

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012453.D
 Acq On : 25 Oct 2017 20:35
 Operator : SJ/JU
 Sample : I5719-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-36(3-3.7)-100417

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:54:05 AM

Quant Time: Oct 26 12:05:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	679330	20.00	ng/ul	0.02
18) Naphthalene-d8	10.69	136	2375808	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.52	164	1442085	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	3099738	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2705159	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	2581608	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	28178	2.12	ng/uL	0.00
5) Phenol-d5	7.06	99	936757	16.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	2470414	73.33	ng/ul	0.02
9) 2-Chlorophenol-d4	7.43	132	514211	12.10	ng/ul	0.02
13) 4-Methylphenol-d8	8.60	113	2332939	48.10	ng/ul	0.01
19) Nitrobenzene-d5	9.03	128	861107	57.87	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.77	143	265714	17.33	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.32	165	526427	12.96	ng/ul	0.02
29) 4-Chloroaniline-d4	10.81	131	5063345	118.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1686013	13.38	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	2084318	13.99	ng/ul	0.01
51) 4-Nitrophenol-d4	14.72	143	243612	13.01	ng/ul	0.00
57) Fluorene-d10	15.51	176	1422328	13.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	153968	10.26	ng/ul	0.00
70) Anthracene-d10	17.35	188	2030469	13.75	ng/ul	0.00
76) Pyrene-d10	19.64	212	2132881	17.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1658865	13.53	ng/ul	0.00
Target Compounds						
24) 2,4-Dimethylphenol	9.92	107	1079496	22.528	ng/ul#	77
28) Naphthalene	10.75	128	1631456	13.849	ng/ul#	59
34) 2-Methylnaphthalene	12.35	142	629772	6.583	ng/ul	100
44) Dimethylphthalate	13.97	163	1083694m	8.696	ng/ul	

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

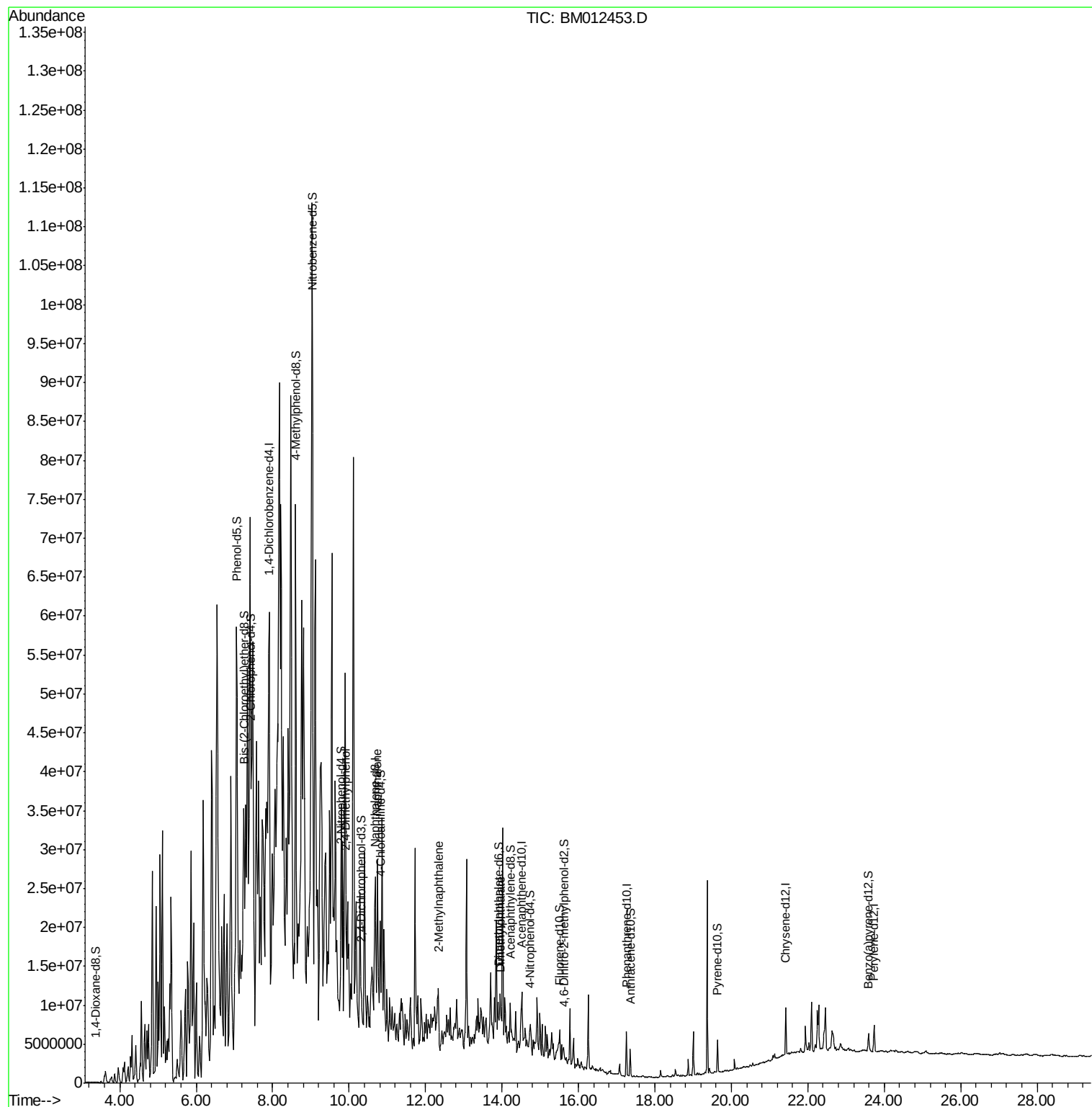
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012453.D
Acq On : 25 Oct 2017 20:35
Operator : SJ/JU
Sample : I5719-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

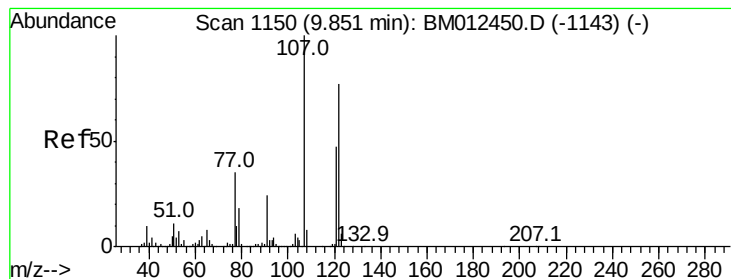
Instrument :
BNA_M
ClientSampleId :
B-36(3-3.7)-100417

Manual Integrations
APPROVED

Sohil
10/27/2017 8:54:05 AM

Quant Time: Oct 26 12:05:35 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 05:23:19 2017
Response via : Initial Calibration





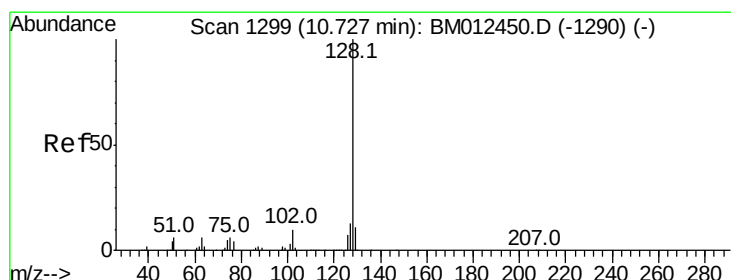
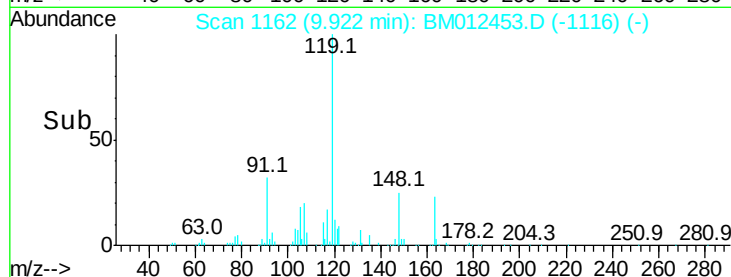
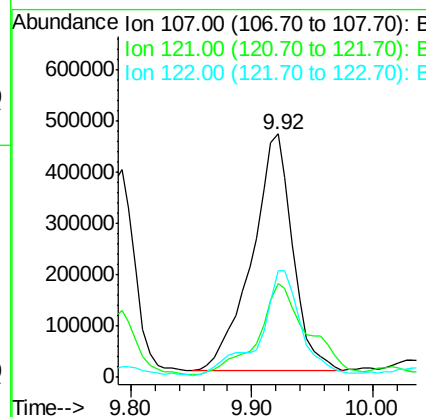
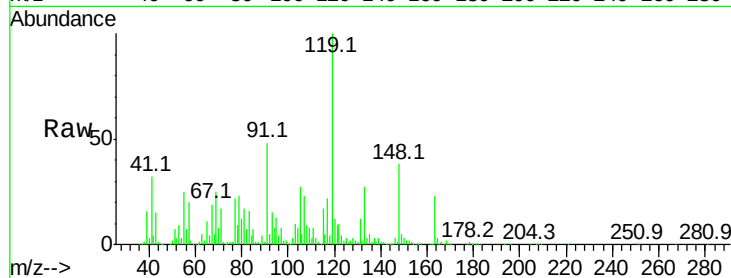
#24
2,4-Dimethylphenol
Concen: 22.528 ng/ul
RT: 9.92 min Scan# 1162
Delta R.T. 0.07 min
Lab File: BM012453.D
Acq: 25 Oct 2017 20:35

Instrument :
BNA_M
ClientSampleId :
B-36(3-3.7)-100417

Tot Ion	Ratio	Lower	Upper
107	100		
121	38.6	31.9	47.9
122	43.6	57.8	86.6#

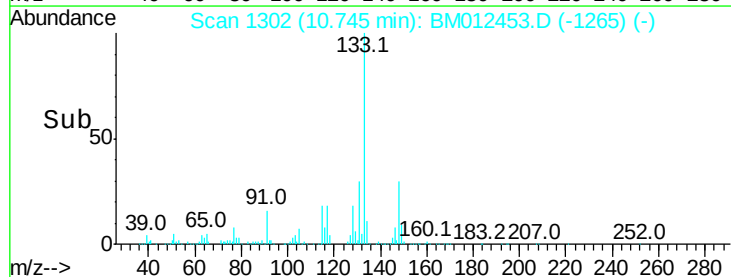
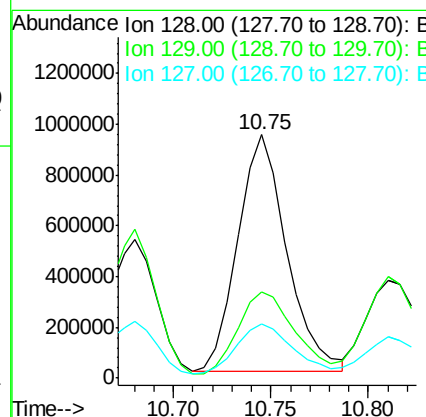
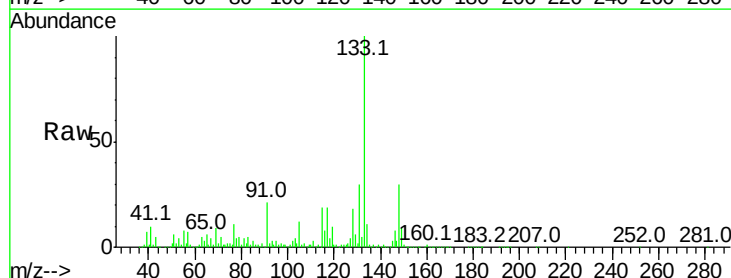
Manual Integrations
APPROVED

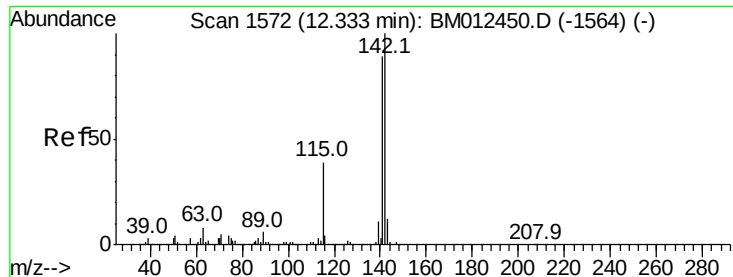
Sohil
10/27/2017 8:54:05 AM



#28
Naphthalene
Concen: 13.849 ng/ul
RT: 10.75 min Scan# 1302
Delta R.T. 0.02 min
Lab File: BM012453.D
Acq: 25 Oct 2017 20:35

Tgt Ion	Ratio	Lower	Upper
128	100		
129	35.2	8.8	13.2#
127	22.4	10.6	16.0#





#34

2-Methylnaphthalene

Concen: 6.583 ng/ul

RT: 12.35 min Scan# 1574

Delta R.T. 0.01 min

Lab File: BM012453.D

Acq: 25 Oct 2017 20:35

Instrument :

BNA_M

ClientSampleId :

B-36(3-3.7)-100417

Tot Ion:142 Resp: 629772

Ion Ratio Lower Upper

142 100

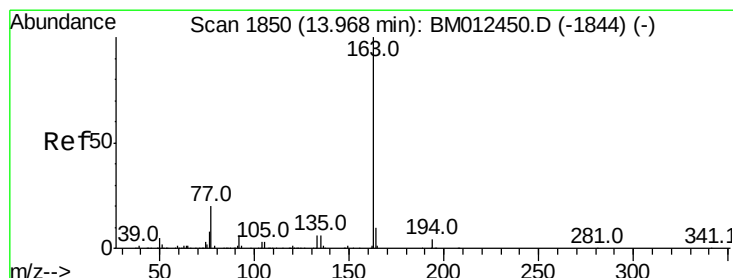
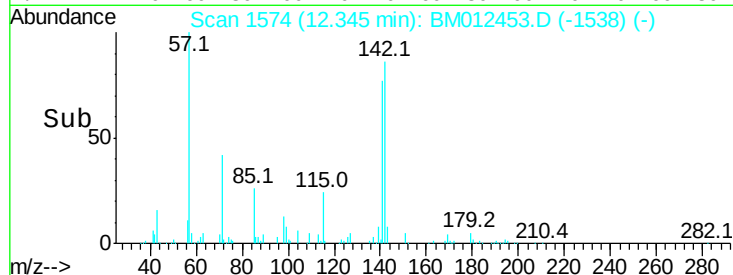
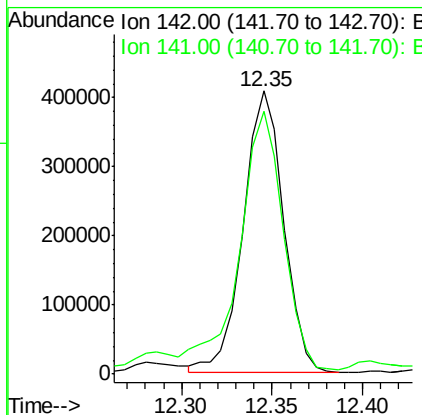
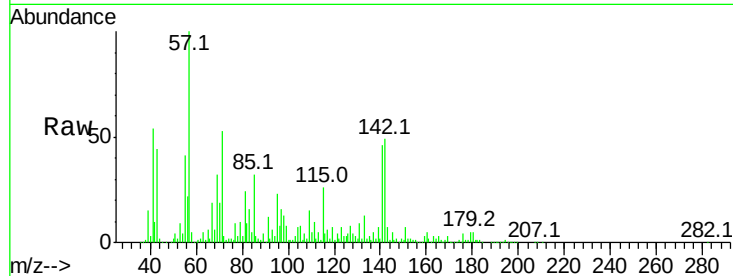
141 92.9 74.1 111.1

Manual Integrations

APPROVED

Sohil

10/27/2017 8:54:05 AM



#44

Dimethylphthalate

Concen: 8.696 ng/ul m

RT: 13.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BM012453.D

Acq: 25 Oct 2017 20:35

Tgt Ion:163 Resp: 1083694

Ion Ratio Lower Upper

163 100

194 8.1 3.5 5.3#

164 10.8 8.2 12.4

