

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
 Data File : BM023707.D
 Acq On : 13 Nov 2019 21:19
 Operator : JU
 Sample : K5678-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLM93

Manual Integrations
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mohammad
 11/14/2019 6:59:42 AM

Quant Time: Nov 16 04:33:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 01:13:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	494575	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2128537	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1365785	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2531462	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1831375	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2166213	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	31394	2.62	ng/uL	0.00
5) Phenol-d5	6.73	99	877186	19.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	508387	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	706661	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	748195	20.80	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	369251	24.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	429879	26.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	828517	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	685343	17.09	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2518168	23.64	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3021259	24.86	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	192559	10.59	ng/ul	0.00
58) Fluorene-d10	15.20	176	2172533	23.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	236763	16.17	ng/ul	0.00
71) Anthracene-d10	17.04	188	2971963	24.75	ng/ul	0.00
79) Pyrene-d10	19.35	212	2671800	27.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	2737289	24.01	ng/ul	0.02

Target Compounds

					Ovalue
4) Benzaldehyde	6.69	77	36594	1.384	ng/ul 88
6) Phenol	6.76	94	70703	1.522	ng/ul 97
11) 2-Methylphenol	7.99	108	144224	4.161	ng/ul 97
14) Acetophenone	8.36	105	63839	1.138	ng/ul 98
28) Naphthalene	10.36	128	192745	1.723	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	334768	3.912	ng/ul 96
45) Dimethylphthalate	13.66	163	390309	3.739	ng/ul 100
50) Acenaphthene	14.26	153	146382	1.686	ng/ul 100
54) Dibenzofuran	14.60	168	195244	1.519	ng/ul 94
59) Fluorene	15.25	166	159751	1.532	ng/ul 99
70) Phenanthrene	16.99	178	915672	6.567	ng/ul 97
72) Anthracene	17.08	178	236608m	1.688	ng/ul
75) Carbazole	17.35	167	123932	1.060	ng/ul# 74
76) Di-n-butylphthalate	17.93	149	396318	3.075	ng/ul# 92
77) Fluoranthene	19.02	202	744583	4.984	ng/ul 98
80) Pyrene	19.38	202	582404	4.920	ng/ul 98
81) Butylbenzylphthalate	20.30	149	48327	1.289	ng/ul# 84
83) Benzo(a)anthracene	21.14	228	259288	2.146	ng/ul# 83
84) Bis(2-ethylhexyl)phthalate	21.10	149	1066492	18.840	ng/ul# 92
85) Chrysene	21.19	228	305383	2.685	ng/ul# 80
88) Benzo(b)fluoranthene	22.69	252	411277	2.978	ng/ul# 1
91) Benzo(a)pyrene	23.23	252	218439	1.728	ng/ul# 1
92) Indeno(1,2,3-cd)pyrene	25.49	276	161065	1.192	ng/ul# 73

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 01:13:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(q,h,i)perylene	26.14	276	180640	1.649	ng/ul#	79

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

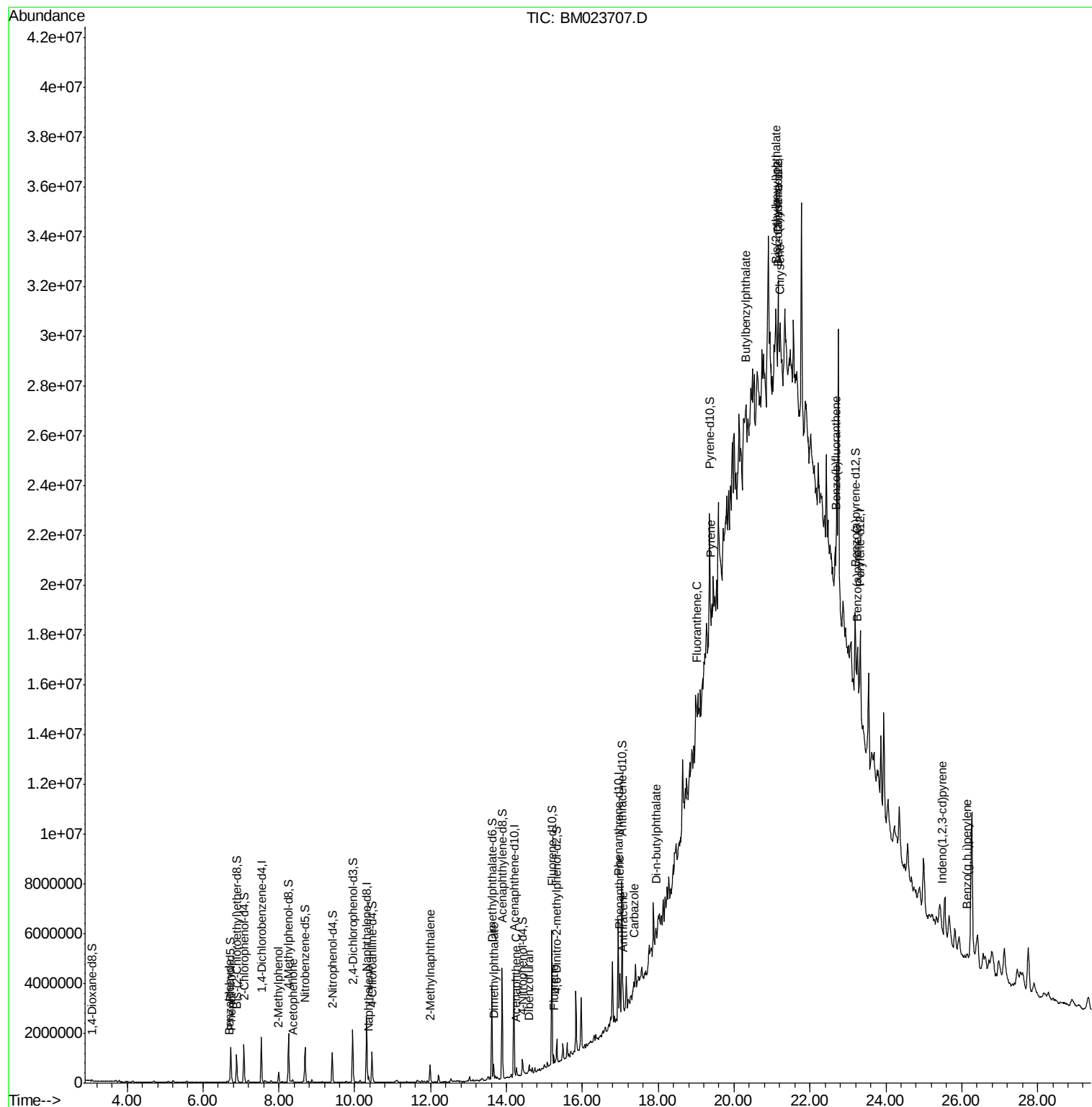
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
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Operator : JU
Sample : K5678-11
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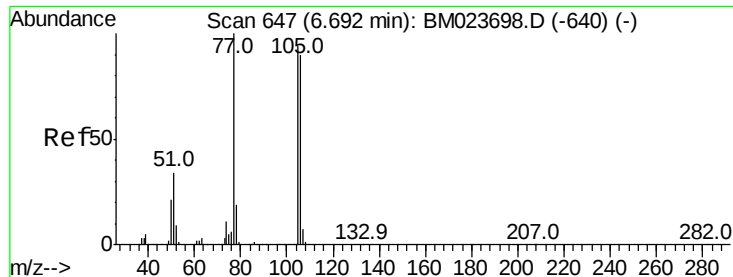
Instrument :
BNA_M
ClientSampled :
JLM93

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.384 ng/ul

RT: 6.69 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Instrument :

BNA_M

ClientSampleId :

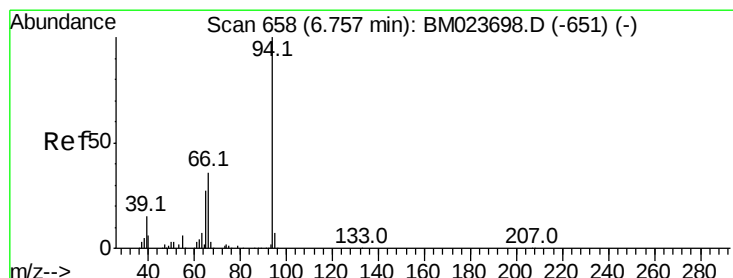
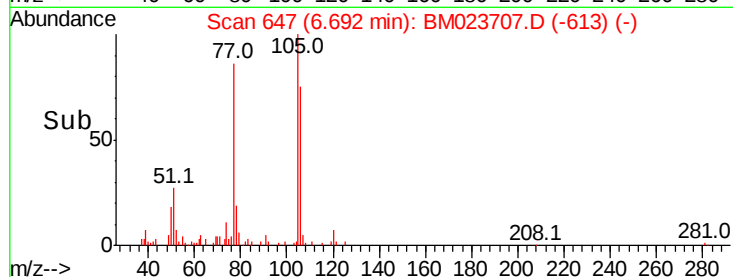
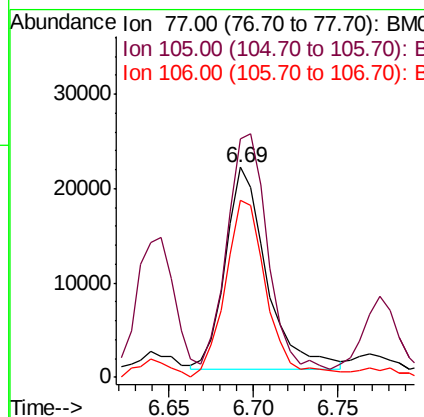
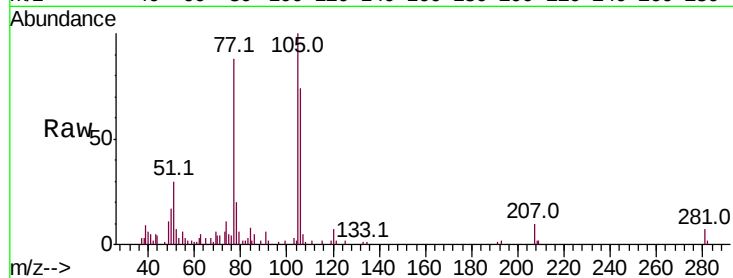
JLM93

Tot Ion: 77 Resp: 36594

Ion	Ratio	Lower	Upper
77	100		
105	113.4	75.9	113.9
106	84.0	70.2	105.4

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#6

Phenol

Concen: 1.522 ng/ul

RT: 6.76 min Scan# 658

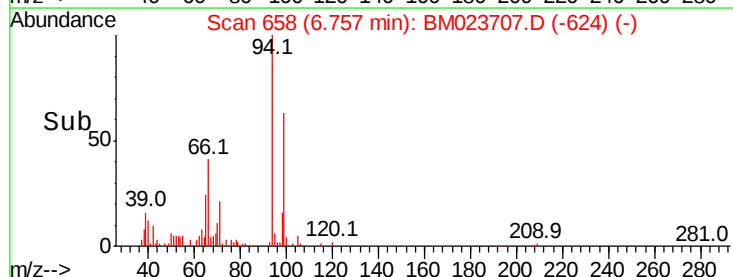
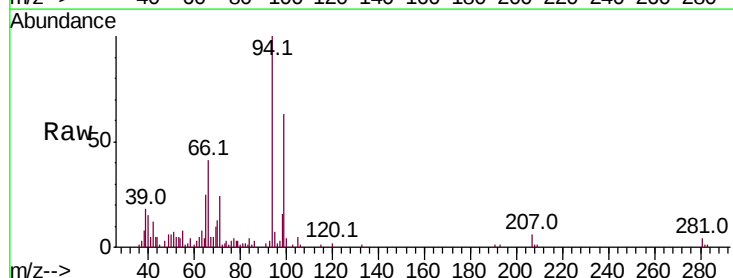
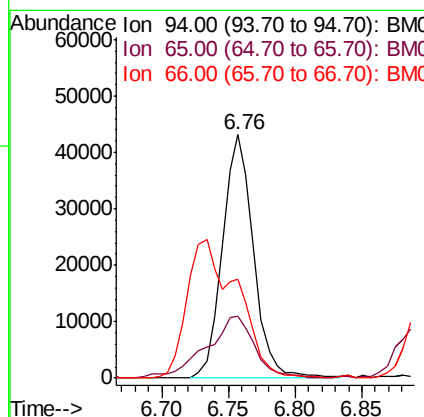
Delta R.T. -0.00 min

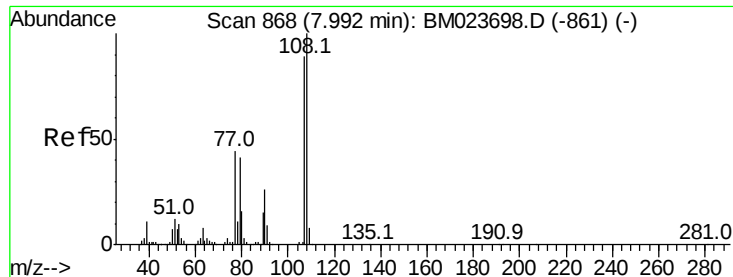
Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Tgt Ion: 94 Resp: 70703

Ion	Ratio	Lower	Upper
94	100		
65	25.1	21.4	32.2
66	40.6	30.7	46.1





#11

2-Methylphenol

Concen: 4.161 ng/ul

RT: 7.99 min Scan# 868

Delta R.T. -0.00 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Instrument :

BNA_M

ClientSampled :

JLM93

Tot Ion:108 Resp: 144224

Ion Ratio Lower Upper

108 100

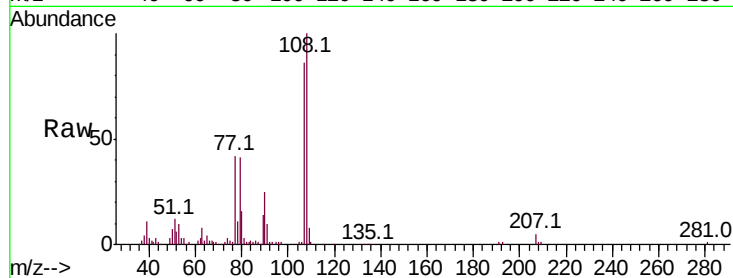
107 86.2 71.4 107.2

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Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

7.99

100000

80000

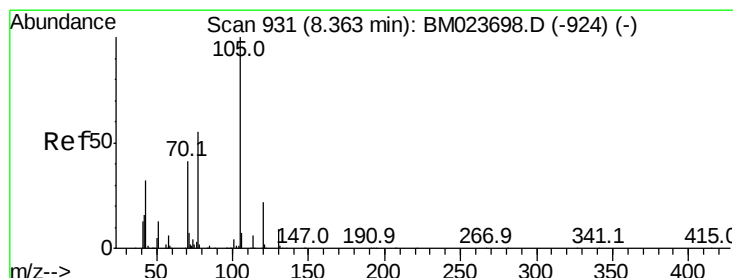
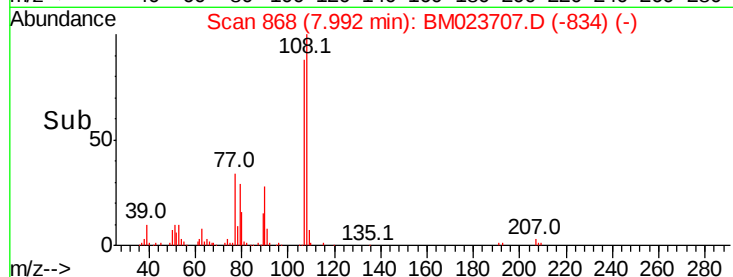
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#14

Acetophenone

Concen: 1.138 ng/ul

RT: 8.36 min Scan# 931

Delta R.T. -0.00 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

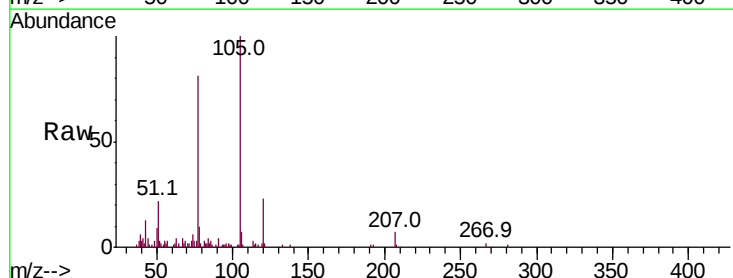
Tgt Ion:105 Resp: 63839

Ion Ratio Lower Upper

105 100

77 80.9 63.8 95.6

51 21.5 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

50000

40000

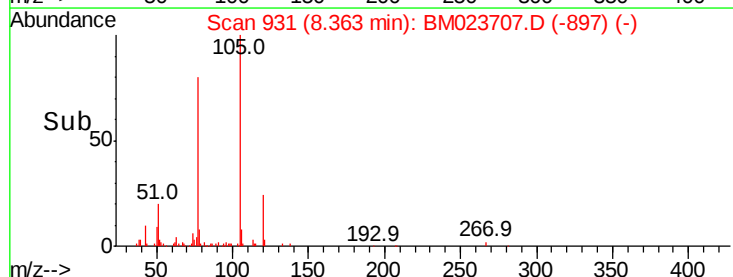
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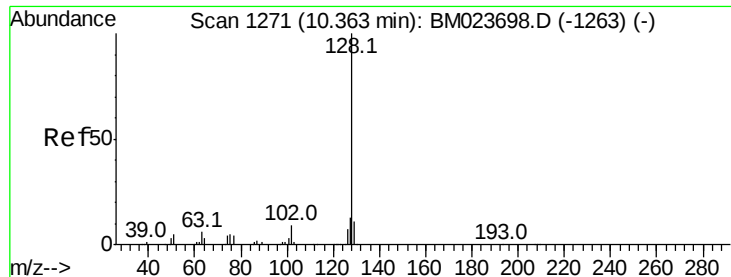
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10000

0

Time--> 8.30 8.35 8.40





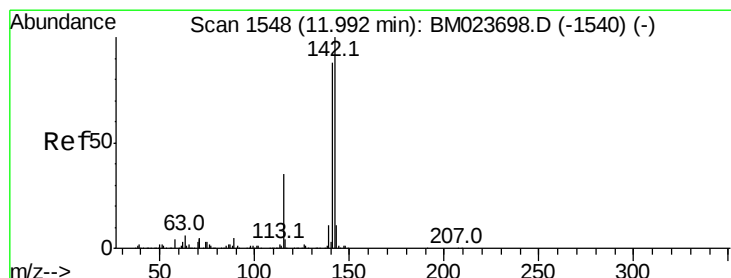
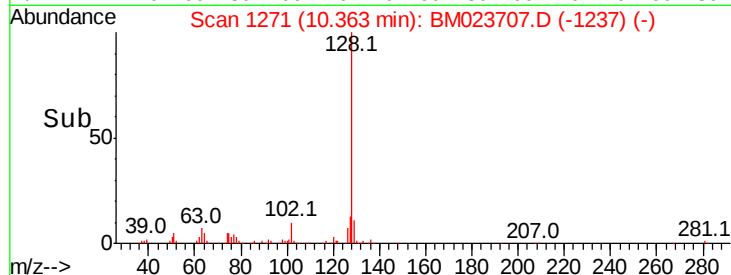
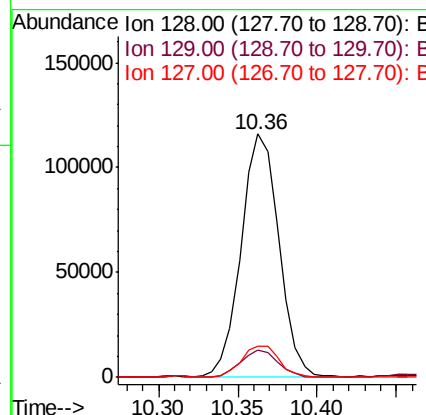
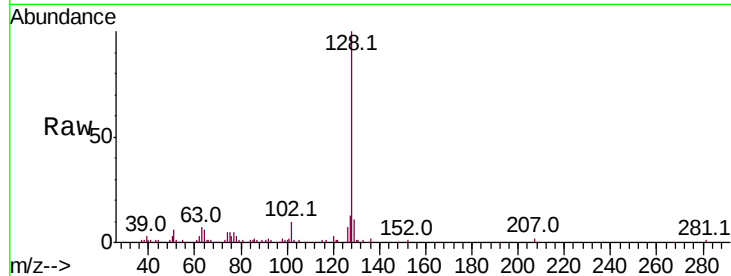
#28
Naphthalene
Concen: 1.723 ng/ul
RT: 10.36 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Instrument :
BNA_M
ClientSampleId :
JLM93

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.0	10.6	16.0

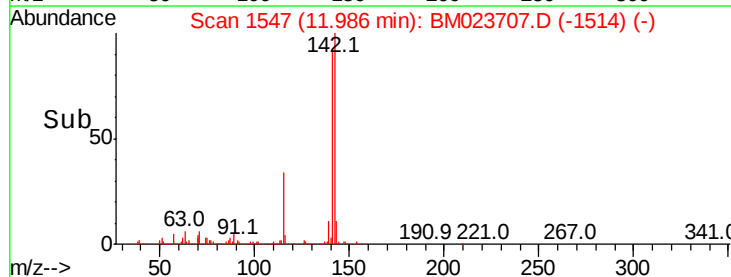
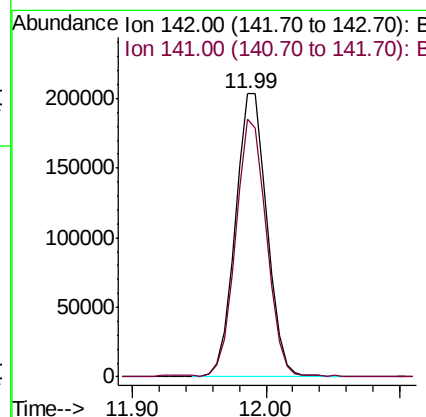
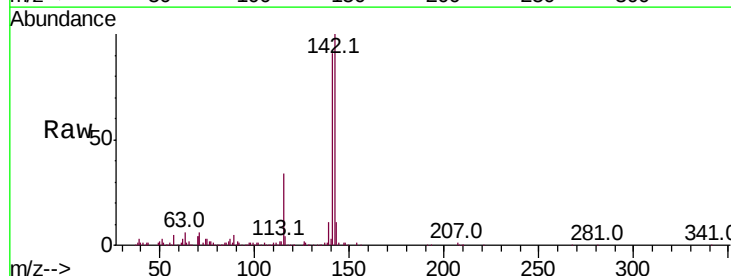
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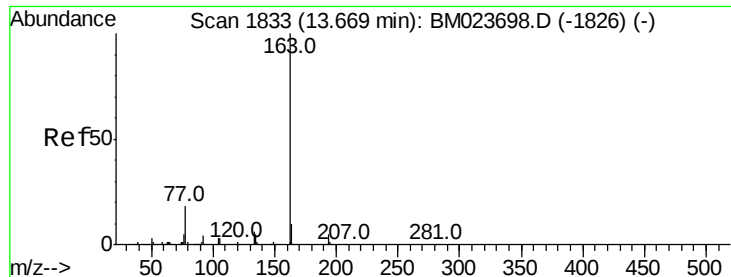
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#34
2-Methylnaphthalene
Concen: 3.912 ng/ul
RT: 11.99 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	69.8	104.8





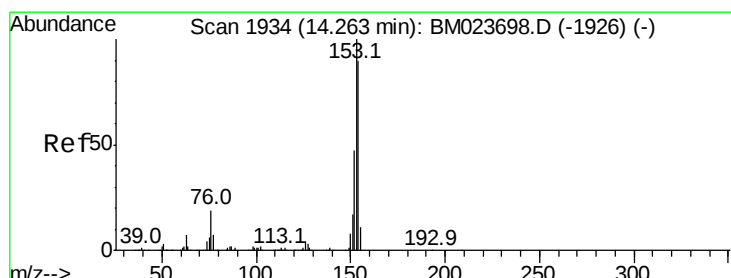
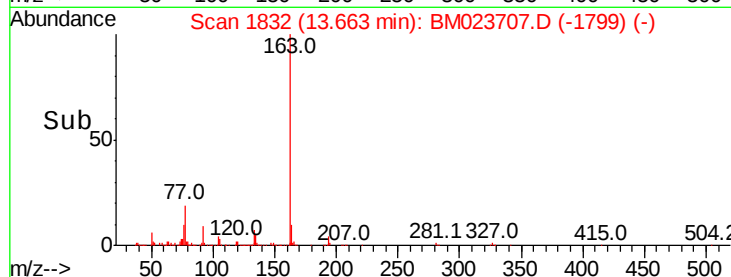
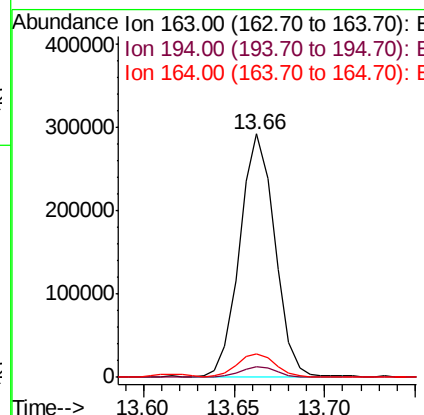
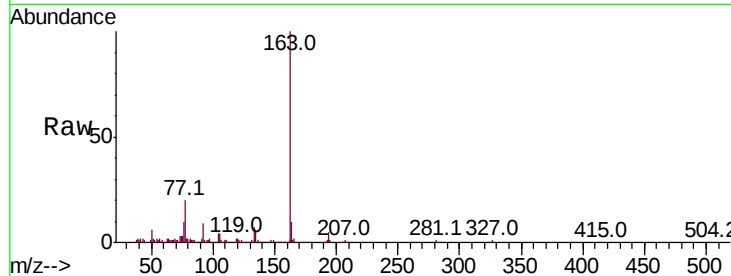
#45
Dimethylphthalate
Concen: 3.739 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Instrument :
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ClientSampleId :
JLM93

Tot Ion	Ratio	Resp	Lower	Upper
163	100	390309		
194	4.6		3.4	5.2
164	9.9		8.0	12.0

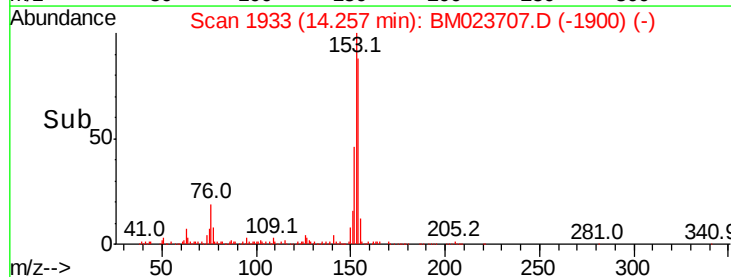
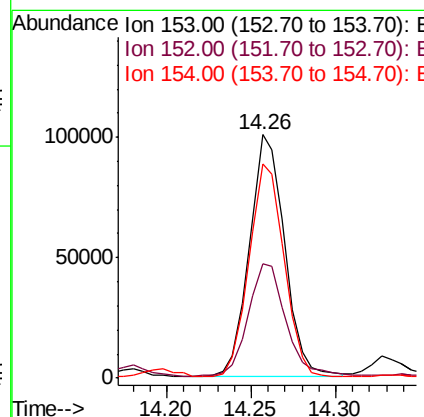
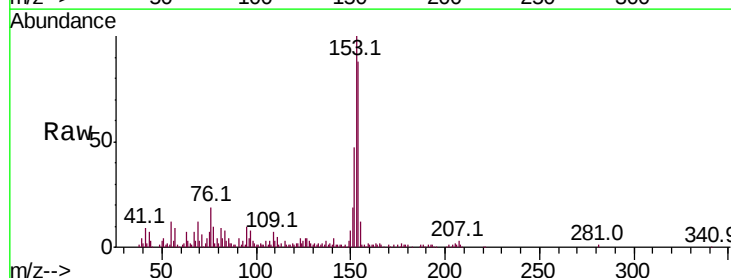
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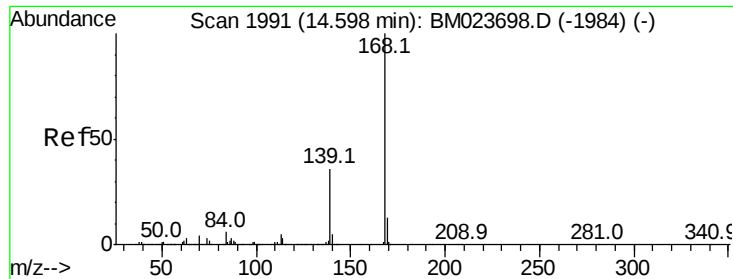
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#50
Acenaphthene
Concen: 1.686 ng/ul
RT: 14.26 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	146382		
152	46.8		37.7	56.5
154	88.0		70.6	106.0





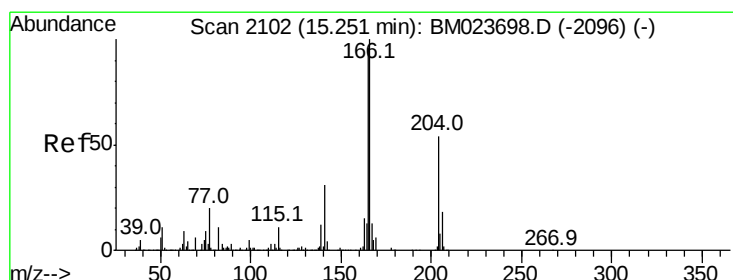
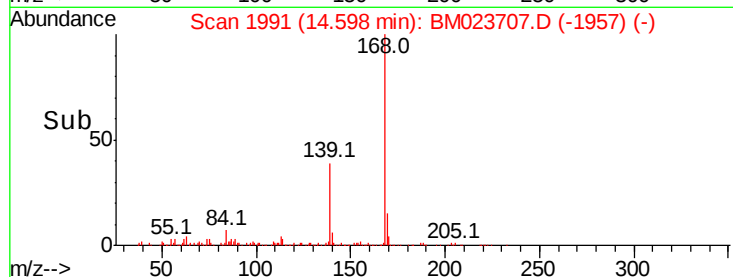
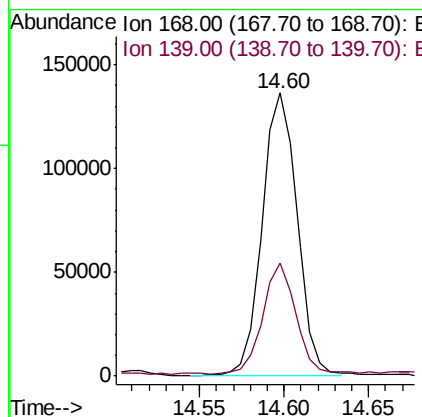
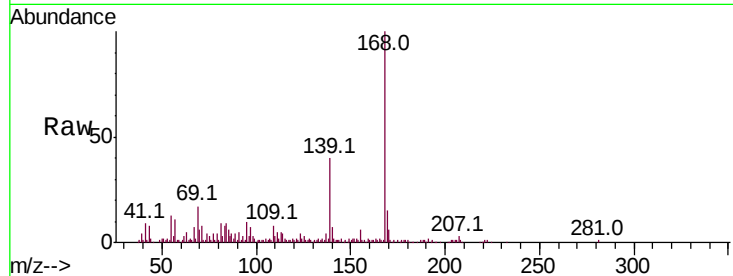
#54
Dibenzofuran
Concen: 1.519 ng/ul
RT: 14.60 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
168	100	195244		
139	39.9	29.3	43.9	

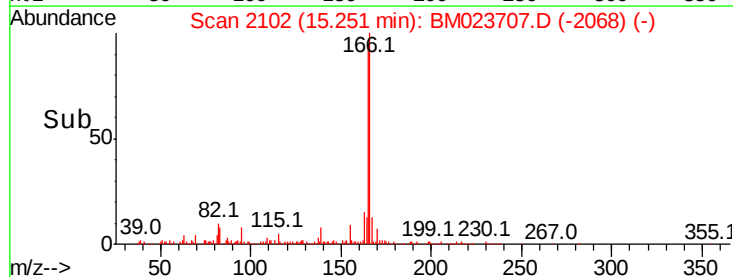
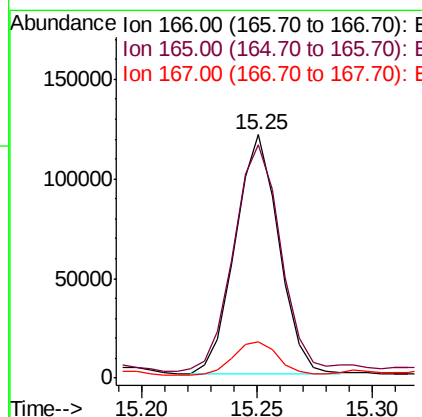
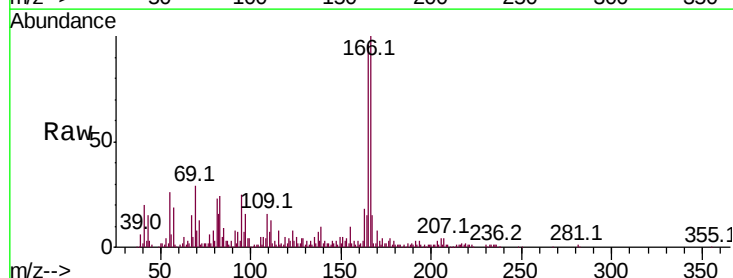
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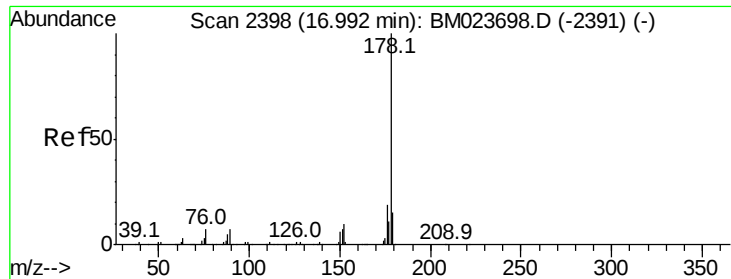
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#59
Fluorene
Concen: 1.532 ng/ul
RT: 15.25 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	159751		
165	96.0	77.2	115.8	
167	15.1	10.9	16.3	





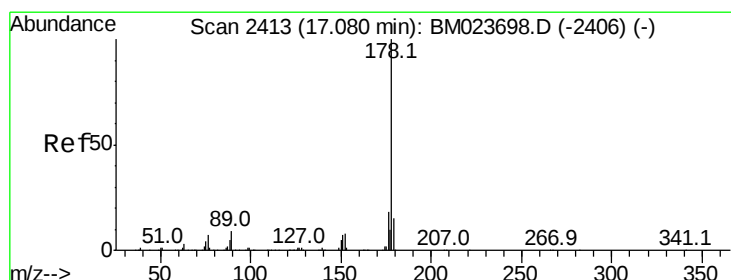
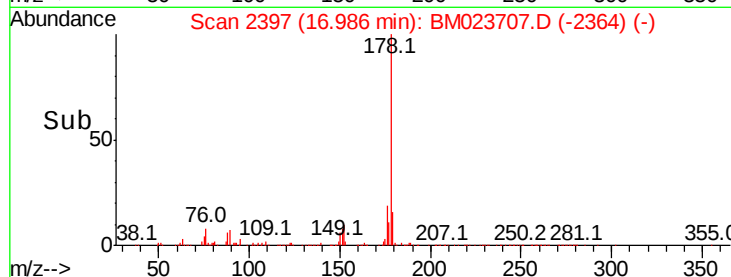
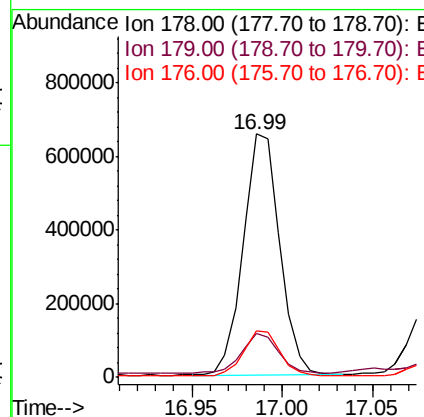
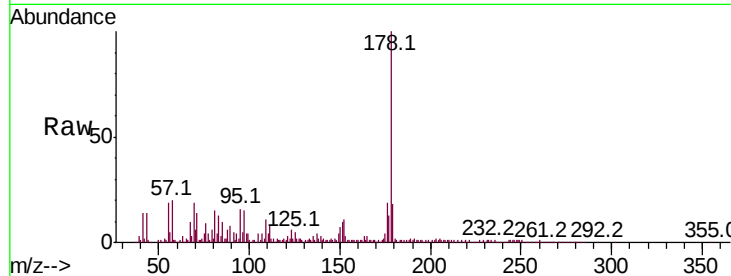
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 Phenanthrene
 Concen: 6.567 ng/ul
 RT: 16.99 min Scan# 2397
 Delta R.T. -0.01 min
 Lab File: BM023707.D
 Acq: 13 Nov 2019 21:19

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
178	100		
179	17.9	12.3	18.5
176	19.1	15.0	22.6

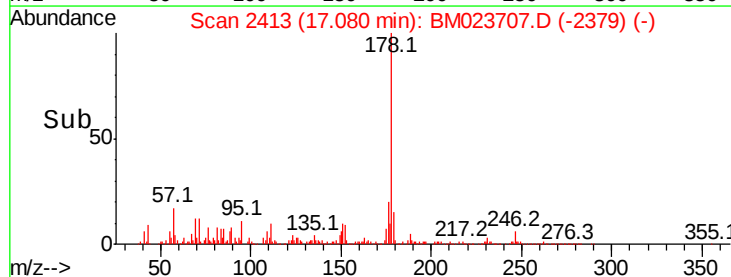
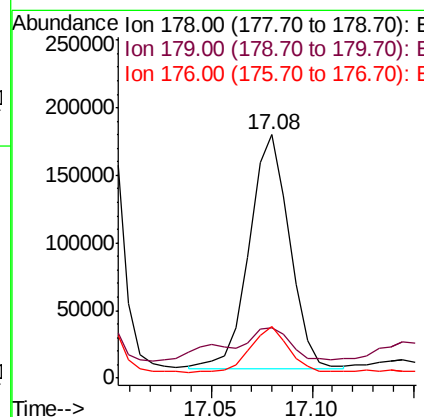
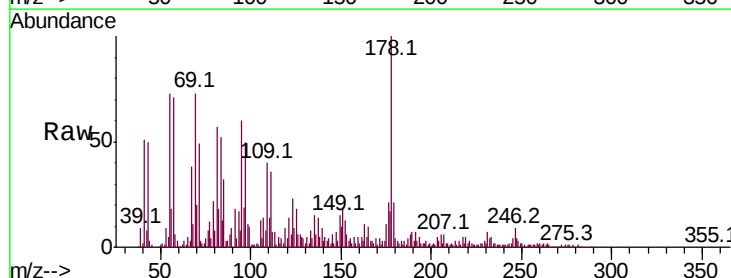
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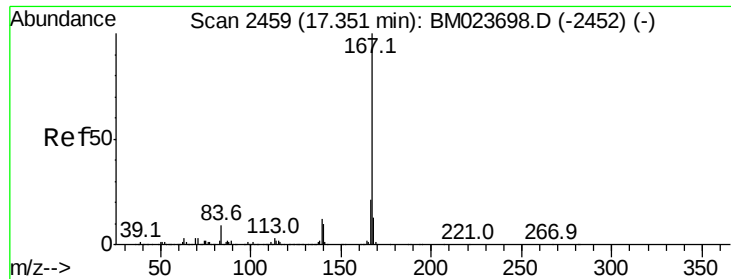
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#72
 Anthracene
 Concen: 1.688 ng/ul m
 RT: 17.08 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BM023707.D
 Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.3	18.5#
176	21.1	14.7	22.1





#75

Carbazole

Concen: 1.060 ng/ul

RT: 17.35 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Instrument :

BNA_M

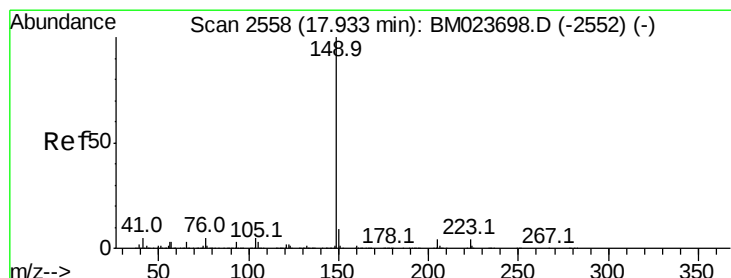
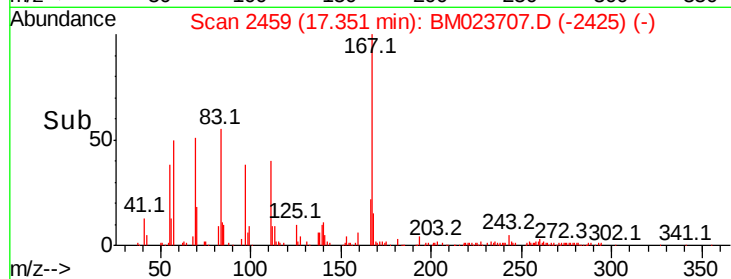
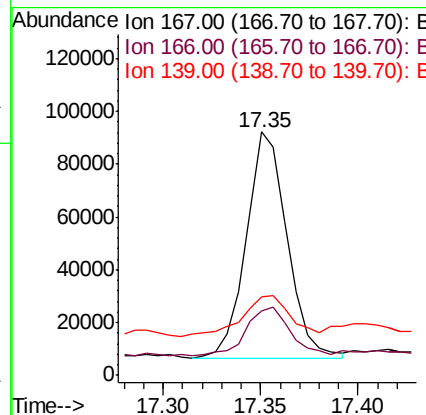
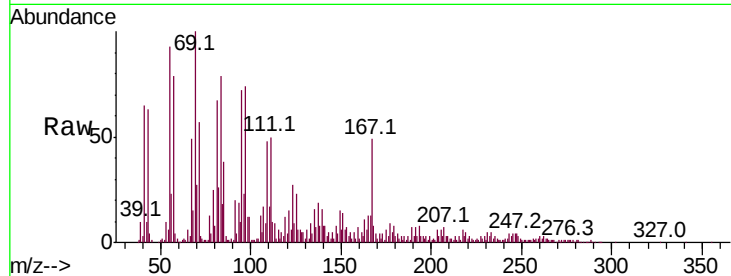
ClientSampleId :

JLM93

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	26.7	17.1	25.7#	
139	32.0	9.8	14.6#	

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#76

Di-n-butylphthalate

Concen: 3.075 ng/ul

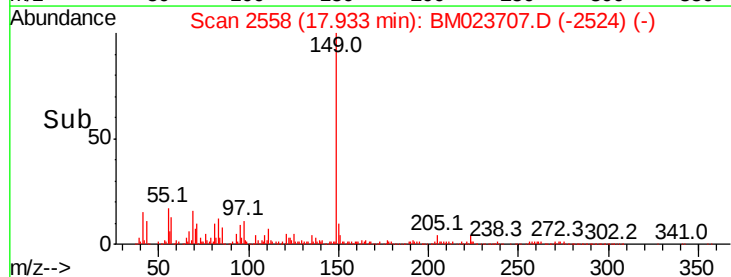
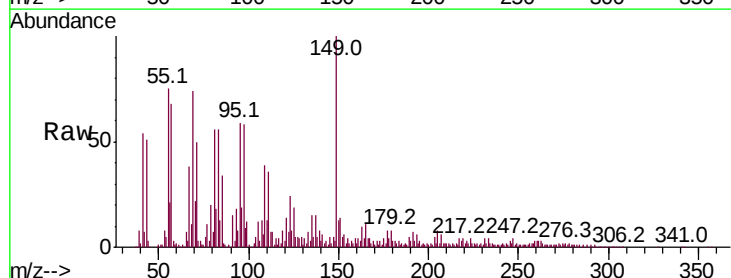
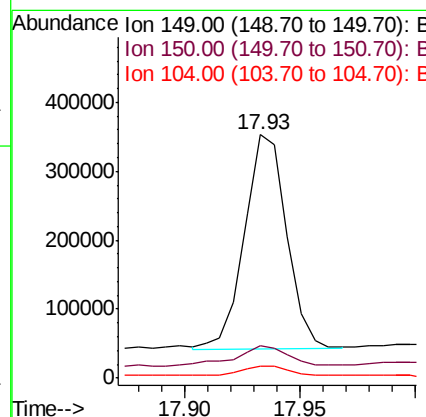
RT: 17.93 min Scan# 2558

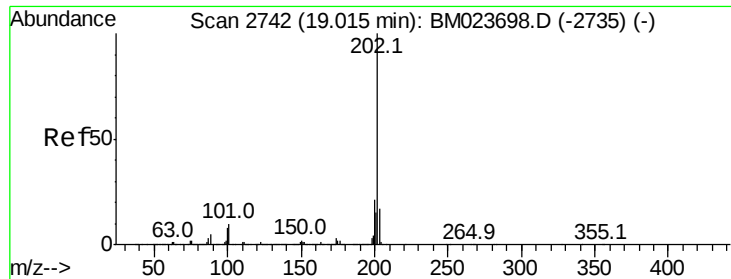
Delta R.T. -0.00 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	13.2	7.1	10.7#	
104	5.0	4.2	6.2	





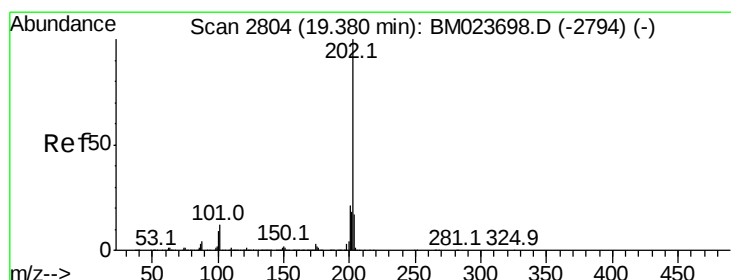
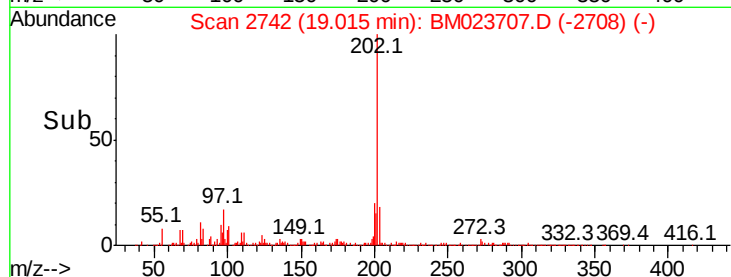
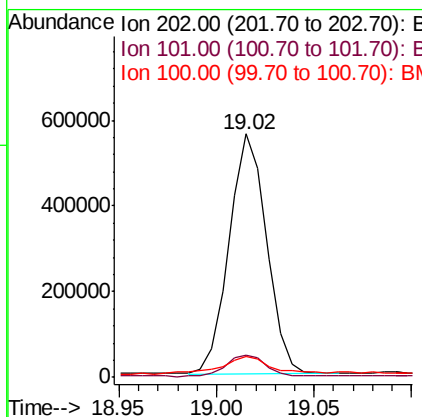
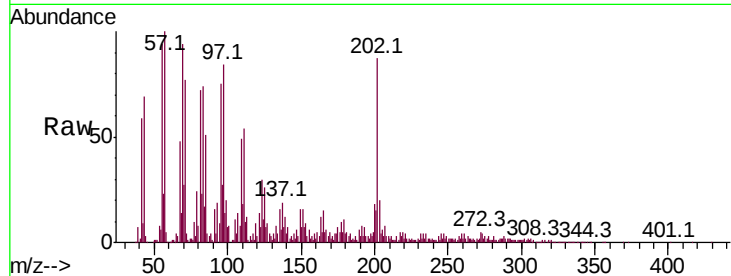
#77
Fluoranthene
Concen: 4.984 ng/ul
RT: 19.02 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Instrument :
BNA_M
ClientSampleId :
JLM93

Tot Ion	Ratio	Resp	Lower	Upper
202	100	744583		
101	9.3		7.7	11.5
100	8.4		6.0	9.0

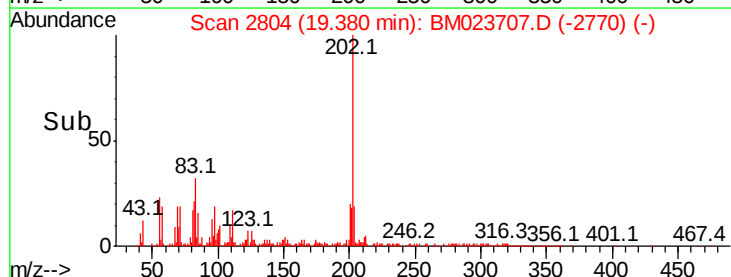
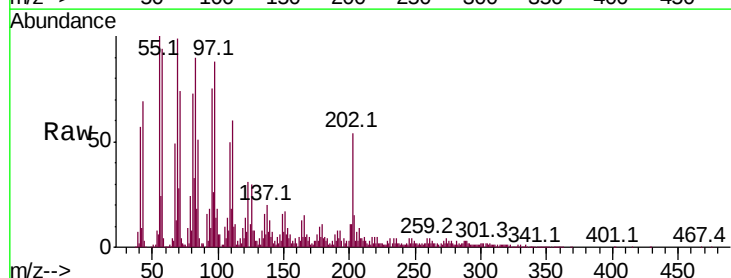
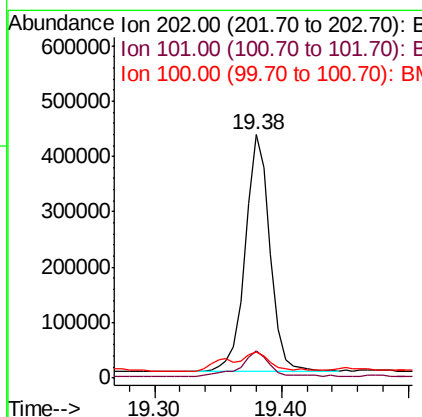
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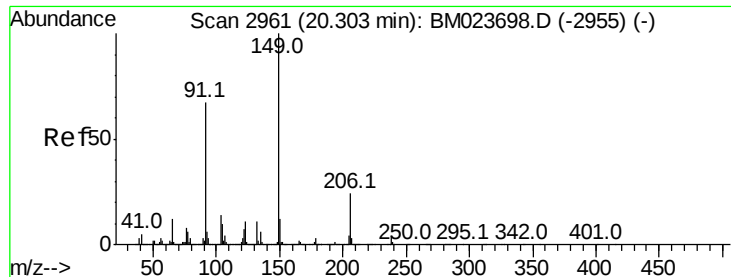
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#80
Pyrene
Concen: 4.920 ng/ul
RT: 19.38 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	582404		
101	11.2		9.8	14.6
100	10.5		8.1	12.1





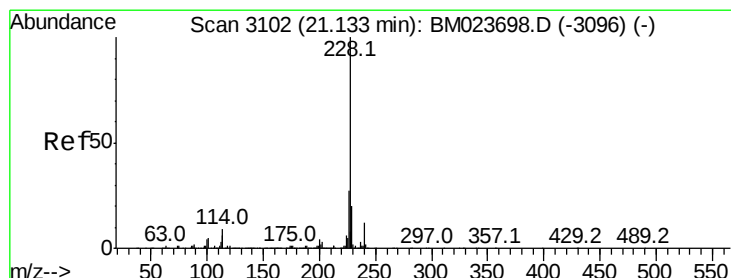
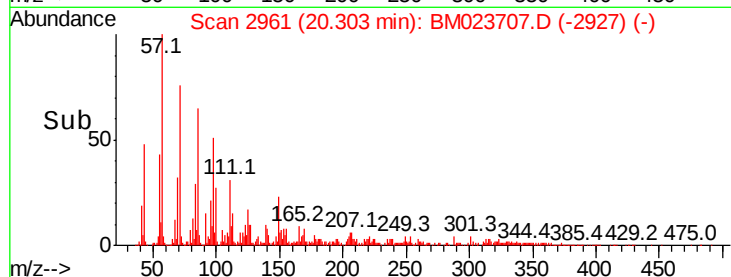
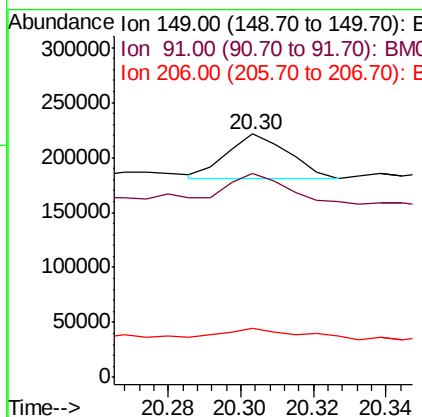
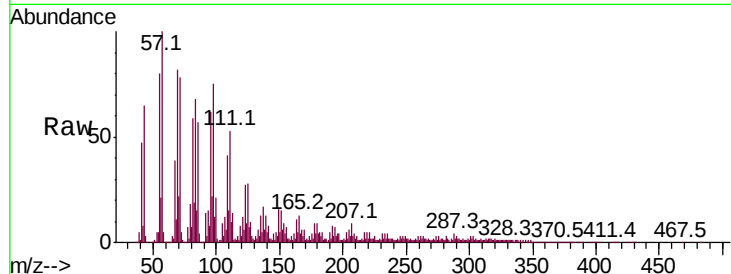
#81
Butylbenzylphthalate
Concen: 1.289 ng/ul
RT: 20.30 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Instrument :
BNA_M
ClientSampleID :
JLM93

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.8	54.9	82.3#
206	20.4	19.3	28.9

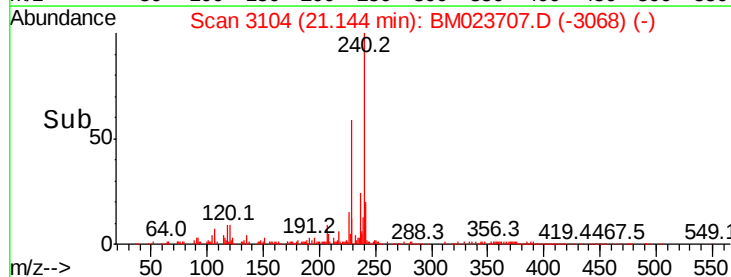
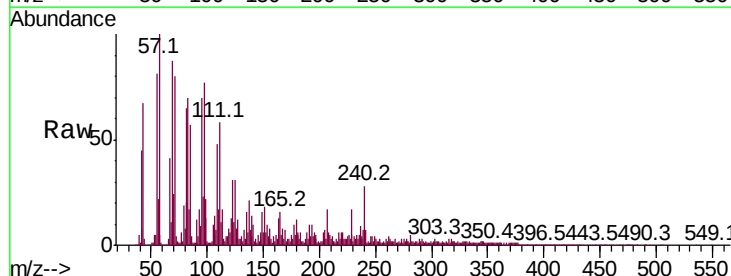
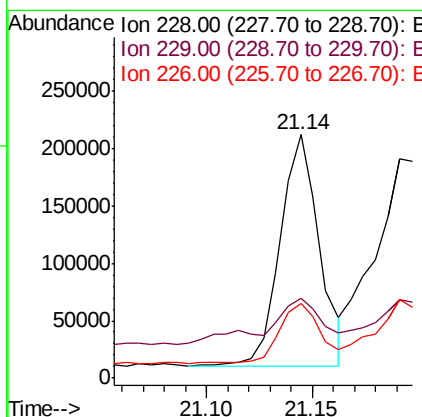
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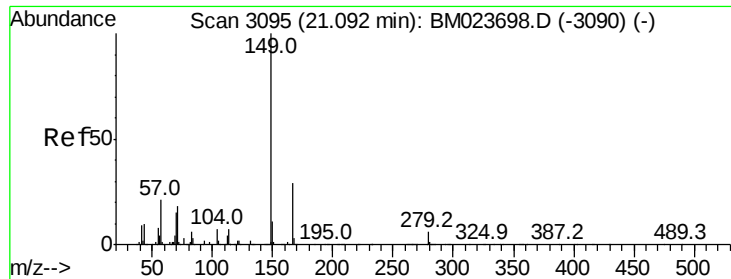
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#83
Benzo(a)anthracene
Concen: 2.146 ng/ul
RT: 21.14 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	32.9	15.6	23.4#
226	30.7	21.4	32.2





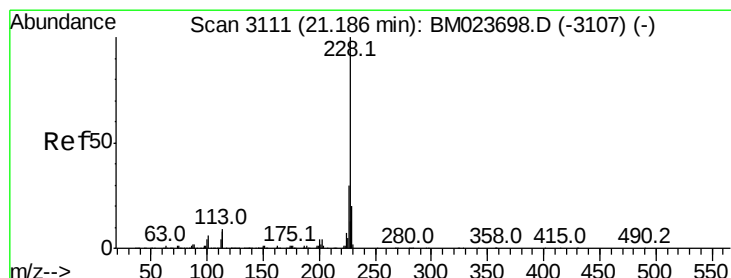
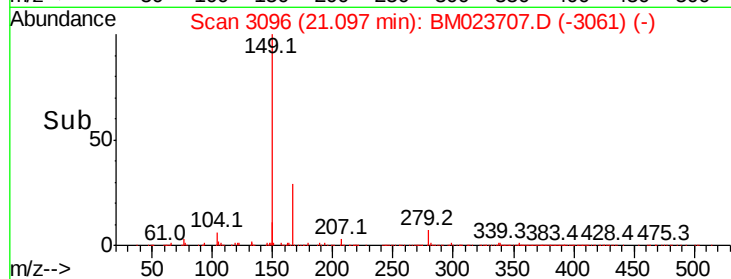
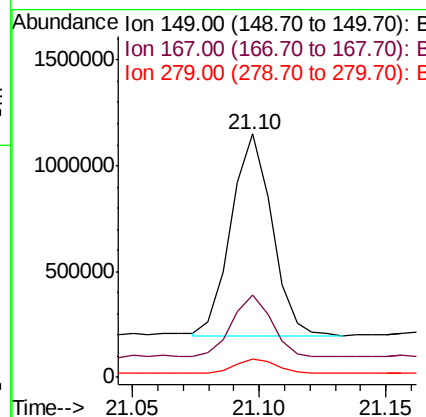
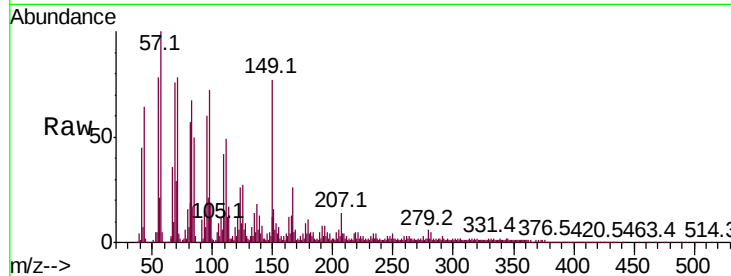
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.840 ng/ul
 RT: 21.10 min Scan# 3096
 Delta R.T. 0.01 min
 Lab File: BM023707.D
 Acq: 13 Nov 2019 21:19

Instrument :
 BNA_M
 ClientSampleId :
 JLM93

Tot Ion	Ratio	Lower	Upper
149	100		
167	33.8	23.4	35.2
279	7.7	5.0	7.4

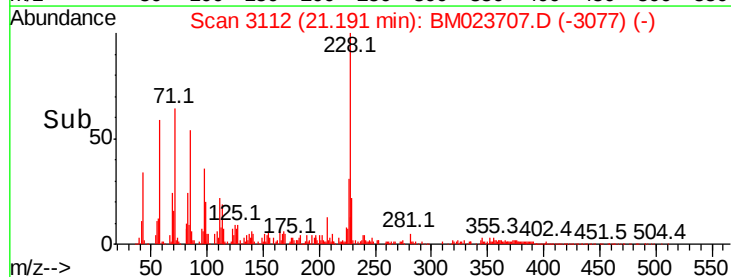
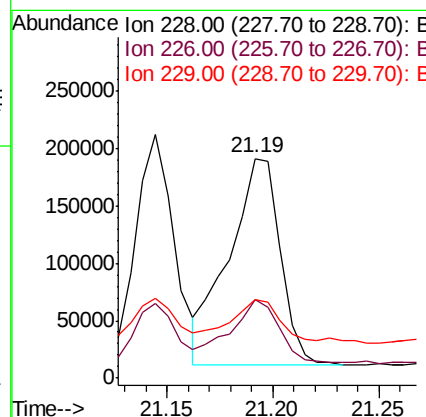
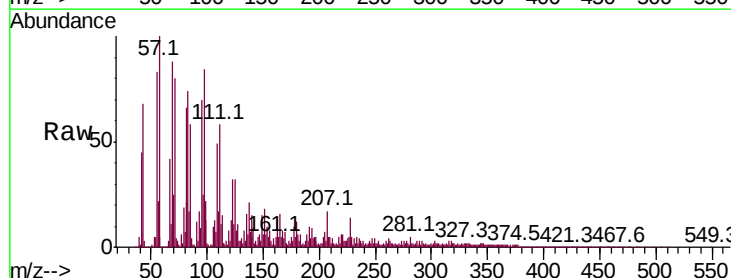
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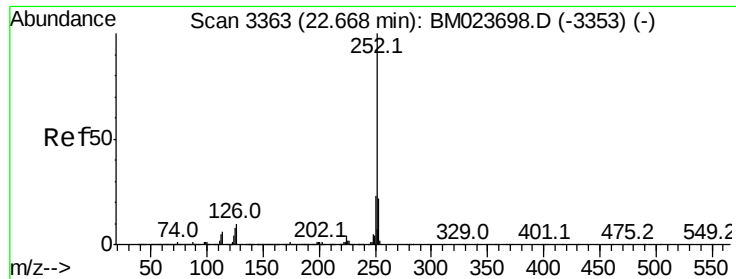
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#85
 Chrysene
 Concen: 2.685 ng/ul
 RT: 21.19 min Scan# 3112
 Delta R.T. 0.01 min
 Lab File: BM023707.D
 Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.5	23.8	35.8
229	35.9	15.8	23.6





#88

Benzo(b)fluoranthene

Concen: 2.978 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Instrument :

BNA_M

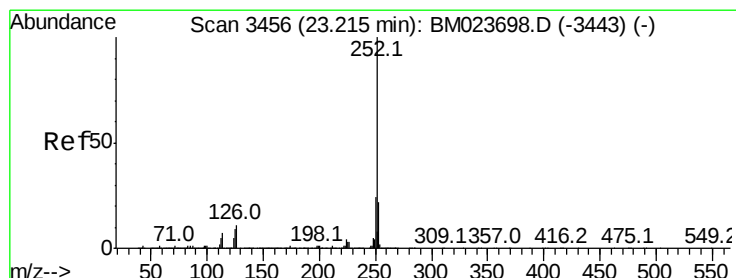
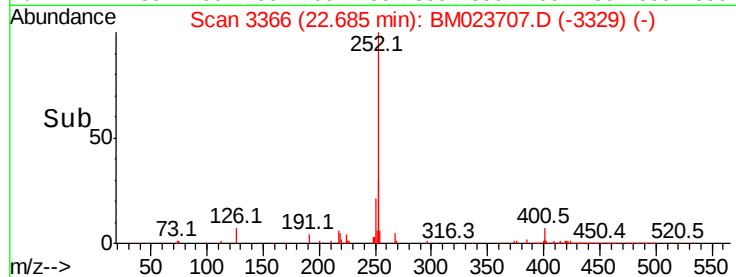
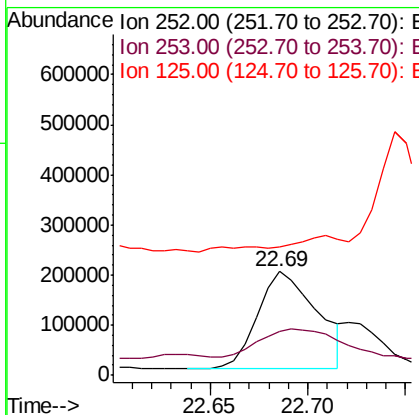
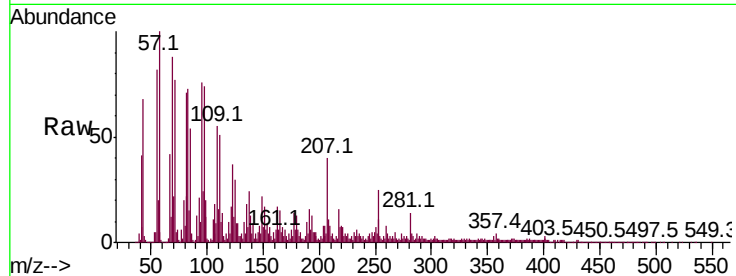
ClientSampleId :

JLM93

Tot Ion:	252	Resp:	411277
Ion Ratio	Lower	Upper	
252	100		
253	42.9	17.8	26.8#
125	123.4	6.5	9.7#

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#91

Benzo(a)pyrene

Concen: 1.728 ng/ul

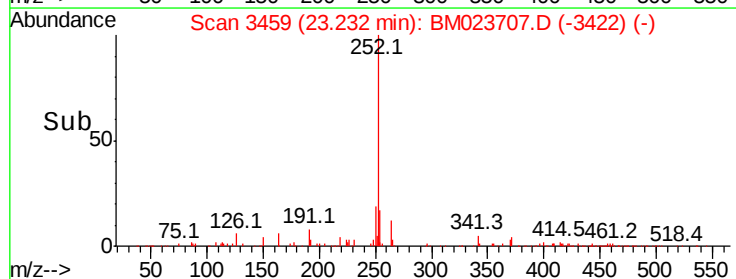
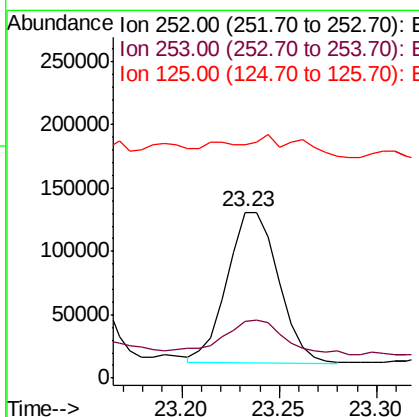
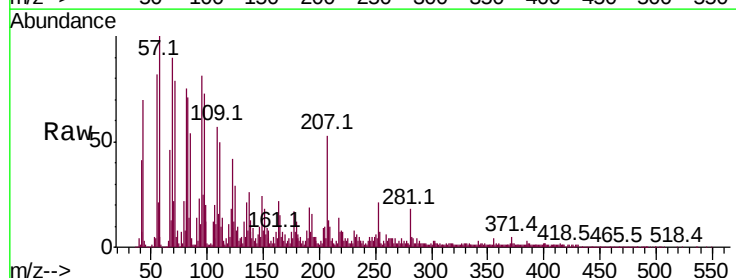
RT: 23.23 min Scan# 3459

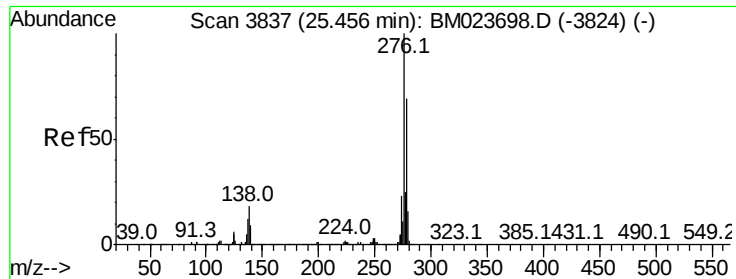
Delta R.T. 0.02 min

Lab File: BM023707.D

Acq: 13 Nov 2019 21:19

Tgt Ion:	252	Resp:	218439
Ion Ratio	Lower	Upper	
252	100		
253	34.0	17.3	25.9#
125	140.6	6.9	10.3#





#92

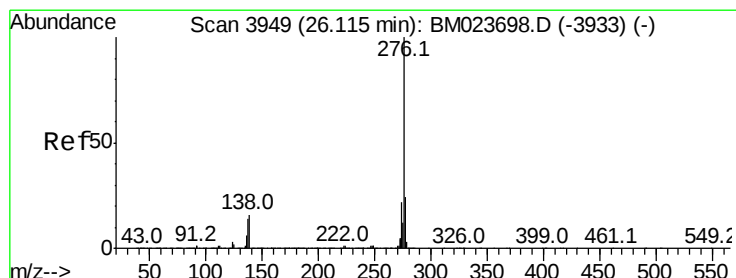
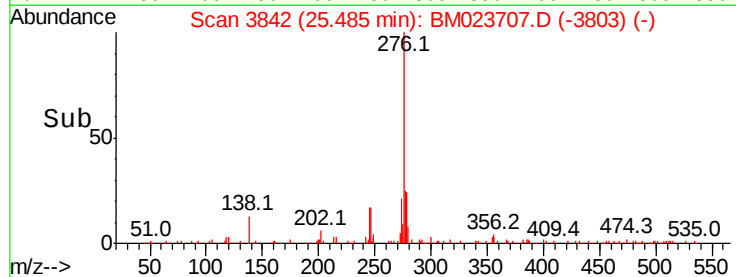
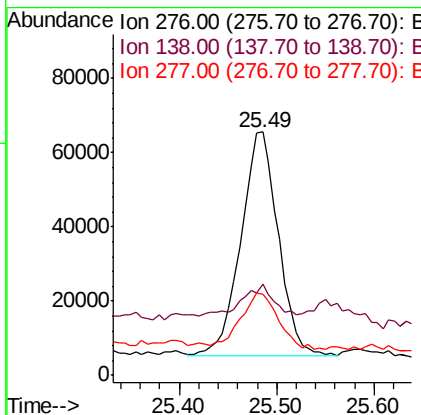
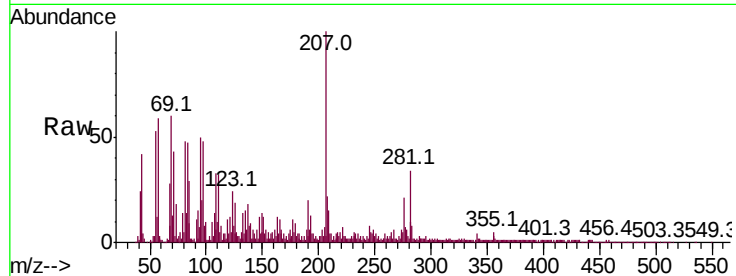
Indeno(1,2,3-cd)pyrene
Concen: 1.192 ng/ul
RT: 25.49 min Scan# 3842
Delta R.T. 0.03 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Instrument :
BNA_M
ClientSampleId :
JLM93

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	37.6	15.0	22.4#
277	33.0	20.0	30.0#

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#94

Benzo(g,h,i)perylene
Concen: 1.649 ng/ul
RT: 26.14 min Scan# 3953
Delta R.T. 0.02 min
Lab File: BM023707.D
Acq: 13 Nov 2019 21:19

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	29.3	13.2	19.8#
277	30.4	18.6	28.0#

