

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012472.D
 Acq On : 26 Oct 2017 14:12
 Operator : SJ/JU
 Sample : I5882-01 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHH0

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:42 AM

Quant Time: Oct 26 15:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	555159	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2339061	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1404842	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2779658	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2181621	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2420024	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	8380m	0.77	ng/uL	0.00
5) Phenol-d5	7.05	99	101606	2.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	83644	3.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	99866	2.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	98806	2.49	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	51347	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	54873	3.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	112029	2.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	94234	2.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	349902	2.85	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	428197	2.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	33564	1.84	ng/ul	0.00
57) Fluorene-d10	15.50	176	289934	2.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	39686	2.95	ng/ul	0.00
70) Anthracene-d10	17.35	188	404926	3.06	ng/ul	0.00
76) Pyrene-d10	19.63	212	350030	3.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	344003	2.99	ng/ul	0.00
Target Compounds						
21) Isophorone	9.60	82	171449	1.920	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.13	232	2820772	96.520	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.63	198	61638	4.166	ng/ul#	62
68) Pentachlorophenol	16.92	266	21550211m	1069.768	ng/ul	

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

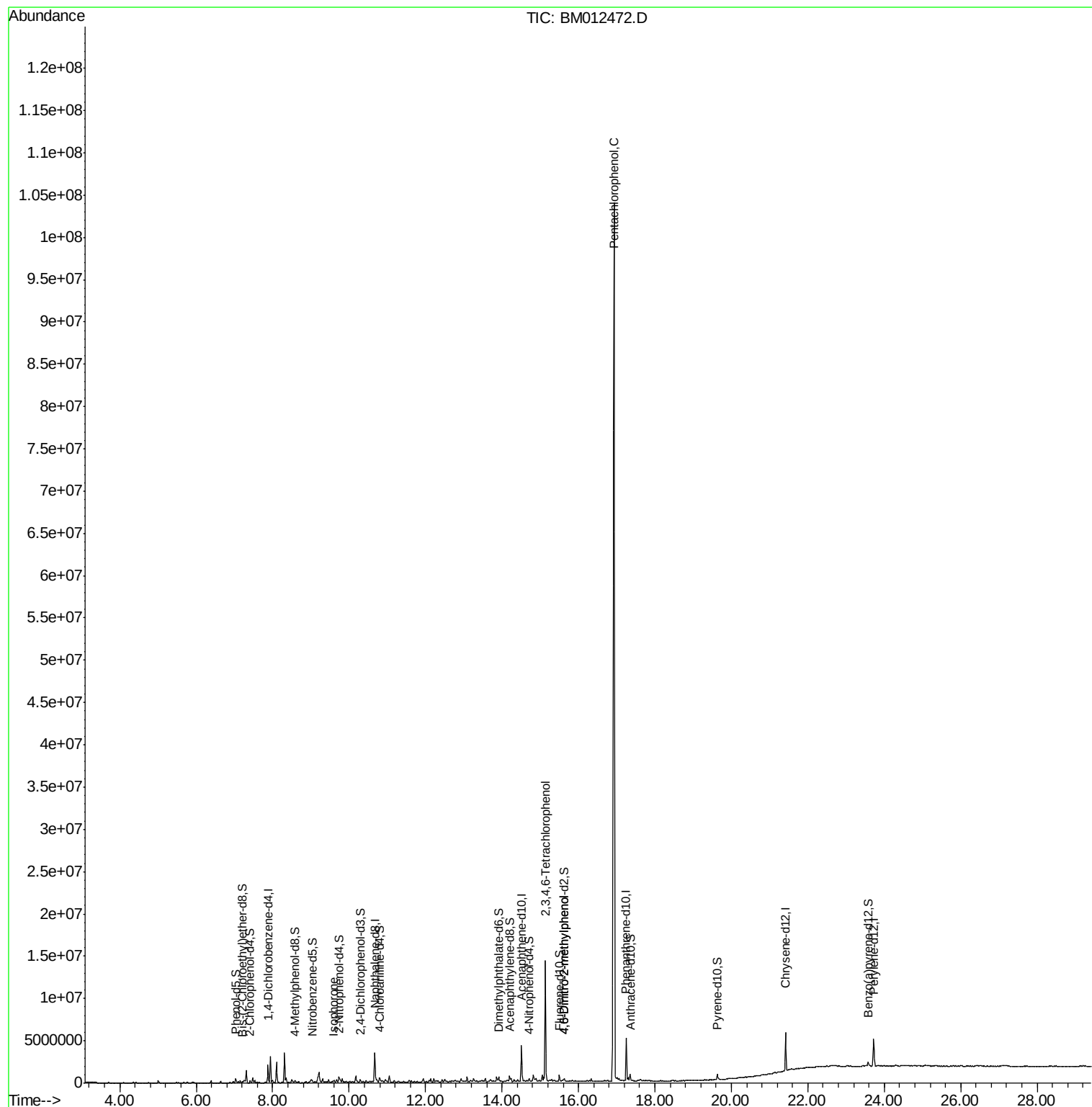
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012472.D
Acq On : 26 Oct 2017 14:12
Operator : SJ/JU
Sample : I5882-01 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

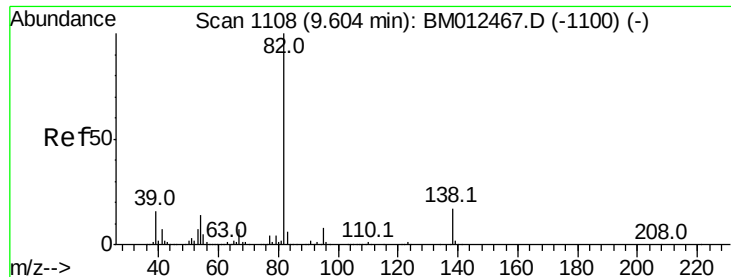
Instrument :
BNA_M
ClientSampleID :
DAH0

Quant Time: Oct 26 15:35:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:42 AM





#21

Isophorone

Concen: 1.920 ng/ul

RT: 9.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM012472.D

Acq: 26 Oct 2017 14:12

Instrument :

BNA_M

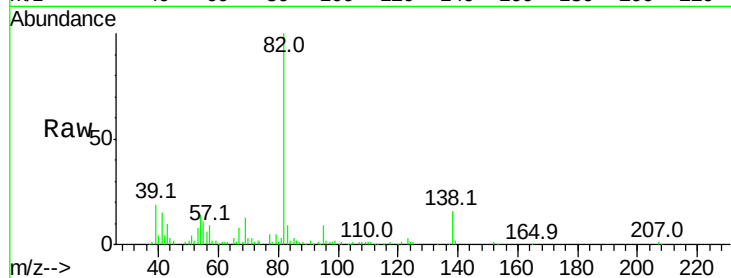
ClientSampled :

DAH0

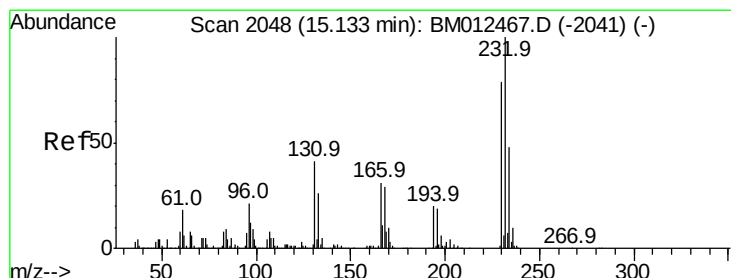
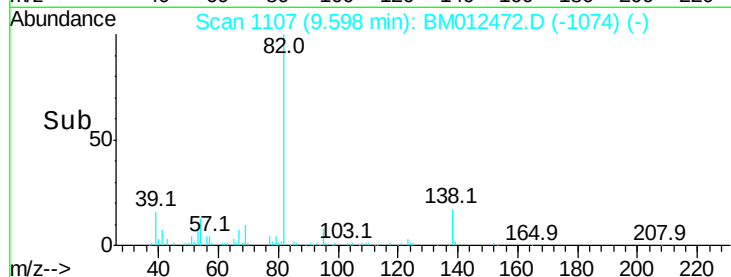
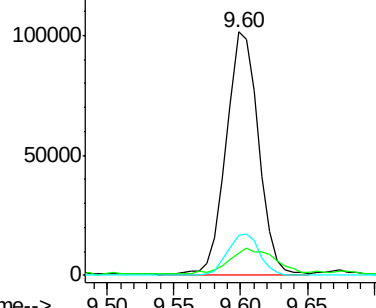
Tot Ion:	82	Resp:	171449
Ion Ratio	Lower	Upper	
82	100		
95	9.0	7.8	11.8
138	16.4	11.9	17.9

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:42 AM



Abundance Ion 82.00 (81.70 to 82.70): BM012472.D (-1074) (-)



#55

2,3,4,6-Tetrachlorophenol

Concen: 96.520 ng/ul

RT: 15.13 min Scan# 2048

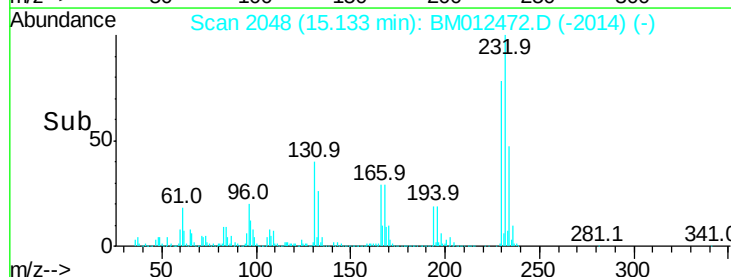
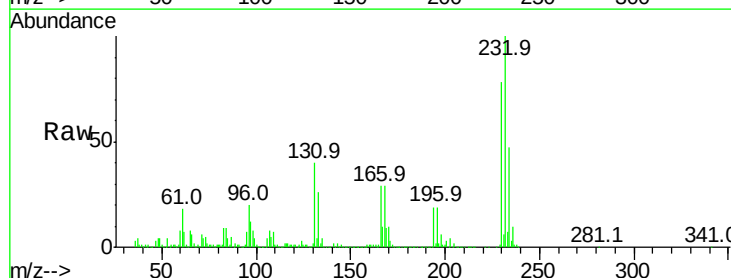
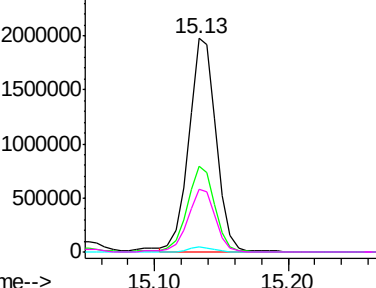
Delta R.T. 0.00 min

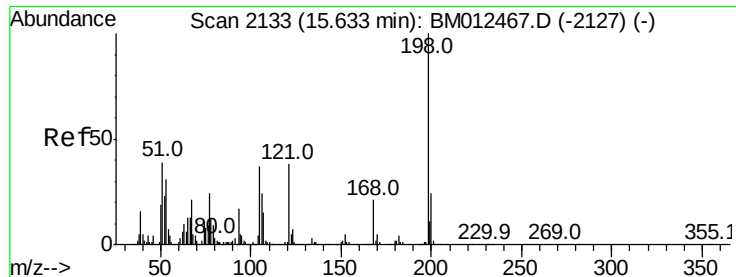
Lab File: BM012472.D

Acq: 26 Oct 2017 14:12

Tgt Ion:	232	Resp:	2820772
Ion Ratio	Lower	Upper	
232	100		
131	40.0	29.0	43.4
130	2.3	2.0	3.0
166	29.4	21.4	32.2

Abundance Ion 232.00 (231.70 to 232.70): BM012472.D (-2014) (-)





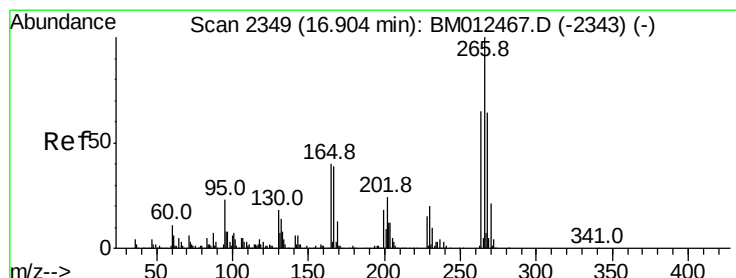
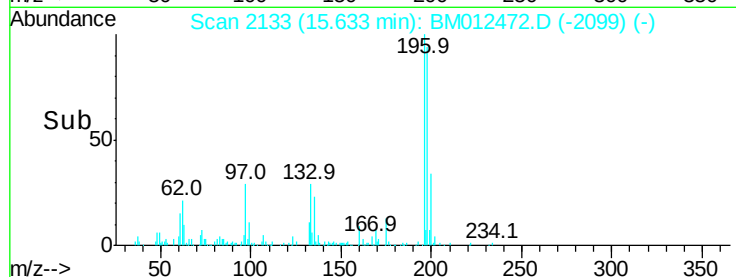
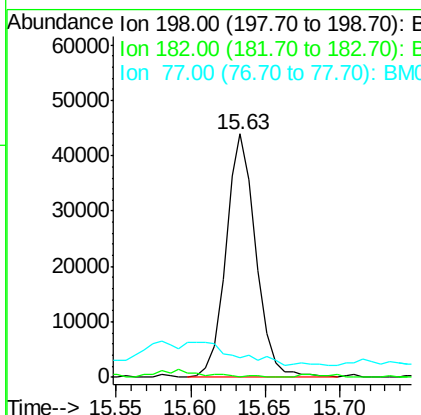
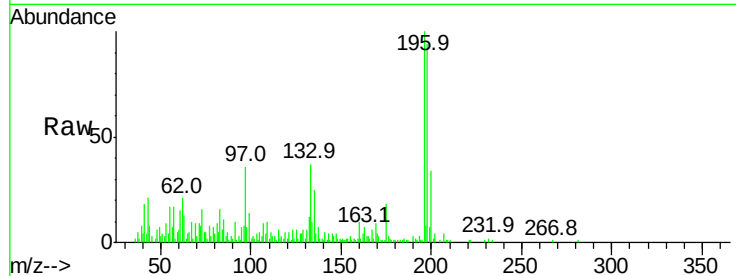
#63
 4,6-Dinitro-2-methylphenol
 Concen: 4.166 ng/ul
 RT: 15.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM012472.D
 Acq: 26 Oct 2017 14:12

Instrument :
 BNA_M
 ClientSampleId :
 DAHH0

Tot Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.6#
77	8.2	25.2	37.8#

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:42 AM



#68
 Pentachlorophenol
 Concen: 1069.768 ng/ul m
 RT: 16.92 min Scan# 2351
 Delta R.T. 0.01 min
 Lab File: BM012472.D
 Acq: 26 Oct 2017 14:12

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.4	49.3	73.9#
268	73.2	52.6	78.8

