

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
 Data File : BM023121.D
 Acq On : 11 Oct 2019 09:57
 Operator : JU
 Sample : K5124-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM50

Manual Integrations
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mohammad
 10/16/2019 8:02:17 AM

Quant Time: Oct 11 23:55:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	155626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	606941	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.40	164	333544	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	647515	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	664304	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	781194	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	9997	2.78	ng/uL	0.00
5) Phenol-d5	6.93	99	250216	18.20	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	141159	18.76	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	210864	19.04	ng/ul	-0.01
13) 4-Methylphenol-d8	8.47	113	194446	17.27	ng/ul	-0.01
19) Nitrobenzene-d5	8.92	128	96524	20.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	102263	19.99	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	202979	19.93	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.69	131	101218	8.18	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	569909	22.02	ng/ul	0.00
47) Acenaphthylene-d8	14.09	160	674390	22.56	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.60	143	58223	11.38	ng/ul	0.00
58) Fluorene-d10	15.40	176	497274	22.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	53114	12.60	ng/ul	0.00
71) Anthracene-d10	17.24	188	752170	23.79	ng/ul	-0.01
79) Pyrene-d10	19.54	212	849690	23.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	967654	23.94	ng/ul	-0.01

Target Compounds

					Ovalue	
6) Phenol	6.96	94	22236	1.543	ng/ul	94
45) Dimethylphthalate	13.86	163	247507	9.308	ng/ul	99
48) Acenaphthylene	14.12	152	78077	2.420	ng/ul	99
70) Phenanthrene	17.19	178	415152	10.743	ng/ul	100
72) Anthracene	17.27	178	51110	1.298	ng/ul	99
75) Carbazole	17.54	167	39103	1.117	ng/ul	99
77) Fluoranthene	19.20	202	553098	12.726	ng/ul	99
80) Pyrene	19.56	202	600399	12.750	ng/ul	98
83) Benzo(a)anthracene	21.31	228	209734	4.397	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.24	149	30013	1.091	ng/ul#	98
85) Chrysene	21.36	228	271784	6.181	ng/ul	97
88) Benzo(b)fluoranthene	22.90	252	393016	7.581	ng/ul#	73
89) Benzo(k)fluoranthene	22.94	252	123151m	2.483	ng/ul	
91) Benzo(a)pyrene	23.48	252	329005	6.765	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.85	276	233097	4.512	ng/ul	96
93) Dibenzo(a,h)anthracene	25.85	278	53794	1.245	ng/ul#	81
94) Benzo(g,h,i)perylene	26.55	276	229644	5.510	ng/ul	98

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

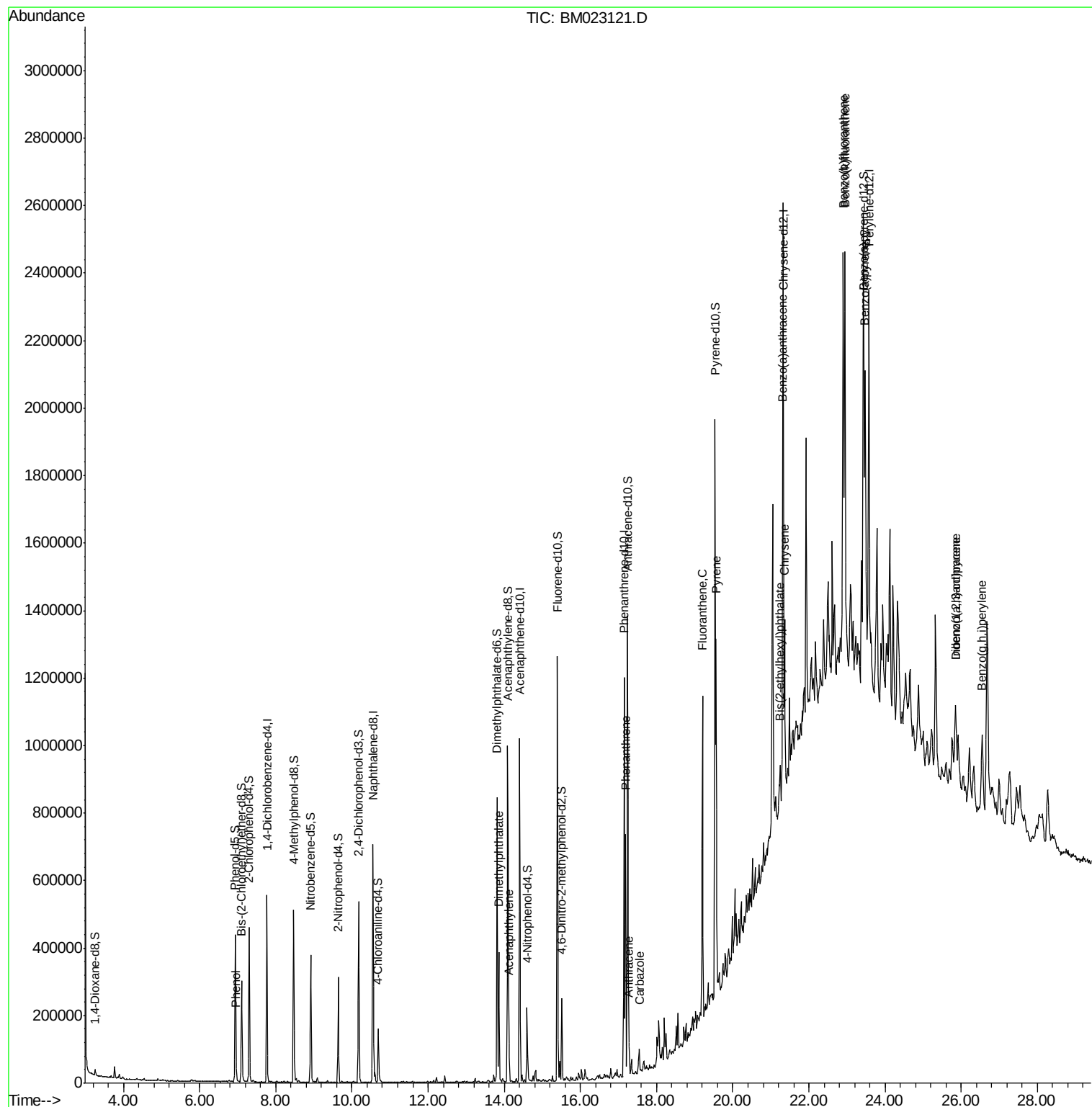
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023121.D
Acq On : 11 Oct 2019 09:57
Operator : JU
Sample : K5124-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

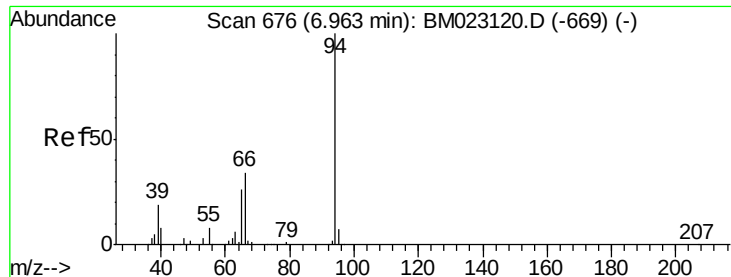
Instrument :
BNA_M
ClientSampleId :
JLM50

Quant Time: Oct 11 23:55:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 1.543 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

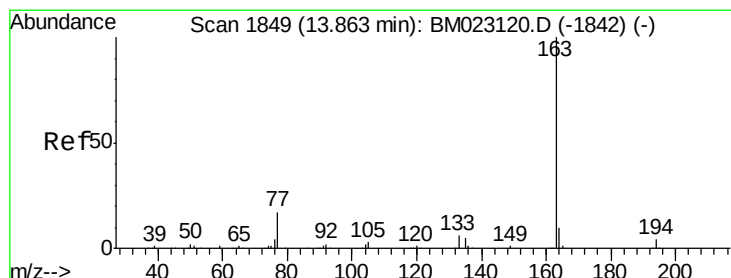
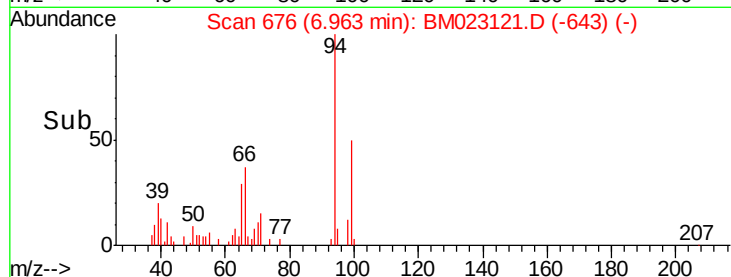
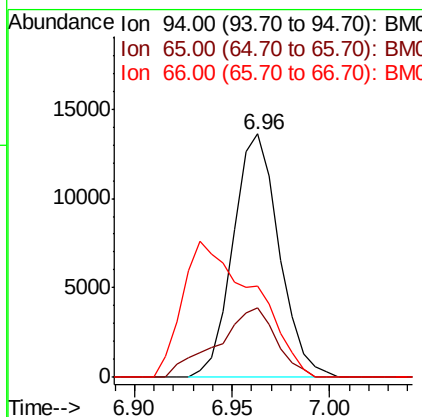
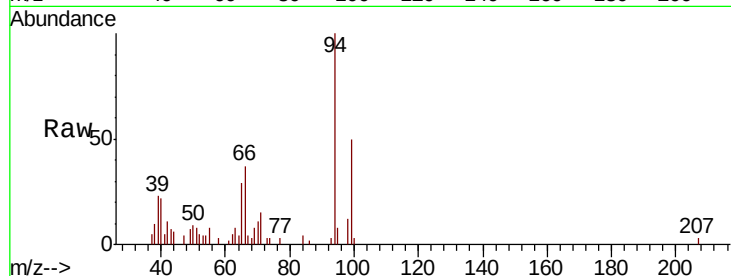
ClientSampleId :

JLM50

Tot Ion:	94	Resp:	22236
Ion	Ratio	Lower	Upper
94	100		
65	28.8	20.9	31.3
66	37.4	27.2	40.8

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#45

Dimethylphthalate

Concen: 9.308 ng/ul

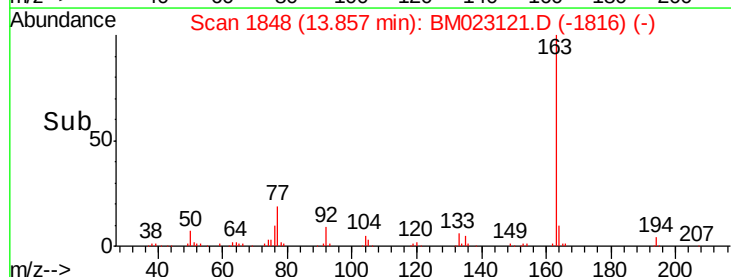
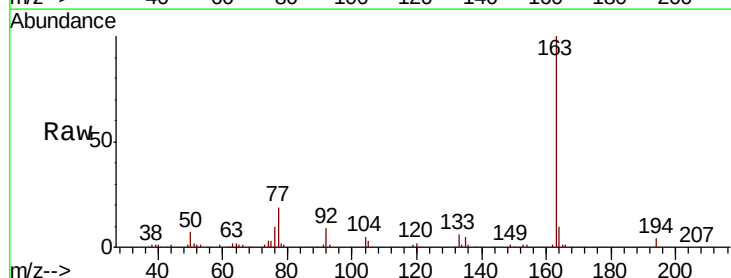
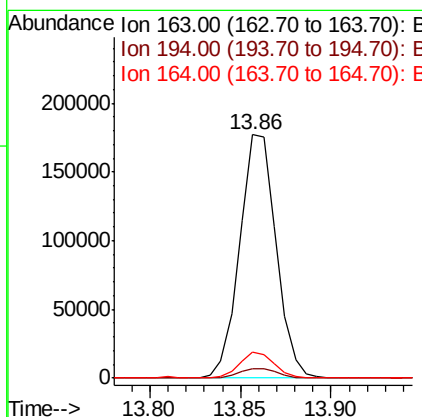
RT: 13.86 min Scan# 1848

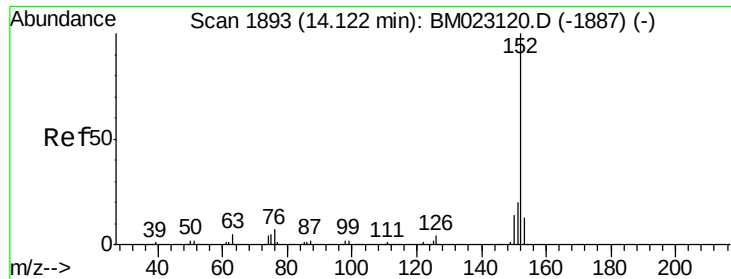
Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Tgt Ion:	163	Resp:	247507
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.5	8.1	12.1





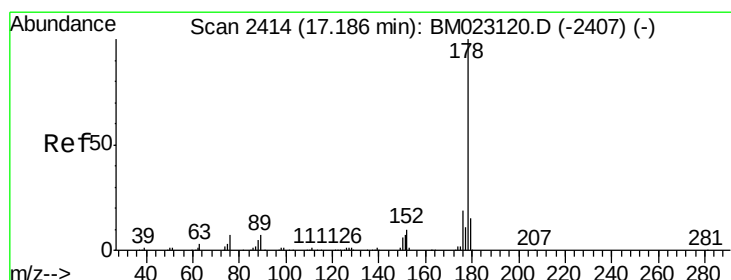
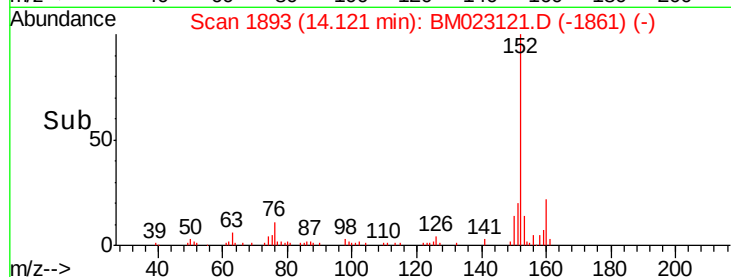
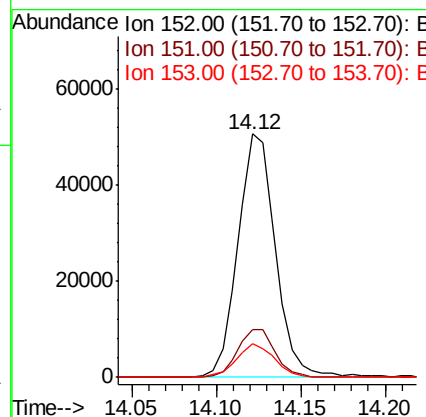
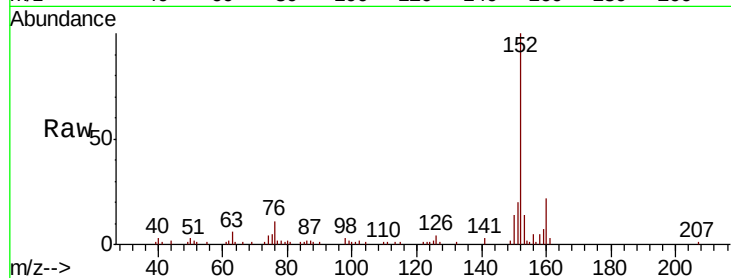
#48
Acenaphthylene
Concen: 2.420 ng/ul
RT: 14.12 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Instrument :
BNA_M
ClientSampleId :
JLM50

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.6	10.6	16.0

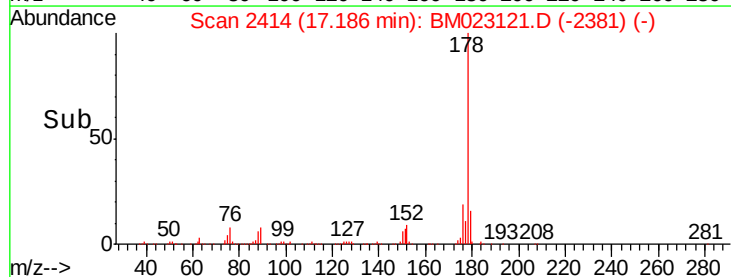
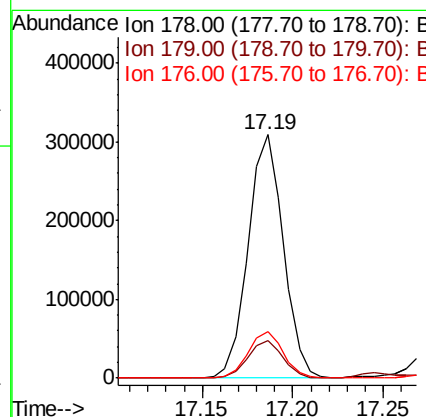
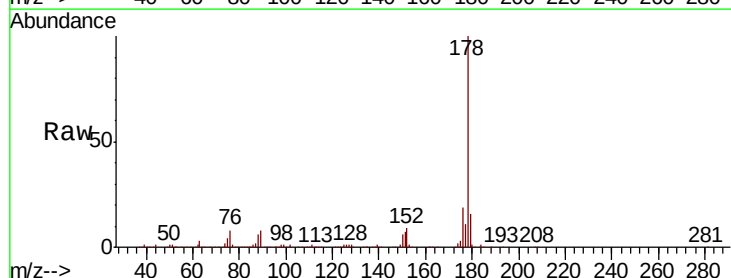
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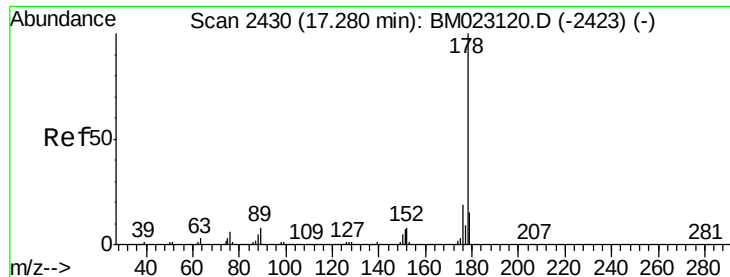
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#70
Phenanthrene
Concen: 10.743 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	18.9	15.3	22.9





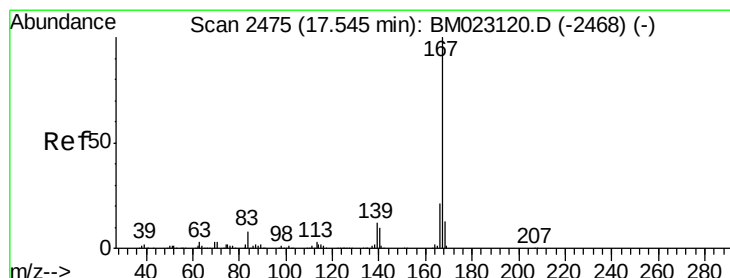
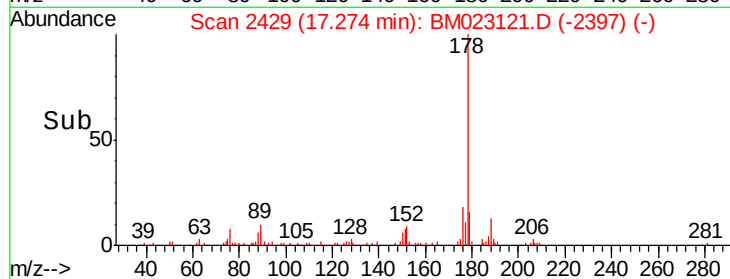
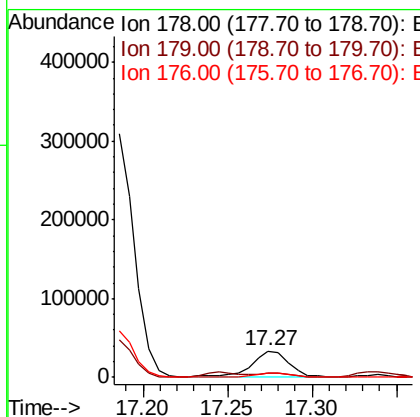
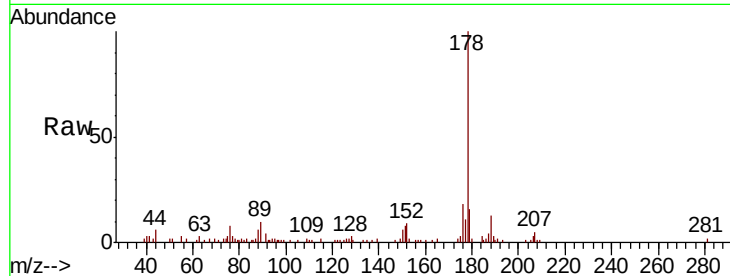
#72
 Anthracene
 Concen: 1.298 ng/ul
 RT: 17.27 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BM023121.D
 Acq: 11 Oct 2019 09:57

Instrument :
 BNA_M
 ClientSampleId :
 JLM50

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	18.3	15.0	22.6

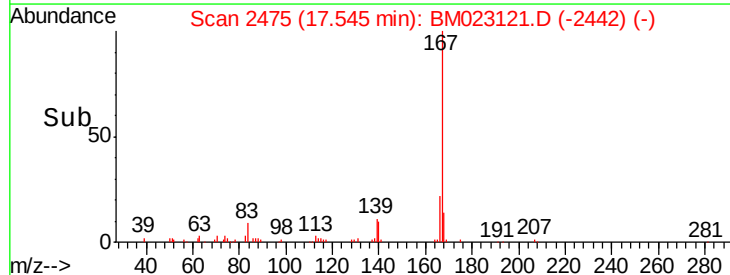
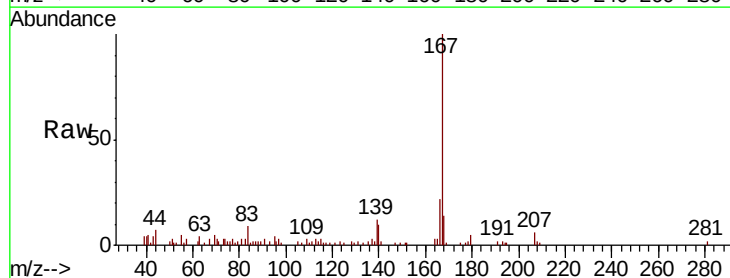
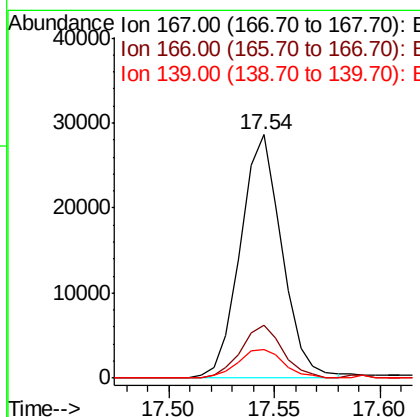
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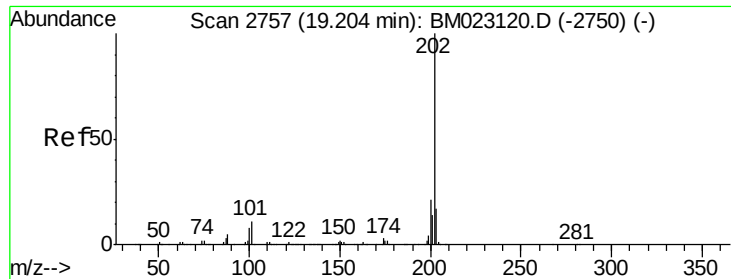
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#75
 Carbazole
 Concen: 1.117 ng/ul
 RT: 17.54 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM023121.D
 Acq: 11 Oct 2019 09:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.1	25.7
139	11.9	9.9	14.9





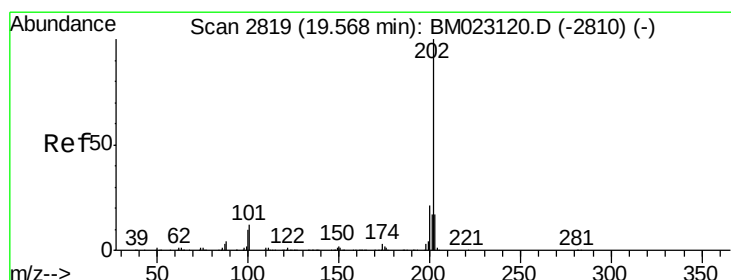
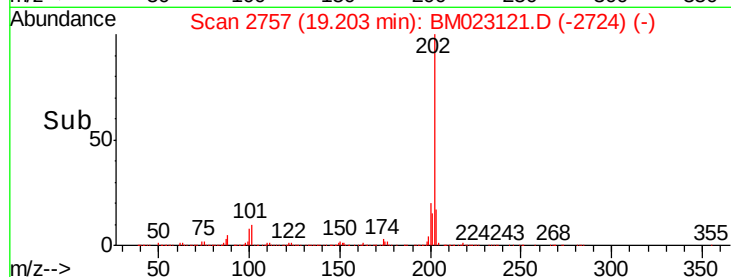
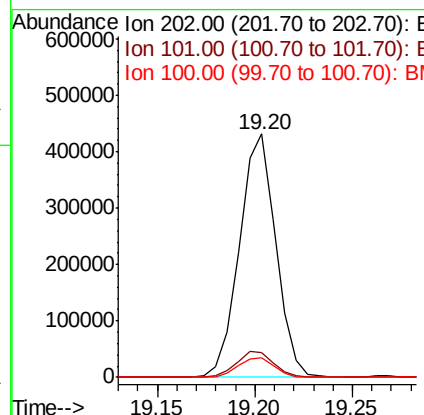
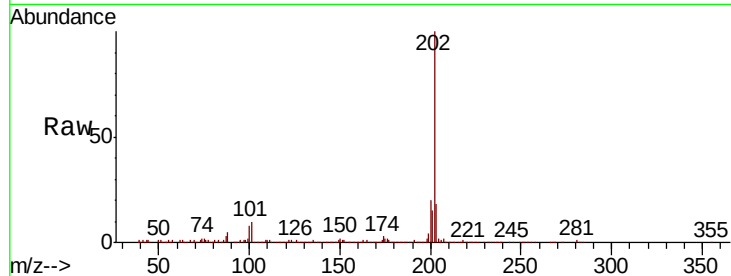
#77
Fluoranthene
Concen: 12.726 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Instrument :
BNA_M
ClientSampleId :
JLM50

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.2	8.6	12.8
100	7.9	6.4	9.6

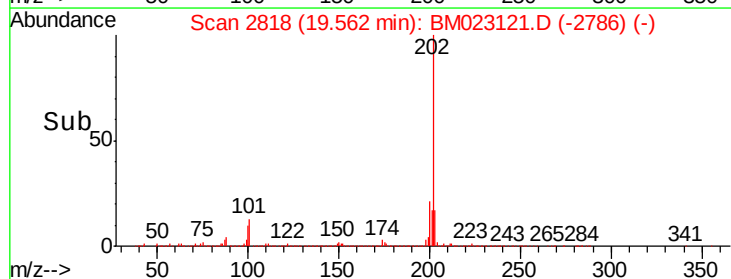
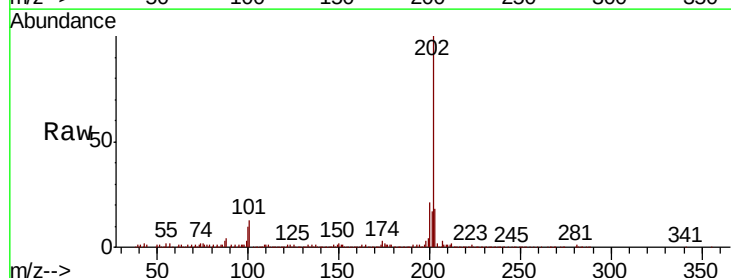
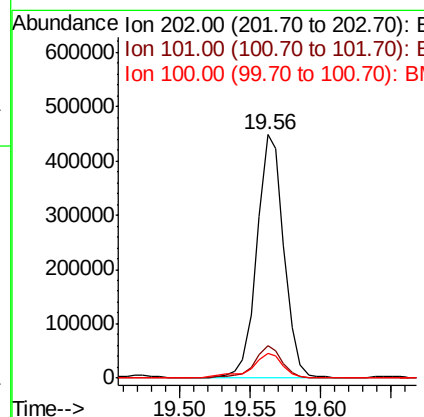
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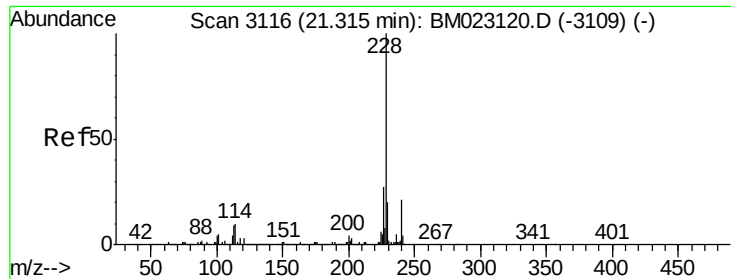
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#80
Pyrene
Concen: 12.750 ng/ul
RT: 19.56 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	9.7	14.5
100	10.4	7.8	11.8





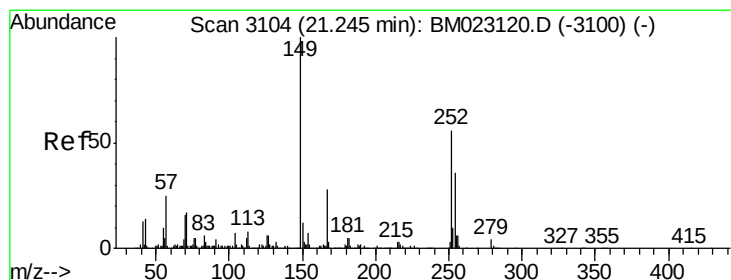
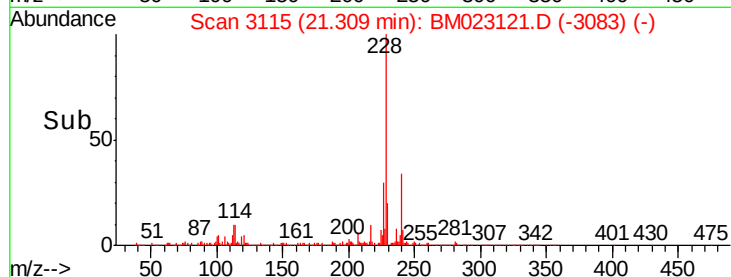
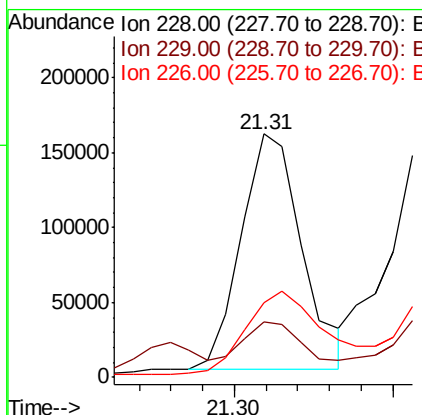
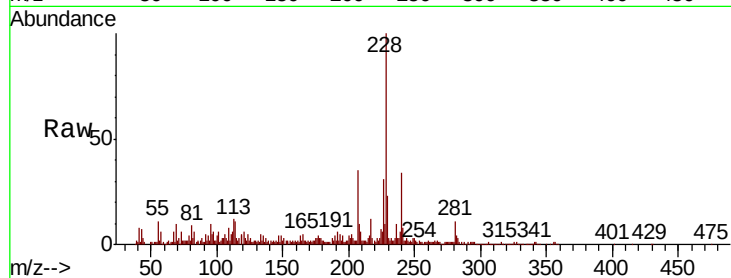
#83
Benzo(a)anthracene
Concen: 4.397 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Instrument :
BNA_M
ClientSampleId :
JLM50

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.8
226	30.8	22.4	33.6

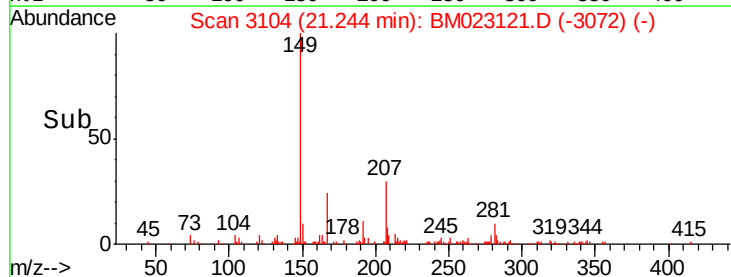
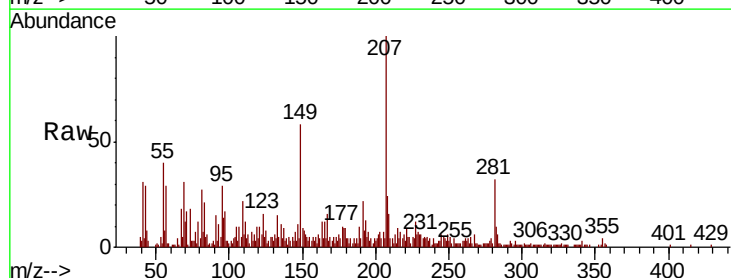
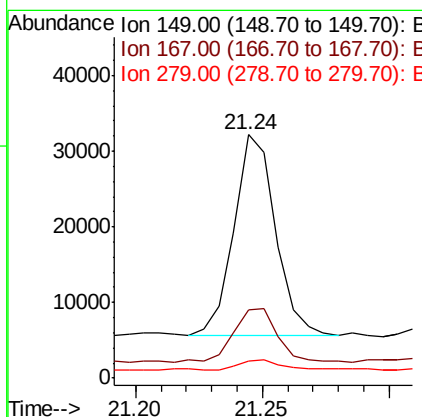
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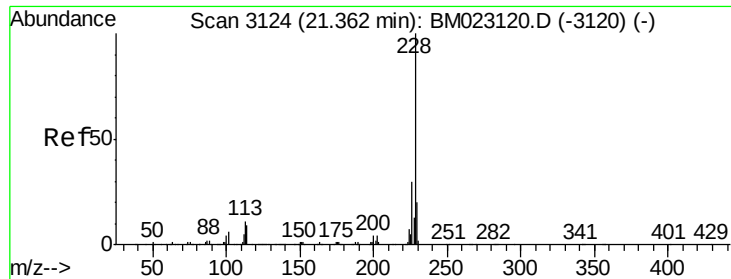
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#84
Bis(2-ethylhexyl)phthalate
Concen: 1.091 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023121.D
Acq: 11 Oct 2019 09:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	6.8	3.3	4.9





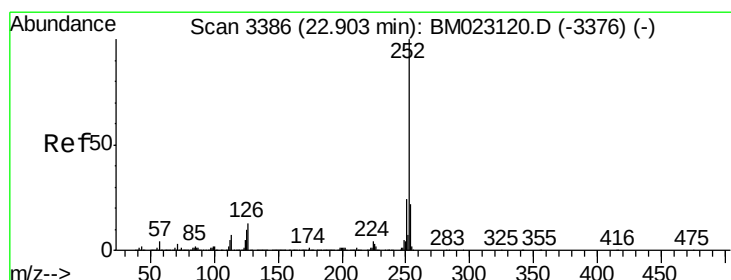
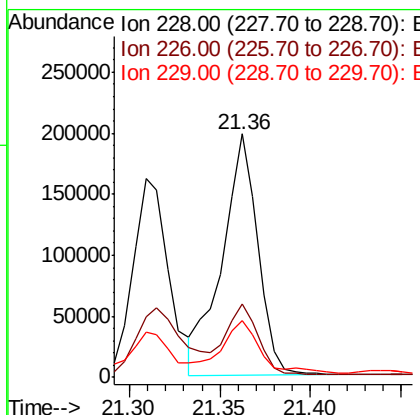
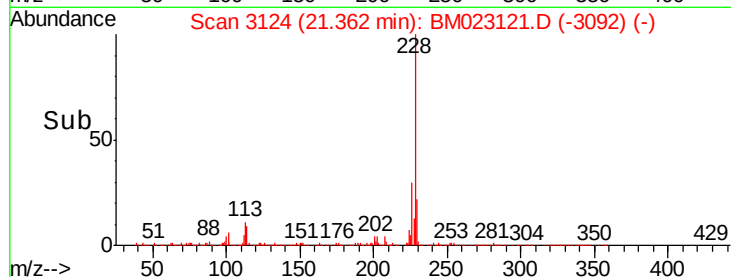
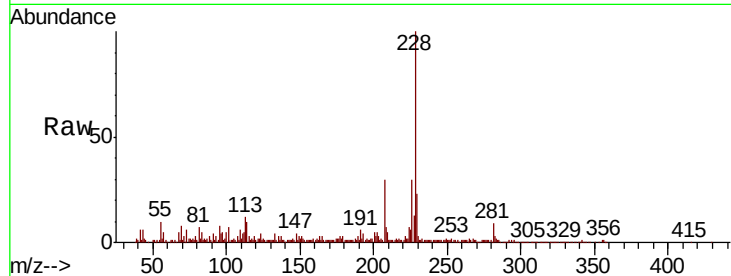
#85
 Chrysene
 Concen: 6.181 ng/ul
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.01 min
 Lab File: BM023121.D
 Acq: 11 Oct 2019 09:57

Instrument :
 BNA_M
 ClientSampled :
 JLM50

Tot Ion:	228	Resp:	271784
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.2	36.4
229	23.3	15.9	23.9

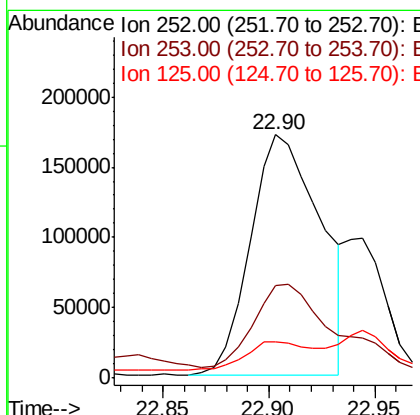
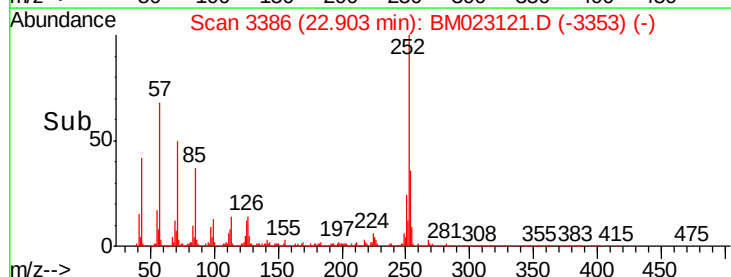
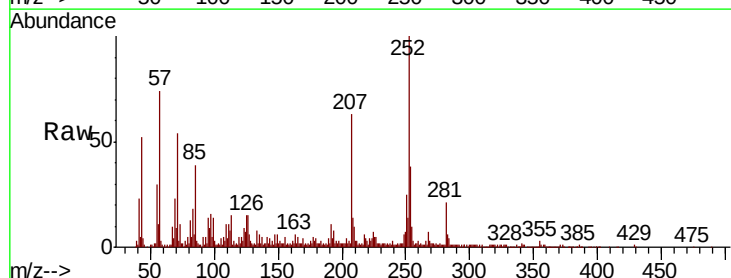
Manual Integrations
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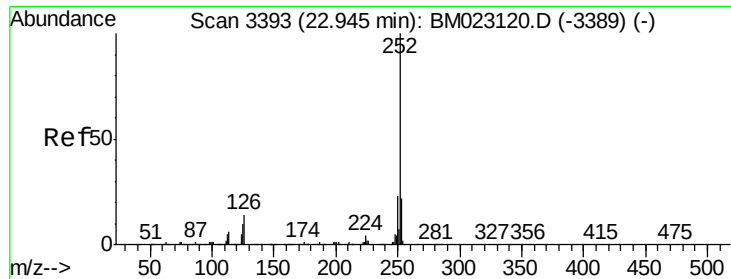
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#88
 Benzo(b)fluoranthene
 Concen: 7.581 ng/ul
 RT: 22.90 min Scan# 3386
 Delta R.T. -0.01 min
 Lab File: BM023121.D
 Acq: 11 Oct 2019 09:57

Tgt Ion:	252	Resp:	393016
Ion Ratio	Lower	Upper	
252	100		
253	37.8	17.7	26.5#
125	15.1	8.2	12.2#





#89

Benzo(k)fluoranthene

Concen: 2.483 ng/ul

RT: 22.94 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

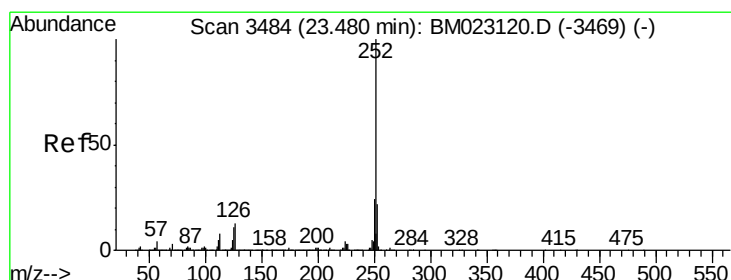
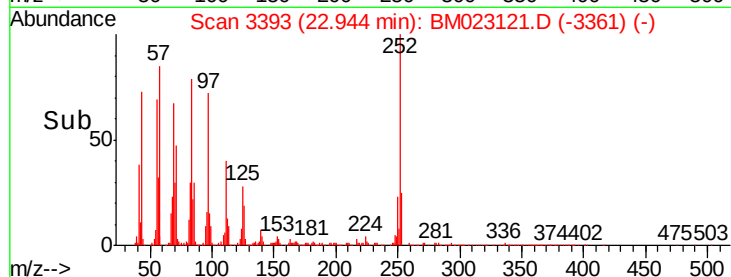
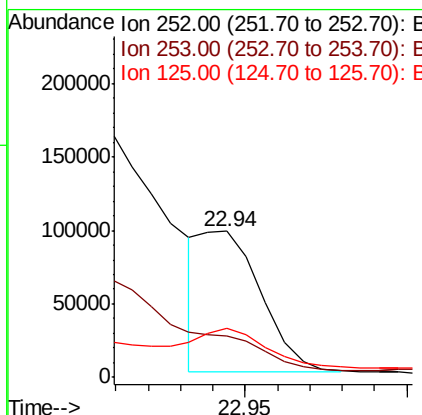
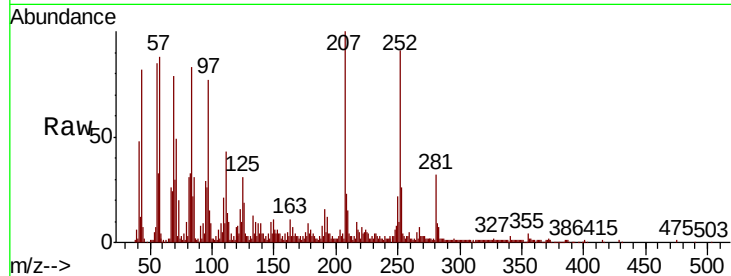
ClientSampleId :

JLM50

Tot Ion:	252	Resp:	123151
Ion Ratio	Lower	Upper	
252	100		
253	28.4	17.5	26.3#
125	33.7	7.9	11.9#

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 6.765 ng/ul

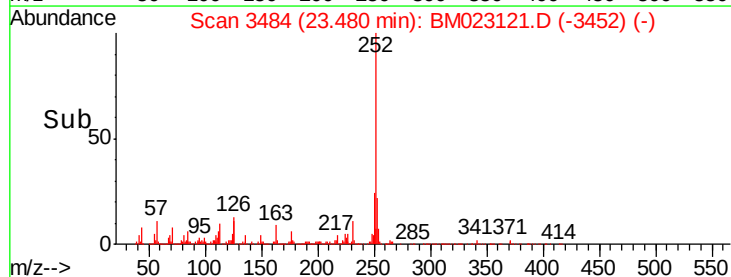
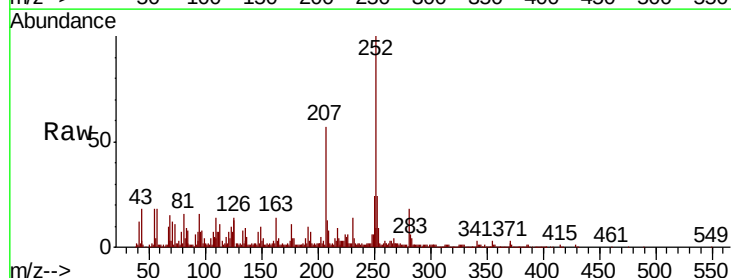
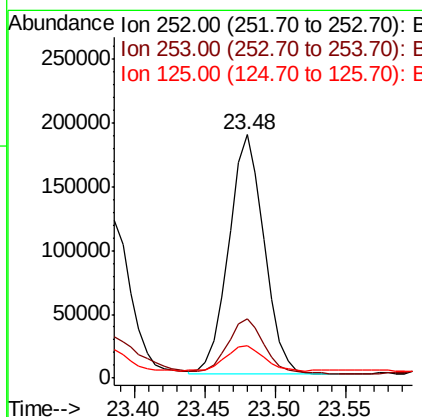
RT: 23.48 min Scan# 3484

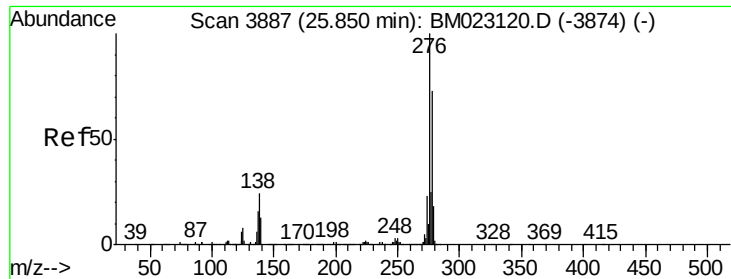
Delta R.T. -0.01 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Tgt Ion:	252	Resp:	329005
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.6	26.4
125	13.3	8.7	13.1#





#92

Indeno(1,2,3-cd)pyrene

Concen: 4.512 ng/ul

RT: 25.85 min Scan# 3887

Delta R.T. -0.02 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

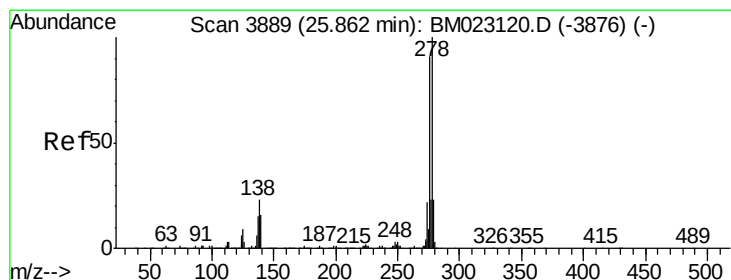
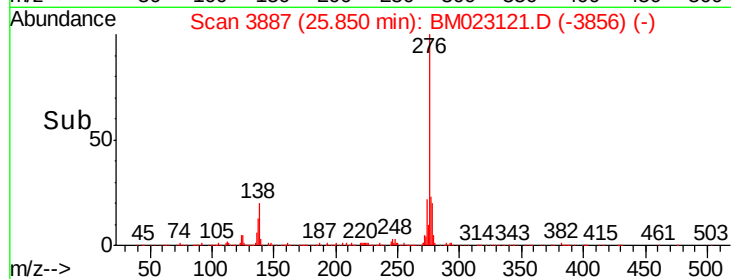
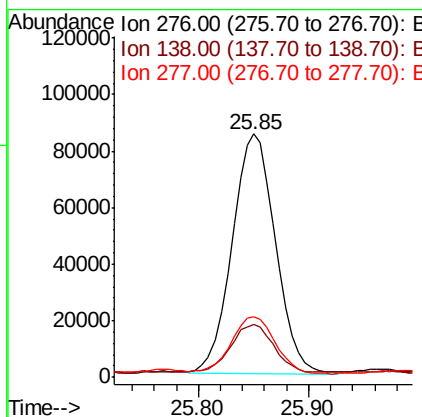
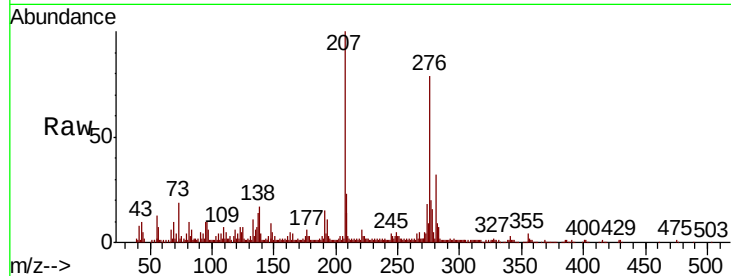
ClientSampleId :

JLM50

Tot Ion:	276	Resp:	233097
Ion Ratio	Lower	Upper	
276	100		
138	21.5	19.8	29.8
277	24.9	20.3	30.5

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#93

Dibenzo(a,h)anthracene

Concen: 1.245 ng/ul

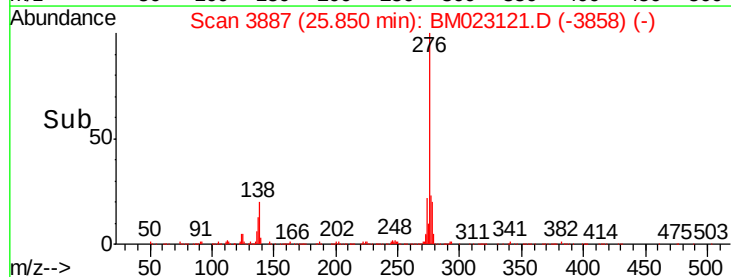
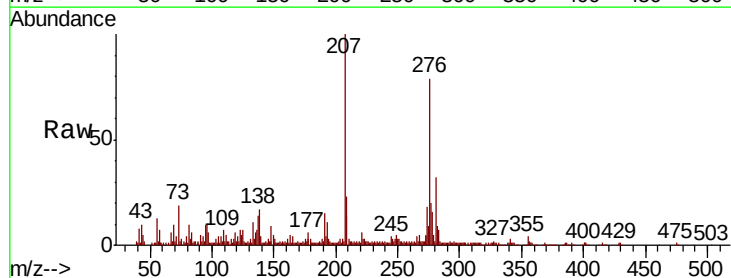
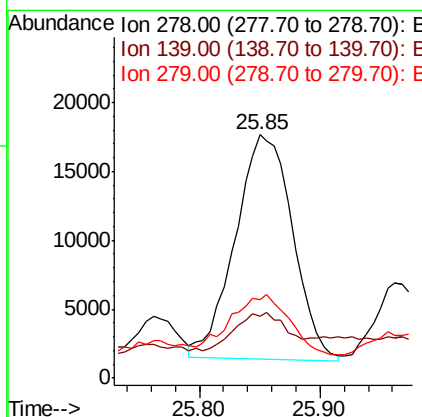
RT: 25.85 min Scan# 3887

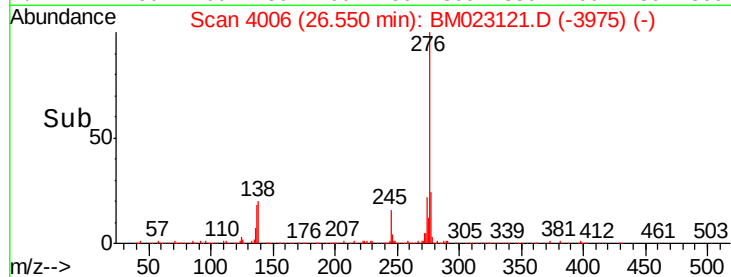
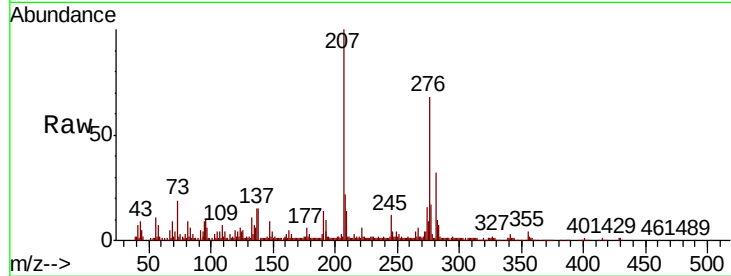
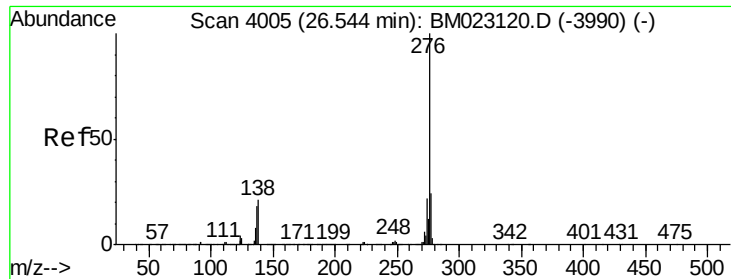
Delta R.T. -0.03 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Tgt Ion:	278	Resp:	53794
Ion Ratio	Lower	Upper	
278	100		
139	25.4	13.2	19.8#
279	32.4	19.0	28.6#





#94

Benzo(a,h,i)perylene

Concen: 5.510 ng/ul

RT: 26.55 min Scan# 4006

Delta R.T. -0.02 min

Lab File: BM023121.D

Acq: 11 Oct 2019 09:57

Instrument :

BNA_M

ClientSampleId :

JLM50

Tot Ion:	276	Resp:	229644
Ion Ratio	Lower	Upper	
276	100		
138	21.5	17.6	26.4
277	25.2	19.1	28.7

Manual Integrations
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