

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
 Data File : BM022965.D
 Acq On : 04 Oct 2019 19:41
 Operator : JU
 Sample : K4932-03
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFDG5

Manual Integrations
 APPROVED

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 10/7/2019 4:41:29 PM

Quant Time: Oct 05 00:07:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 16:45:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	188574	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	833147	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	525366	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	954139	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	661254	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	734112	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	22618	5.19	ng/uL	0.00
5) Phenol-d5	6.96	99	139189	8.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	272772	29.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	349636	26.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	250492	18.36	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	215614	33.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	230702	32.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	421433	30.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	534680	31.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1401619	34.38	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1586955	33.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	58984	7.32	ng/ul	0.00
58) Fluorene-d10	15.42	176	1170003	33.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	193086	31.10	ng/ul	0.00
71) Anthracene-d10	17.26	188	1725208	37.03	ng/ul	0.00
79) Pyrene-d10	19.56	212	1580492	44.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	1440251	37.92	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.00	94	2590531	148.312	ng/ul 100
10) 2-Chlorophenol	7.36	128	46516	3.232	ng/ul 97
11) 2-Methylphenol	8.23	108	697592	51.818	ng/ul 99
16) 4-Methylphenol	8.57	108	3137675	210.789	ng/ul 97
24) 2,4-Dimethylphenol	9.76	107	1842250m	117.826	ng/ul
28) Naphthalene	10.63	128	2441689	54.266	ng/ul 99
34) 2-Methylnaphthalene	12.25	142	956602	28.356	ng/ul 99
45) Dimethylphthalate	13.88	163	52707	1.258	ng/ul 97

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

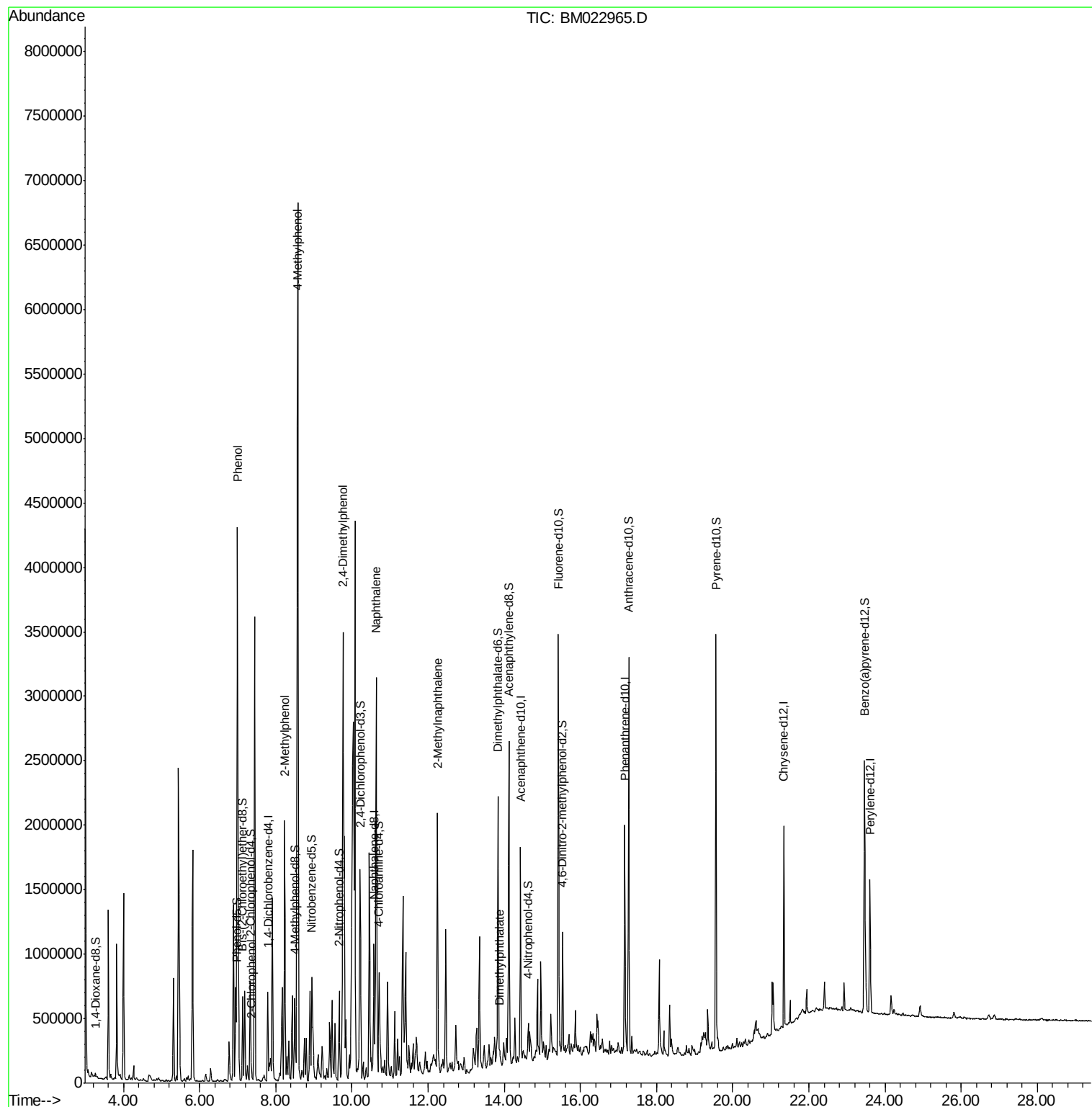
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
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ALS Vial : 51 Sample Multiplier: 1

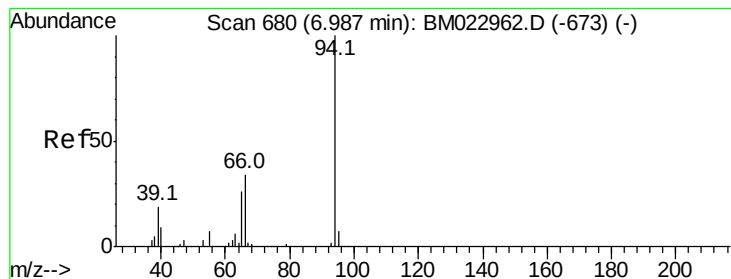
Instrument :
BNA_M
ClientSampleId :
BFDG5

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
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#6

Phenol

Concen: 148.312 ng/ul

RT: 7.00 min Scan# 682

Delta R.T. 0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

Tot Ion: 94 Resp: 2590531

Ion Ratio Lower Upper

94 100

65 26.2 20.9 31.3

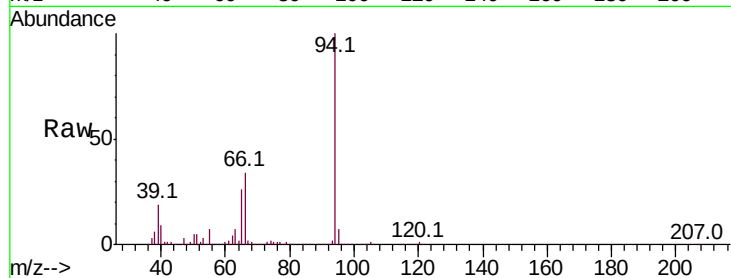
66 33.9 27.2 40.8

Manual Integrations

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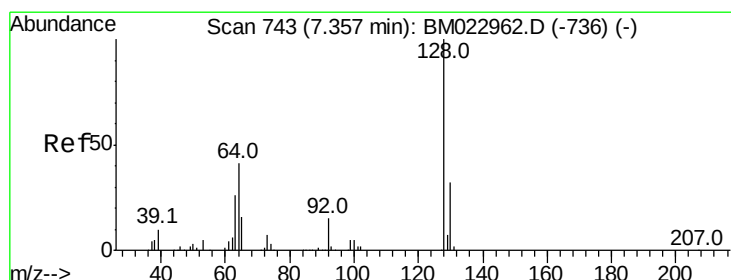
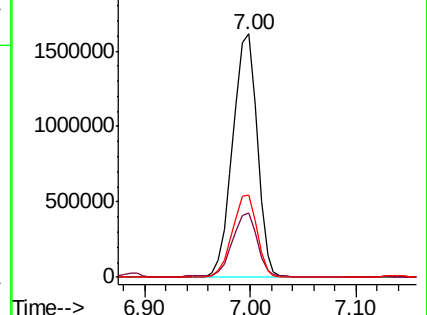
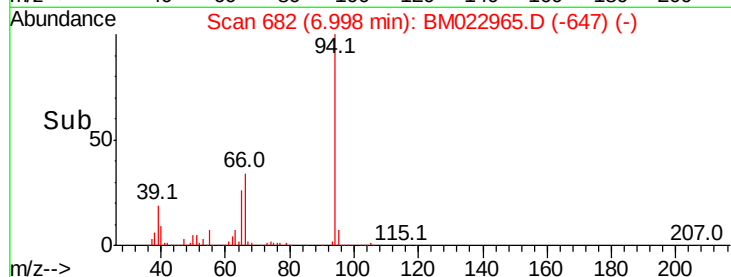


Abundance

Ion 94.00 (93.70 to 94.70): BM022962.D (-673) (-)

Ion 65.00 (64.70 to 65.70): BM022965.D (-647) (-)

Ion 66.00 (65.70 to 66.70): BM022965.D (-647) (-)



#10

2-Chlorophenol

Concen: 3.232 ng/ul

RT: 7.36 min Scan# 743

Delta R.T. -0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

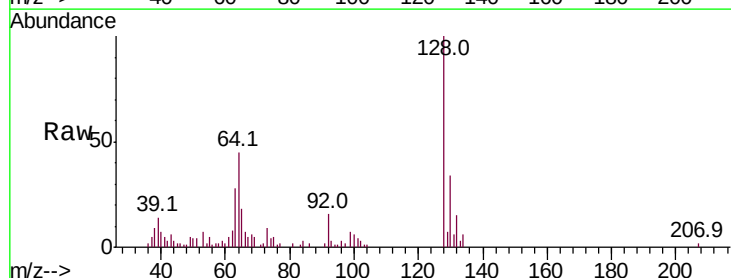
Tgt Ion:128 Resp: 46516

Ion Ratio Lower Upper

128 100

64 45.2 34.1 51.1

130 33.7 26.0 39.0

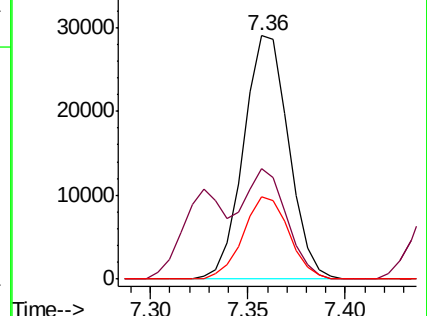
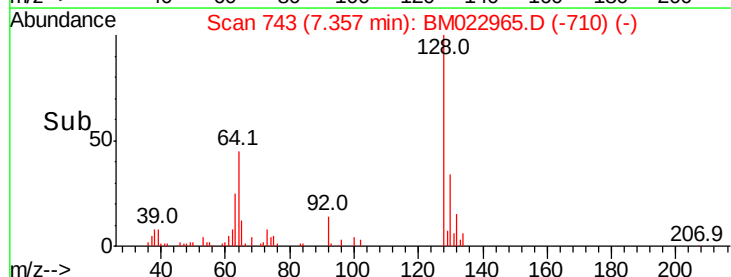


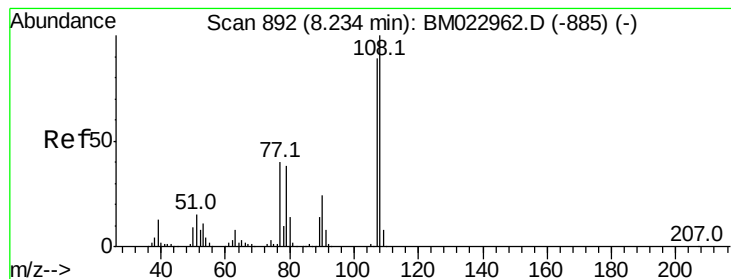
Abundance

Ion 128.00 (127.70 to 128.70): BM022962.D (-736) (-)

Ion 64.00 (63.70 to 64.70): BM022965.D (-710) (-)

Ion 130.00 (129.70 to 130.70): BM022965.D (-710) (-)





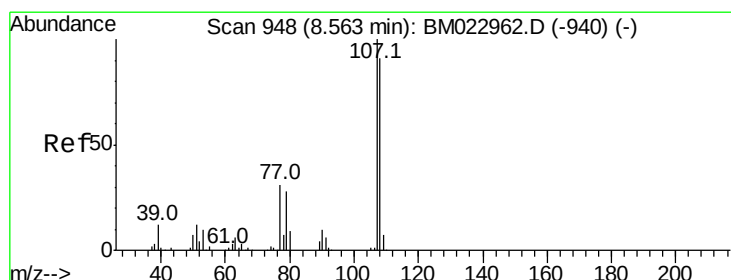
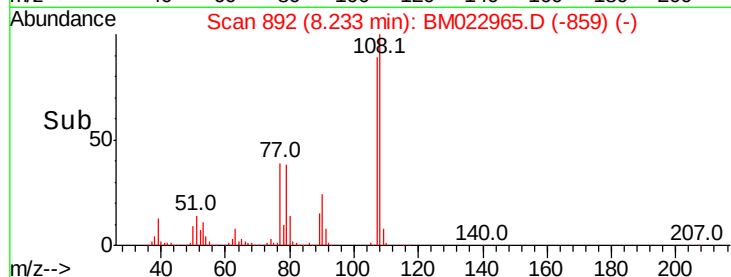
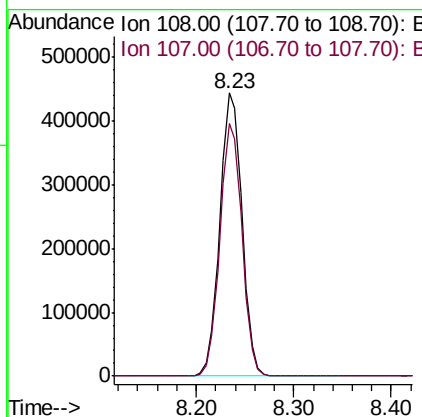
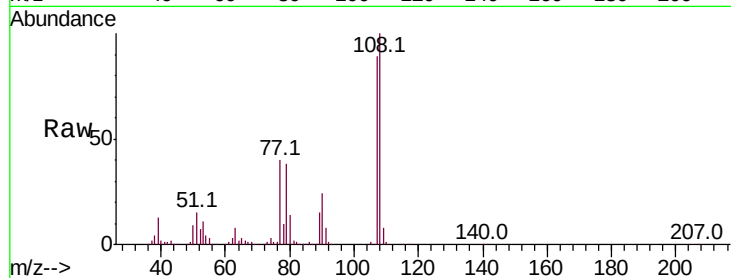
#11
2-Methylphenol
Concen: 51.818 ng/ul
RT: 8.23 min Scan# 892
Delta R.T. -0.01 min
Lab File: BM022965.D
Acq: 04 Oct 2019 19:41

Instrument :
BNA_M
ClientSampled :
BFDG5

Tot Ion	Ratio	Resp	Lower	Upper
108	100	697592		
107	89.4	71.0	106.4	

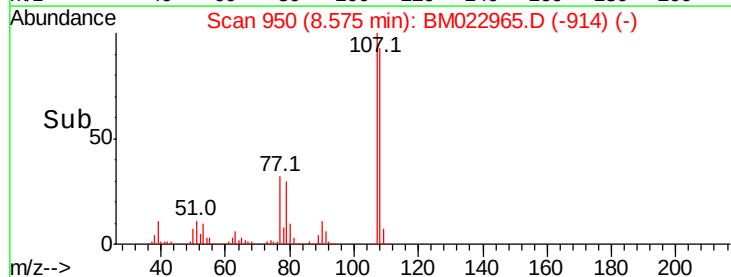
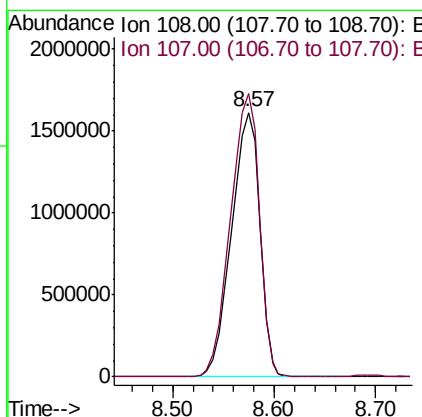
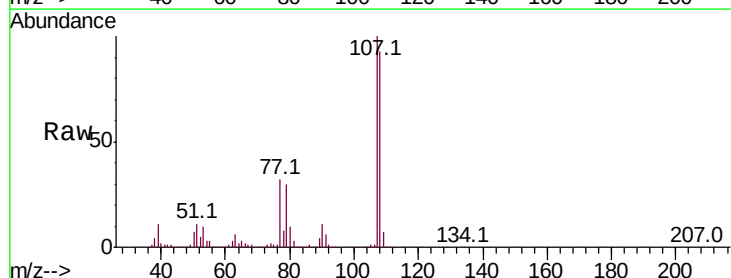
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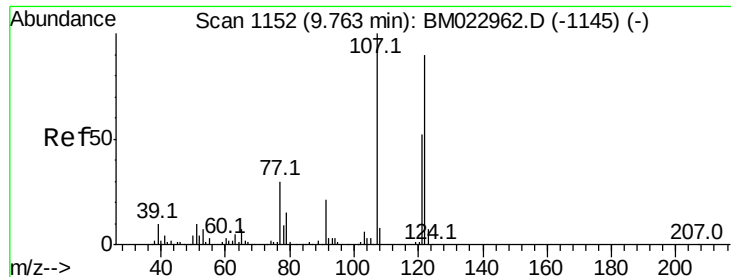
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#16
4-Methylphenol
Concen: 210.789 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. 0.01 min
Lab File: BM022965.D
Acq: 04 Oct 2019 19:41

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	3137675		
107	107.0	87.9	131.9	





#24

2,4-Dimethylphenol

Concen: 117.826 ng/ul m

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

Tot Ion:107 Resp: 1842250

Ion Ratio Lower Upper

107 100

121 52.3 43.0 64.4

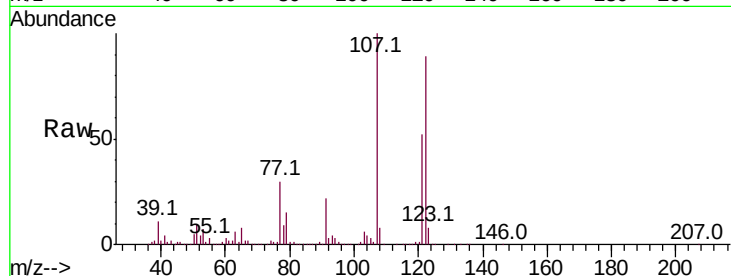
122 89.1 71.4 107.0

Manual Integrations

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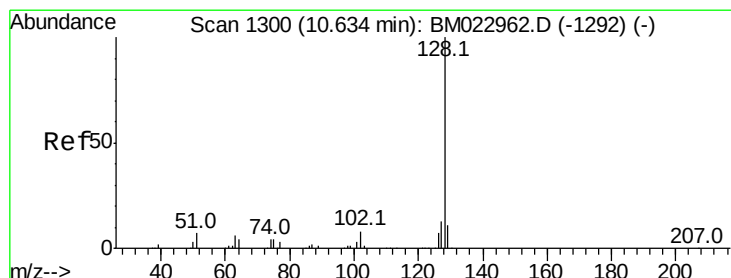
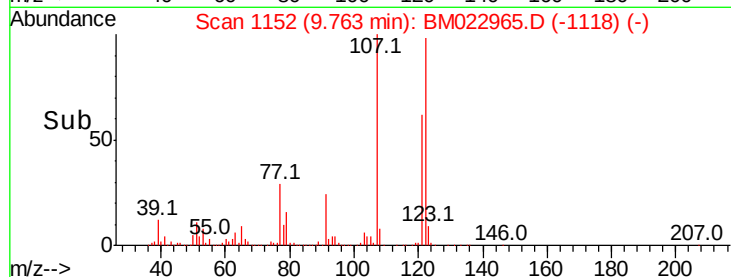
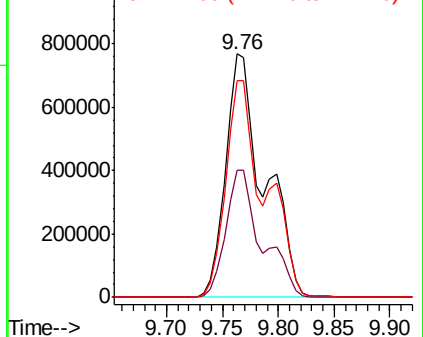


Abundance

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: 54.266 ng/ul

RT: 10.63 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Tgt Ion:128 Resp: 2441689

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

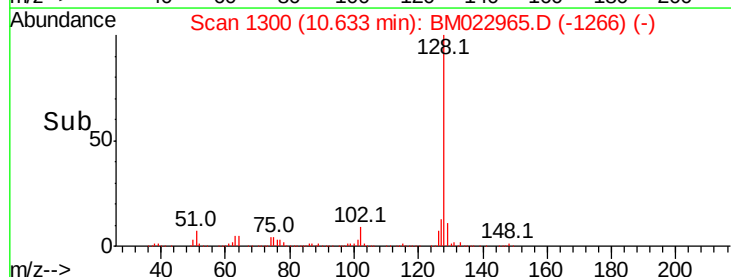
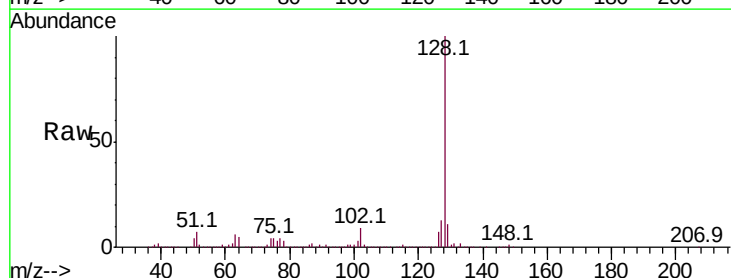
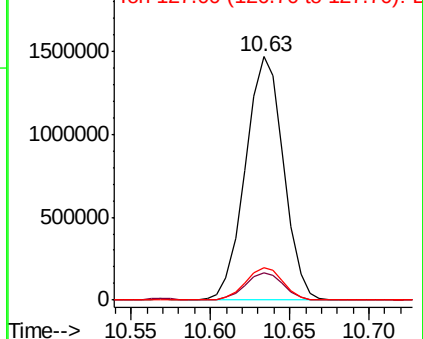
127 13.1 10.2 15.4

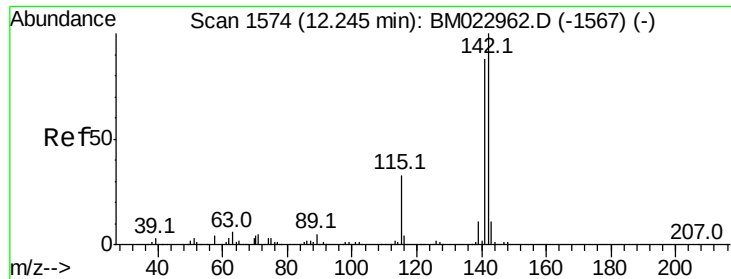
Abundance

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: 28.356 ng/ul

RT: 12.25 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

Instrument :

BNA_M

ClientSampleId :

BFDG5

Tot Ion:142 Resp: 956602

Ion Ratio Lower Upper

142 100

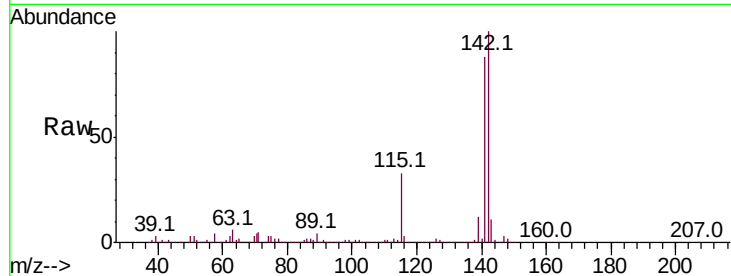
141 88.1 71.2 106.8

Manual Integrations

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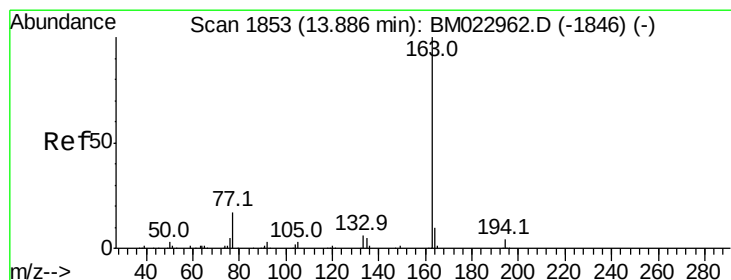
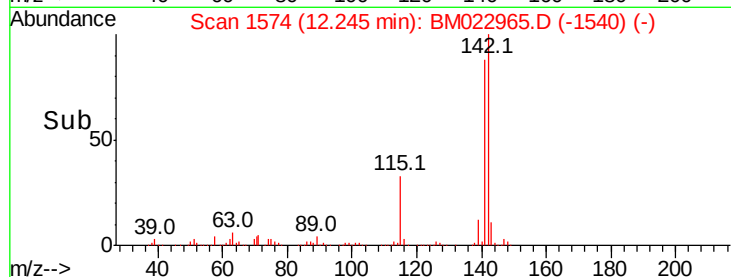
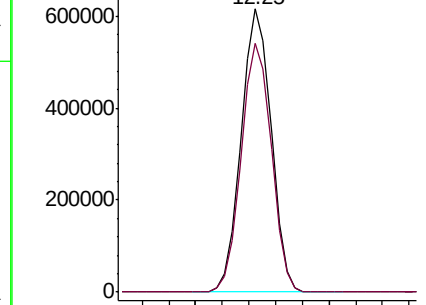
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#45

Dimethylphthalate

Concen: 1.258 ng/ul

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM022965.D

Acq: 04 Oct 2019 19:41

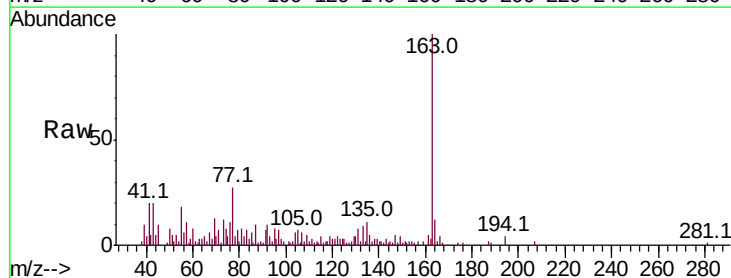
Tgt Ion:163 Resp: 52707

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 11.6 8.1 12.1



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

