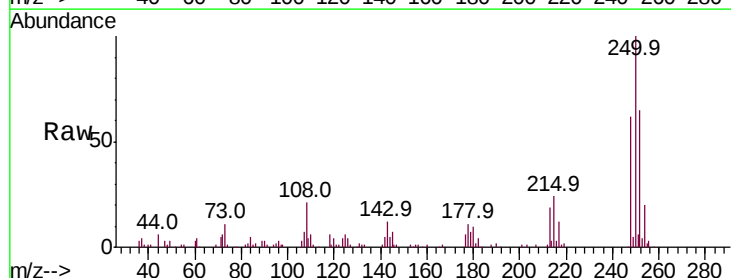
Tgt Ion:250 Resp: 137893

Ion Ratio Lower Upper

250 100

248 61.6 51.4 77.2

252 64.7 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

