

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
 Data File : BM022331.D
 Acq On : 26 Aug 2019 15:19
 Operator : HP/JU
 Sample : K4373-14DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2DL

Manual Integrations
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 8/28/2019 9:59:51 AM

Quant Time: Aug 27 15:10:28 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	23342	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	112318	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	82552	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	197909	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	192355	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	170445	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	6.93	67	1004	0.86	ng/ul	0.02
9) 2-Chlorophenol-d4	7.10	132	1207	0.74	ng/ul	0.01
13) 4-Methylphenol-d8	8.28	113	649	0.37	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	621	0.74	ng/ul	0.01
22) 2-Nitrophenol-d4	9.43	143	686	0.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	2555	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	2592	1.07	ng/ul	0.01
43) Dimethylphthalate-d6	13.63	166	9798	1.35	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	9939	1.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	563	0.52	ng/ul	-0.05
57) Fluorene-d10	15.20	176	9496	1.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	590	0.39	ng/ul	0.02
70) Anthracene-d10	17.06	188	15343	1.46	ng/ul	-0.01
78) Pyrene-d10	19.37	212	17802	1.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	12395	1.32	ng/ul	0.00

Target Compounds

					Ovalue
11) 2-Methylphenol	8.01	108	15061	8.866	ng/ul 98
16) 4-Methylphenol	8.34	108	13132	7.031	ng/ul 98
24) 2,4-Dimethylphenol	9.52	107	175609m	69.942	ng/ul
28) Naphthalene	10.39	128	6024548	971.950	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	239167	50.080	ng/ul 98
40) 1,1'-Biphenyl	13.02	154	29433	4.381	ng/ul 97
47) Acenaphthylene	13.92	152	13515	1.664	ng/ul 97
49) Acenaphthene	14.27	153	71933	12.478	ng/ul 99
53) Dibenzofuran	14.61	168	86075	10.025	ng/ul 98
58) Fluorene	15.26	166	57916	8.008	ng/ul 99
69) Phenanthrene	17.01	178	83246	7.031	ng/ul 100
74) Carbazole	17.39	167	199098	17.891	ng/ul 99

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

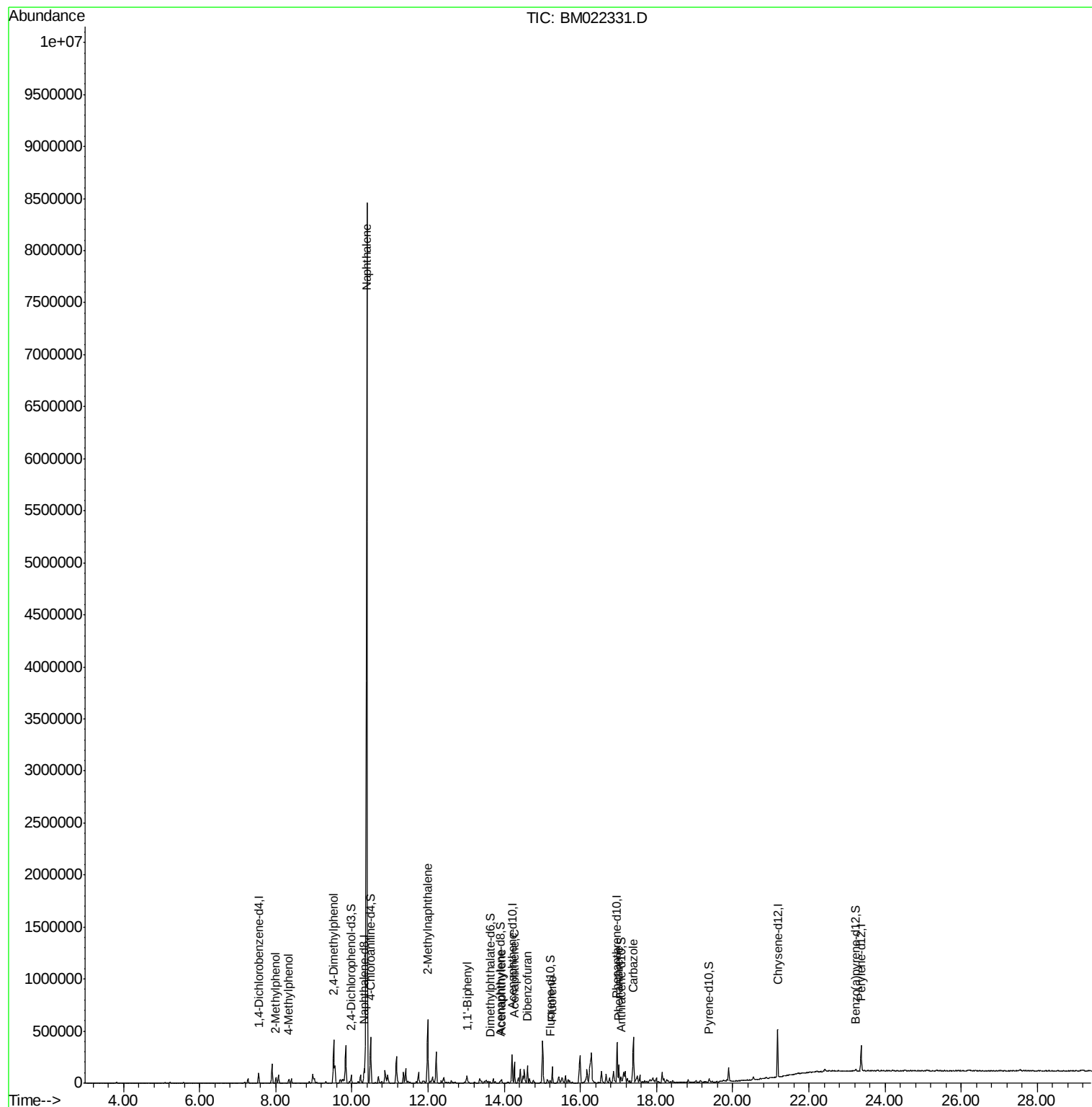
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\
Data File : BM022331.D
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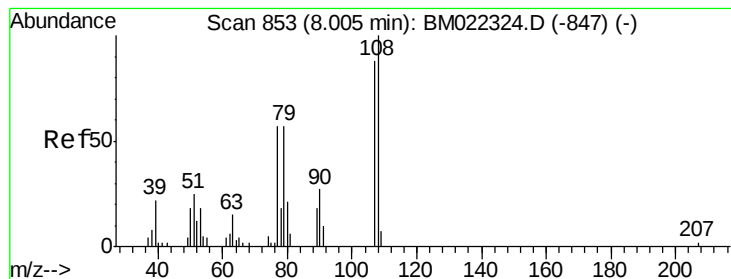
Instrument :
BNA_M
ClientSampleId :
C0AD2DL

Quant Time: Aug 27 15:10:28 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
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#11

2-Methylphenol

Concen: 8.866 ng/ul

RT: 8.01 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

ClientSampleID :

C0AD2DL

Tot Ion:108 Resp: 15061

Ion Ratio Lower Upper

108 100

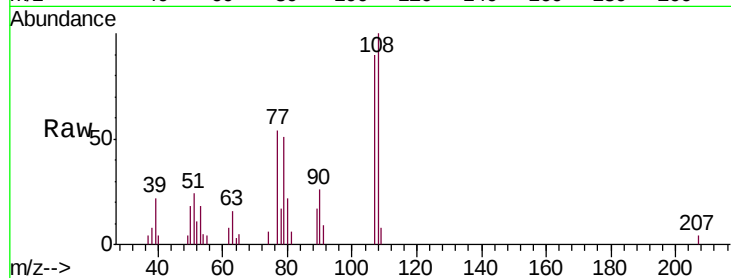
107 89.6 70.1 105.1

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

10000

8000

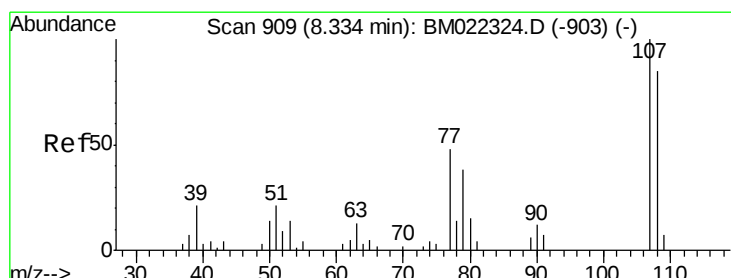
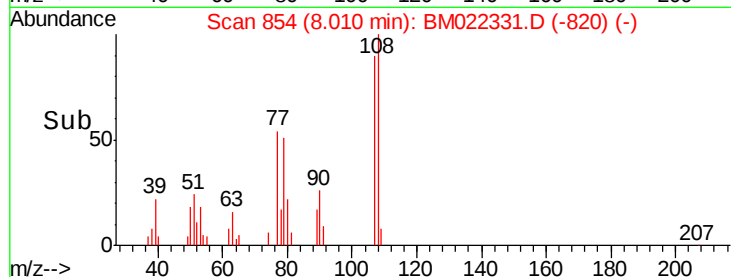
6000

4000

2000

0

Time--> 7.95 8.00 8.05



#16

4-Methylphenol

Concen: 7.031 ng/ul

RT: 8.34 min Scan# 910

Delta R.T. 0.00 min

Lab File: BM022331.D

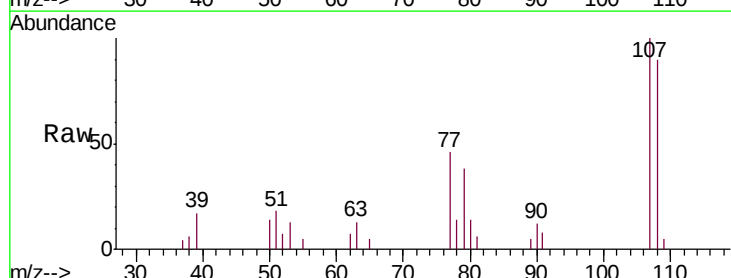
Acq: 26 Aug 2019 15:19

Tgt Ion:108 Resp: 13132

Ion Ratio Lower Upper

108 100

107 110.9 90.8 136.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8000

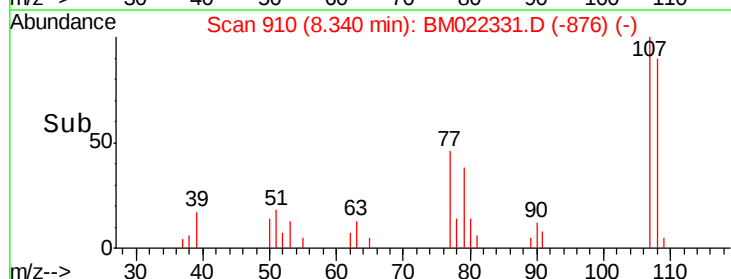
6000

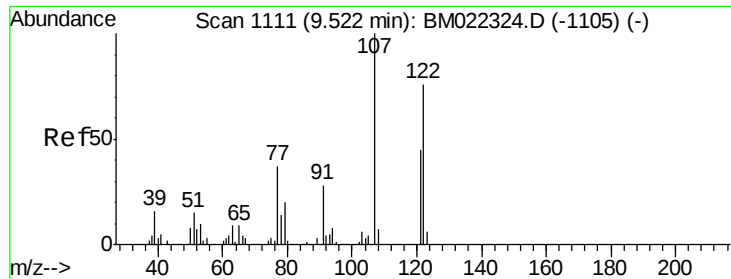
4000

2000

0

Time--> 8.30 8.35 8.40





#24

2,4-Dimethylphenol

Concen: 69.942 ng/ul m

RT: 9.52 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

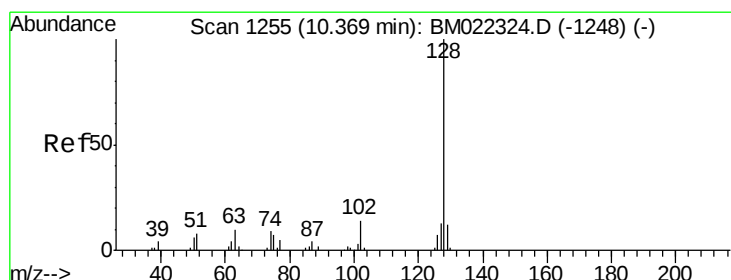
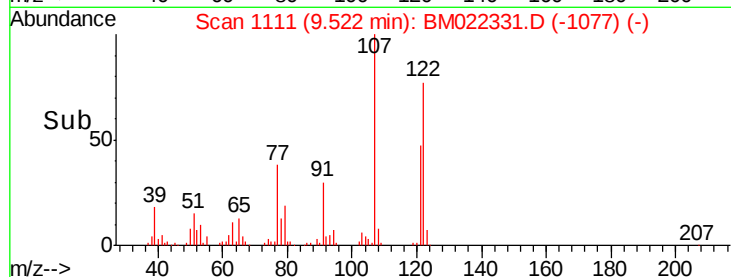
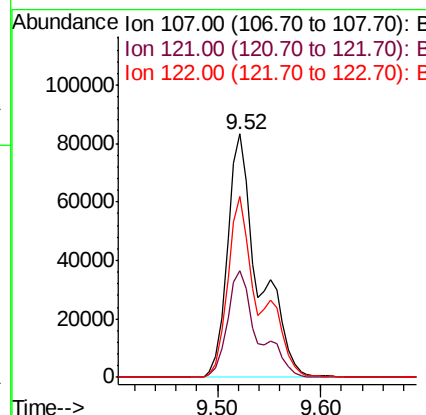
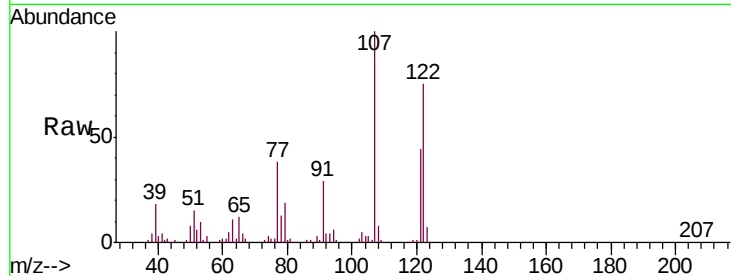
ClientSampled :

C0AD2DL

Tot Ion:	107	Resp:	175609
Ion Ratio	Lower	Upper	
107	100		
121	44.0	33.6	50.4
122	74.5	58.0	87.0

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#28

Naphthalene

Concen: 971.950 ng/ul

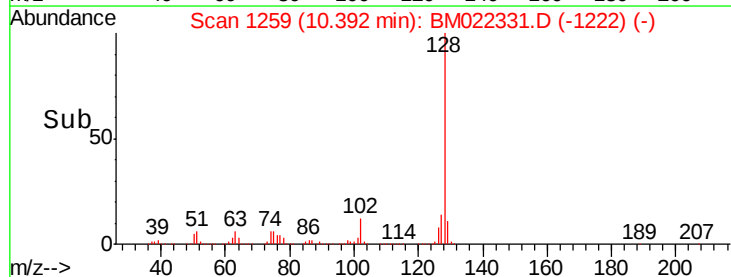
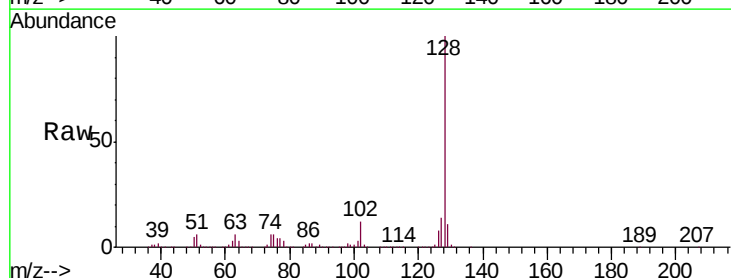
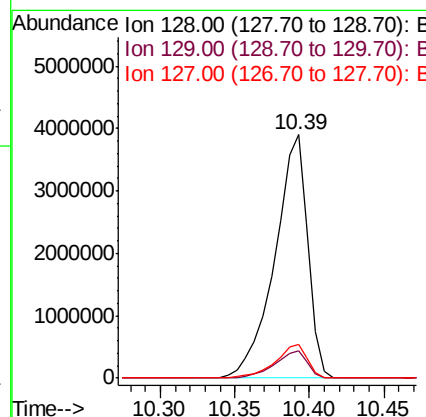
RT: 10.39 min Scan# 1259

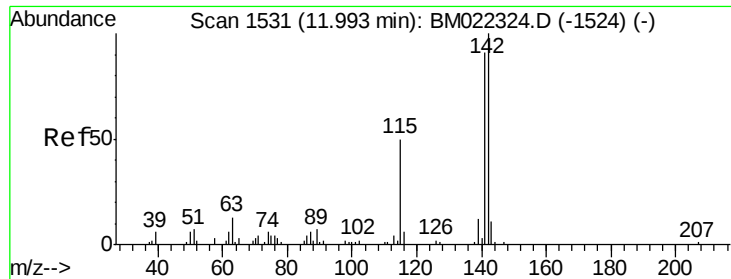
Delta R.T. 0.02 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Tgt Ion:	128	Resp:	6024548
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.7	10.4	15.6





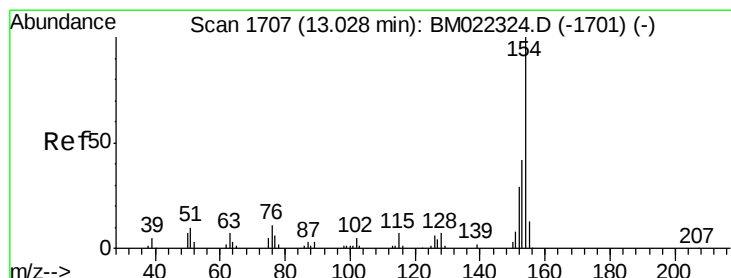
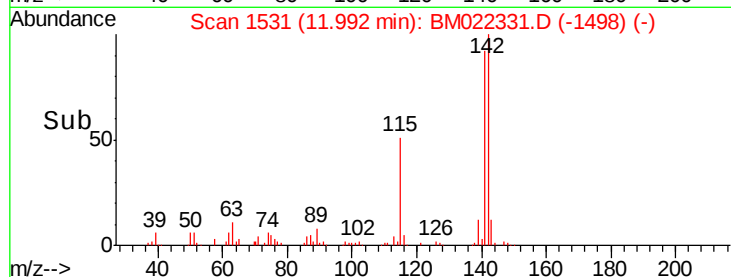
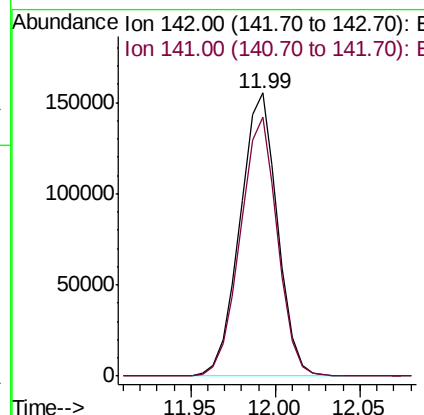
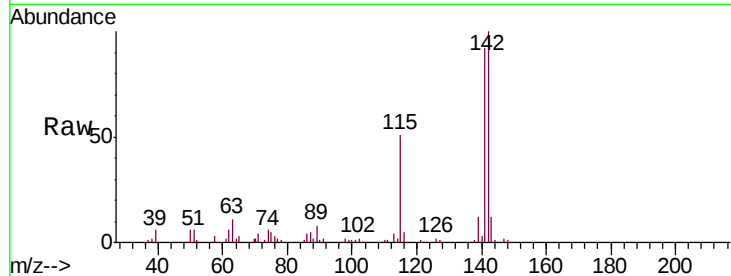
#34
 2-Methylnaphthalene
 Concen: 50.080 ng/ul
 RT: 11.99 min Scan# 1531
 Delta R.T. -0.01 min
 Lab File: BM022331.D
 Acq: 26 Aug 2019 15:19

Instrument :
 BNA_M
 ClientSampleId :
 C0AD2DL

Tot Ion	Ratio	Resp	Lower	Upper
142	100	239167		
141	91.5	75.1	112.7	

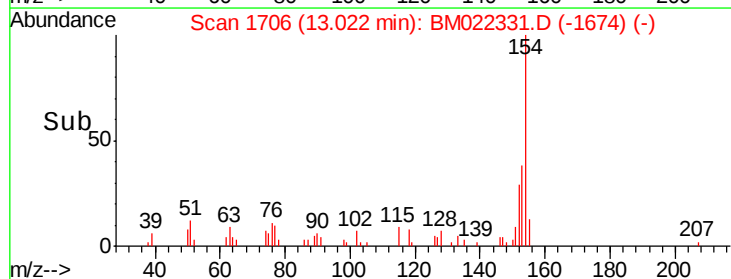
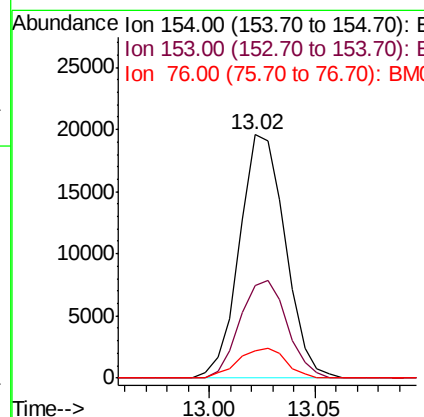
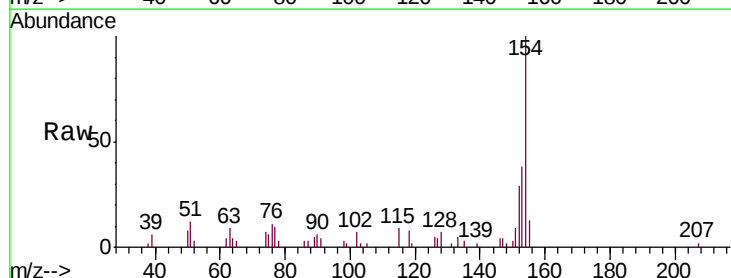
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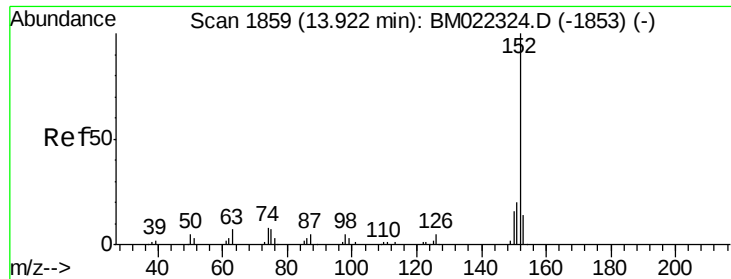
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#40
 1,1'-Biphenyl
 Concen: 4.381 ng/ul
 RT: 13.02 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BM022331.D
 Acq: 26 Aug 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	29433		
153	38.0	32.5	48.7	
76	11.2	9.2	13.8	





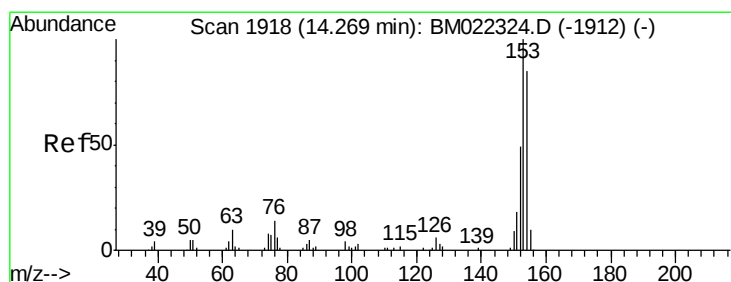
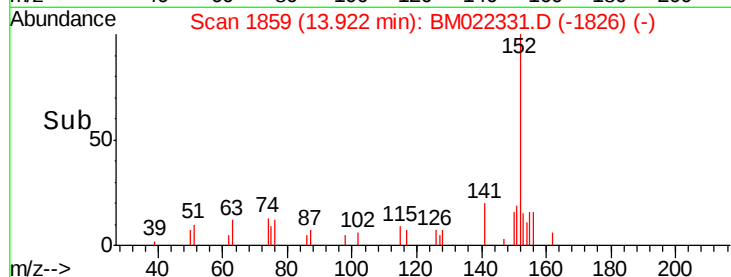
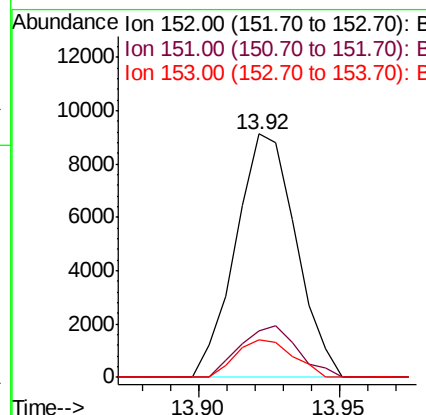
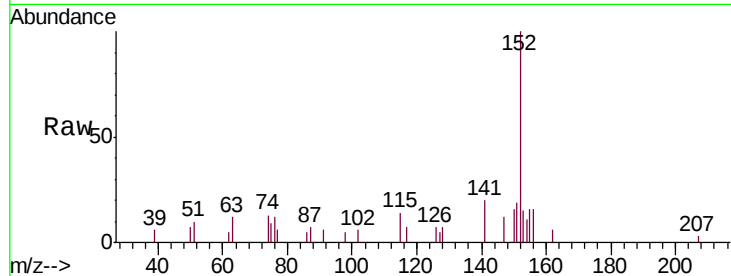
#47
Acenaphthylene
Concen: 1.664 ng/ul
RT: 13.92 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AD2DL

Tot Ion:	152	Resp:	13515
Ion Ratio	Lower	Upper	
152	100		
151	19.2	16.0	24.0
153	15.4	10.4	15.6

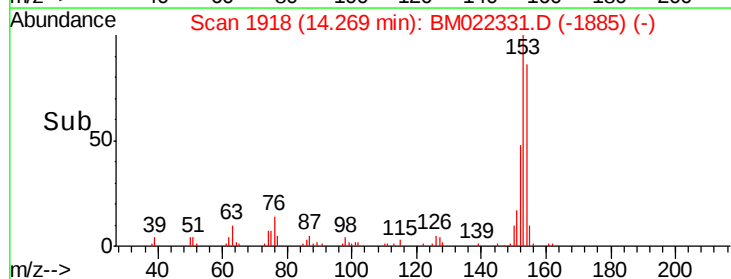
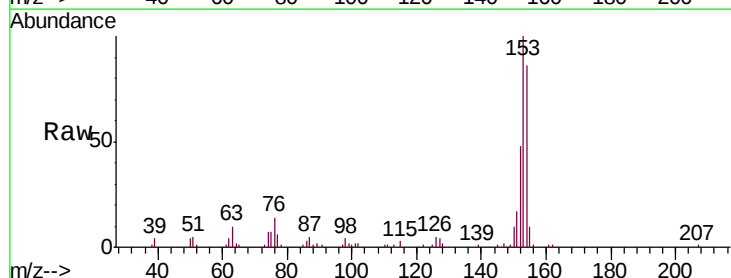
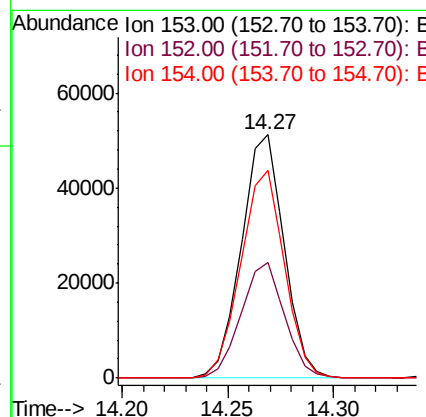
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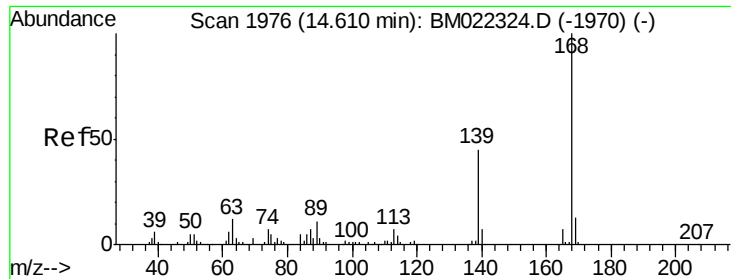
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#49
Acenaphthene
Concen: 12.478 ng/ul
RT: 14.27 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Tgt Ion:	153	Resp:	71933
Ion Ratio	Lower	Upper	
153	100		
152	47.7	38.6	58.0
154	85.5	68.9	103.3





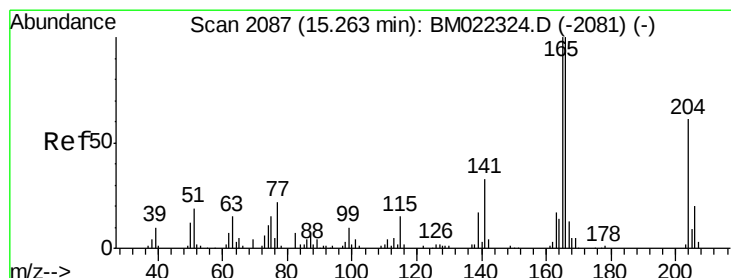
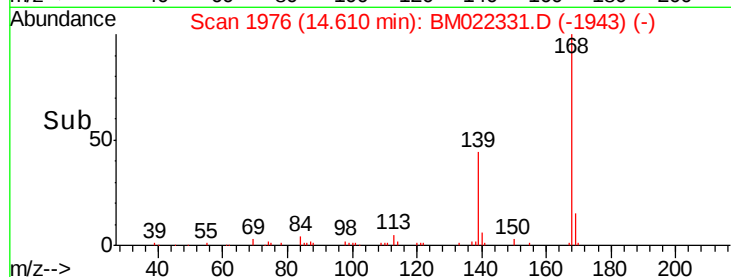
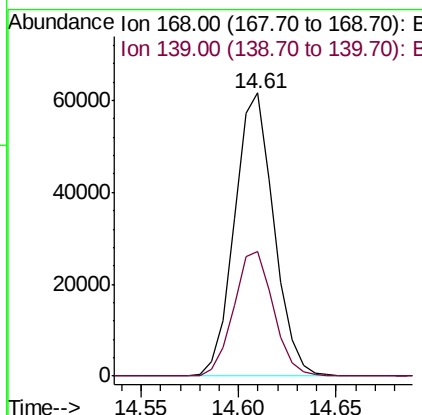
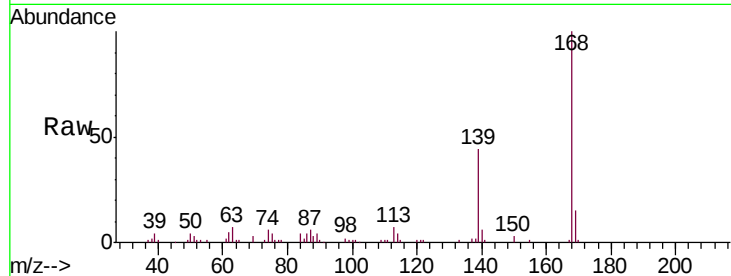
#53
Dibenzofuran
Concen: 10.025 ng/ul
RT: 14.61 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Instrument :
BNA_M
ClientSampleId :
C0AD2DL

Tot Ion:168 Resp: 86075
Ion Ratio Lower Upper
168 100
139 43.9 36.2 54.4

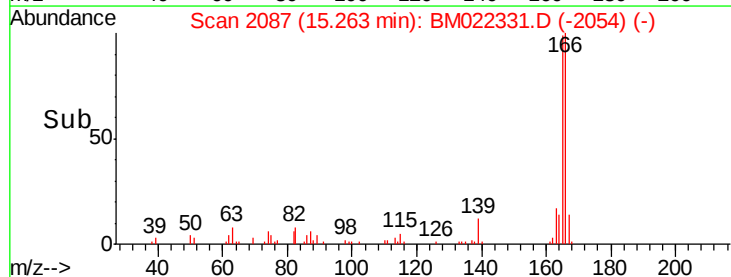
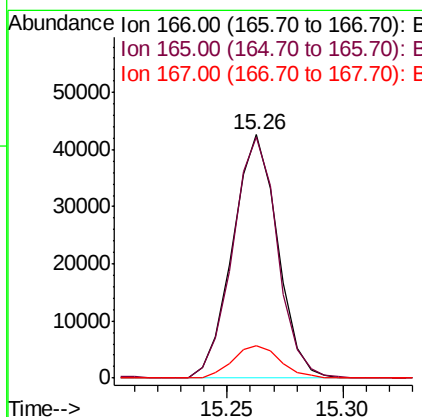
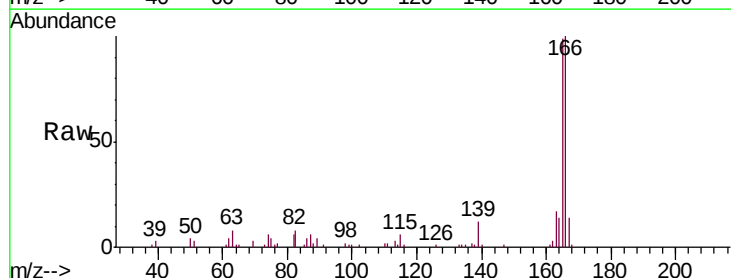
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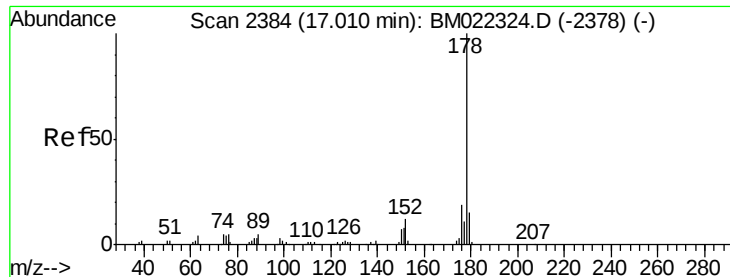
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#58
Fluorene
Concen: 8.008 ng/ul
RT: 15.26 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM022331.D
Acq: 26 Aug 2019 15:19

Tgt Ion:166 Resp: 57916
Ion Ratio Lower Upper
166 100
165 99.1 80.2 120.2
167 13.5 11.4 17.0





#69

Phenanthrene

Concen: 7.031 ng/ul

RT: 17.01 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Instrument :

BNA_M

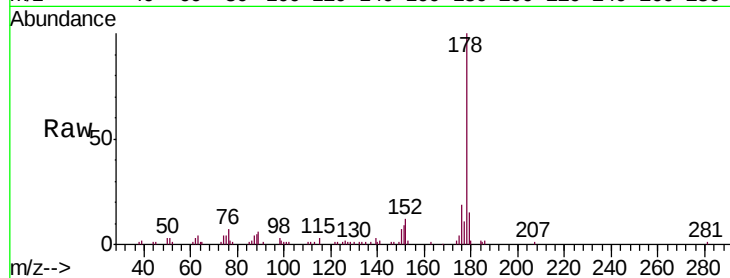
ClientSampleId :

C0AD2DL

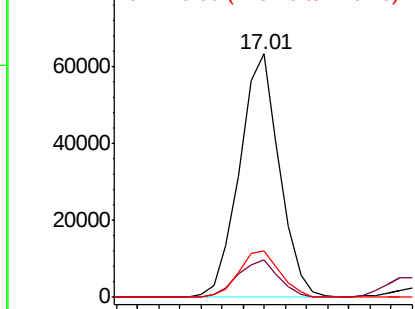
Tot Ion:	178	Resp:	83246
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.9	15.4	23.0

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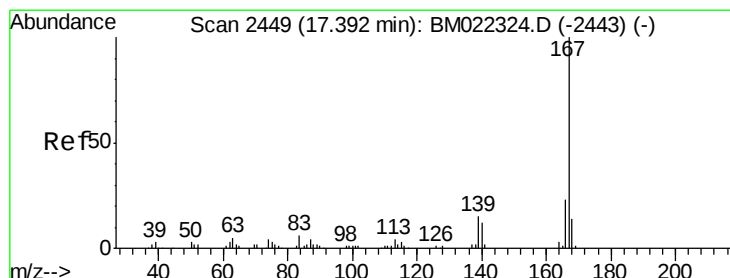
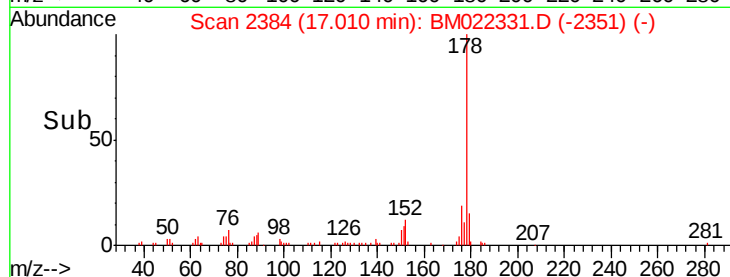
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#74

Carbazole

Concen: 17.891 ng/ul

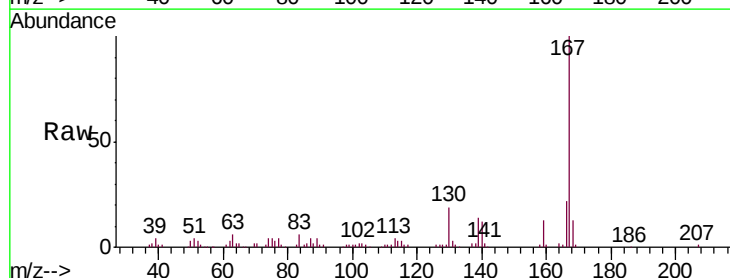
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Delta R.T. -0.01 min

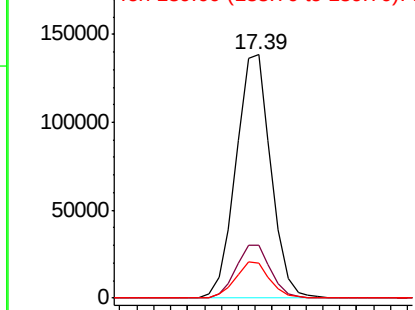
Lab File: BM022331.D

Acq: 26 Aug 2019 15:19

Tgt Ion:	167	Resp:	199098
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	14.4	11.8	17.8



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



Time-->

