

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024368.D
 Acq On : 30 Dec 2019 12:10
 Operator : JU
 Sample : K6322-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C30

Manual Integrations
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 12/31/2019 8:28:22 AM

Quant Time: Dec 30 14:22:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 30 14:11:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	198888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	800056	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	463439	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	946041	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1005688	20.00	ng/ul	0.01
86) Perylene-d12	23.19	264	1169075	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	19684	4.37	ng/uL	0.01
5) Phenol-d5	6.62	99	388927	20.65	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.77	67	262738	23.26	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	307294	22.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	282828	18.37	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	138869	24.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	152367	24.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	275446	22.42	ng/ul	0.01
29) 4-Chloroaniline-d4	10.35	131	210289	14.09	ng/ul	0.01
44) Dimethylphthalate-d6	13.50	166	868436	25.34	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1058836	25.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	58747	9.55	ng/ul	0.02
58) Fluorene-d10	15.08	176	778613	25.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	62096	10.76	ng/ul	0.01
71) Anthracene-d10	16.94	188	1151289	26.75	ng/ul	0.00
79) Pyrene-d10	19.25	212	1268674	26.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1555679	26.79	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.65	94	77716	3.997	ng/ul	92
14) Acetophenone	8.26	105	28366	1.222	ng/ul	94
28) Naphthalene	10.23	128	177992	4.246	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	77085	2.572	ng/ul	99
45) Dimethylphthalate	13.55	163	220985	6.205	ng/ul	100
48) Acenaphthylene	13.79	152	1766497	40.519	ng/ul	99
50) Acenaphthene	14.14	153	106732	3.561	ng/ul	99
54) Dibenzofuran	14.49	168	297568	7.141	ng/ul	96
59) Fluorene	15.14	166	612091	17.393	ng/ul	100
70) Phenanthrene	16.89	178	9329040	176.141	ng/ul	99
72) Anthracene	16.97	178	2776589	52.146	ng/ul	100
75) Carbazole	17.25	167	221489	4.842	ng/ul	96
77) Fluoranthene	18.92	202	15547219m	269.325	ng/ul	
80) Pyrene	19.29	202	13805708m	210.276	ng/ul	
83) Benzo(a)anthracene	21.05	228	9990337	155.915	ng/ul	93
85) Chrysene	21.10	228	8441938	134.415	ng/ul	96
88) Benzo(b)fluoranthene	22.57	252	11665741	166.770	ng/ul	97
89) Benzo(k)fluoranthene	22.61	252	3868630	56.366	ng/ul	98
91) Benzo(a)pyrene	23.11	252	7556170	119.408	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.30	276	4803100	63.211	ng/ul	96
93) Dibenzo(a,h)anthracene	25.29	278	1611016	25.289	ng/ul#	92
94) Benzo(a,h,i)perylene	25.93	276	3847099	62.009	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

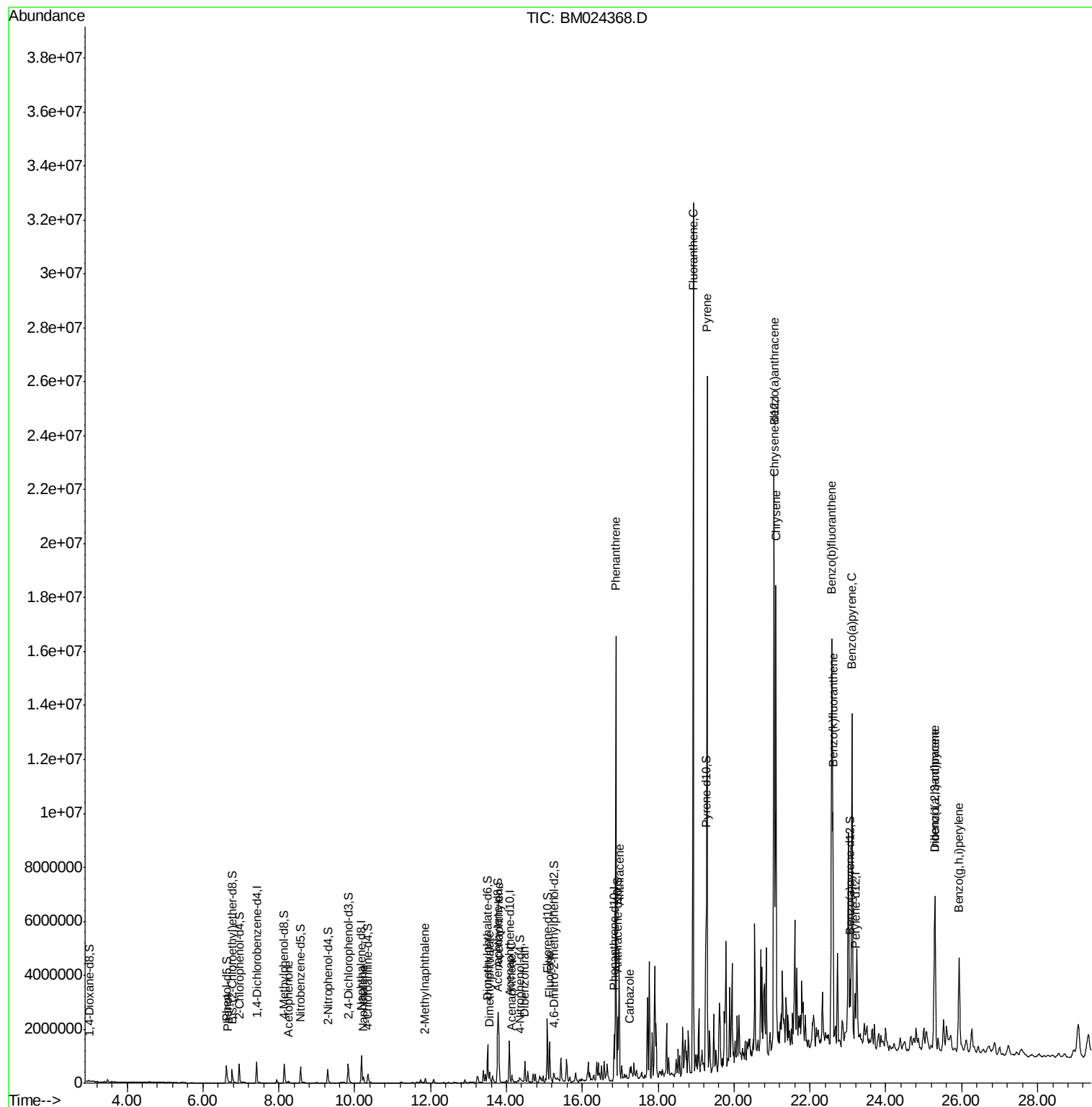
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
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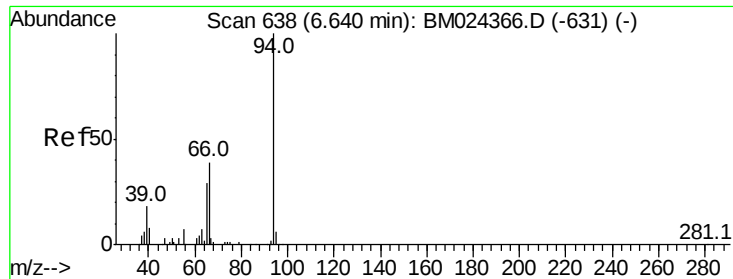
Instrument :
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#6

Phenol

Concen: 3.997 ng/ul

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM024368.D

Acq: 30 Dec 2019 12:10

Instrument :

BNA_M

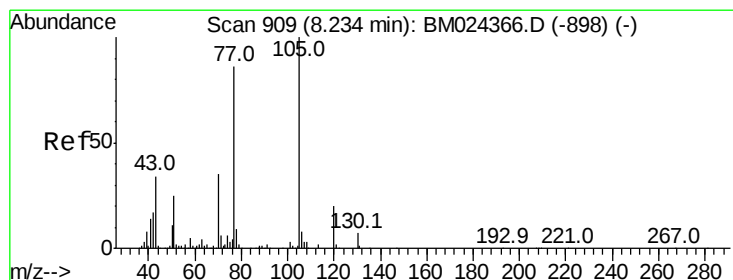
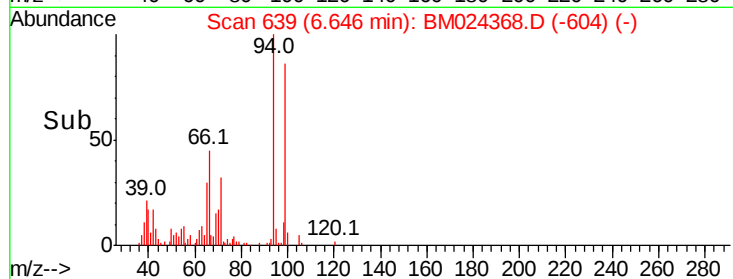
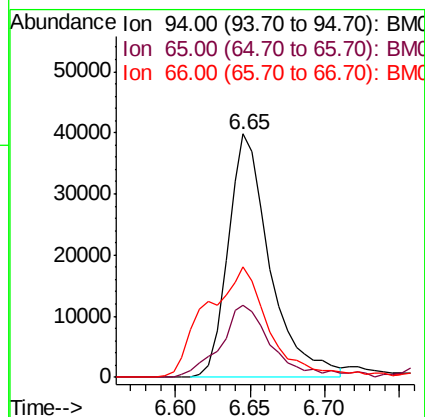
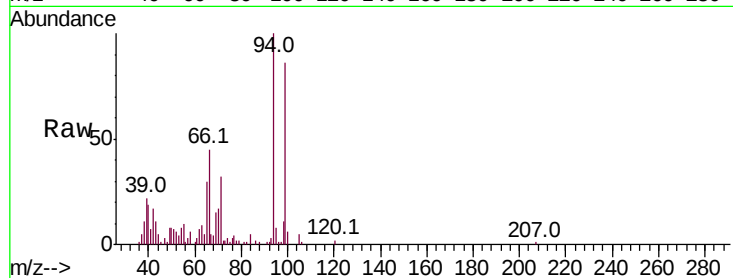
ClientSampled :

C0C30

Tot Ion:	94	Resp:	77716
Ion	Ratio	Lower	Upper
94	100		
65	29.9	22.6	33.8
66	45.3	30.7	46.1

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#14

Acetophenone

Concen: 1.222 ng/ul

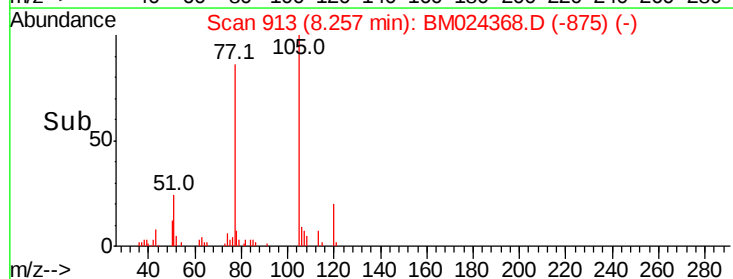
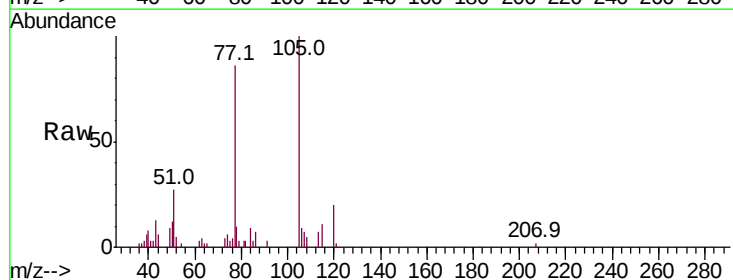
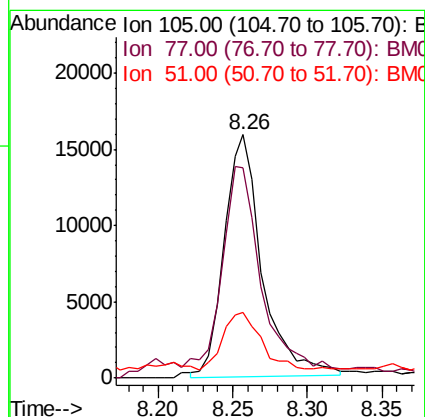
RT: 8.26 min Scan# 913

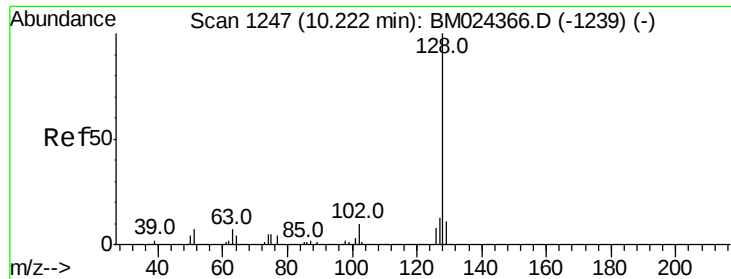
Delta R.T. 0.02 min

Lab File: BM024368.D

Acq: 30 Dec 2019 12:10

Tgt Ion:	105	Resp:	28366
Ion	Ratio	Lower	Upper
105	100		
77	86.4	65.6	98.4
51	27.1	18.3	27.5





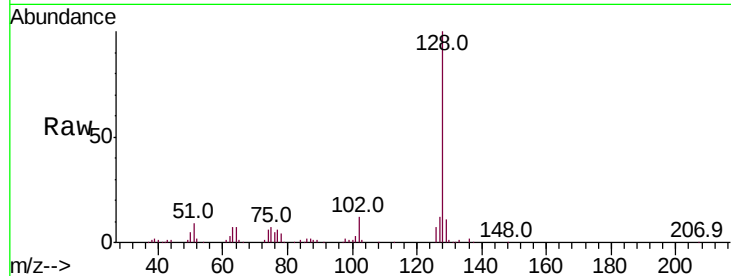
#28
Naphthalene
Concen: 4.246 ng/ul
RT: 10.23 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Instrument :
BNA_M
ClientSampleId :
C0C30

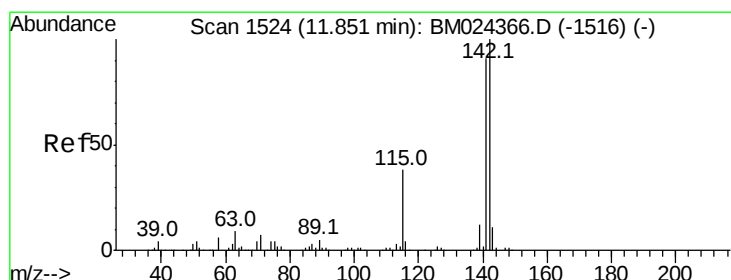
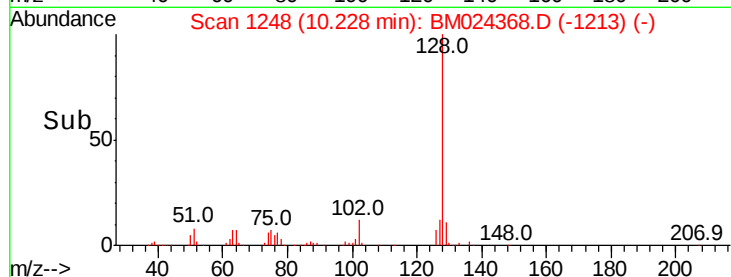
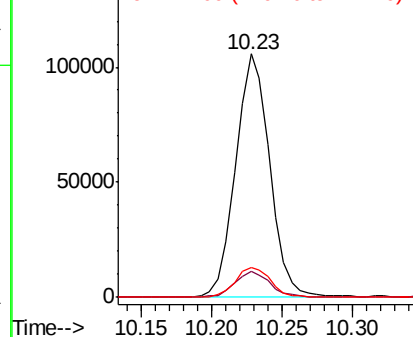
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	12.5	10.3	15.5

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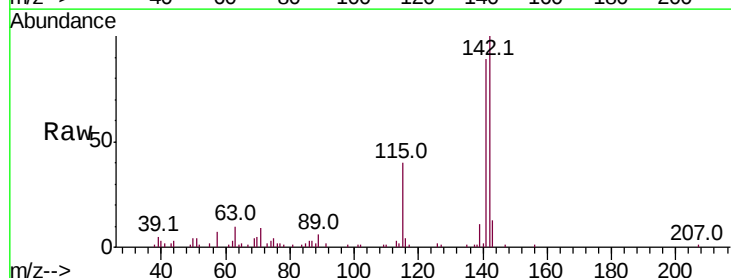


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

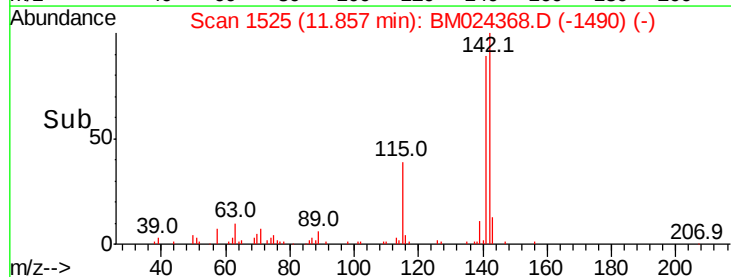
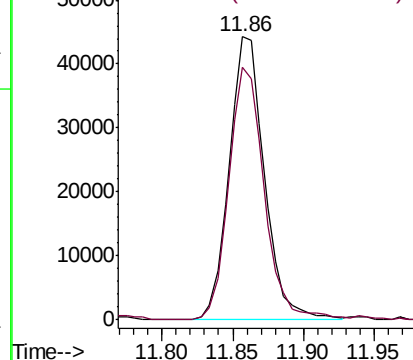


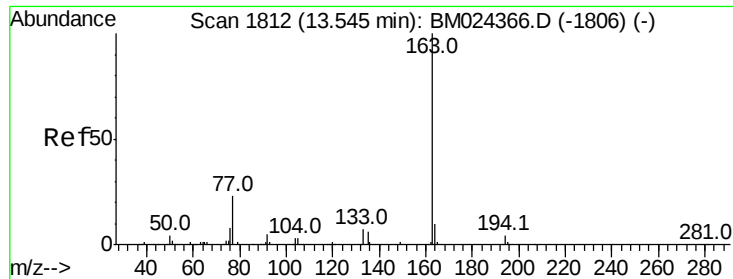
#34
2-Methylnaphthalene
Concen: 2.572 ng/ul
RT: 11.86 min Scan# 1525
Delta R.T. 0.01 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.9	106.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





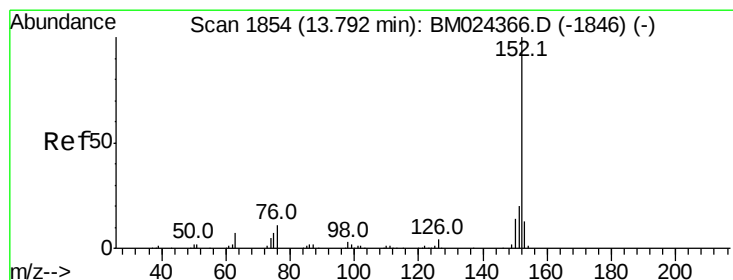
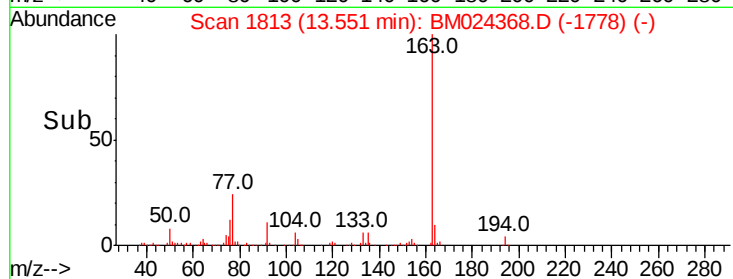
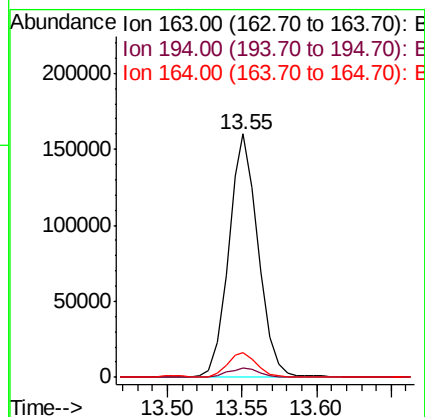
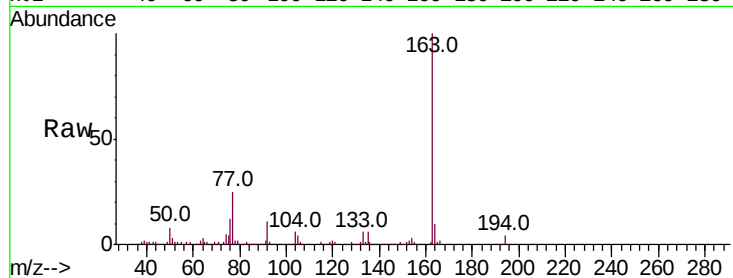
#45
Dimethylphthalate
Concen: 6.205 ng/ul
RT: 13.55 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

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ClientSampleId :
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Tot Ion:	163	Resp:	220985
Ion Ratio		Lower	Upper
163	100		
194	3.9	3.2	4.8
164	9.9	7.8	11.6

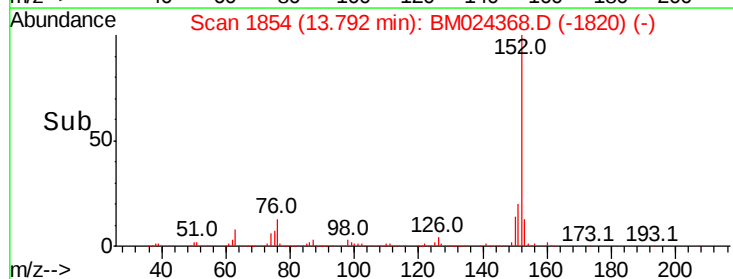
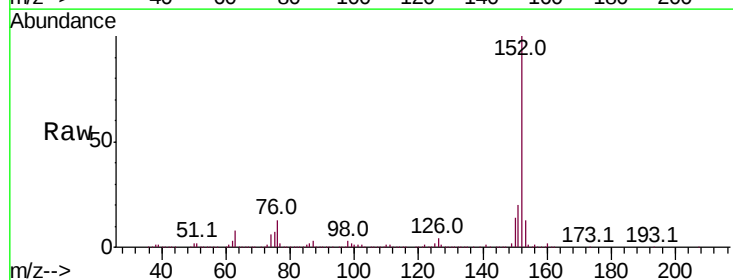
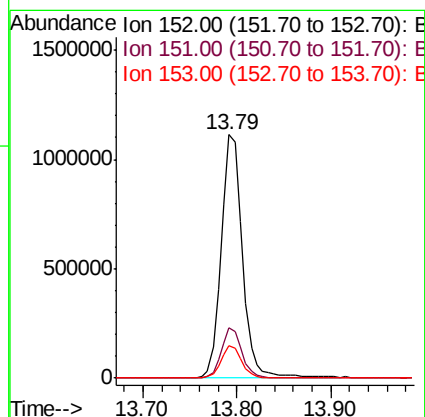
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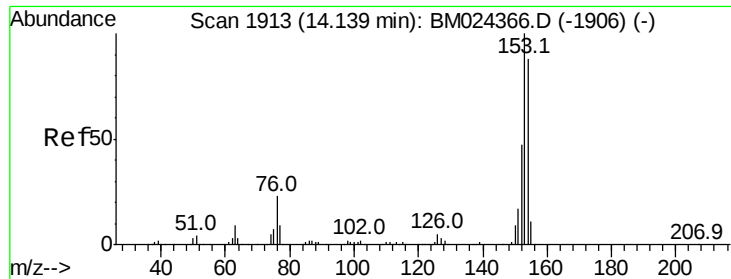
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#48
Acenaphthylene
Concen: 40.519 ng/ul
RT: 13.79 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion:	152	Resp:	1766497
Ion Ratio		Lower	Upper
152	100		
151	20.5	16.0	24.0
153	13.3	10.6	16.0





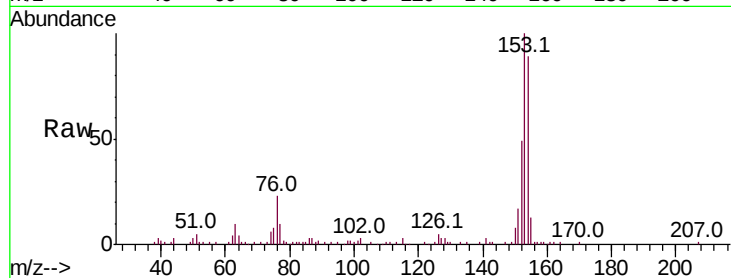
#50
Acenaphthene
Concen: 3.561 ng/ul
RT: 14.14 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Instrument :
BNA_M
ClientSampleId :
C0C30

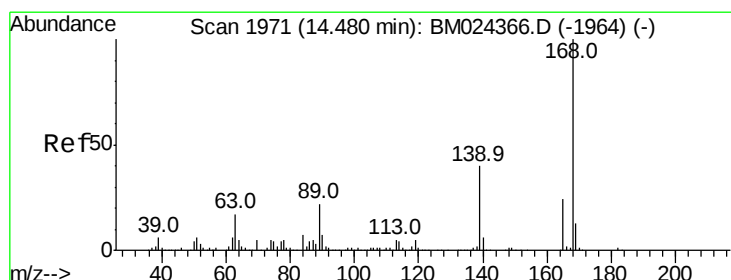
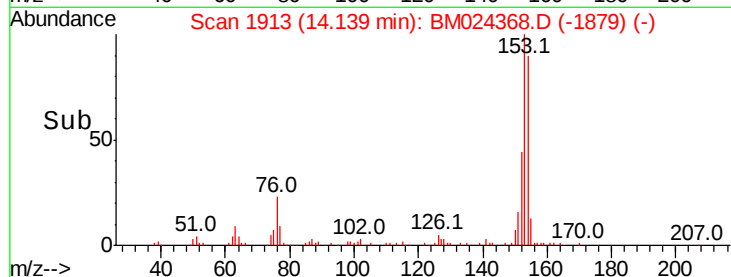
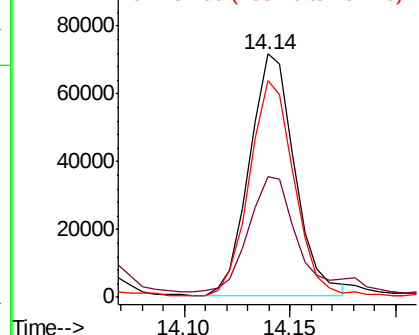
Tot Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.8	56.6
154	88.9	71.1	106.7

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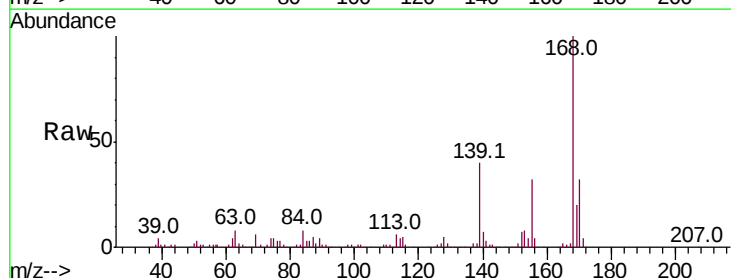


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

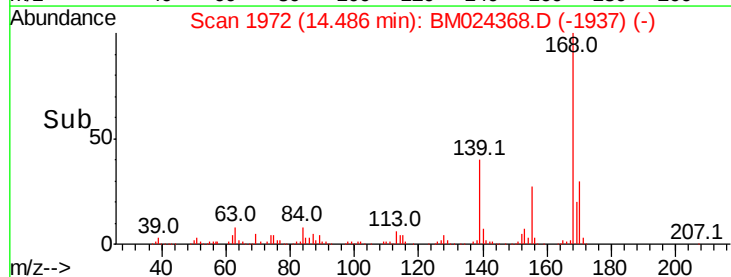
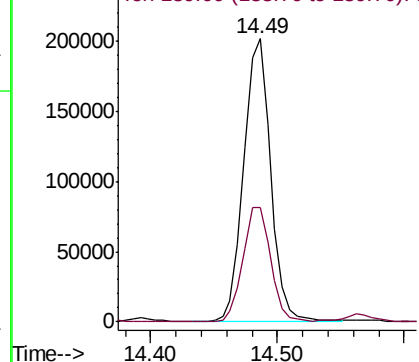


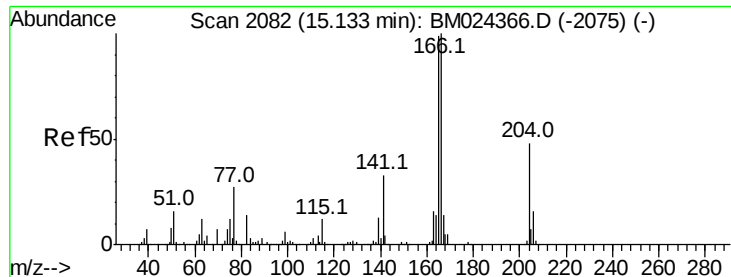
#54
Dibenzofuran
Concen: 7.141 ng/ul
RT: 14.49 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.4	45.6



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





#59

Fluorene

Concen: 17.393 ng/ul

RT: 15.14 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BM024368.D

Acq: 30 Dec 2019 12:10

Instrument :

BNA_M

ClientSampleId :

C0C30

Tot Ion:166 Resp: 612091

Ion Ratio Lower Upper

166 100

165 97.8 78.3 117.5

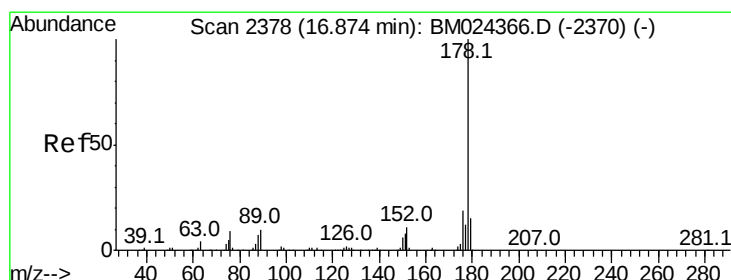
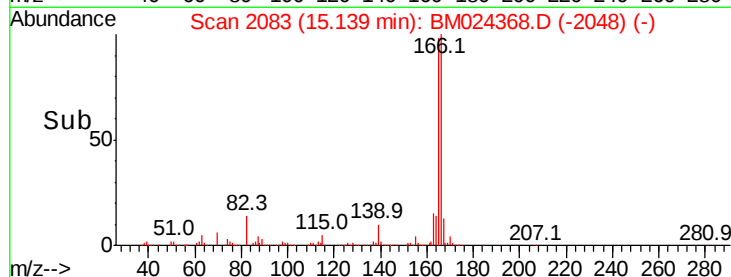
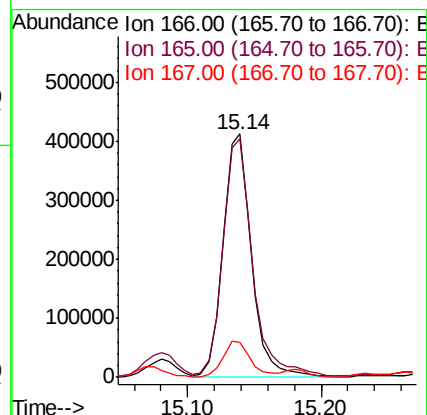
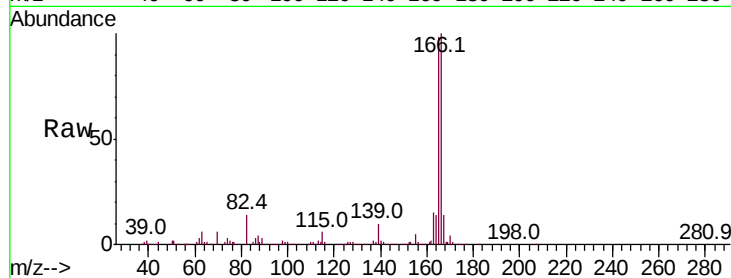
167 14.2 10.4 15.6

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#70

Phenanthrene

Concen: 176.141 ng/ul

RT: 16.89 min Scan# 2380

Delta R.T. 0.01 min

Lab File: BM024368.D

Acq: 30 Dec 2019 12:10

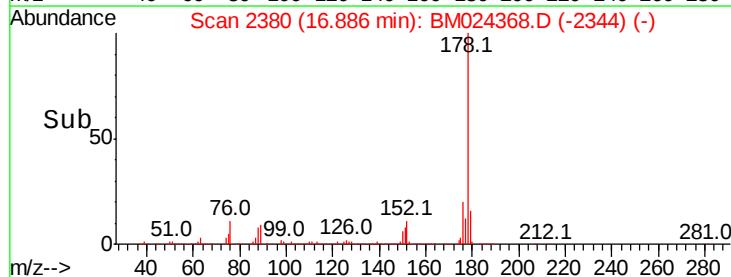
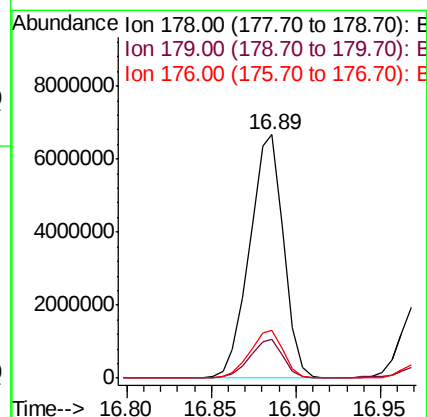
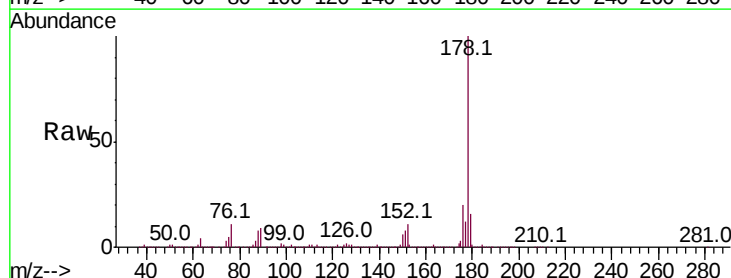
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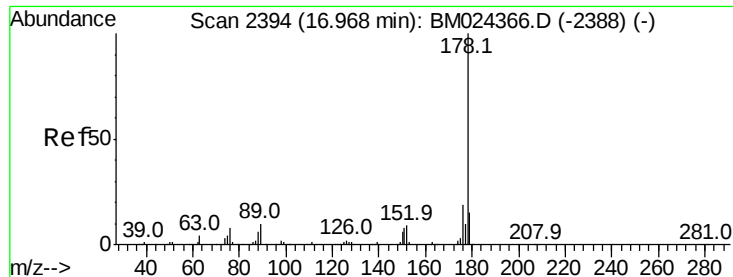
Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

176 19.7 15.1 22.7





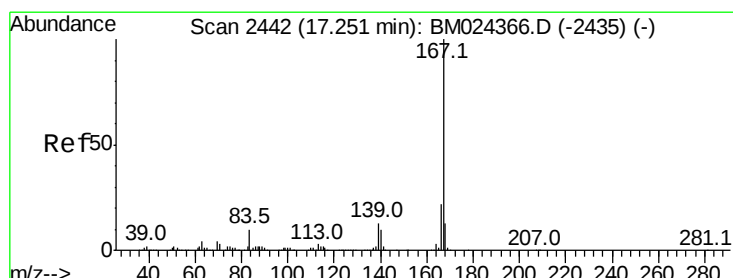
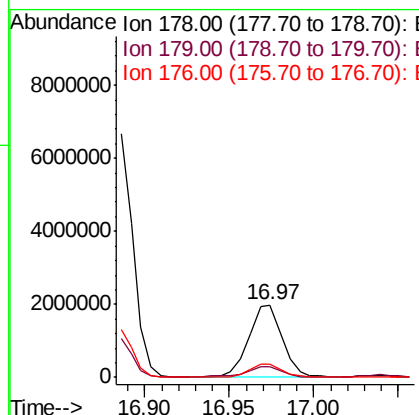
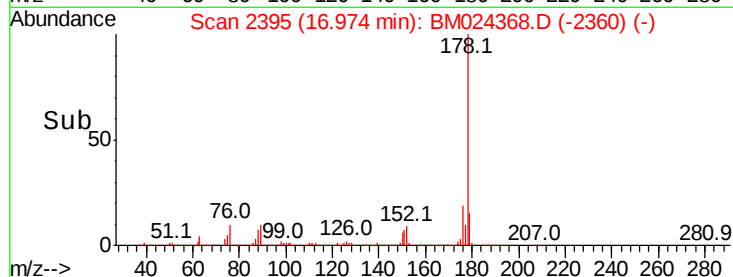
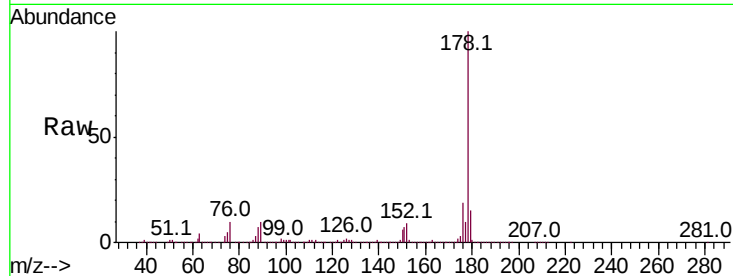
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 Anthracene
 Concen: 52.146 ng/ul
 RT: 16.97 min Scan# 2395
 Delta R.T. 0.01 min
 Lab File: BM024368.D
 Acq: 30 Dec 2019 12:10

Instrument :
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 C0C30

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.6	14.7	22.1

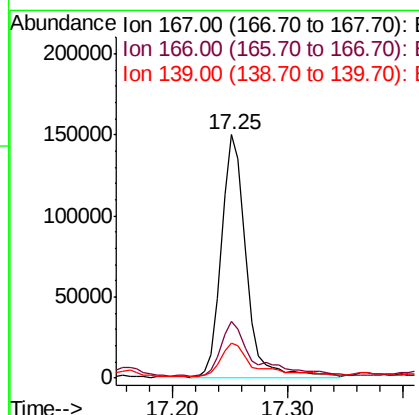
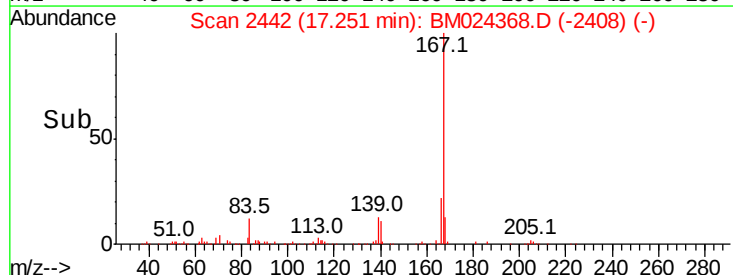
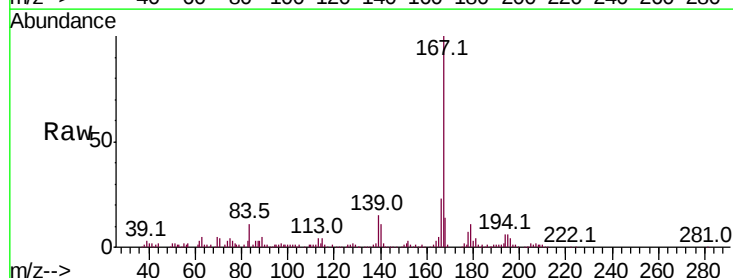
Manual Integrations
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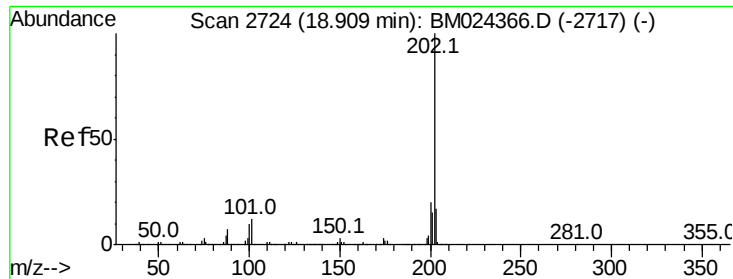
mohammad
 12/31/2019 8:28:22 AM



#75
 Carbazole
 Concen: 4.842 ng/ul
 RT: 17.25 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BM024368.D
 Acq: 30 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.0	25.6
139	14.6	10.3	15.5





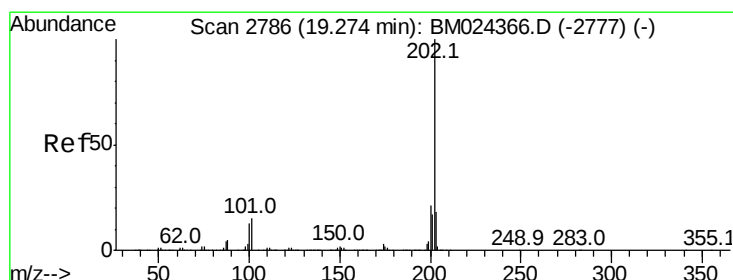
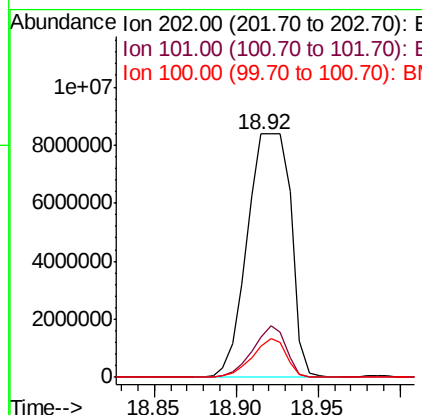
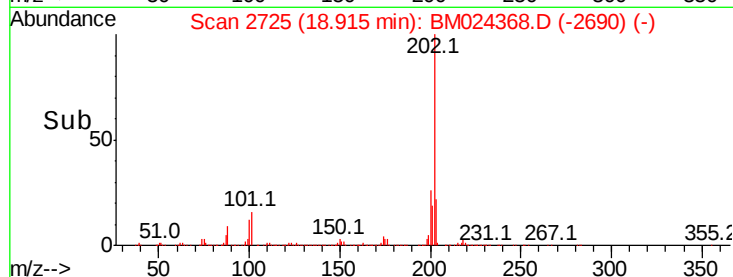
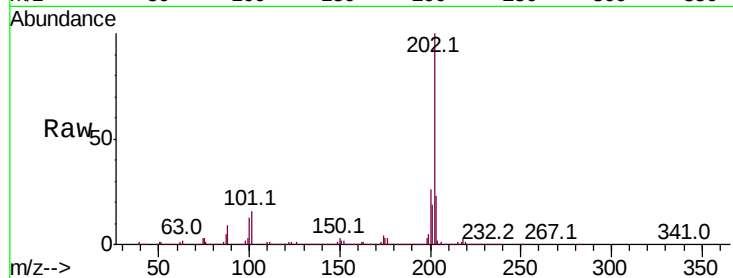
#77
 Fluoranthene
 Concen: 269.325 ng/ul m
 RT: 18.92 min Scan# 2725
 Delta R.T. 0.01 min
 Lab File: BM024368.D
 Acq: 30 Dec 2019 12:10

Instrument :
 BNA_M
 ClientSampleId :
 C0C30

Tot Ion:202 Resp:15547219
 Ion Ratio Lower Upper
 202 100
 101 16.4 10.6 15.8#
 100 12.5 8.1 12.1#

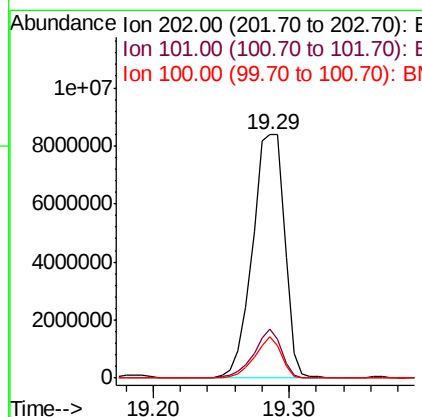
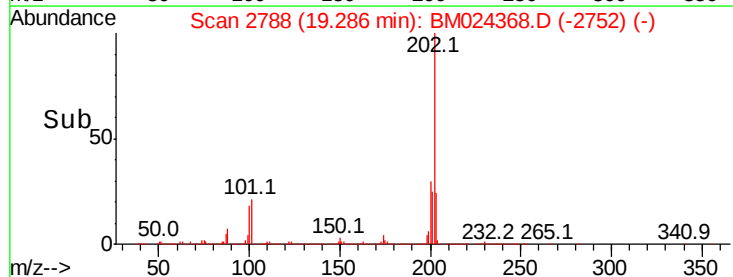
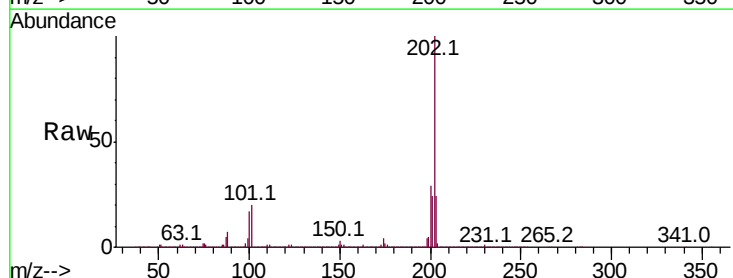
Manual Integrations
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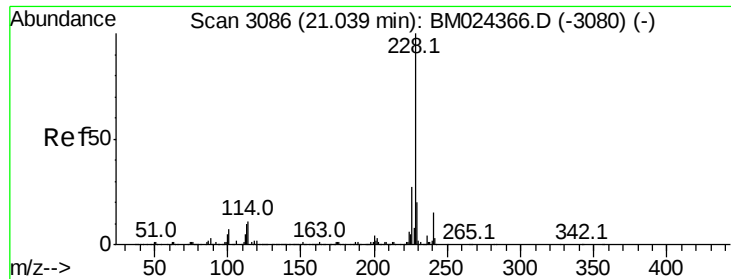
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#80
 Pyrene
 Concen: 210.276 ng/ul m
 RT: 19.29 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: BM024368.D
 Acq: 30 Dec 2019 12:10

Tgt Ion:202 Resp:13805708
 Ion Ratio Lower Upper
 202 100
 101 20.2 12.2 18.4#
 100 16.8 10.0 15.0#





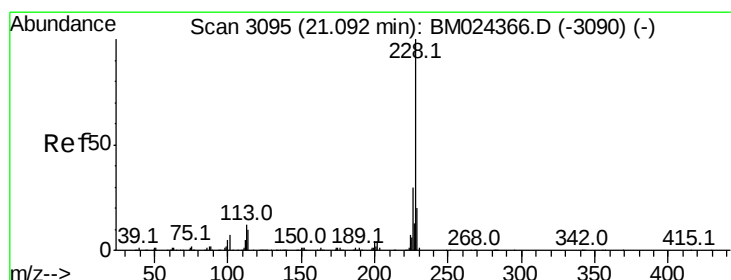
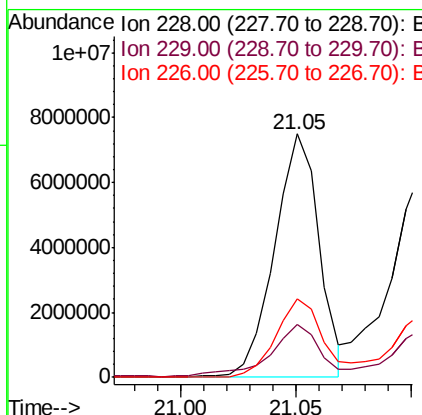
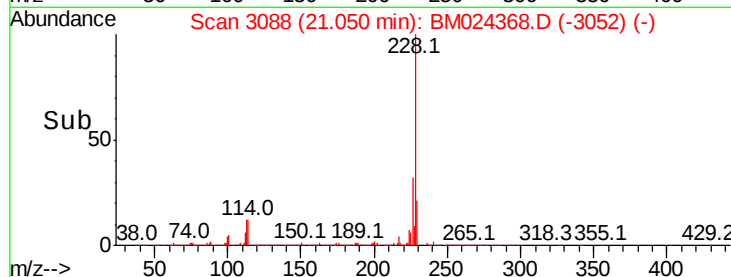
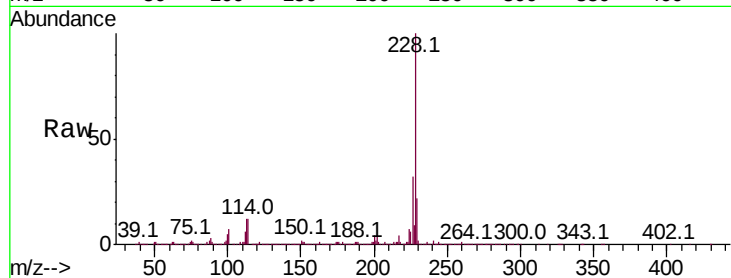
#83
Benzo(a)anthracene
Concen: 155.915 ng/ul
RT: 21.05 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Instrument :
BNA_M
ClientSampleId :
C0C30

Tot Ion:228 Resp: 9990337
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 32.2 22.2 33.2

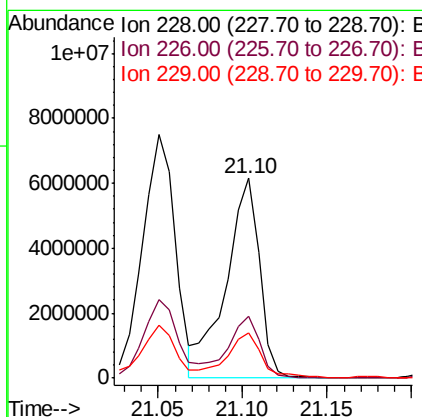
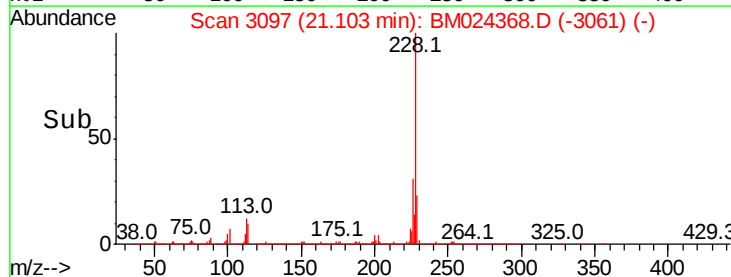
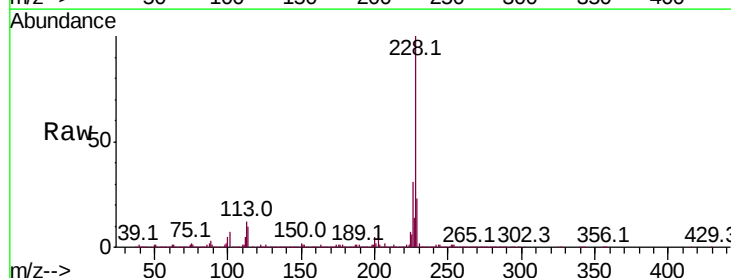
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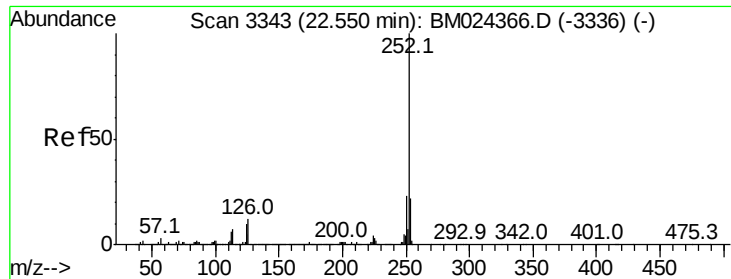
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#85
Chrysene
Concen: 134.415 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion:228 Resp: 8441938
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.9 15.4 23.2





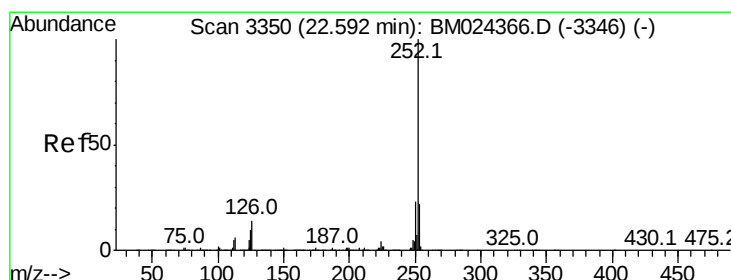
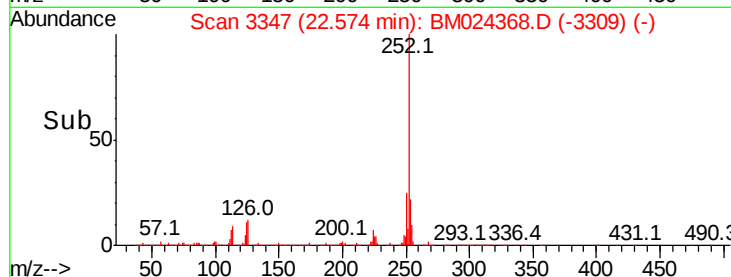
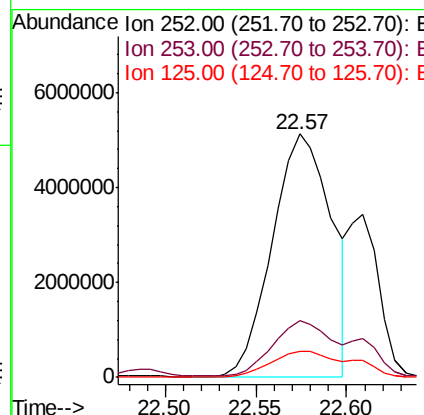
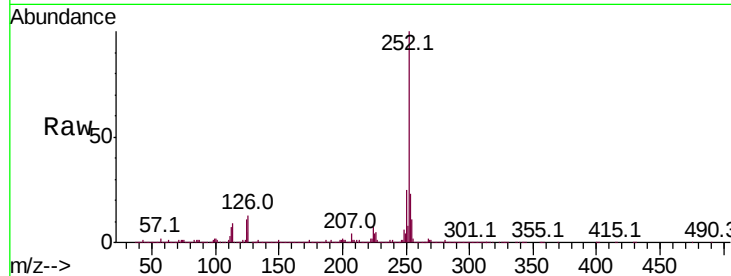
#88
Benzo(b)fluoranthene
Concen: 166.770 ng/ul
RT: 22.57 min Scan# 3347
Delta R.T. 0.02 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Instrument :
BNA_M
ClientSampleId :
C0C30

Tot Ion:252 Resp:11665741
Ion Ratio Lower Upper
252 100
253 23.1 17.2 25.8
125 10.9 7.8 11.8

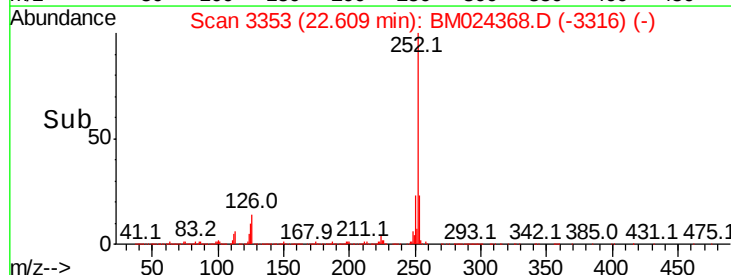
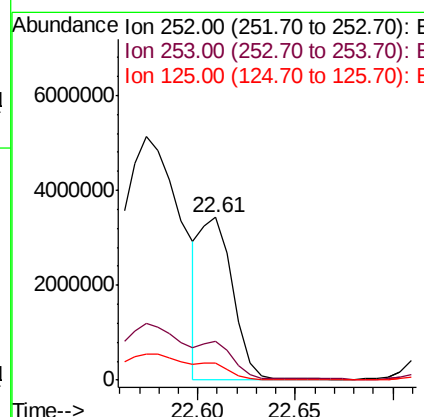
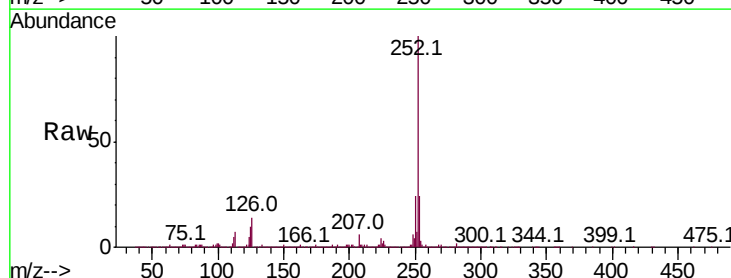
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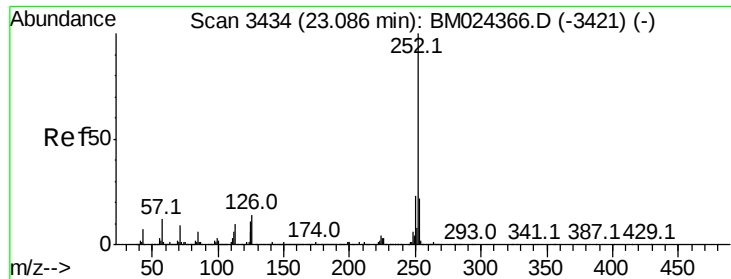
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#89
Benzo(k)fluoranthene
Concen: 56.366 ng/ul
RT: 22.61 min Scan# 3353
Delta R.T. 0.02 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion:252 Resp: 3868630
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.3 7.9 11.9





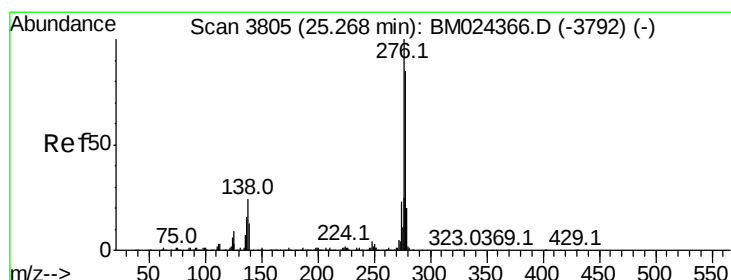
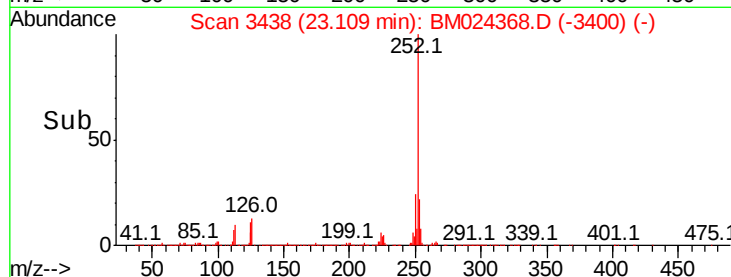
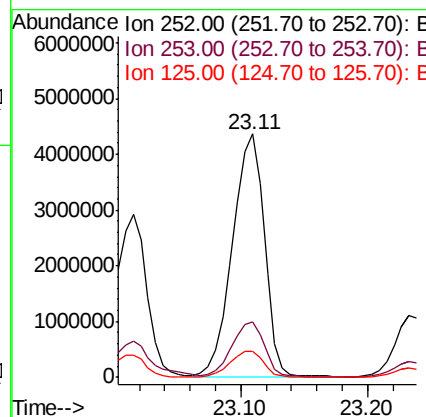
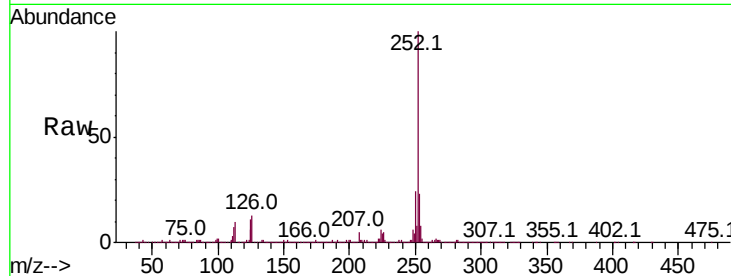
#91
Benzo(a)pyrene
Concen: 119.408 ng/ul
RT: 23.11 min Scan# 3438
Delta R.T. 0.02 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Instrument :
BNA_M
ClientSampleId :
C0C30

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.8	8.2	12.4

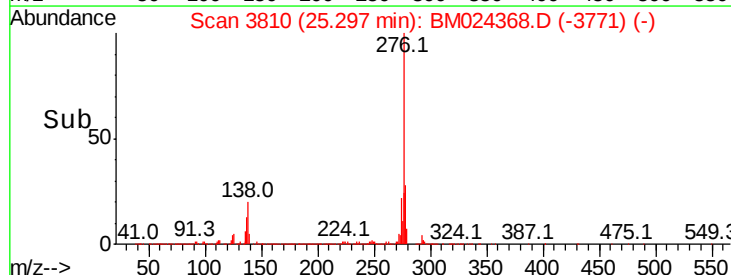
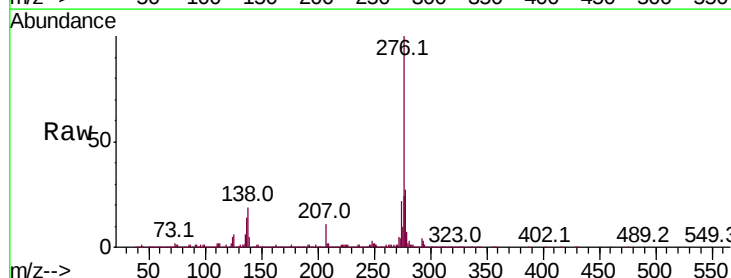
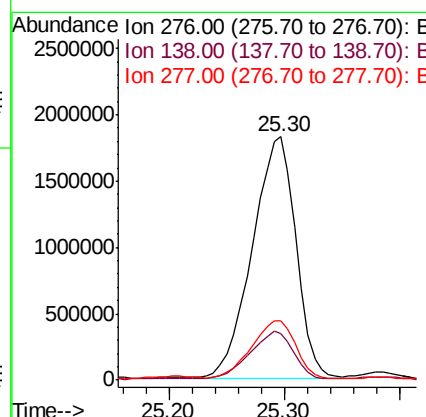
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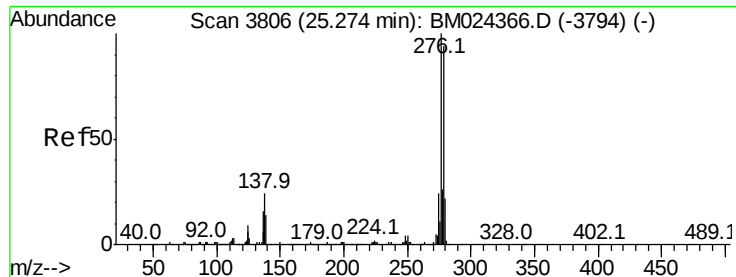
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#92
Indeno(1,2,3-cd)pyrene
Concen: 63.211 ng/ul
RT: 25.30 min Scan# 3810
Delta R.T. 0.03 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	18.3	27.5
277	24.4	20.2	30.2





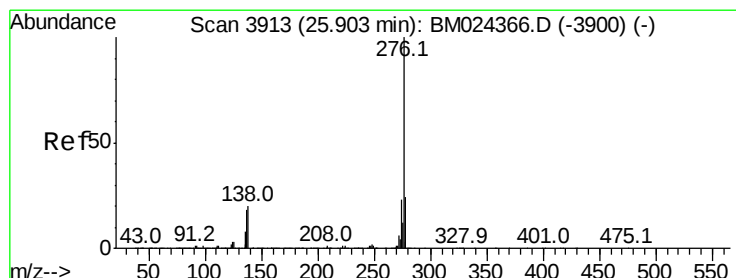
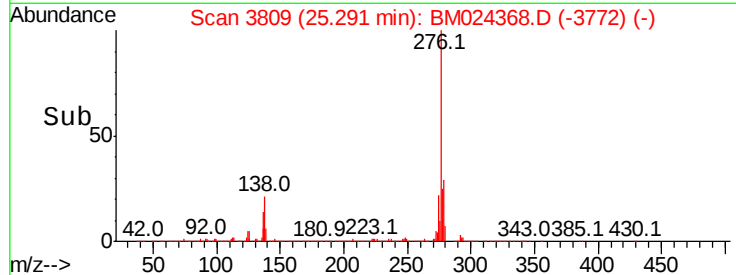
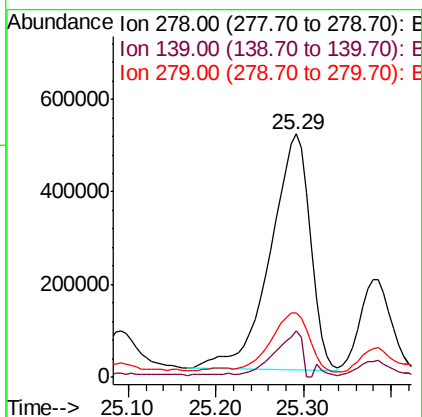
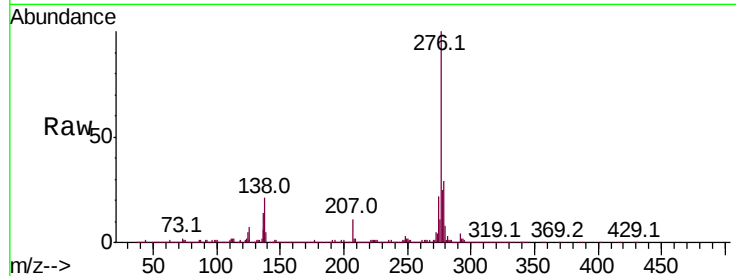
#93
Dibenzo(a,h)anthracene
Concen: 25.289 ng/ul
RT: 25.29 min Scan# 3809
Delta R.T. 0.02 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Instrument :
BNA_M
ClientSampled :
C0C30

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	11.5	17.3#
279	26.7	18.9	28.3

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 62.009 ng/ul
RT: 25.93 min Scan# 3918
Delta R.T. 0.03 min
Lab File: BM024368.D
Acq: 30 Dec 2019 12:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.3	22.9
277	23.6	19.3	28.9

