

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
 Data File : BM022876.D
 Acq On : 02 Oct 2019 04:58
 Operator : JU
 Sample : K4932-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BFDH0

Manual Integrations
 APPROVED

mohammad
 10/2/2019 3:58:19 PM

Quant Time: Oct 02 14:12:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 27 18:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	320778	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1404753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.44	164	845177	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.17	188	1535563	20.00	ng/ul	-0.01
78) Chrysene-d12	21.36	240	1060591	20.00	ng/ul	-0.01
86) Perylene-d12	23.62	264	1132269	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	37894	5.11	ng/uL	0.00
5) Phenol-d5	6.97	99	208258	7.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	392779	25.32	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.33	132	500522	21.93	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	372414	16.05	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	302297	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	331652	28.02	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.22	165	614740	26.08	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	699434	24.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	1936532	29.52	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	2172181	28.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.64	143	100970	7.79	ng/ul	0.00
58) Fluorene-d10	15.43	176	1597309	28.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	289594	28.98	ng/ul	-0.01
71) Anthracene-d10	17.27	188	2359068	31.46	ng/ul	-0.01
79) Pyrene-d10	19.57	212	2195355	38.46	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.47	264	1863140	31.81	ng/ul	-0.02

Target Compounds

					Qvalue	
6) Phenol	7.00	94	593771	19.984	ng/ul	99
11) 2-Methylphenol	8.25	108	224674	9.811	ng/ul	98
16) 4-Methylphenol	8.57	108	729464	28.809	ng/ul	96
24) 2,4-Dimethylphenol	9.77	107	1102621m	41.826	ng/ul	
28) Naphthalene	10.65	128	4199957	55.361	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	1247707	21.936	ng/ul	99
45) Dimethylphthalate	13.89	163	272173	4.039	ng/ul#	96
69) Pentachlorophenol	16.83	266	49603	3.702	ng/ul	100
70) Phenanthrene	17.22	178	101437	1.107	ng/ul#	90
75) Carbazole	17.57	167	117280	1.413	ng/ul#	96

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

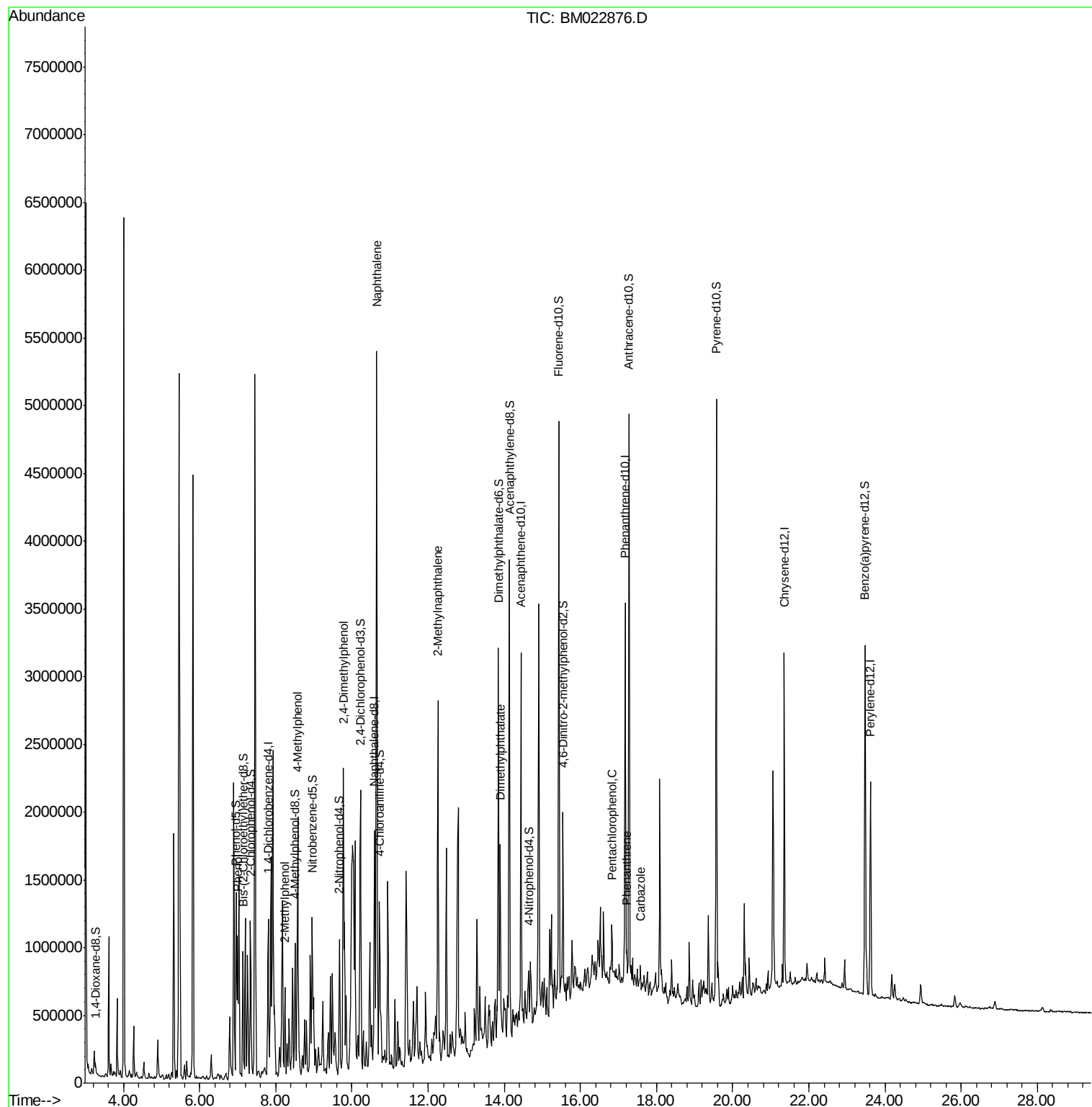
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022876.D
Acq On : 02 Oct 2019 04:58
Operator : JU
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ALS Vial : 22 Sample Multiplier: 1

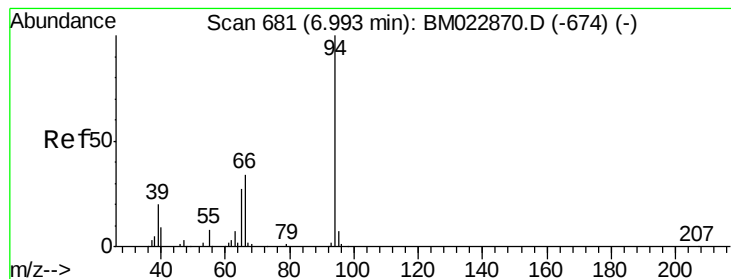
Instrument :
BNA_M
ClientSampleId :
BFDH0

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QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration





#6

Phenol

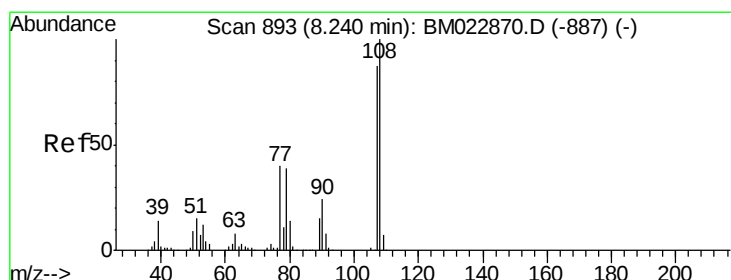
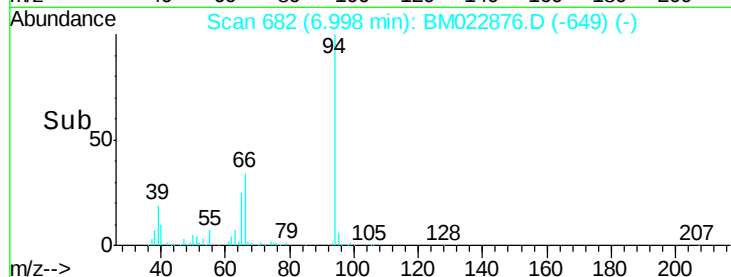
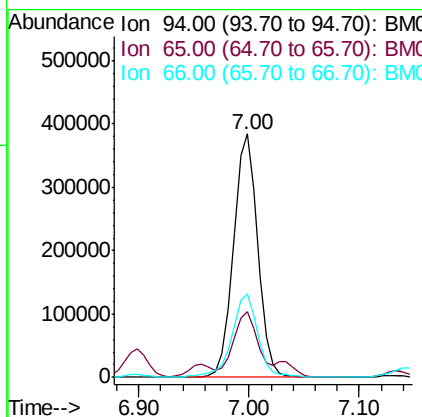
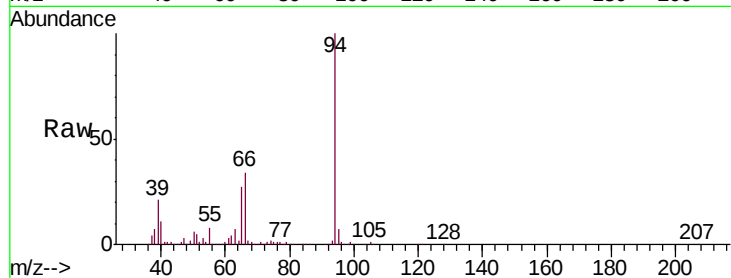
Concen: 19.984 ng/ul
 RT: 7.00 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BM022876.D
 Acq: 02 Oct 2019 04:58

Instrument :
 BNA_M
 ClientSampled :
 BFDH0

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	34.4	27.2	40.8

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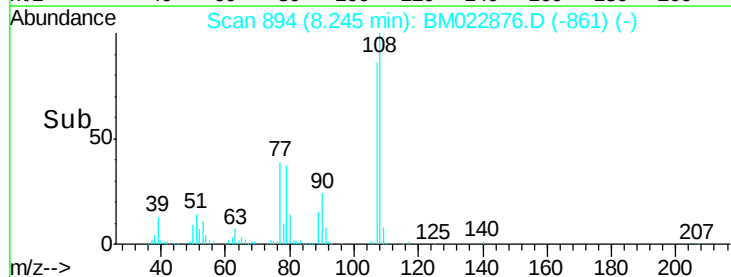
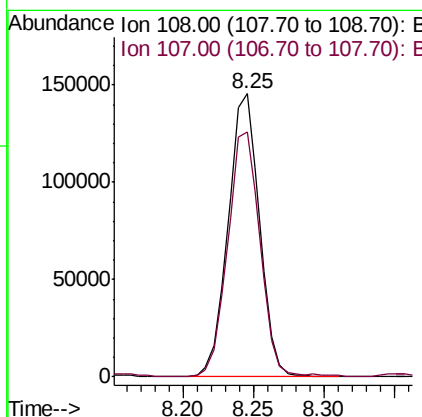
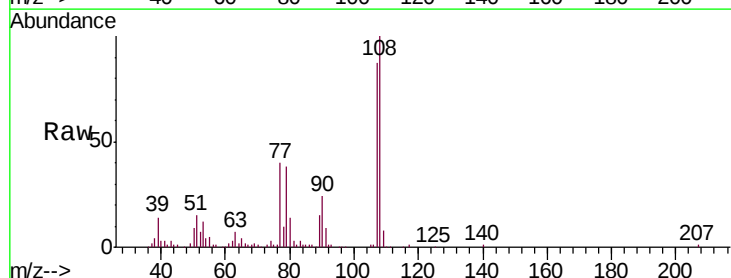


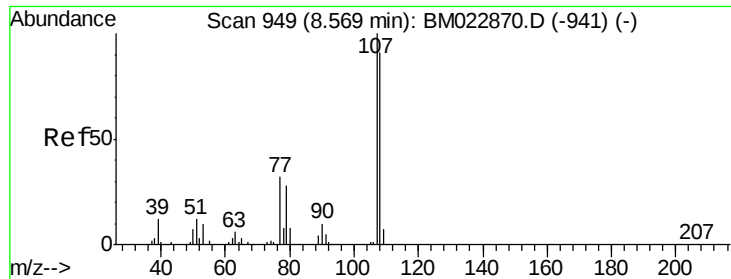
#11

2-Methylphenol

Concen: 9.811 ng/ul
 RT: 8.25 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BM022876.D
 Acq: 02 Oct 2019 04:58

Tgt Ion	Ratio	Lower	Upper
108	100		
107	86.6	71.0	106.4





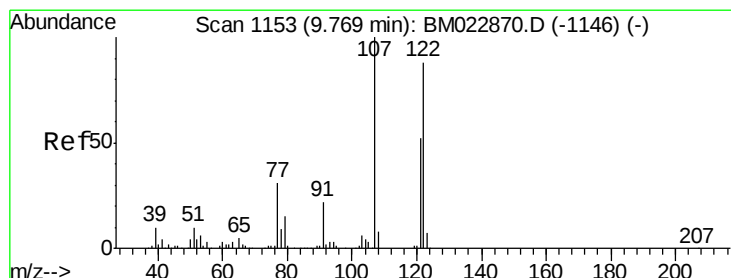
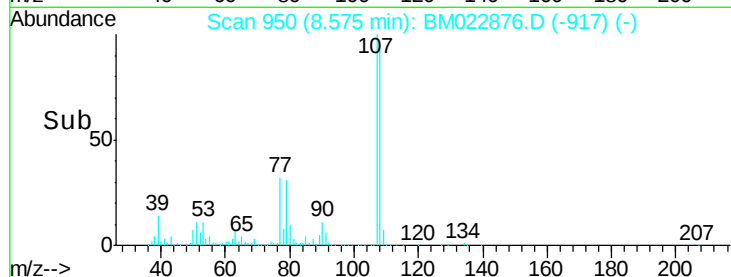
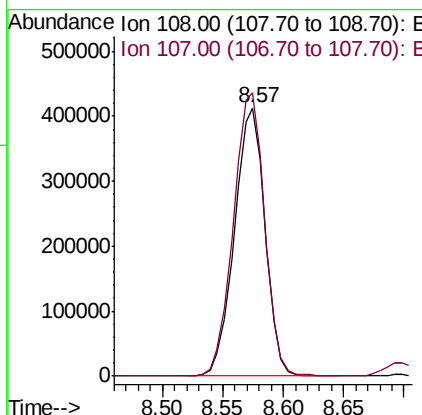
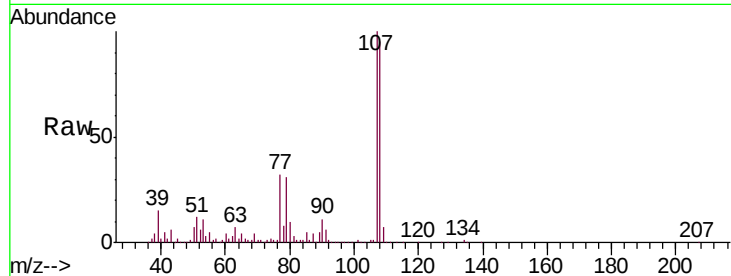
#16
4-Methylphenol
Concen: 28.809 ng/ul
RT: 8.57 min Scan# 950
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :
BFDH0

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	729464		
107	105.6	87.9	131.9	

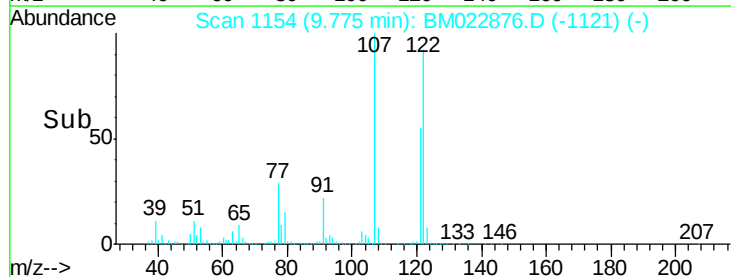
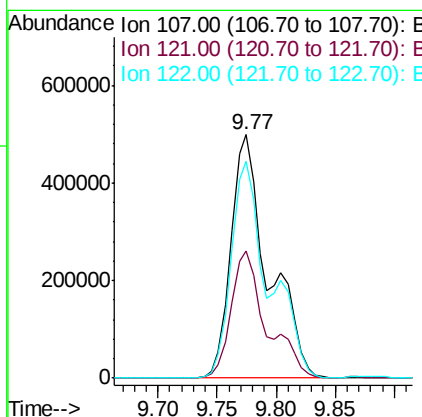
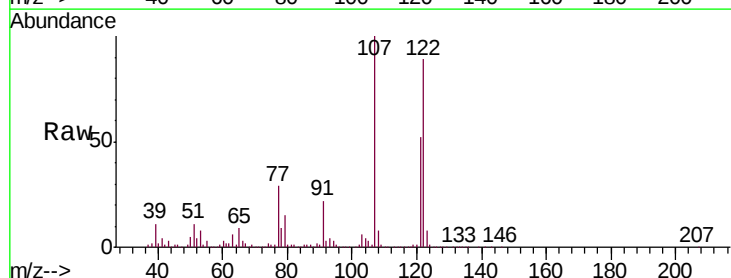
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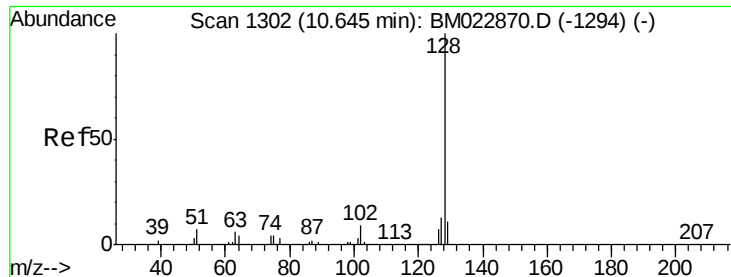
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#24
2,4-Dimethylphenol
Concen: 41.826 ng/ul m
RT: 9.77 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	1102621		
121	52.0	43.0	64.4	
122	88.8	71.4	107.0	





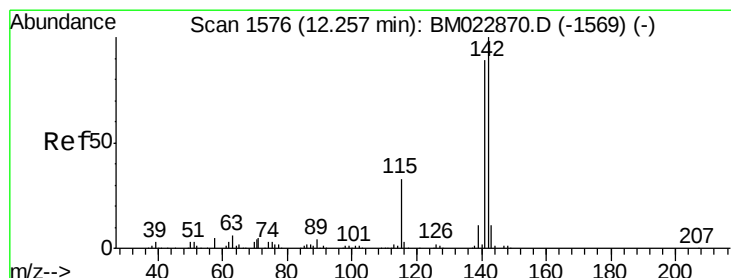
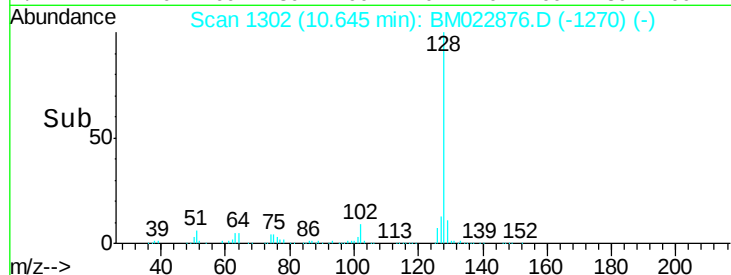
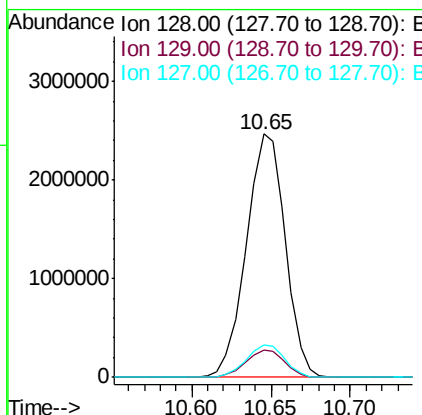
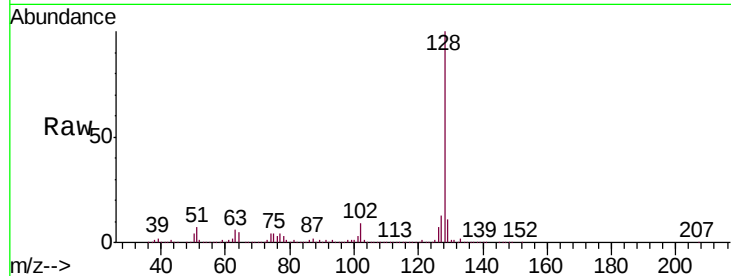
#28
Naphthalene
Concen: 55.361 ng/ul
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :
BFDH0

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	13.0
127	13.4	10.2	15.4

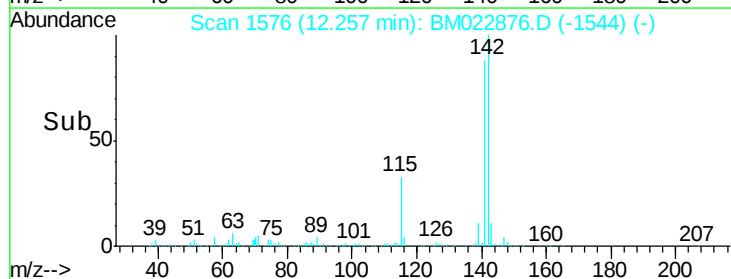
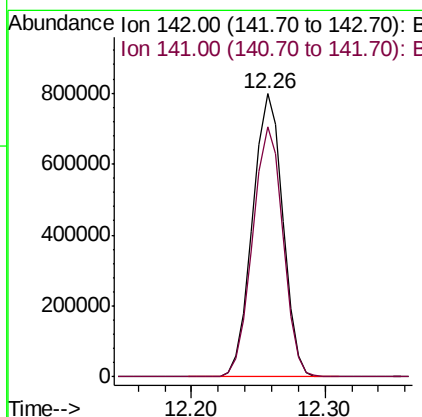
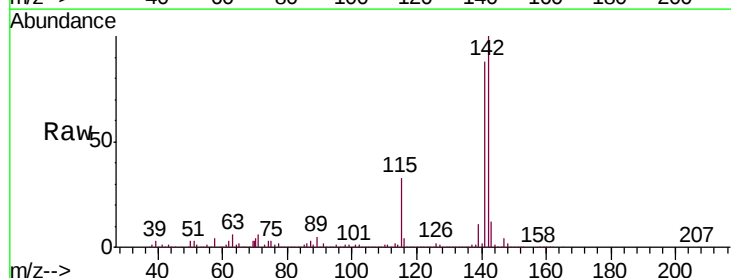
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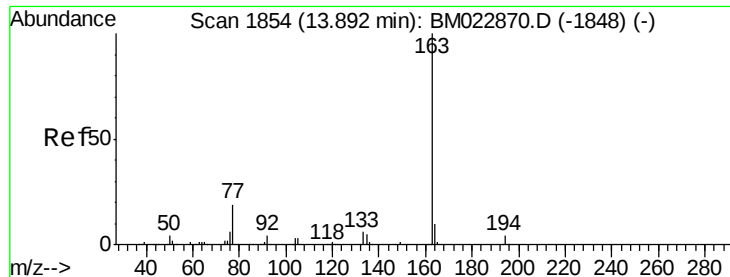
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#34
2-Methylnaphthalene
Concen: 21.936 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.2	106.8





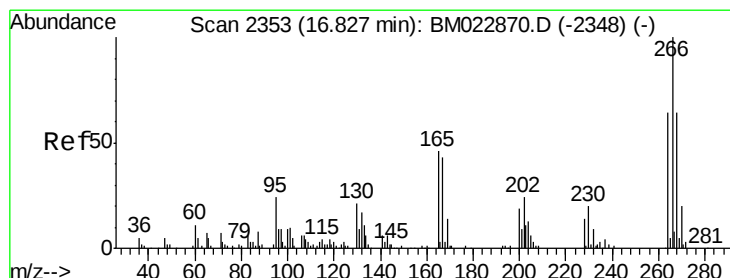
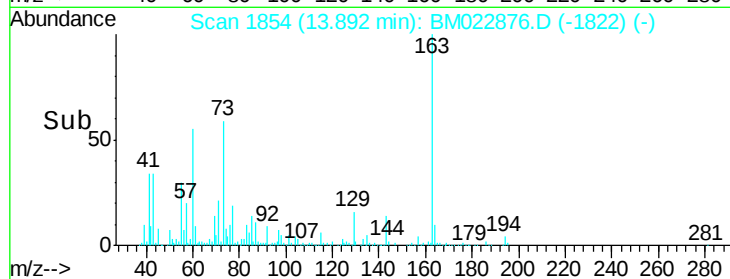
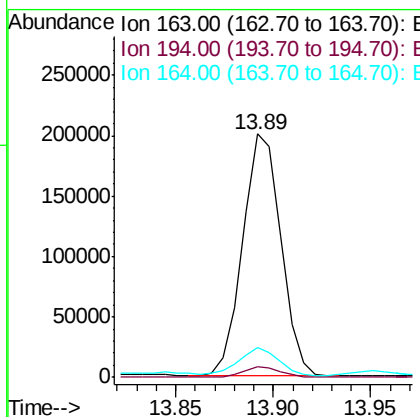
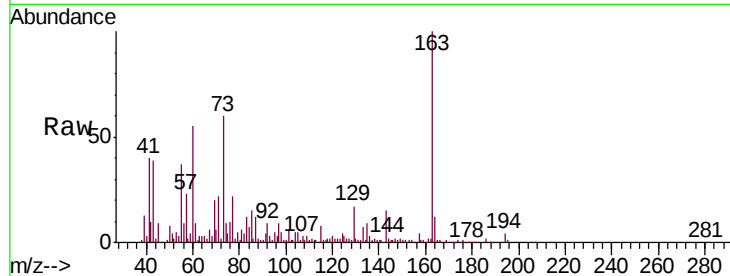
#45
Dimethylphthalate
Concen: 4.039 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Instrument :
BNA_M
ClientSampleId :
BFDH0

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.4	5.0
164	12.2	8.1	12.1#

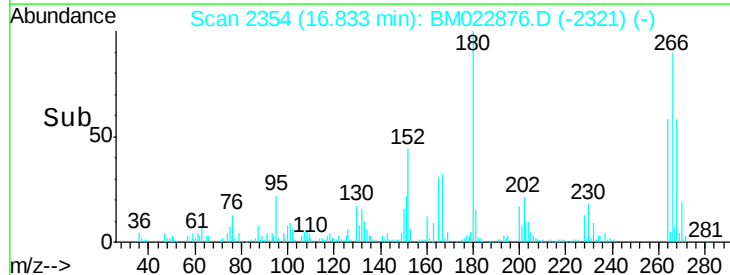
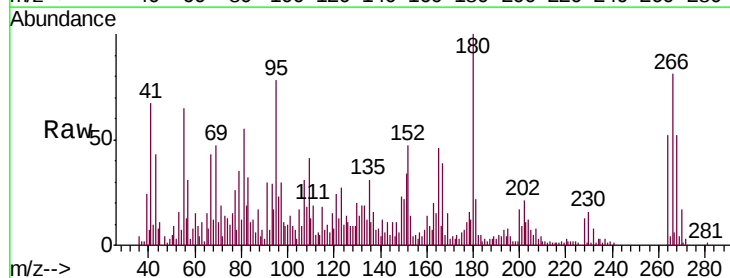
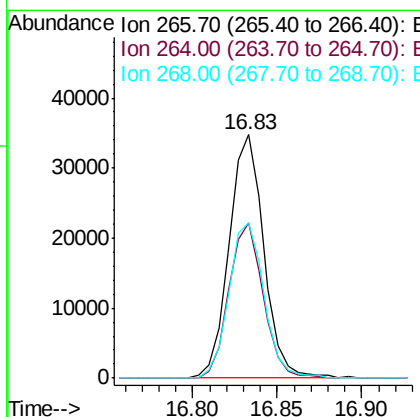
Manual Integrations
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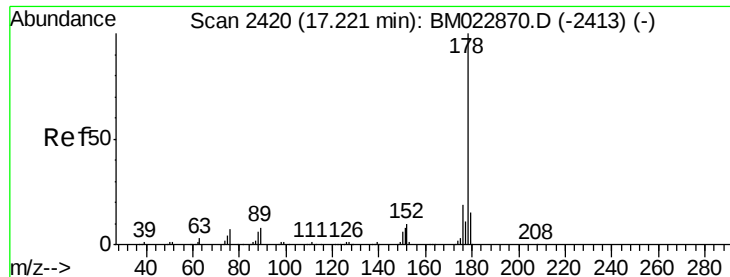
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#69
Pentachlorophenol
Concen: 3.702 ng/ul
RT: 16.83 min Scan# 2354
Delta R.T. -0.01 min
Lab File: BM022876.D
Acq: 02 Oct 2019 04:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	63.8	50.8	76.2
268	63.8	51.4	77.0





#70

Phenanthrene

Concen: 1.107 ng/ul

RT: 17.22 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM022876.D

Acq: 02 Oct 2019 04:58

Instrument :

BNA_M

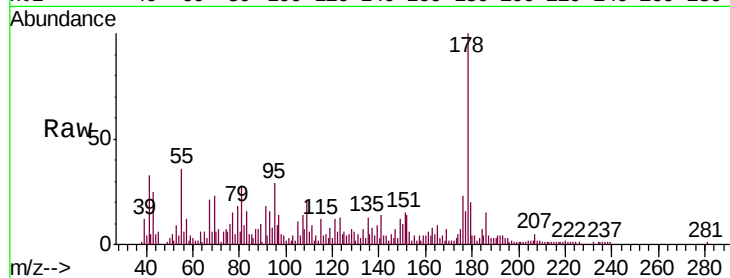
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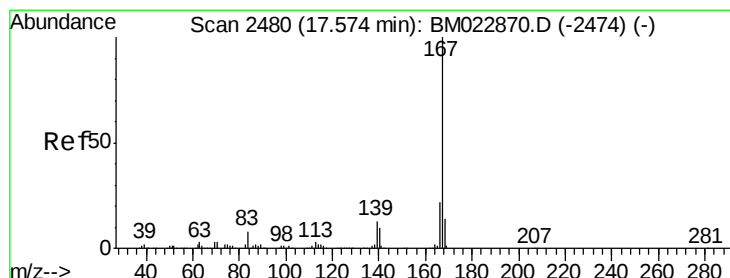
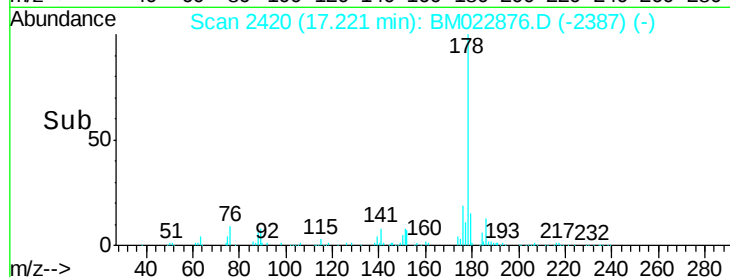
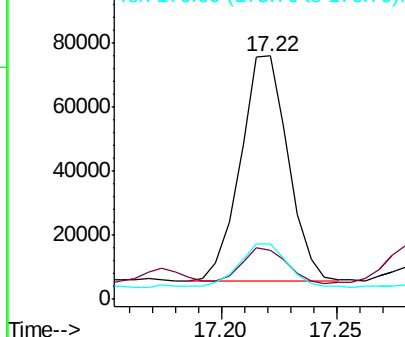
Tgt Ion:	178	Resp:	101437
Ion Ratio	Lower	Upper	
178	100		
179	20.2	12.4	18.6#
176	22.7	15.3	22.9

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#75

Carbazole

Concen: 1.413 ng/ul

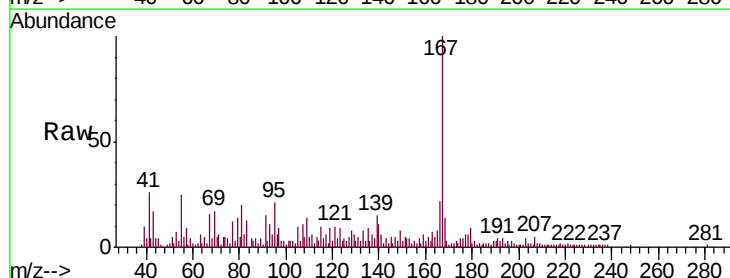
RT: 17.57 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BM022876.D

Acq: 02 Oct 2019 04:58

Tgt Ion:	167	Resp:	117280
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	15.4	9.9	14.9#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E

