

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022330.D
 Acq On : 26 Aug 2019 14:43
 Operator : HP/JU
 Sample : K4373-11DL 20X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL

Manual Integrations
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mohammad
 8/28/2019 9:59:49 AM

Quant Time: Aug 27 11:36:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 10:56:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	11158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	52587m	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	37347m	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	90494	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	82149	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	74550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	6.92	67	1380	2.46	ng/ul	0.01
9) 2-Chlorophenol-d4	7.10	132	1688	2.17	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	999	1.20	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	1100	2.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	900	1.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2770	2.98	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	1823m	1.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	12187	3.71	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	12408	3.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	867	1.78	ng/ul	-0.05
57) Fluorene-d10	15.21	176	11070	4.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	733	1.05	ng/ul	0.02
70) Anthracene-d10	17.07	188	18220	3.80	ng/ul	0.00
78) Pyrene-d10	19.37	212	21216	4.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	15226	3.72	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	8.02	108	6891	8.486	ng/ul 97
16) 4-Methylphenol	8.35	108	1989	2.228	ng/ul 89
24) 2,4-Dimethylphenol	9.52	107	35501m	30.200	ng/ul
28) Naphthalene	10.37	128	1335146	460.065	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	55967m	25.030	ng/ul
40) 1,1'-Biphenyl	13.03	154	34341	11.299	ng/ul 99
49) Acenaphthene	14.27	153	214832	82.373	ng/ul 99
53) Dibenzofuran	14.61	168	161296	41.524	ng/ul 98
58) Fluorene	15.26	166	111402	34.050	ng/ul 100
68) Pentachlorophenol	16.63	266	1703	1.953	ng/ul 94
69) Phenanthrene	17.01	178	172365	31.838	ng/ul 99
71) Anthracene	17.10	178	14079	2.499	ng/ul 99
74) Carbazole	17.39	167	155873	30.633	ng/ul 98
76) Fluoranthene	19.04	202	23965	2.938	ng/ul# 94
79) Pyrene	19.40	202	14188	2.668	ng/ul 98

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

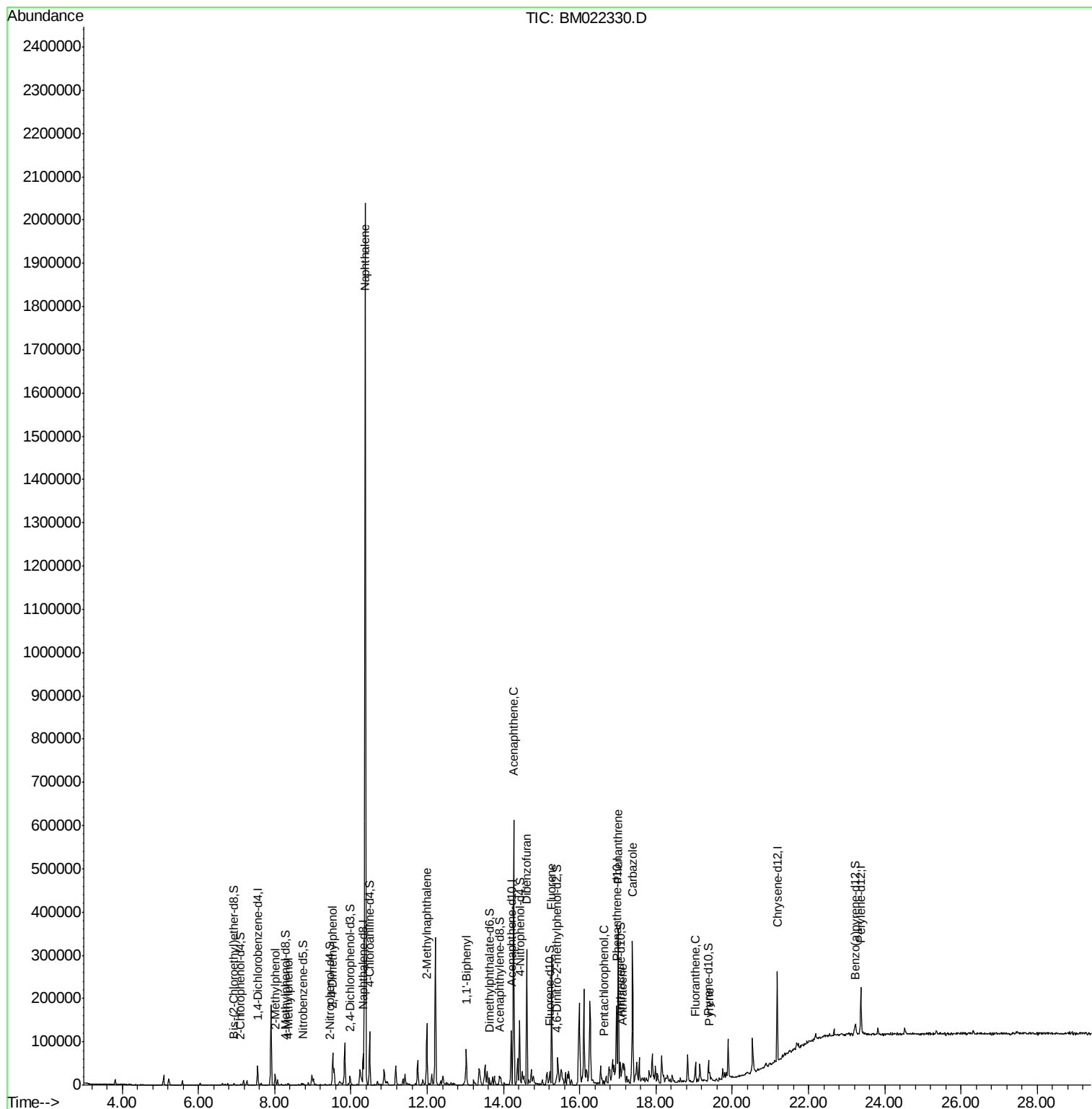
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022330.D
Acq On : 26 Aug 2019 14:43
Operator : HP/JU
Sample : K4373-11DL 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

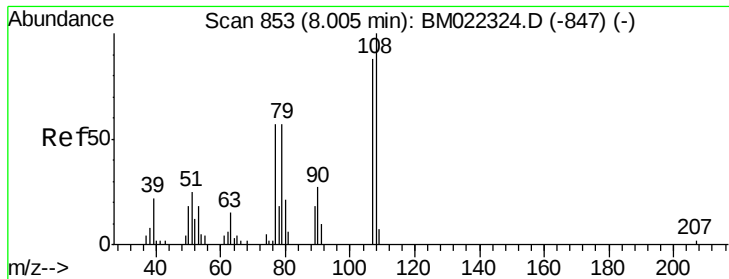
Instrument :
BNA_M
ClientSampleId :
C0AB2DL

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 27 10:56:53 2019
Response via : Initial Calibration





#11

2-Methylphenol

Concen: 8.486 ng/ul

RT: 8.02 min Scan# 855

Delta R.T. 0.01 min

Lab File: BM022330.D

Acq: 26 Aug 2019 14:43

Instrument :

BNA_M

ClientSampleId :

C0AB2DL

Tot Ion:108 Resp: 6891

Ion Ratio Lower Upper

108 100

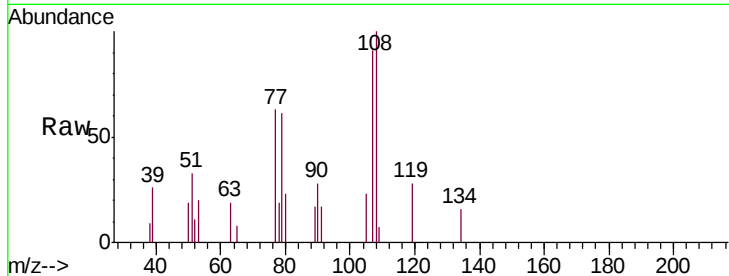
107 90.5 70.1 105.1

Manual Integrations

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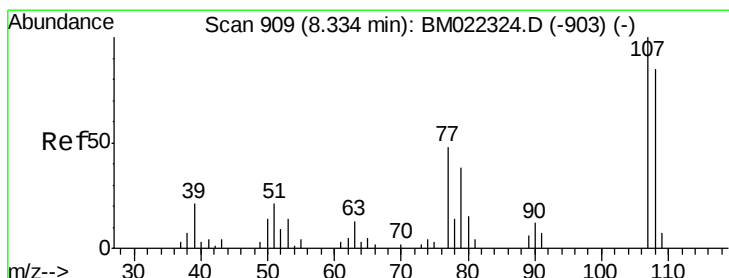
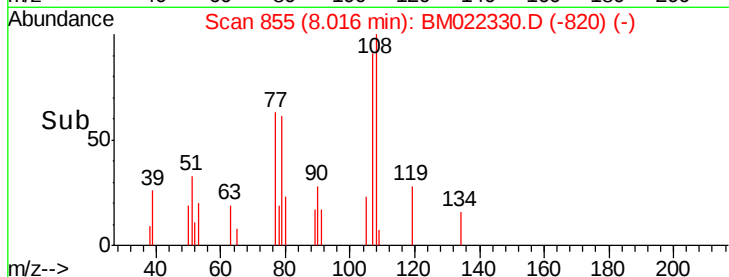
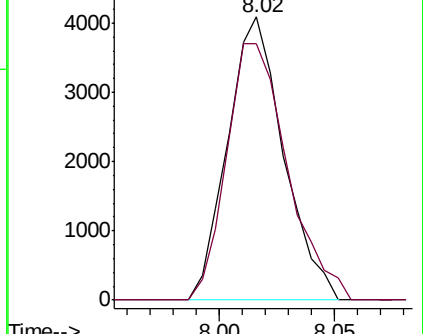
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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#16

4-Methylphenol

Concen: 2.228 ng/ul

RT: 8.35 min Scan# 911

Delta R.T. 0.01 min

Lab File: BM022330.D

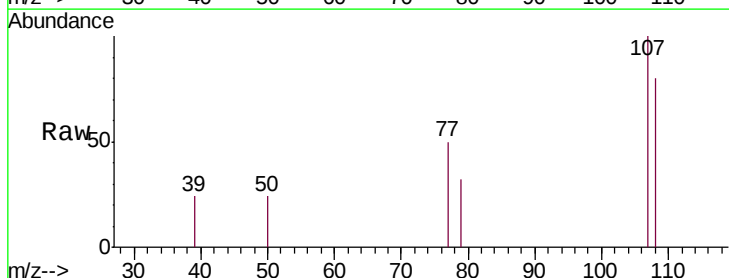
Acq: 26 Aug 2019 14:43

Tgt Ion:108 Resp: 1989

Ion Ratio Lower Upper

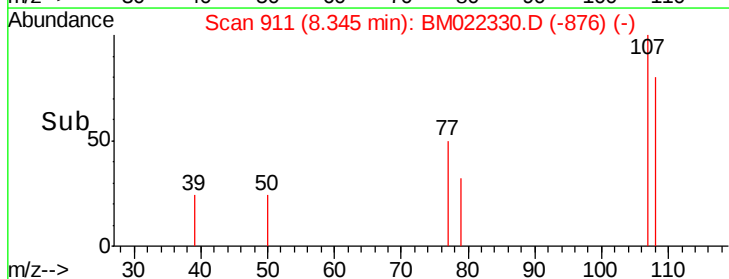
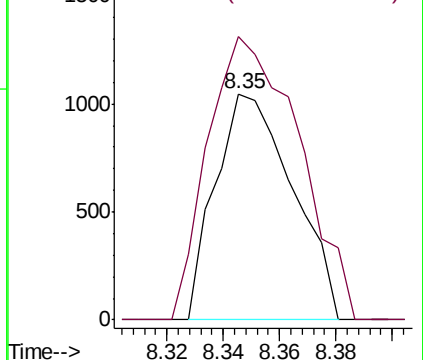
108 100

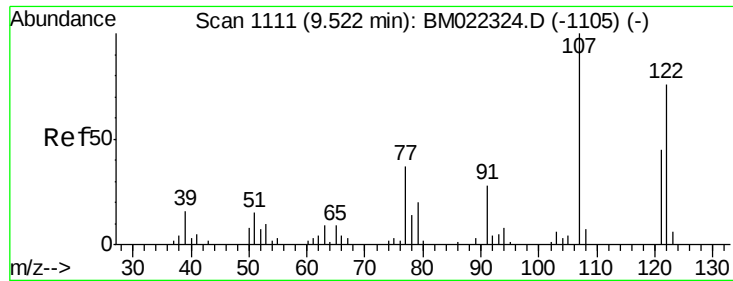
107 125.2 90.8 136.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





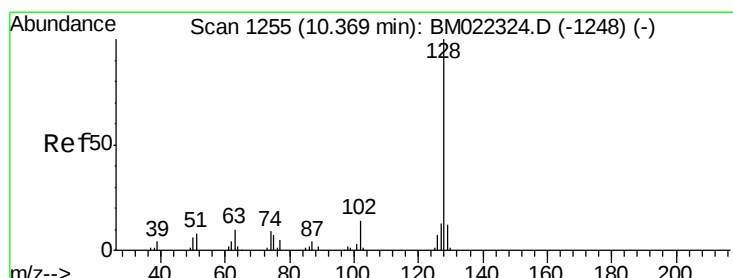
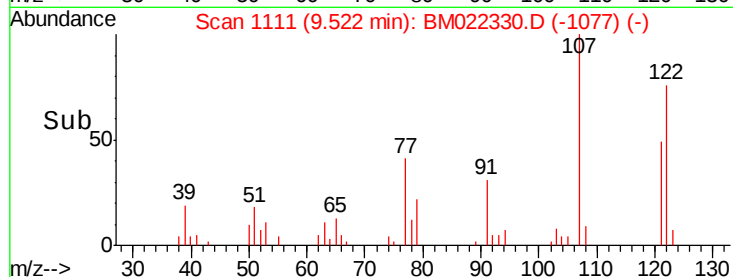
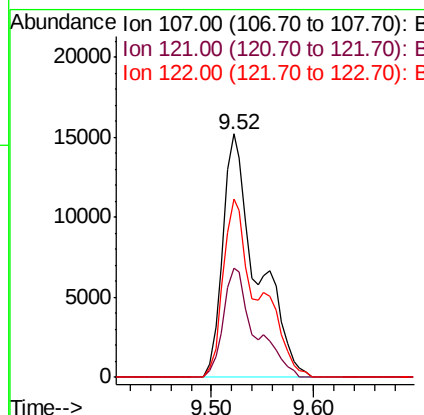
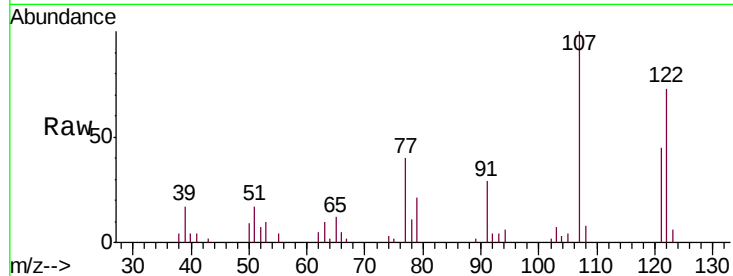
#24
2,4-Dimethylphenol
Concen: 30.200 ng/ul m
RT: 9.52 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BM022330.D
Acq: 26 Aug 2019 14:43

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Resp	Lower	Upper
107	100	35501		
121	45.0		33.6	50.4
122	73.5		58.0	87.0

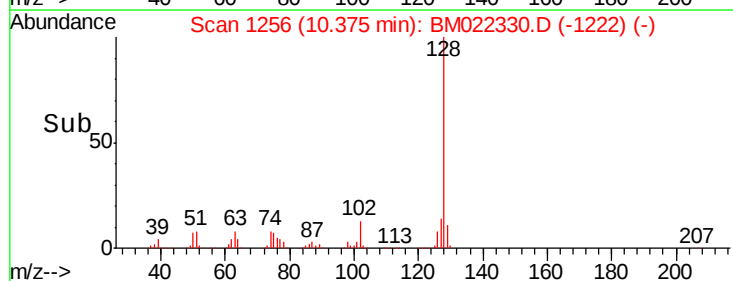
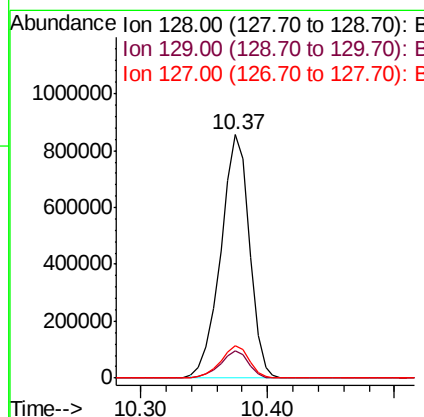
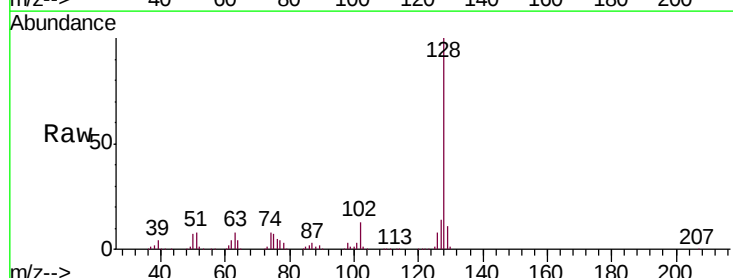
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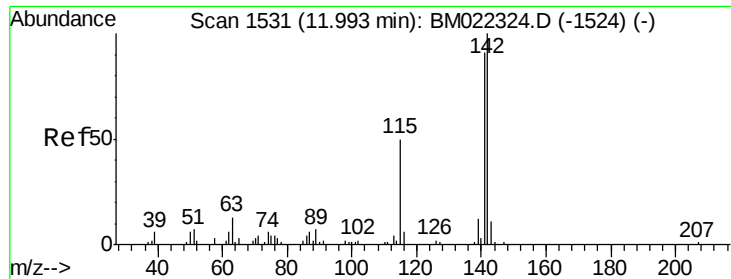
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#28
Naphthalene
Concen: 460.065 ng/ul
RT: 10.37 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM022330.D
Acq: 26 Aug 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1335146		
129	11.1		8.6	13.0
127	13.6		10.4	15.6





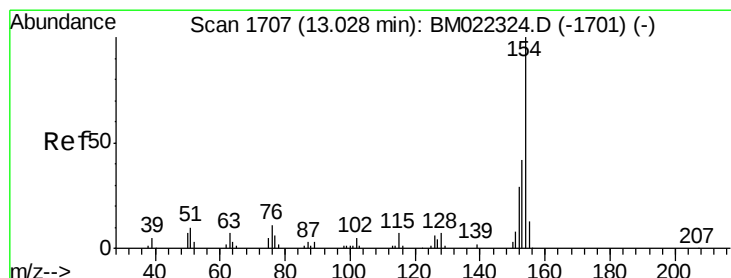
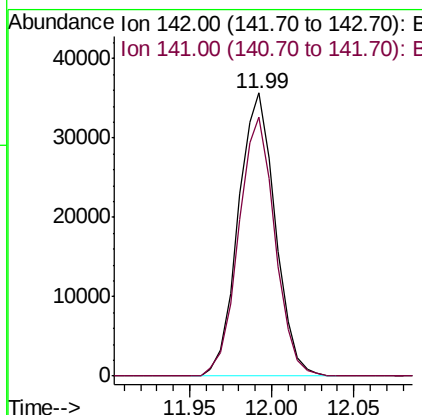
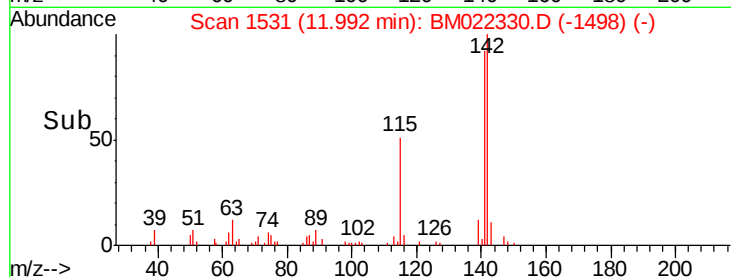
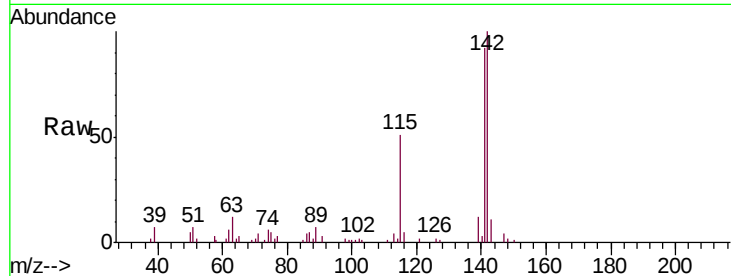
#34
2-Methylnaphthalene
Concen: 25.030 ng/ul m
RT: 11.99 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BM022330.D
Acq: 26 Aug 2019 14:43

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.1	112.7

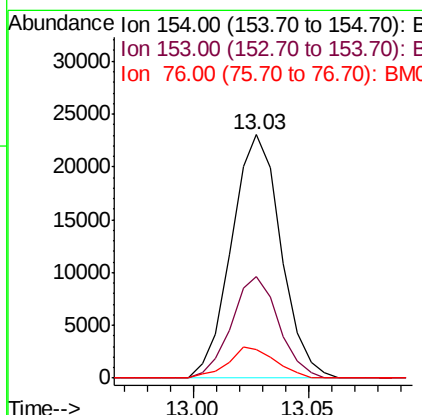
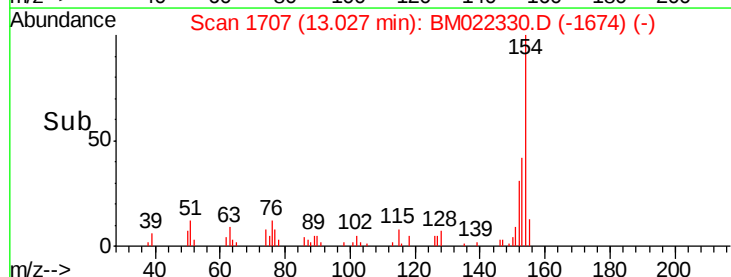
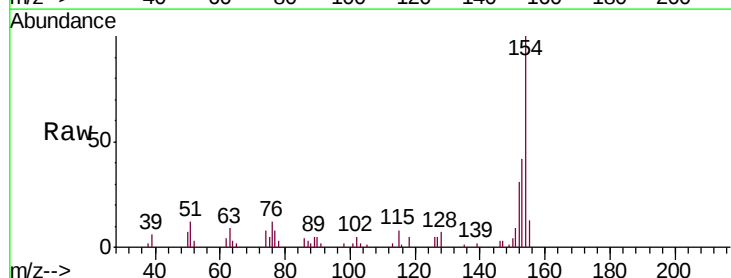
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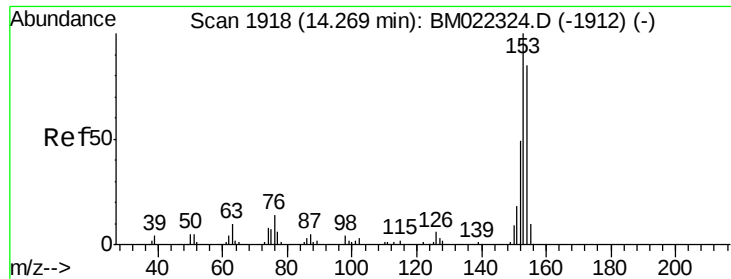
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#40
1,1'-Biphenyl
Concen: 11.299 ng/ul
RT: 13.03 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BM022330.D
Acq: 26 Aug 2019 14:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	32.5	48.7
76	12.0	9.2	13.8





#49

Acenaphthene

Concen: 82.373 ng/ul

RT: 14.27 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM022330.D

Acq: 26 Aug 2019 14:43

Instrument :

BNA_M

ClientSampleId :

C0AB2DL

Tot Ion:153 Resp: 214832
Ion Ratio Lower Upper

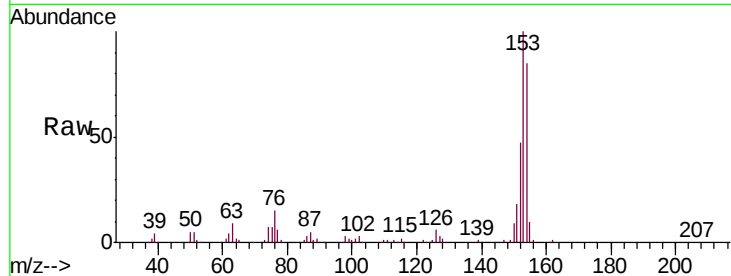
153 100

152 47.4 38.6 58.0

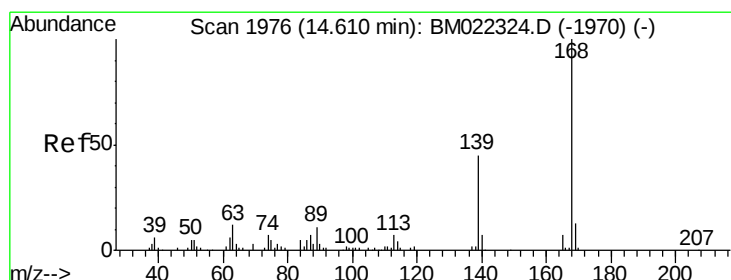
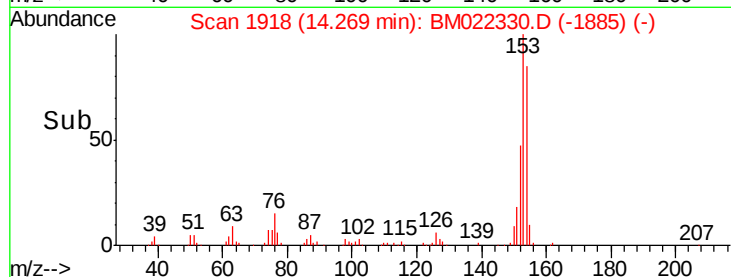
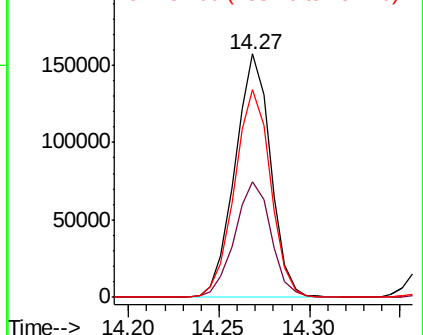
154 85.4 68.9 103.3

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 41.524 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

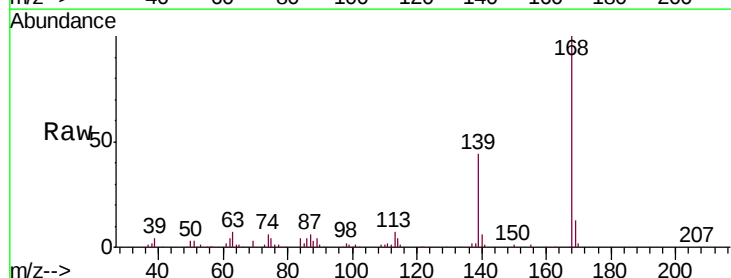
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Acq: 26 Aug 2019 14:43

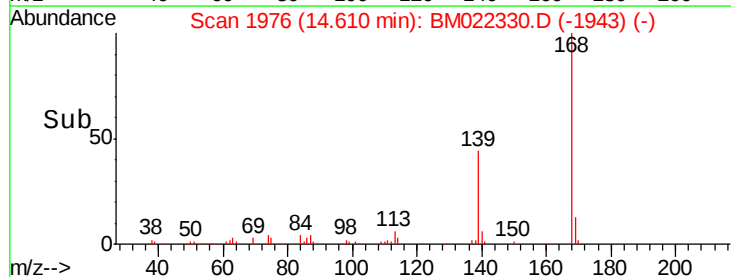
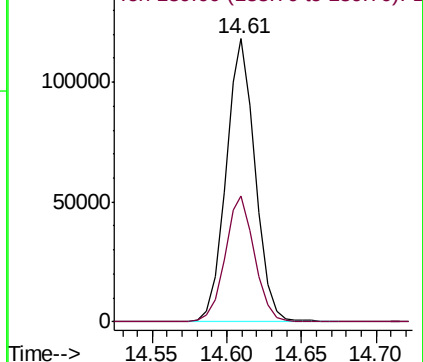
Tgt Ion:168 Resp: 161296
Ion Ratio Lower Upper

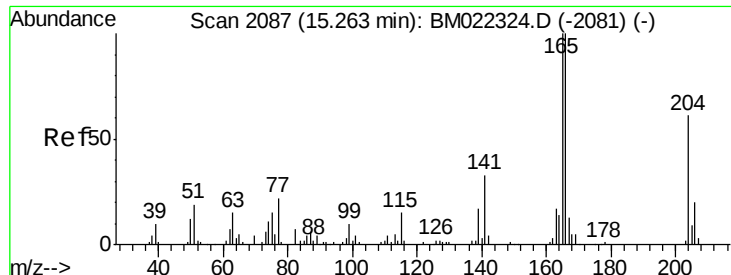
168 100

139 44.3 36.2 54.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





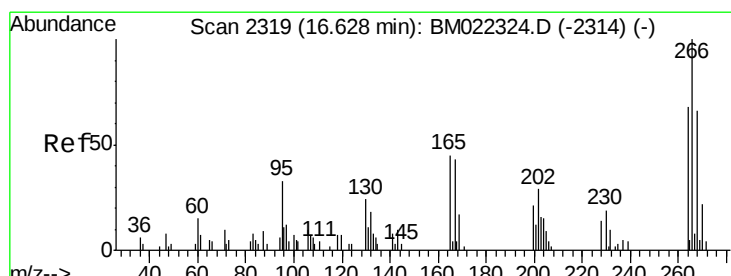
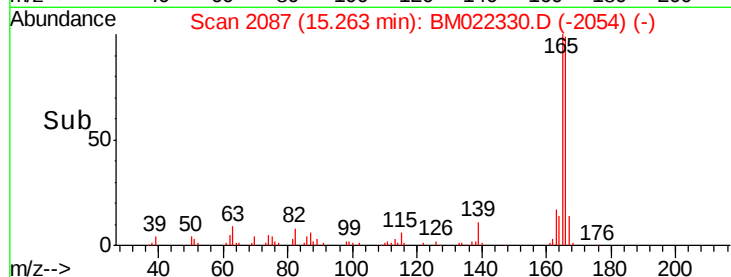
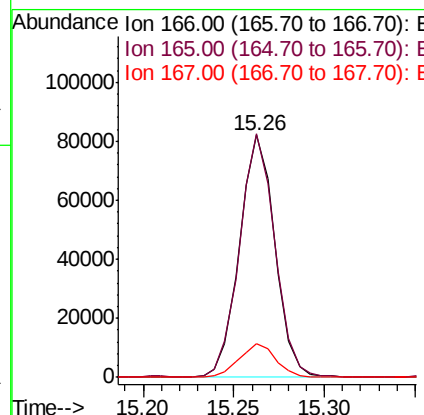
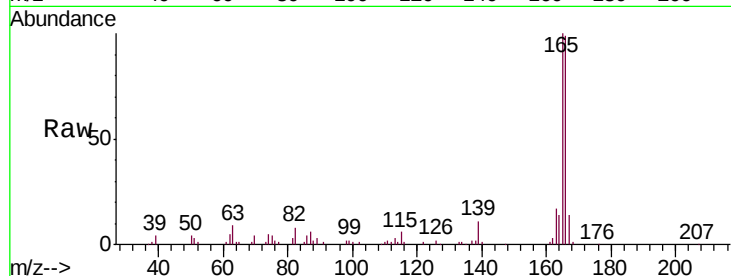
#58
Fluorene
 Concen: 34.050 ng/ul
 RT: 15.26 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: BM022330.D
 Acq: 26 Aug 2019 14:43

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	111402		
165	100.6	80.2	120.2	
167	13.8	11.4	17.0	

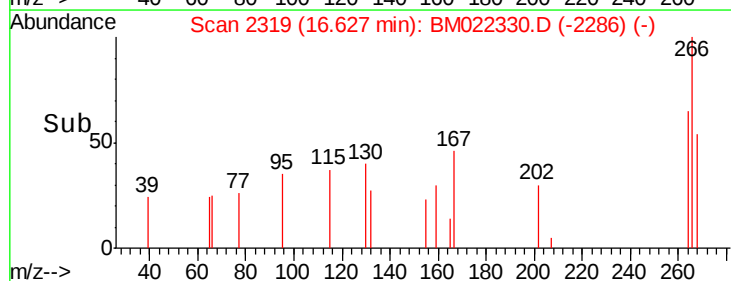
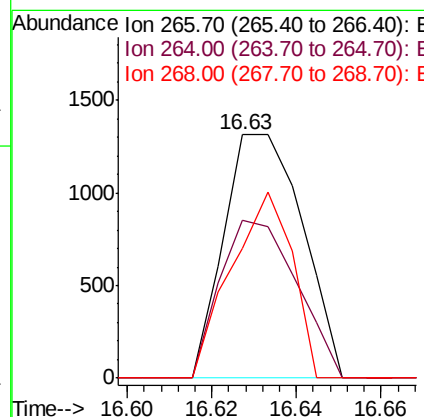
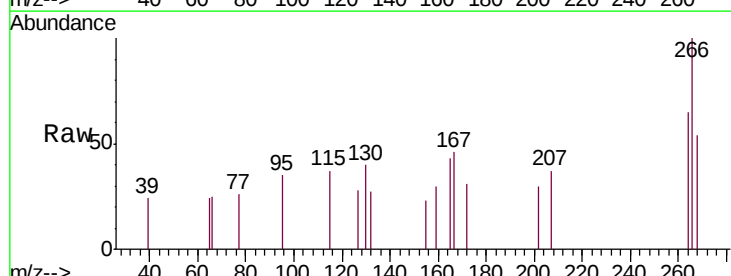
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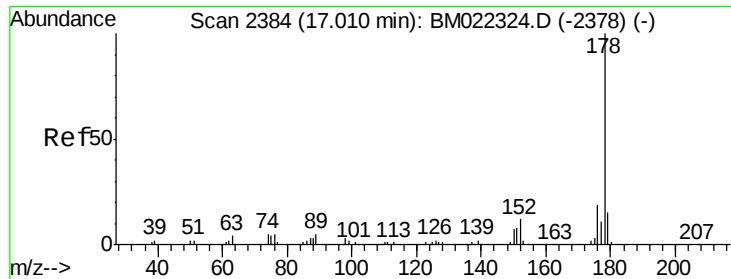
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#68
Pentachlorophenol
 Concen: 1.953 ng/ul
 RT: 16.63 min Scan# 2319
 Delta R.T. -0.01 min
 Lab File: BM022330.D
 Acq: 26 Aug 2019 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1703		
264	64.6	51.3	76.9	
268	53.5	49.4	74.2	





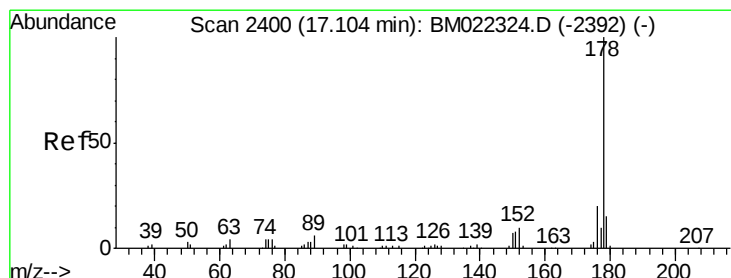
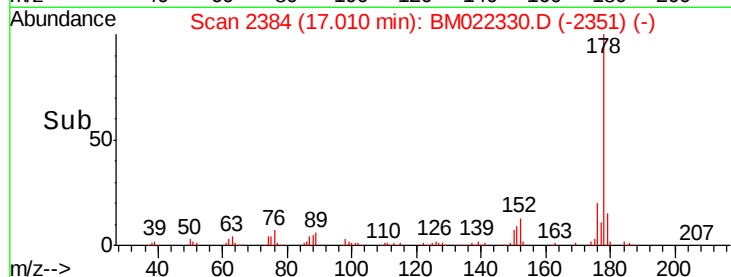
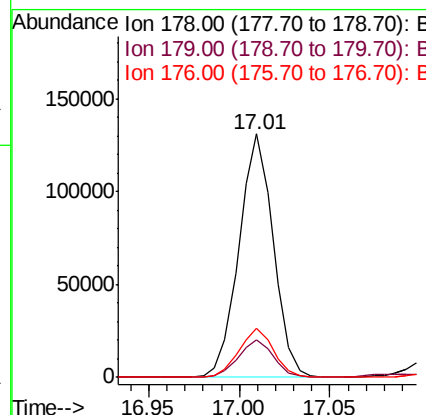
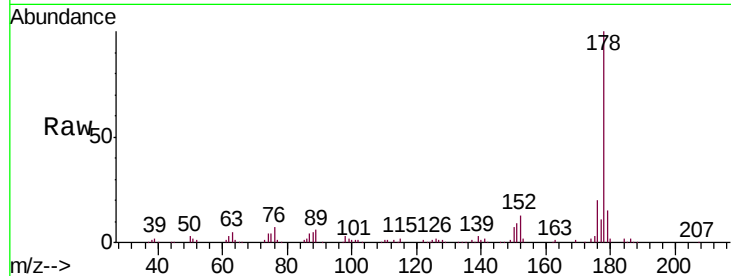
#69
Phenanthrene
Concen: 31.838 ng/ul
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM022330.D
Acq: 26 Aug 2019 14:43

Instrument :
BNA_M
ClientSampleId :
C0AB2DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	19.9	15.4	23.0

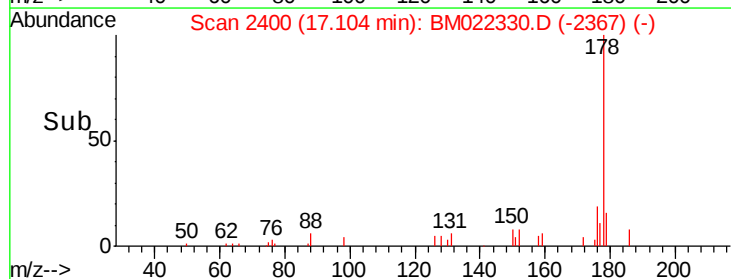
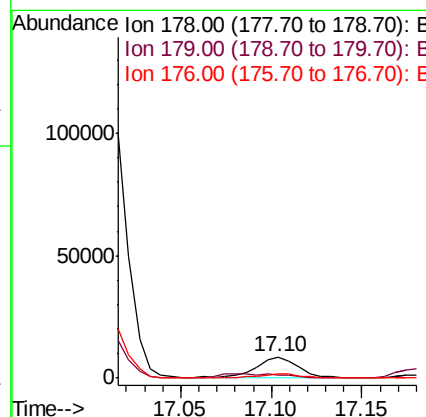
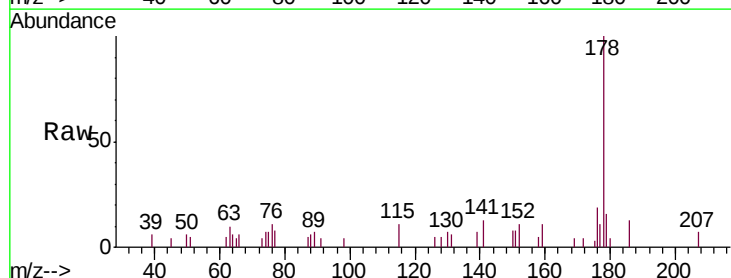
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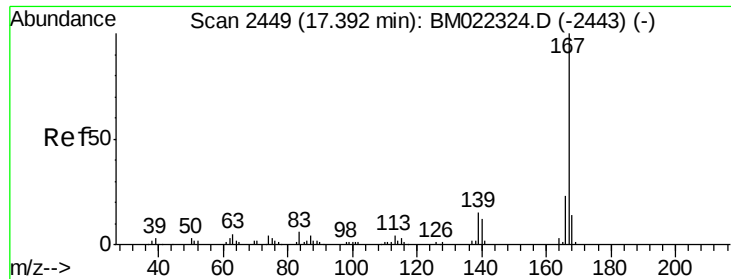
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#71
Anthracene
Concen: 2.499 ng/ul
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM022330.D
Acq: 26 Aug 2019 14:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.1	15.5	23.3





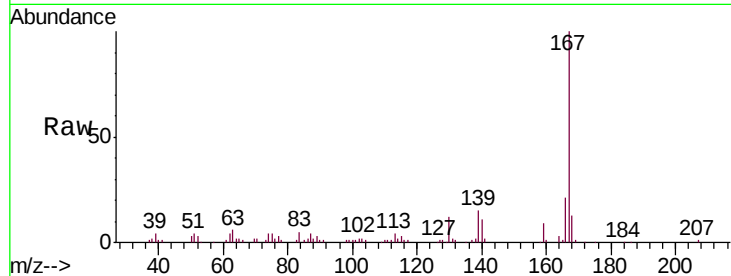
#74
 Carbazole
 Concen: 30.633 ng/ul
 RT: 17.39 min Scan# 2448
 Delta R.T. -0.01 min
 Lab File: BM022330.D
 Acq: 26 Aug 2019 14:43

Instrument :
 BNA_M
 ClientSampleId :
 C0AB2DL

Tot Ion	Ratio	Resp	Lower	Upper
167	100	155873		
166	21.0		17.8	26.8
139	15.0		11.8	17.8

Manual Integrations
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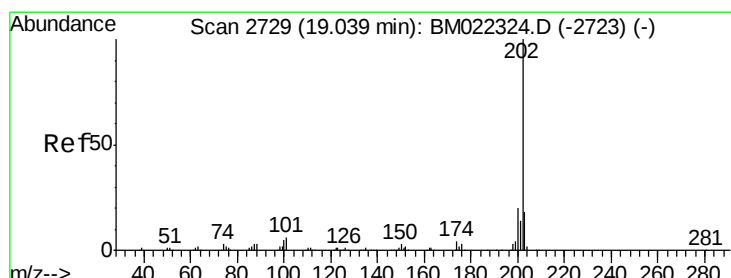
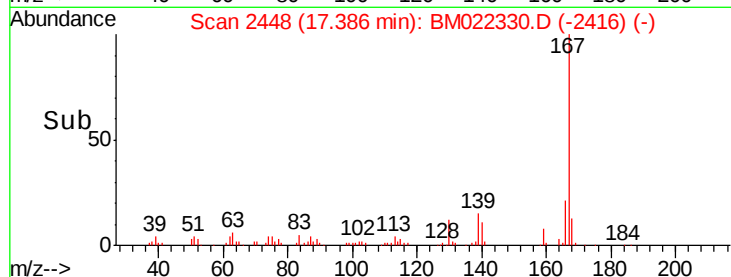
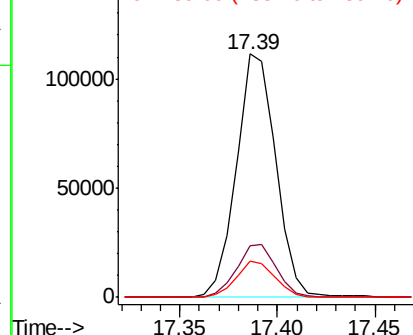


Abundance

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



#76
 Fluoranthene
 Concen: 2.938 ng/ul
 RT: 19.04 min Scan# 2729
 Delta R.T. -0.01 min
 Lab File: BM022330.D
 Acq: 26 Aug 2019 14:43

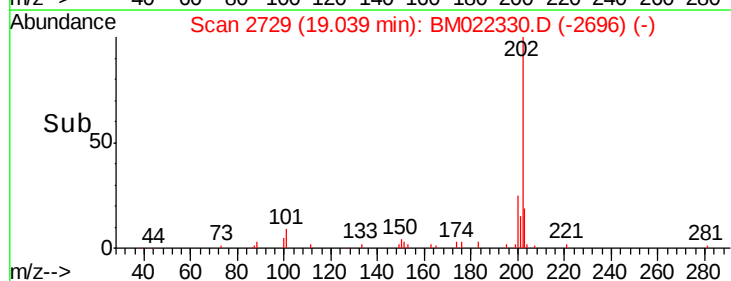
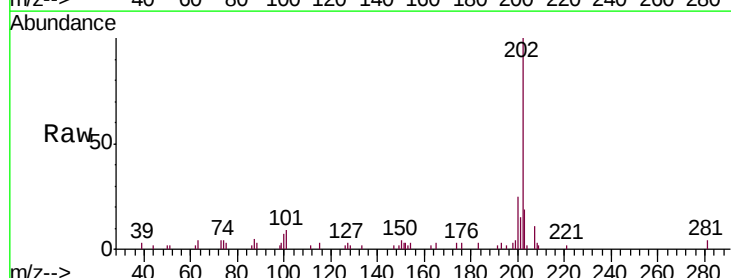
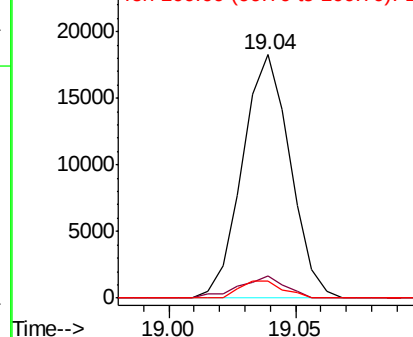
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	23965		
101	9.1		5.3	7.9#
100	7.0		4.6	6.8#

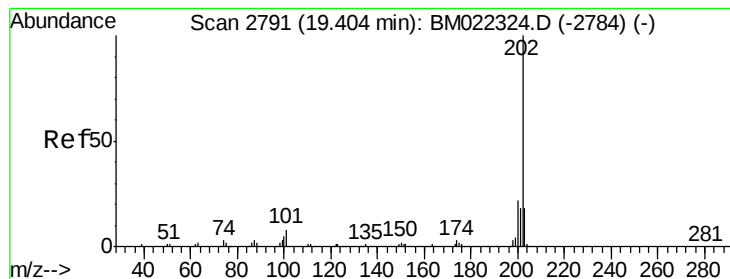
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#79

Pvrene

Concen: 2.668 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM022330.D

Acq: 26 Aug 2019 14:43

Instrument :

BNA_M

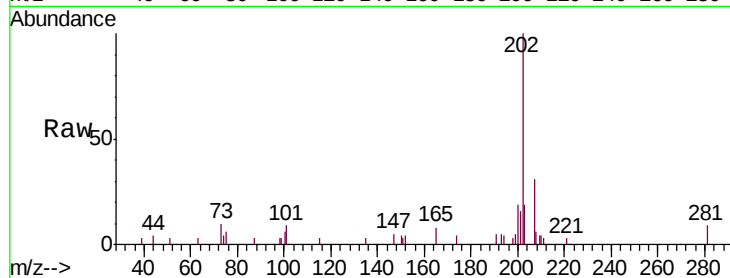
ClientSampleId :

C0AB2DL

Tot Ion:	202	Resp:	14188
Ion Ratio	Lower	Upper	
202	100		
101	9.0	7.0	10.4
100	6.4	5.8	8.8

Manual Integrations
APPROVED

mohammad
8/28/2019 9:59:49 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

