

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

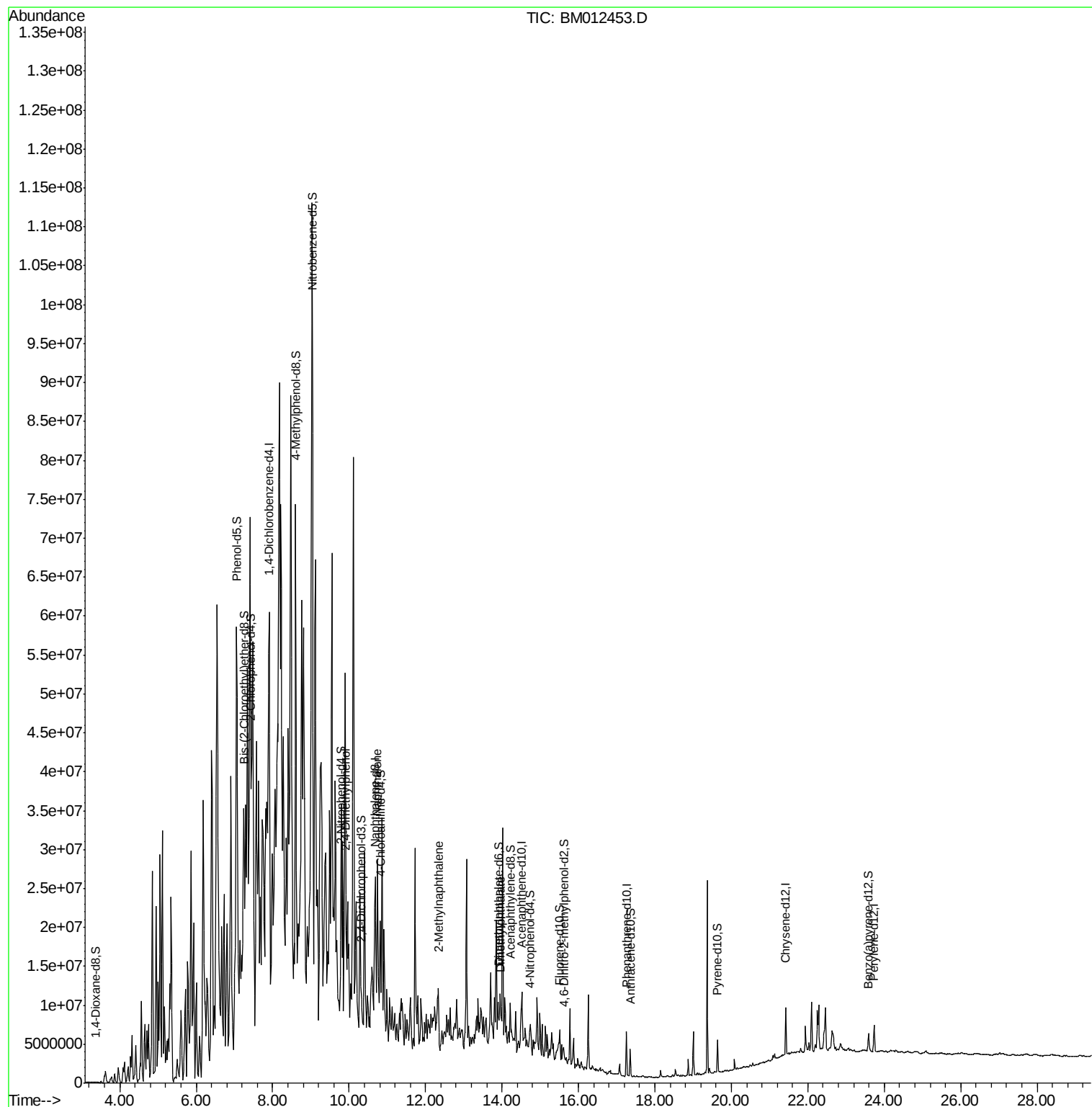
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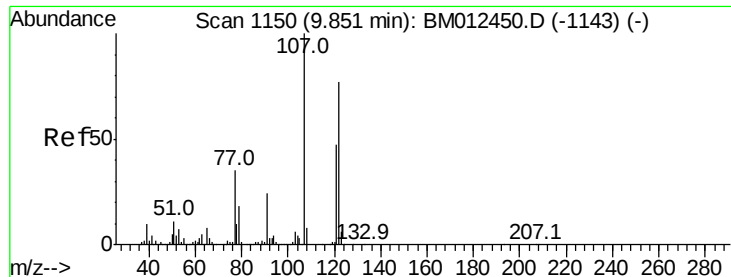
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#24

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 :

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ClientSampleId :

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Tot Ion:107 Resp: 1079496

Ion Ratio Lower Upper

107 100

121 38.6 31.9 47.9

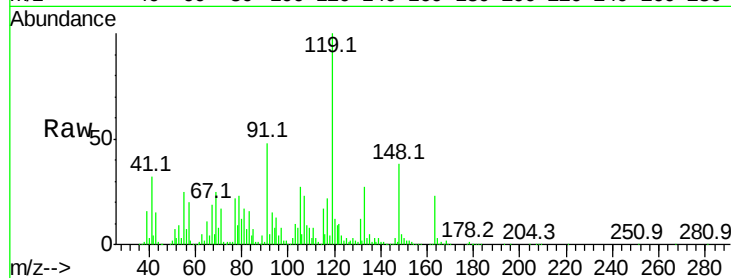
122 43.6 57.8 86.6#

Manual Integrations

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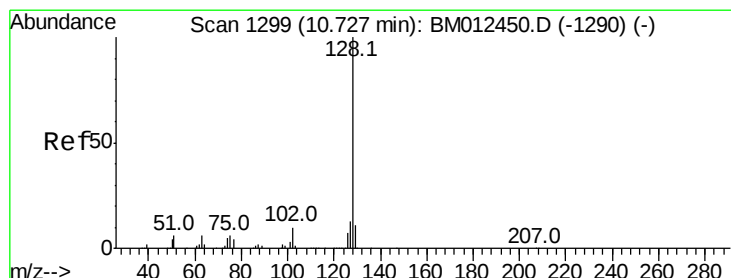
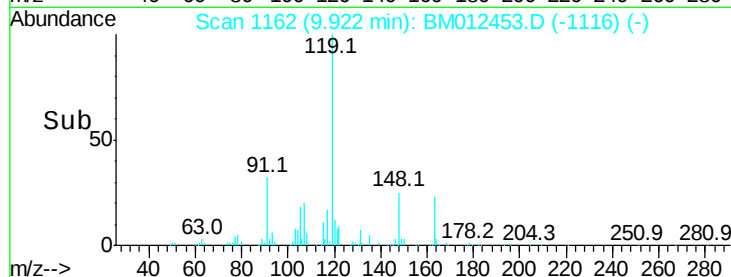
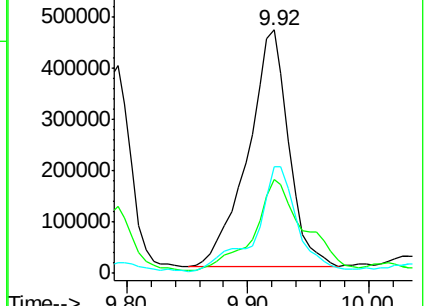
10/27/2017 8:54:05 AM



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#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

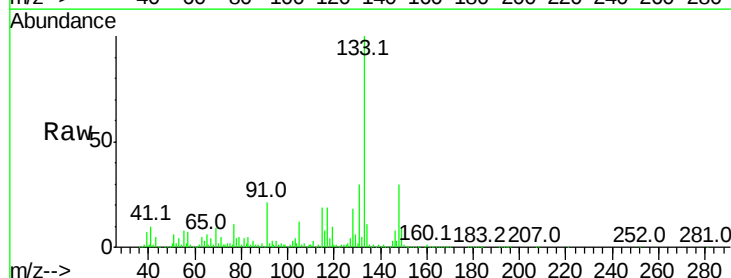
Tgt Ion:128 Resp: 1631456

Ion Ratio Lower Upper

128 100

129 35.2 8.8 13.2#

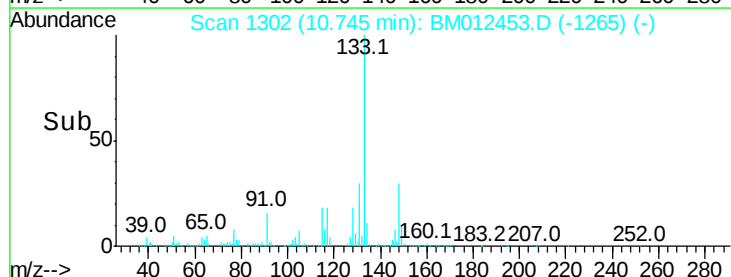
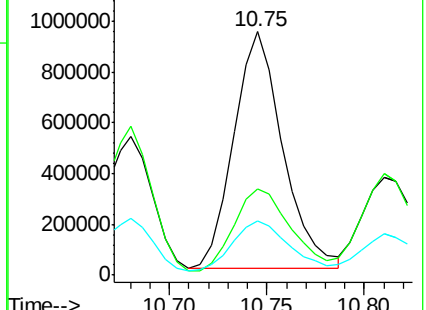
127 22.4 10.6 16.0#

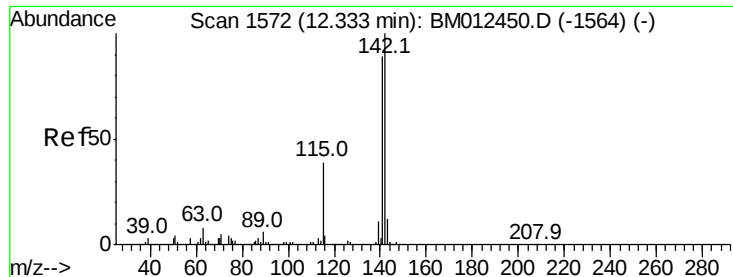


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





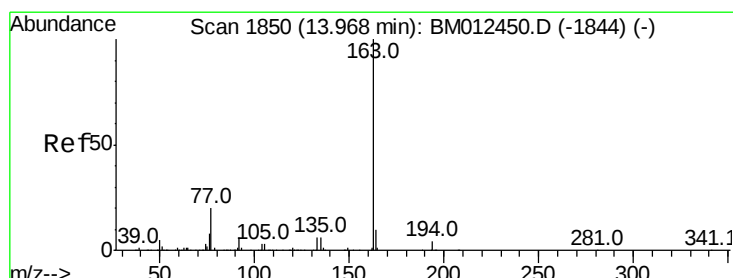
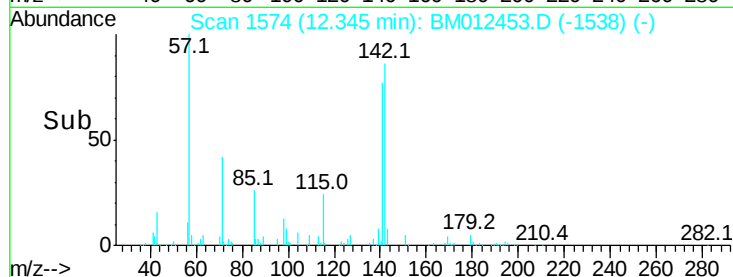
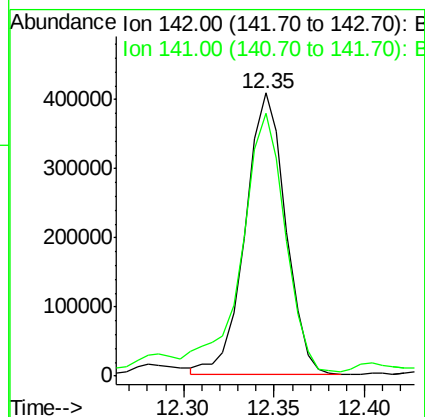
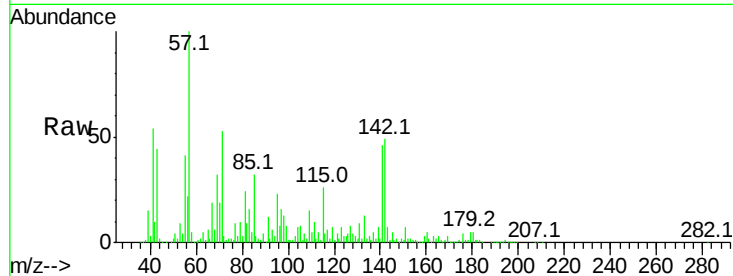
#34
 2-Methylnaphthalene
 Concen: 6.583 ng/ul
 RT: 12.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BM012453.D
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Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	74.1	111.1

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#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	Ratio	Lower	Upper
163	100		
194	8.1	3.5	5.3#
164	10.8	8.2	12.4

