

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
 Data File : BM016805.D
 Acq On : 19 Sep 2018 20:38
 Operator : SJ/JU
 Sample : J4896-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 20 03:07:10 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	295338	20.00	ng/ul	0.01
18) Naphthalene-d8	10.51	136	1210097	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	646426	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	1471036	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	1652618	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1757114	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	59123	8.56	ng/uL	0.00
5) Phenol-d5	6.89	99	527102	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	333187	21.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	449363	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	428628	22.24	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	205155	25.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	199517	27.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	403454	21.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	405099	18.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1230807	23.71	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1435385	21.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	205891	24.17	ng/ul	0.00
58) Fluorene-d10	15.36	176	1074841	23.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	134007	22.19	ng/ul	0.00
71) Anthracene-d10	17.21	188	1729623	24.37	ng/ul	0.00
79) Pyrene-d10	19.50	212	1978264	24.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2288157	24.96	ng/ul	0.00

Target Compounds

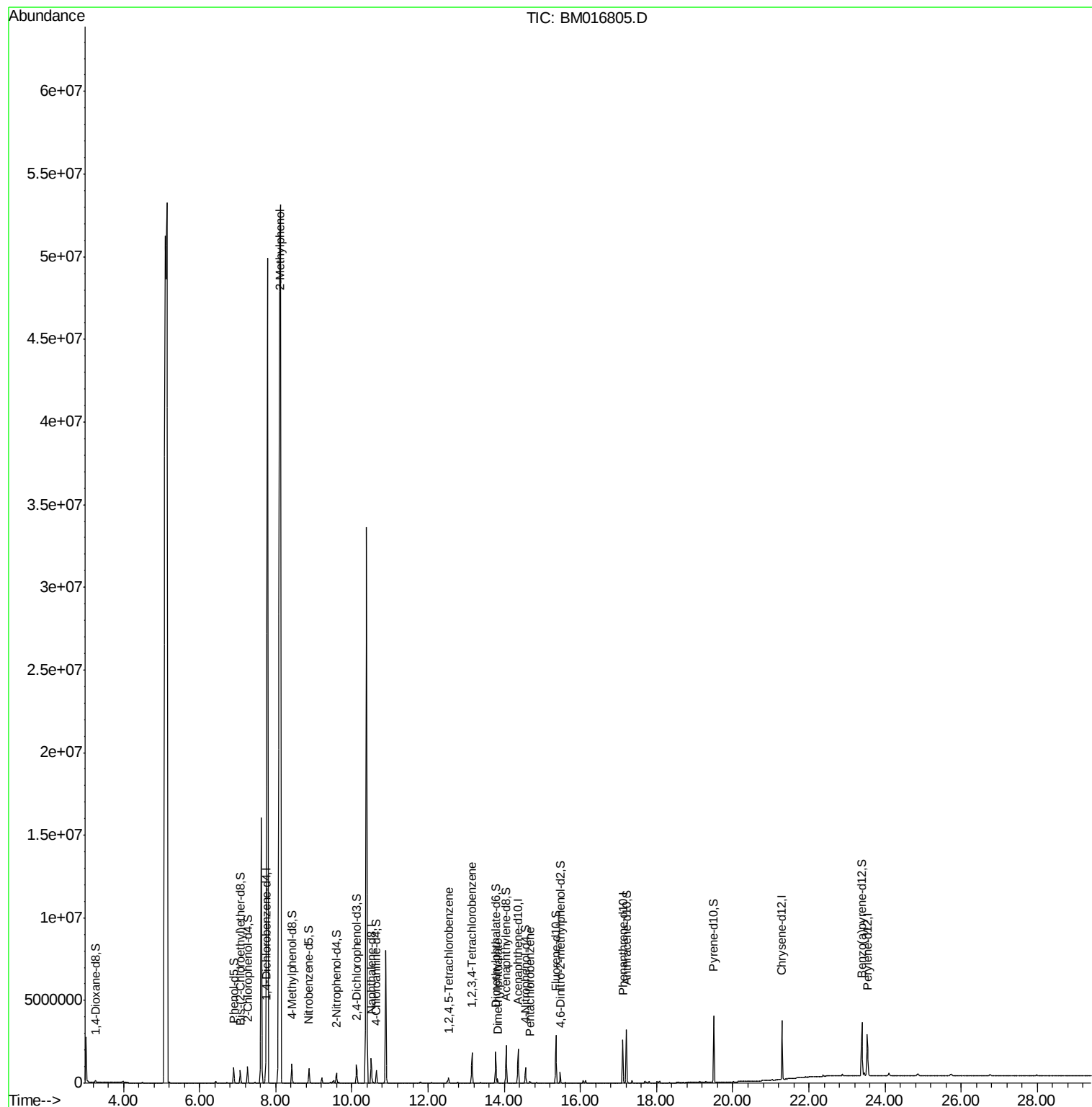
					Ovalue	
11) 2-Methylphenol	8.12	108	353537	18.971	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	106375	4.792	ng/ul	98
45) Dimethylphthalate	13.82	163	132717	2.616	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	574735	23.606	ng/uL	98
74) Pentachlorobenzene	14.67	250	30750	1.400	ng/uL	94

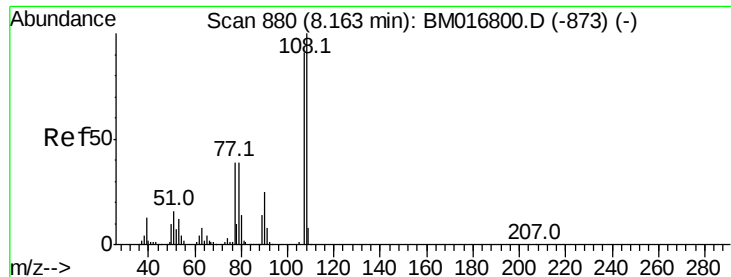
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 18.971 ng/ul

RT: 8.12 min Scan# 873

Delta R.T. -0.04 min

Lab File: BM016805.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_M

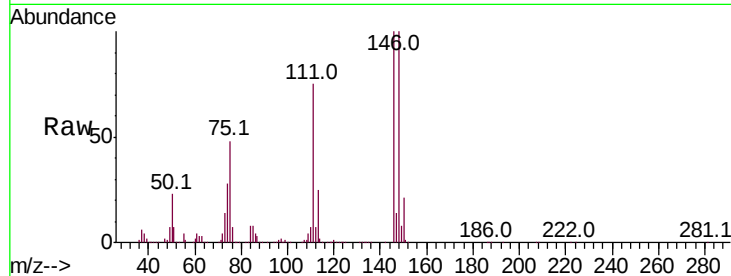
ClientSampled :

Tot Ion:108 Resp: 353537

Ion Ratio Lower Upper

108 100

107 87.6 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.12

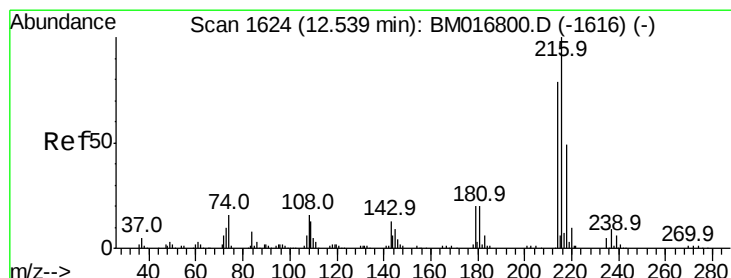
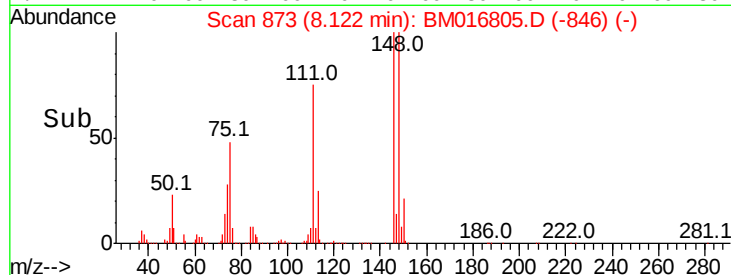
100000

50000

0

Time-->

8.00 8.05 8.10 8.15



#37

1,2,4,5-Tetrachlorobenzene

Concen: 4.792 ng/ul

RT: 12.54 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BM016805.D

Acq: 19 Sep 2018 20:38

Tgt Ion:216 Resp: 106375

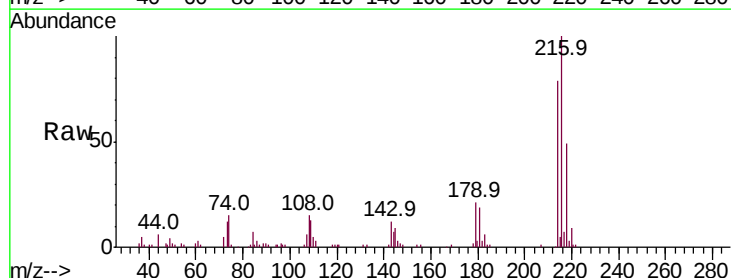
Ion Ratio Lower Upper

216 100

214 79.1 64.1 96.1

179 20.8 14.5 21.7

108 15.3 10.4 15.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

100000

80000

60000

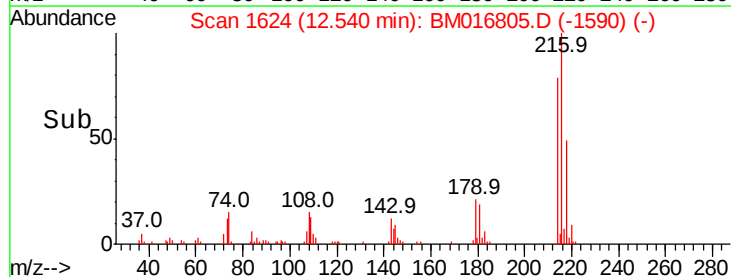
40000

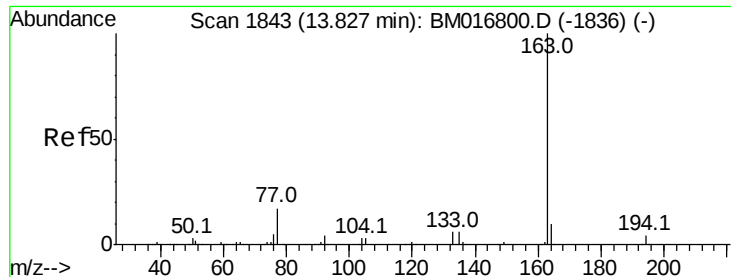
20000

0

Time-->

12.50 12.55





#45

Dimethylphthalate

Concen: 2.616 ng/ul

RT: 13.82 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BM016805.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_M

ClientSampleId :

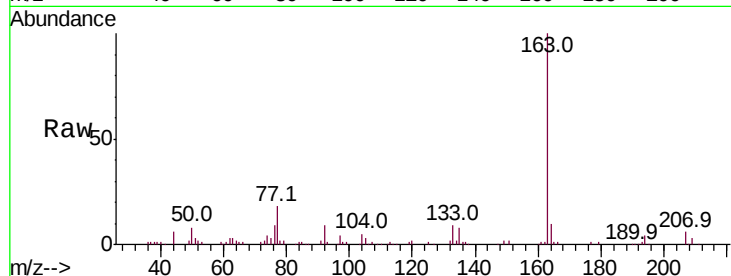
Tot Ion:163 Resp: 132717

Ion Ratio Lower Upper

163 100

194 4.5 4.0 6.0

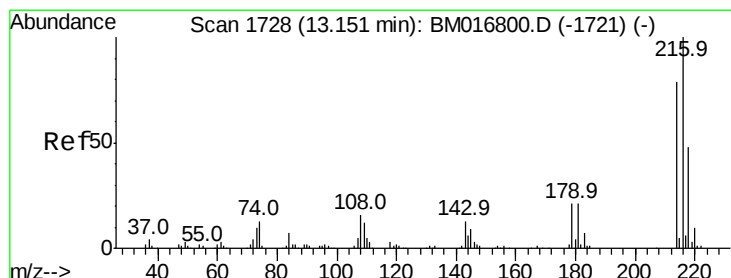
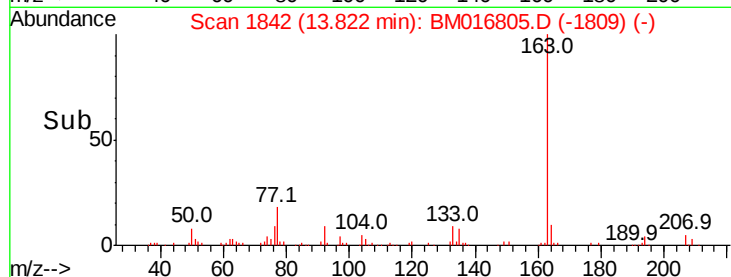
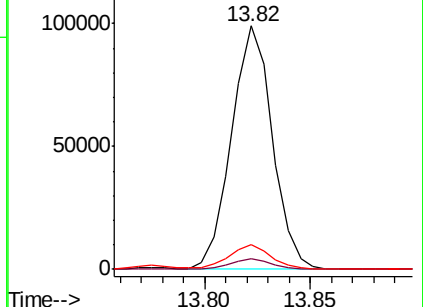
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 23.606 ng/uL

RT: 13.15 min Scan# 1728

Delta R.T. 0.00 min

Lab File: BM016805.D

Acq: 19 Sep 2018 20:38

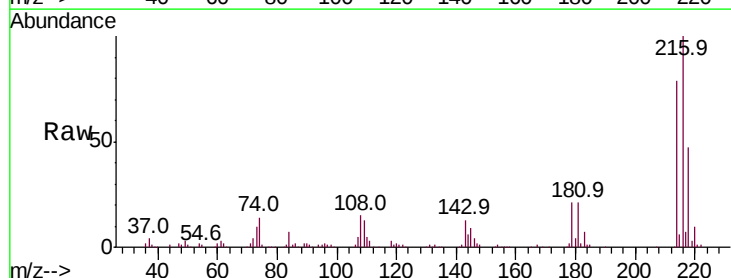
Tgt Ion:216 Resp: 574735

Ion Ratio Lower Upper

216 100

214 79.4 64.1 96.1

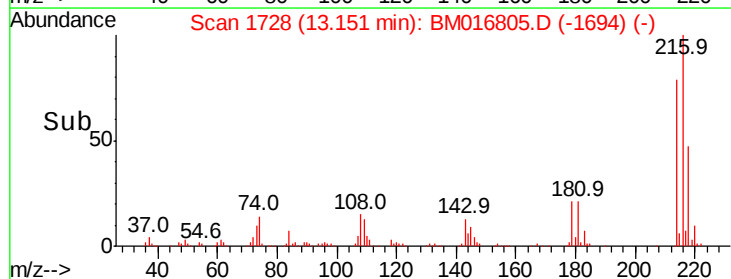
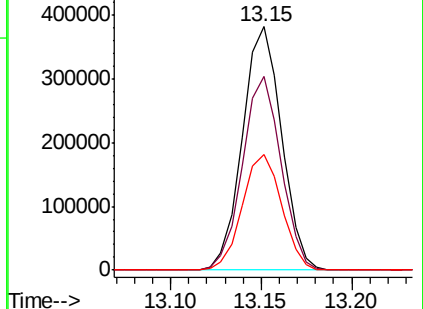
218 47.4 39.4 59.0

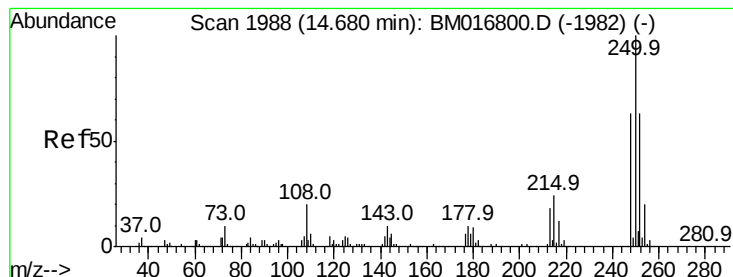


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 1.400 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BM016805.D

Acq: 19 Sep 2018 20:38

Instrument :

BNA_M

ClientSampleId :

Tot Ion:250 Resp: 30750

Ion Ratio Lower Upper

250 100

248 61.6 51.4 77.2

252 55.4 49.8 74.6

