

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021723.D
 Acq On : 30 Jul 2019 09:43
 Operator : HP/JU
 Sample : K3863-15
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F5

Manual Integrations
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mohammad
 7/30/2019 4:52:06 PM

Quant Time: Jul 30 12:57:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 30 05:24:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	165812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	687521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	439207	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	858246	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	663275	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	790038	20.00	ng/ul	0.00

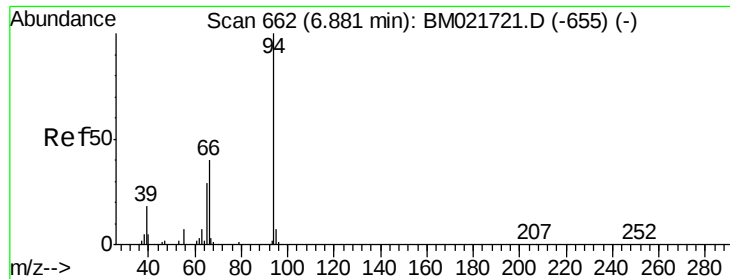
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8939m	2.59	ng/uL	0.00
5) Phenol-d5	6.86	99	155451	12.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	94232	13.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	141625	13.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	136090	13.00	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	68179	13.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	71670	12.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	161810	13.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	90176	7.86	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	504929	14.90	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	580659	14.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	24665m	4.79	ng/ul	0.01
57) Fluorene-d10	15.32	176	448833	15.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	13465	2.52	ng/ul	0.00
70) Anthracene-d10	17.17	188	642226	14.87	ng/ul	0.00
78) Pyrene-d10	19.47	212	621250	16.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	632533	15.13	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.88	94	28328	2.128	ng/ul 97
44) Dimethylphthalate	13.79	163	150135	4.267	ng/ul 98
49) Acenaphthene	14.39	153	37612	1.250	ng/ul 98
58) Fluorene	15.38	166	51742	1.463	ng/ul 95
69) Phenanthrene	17.12	178	958463	18.542	ng/ul 99
71) Anthracene	17.21	178	160832	3.037	ng/ul 98
74) Carbazole	17.49	167	90723	2.069	ng/ul 100
75) Di-n-butylphthalate	18.04	149	74648	1.544	ng/ul# 97
76) Fluoranthene	19.14	202	1426903	23.663	ng/ul 99
79) Pyrene	19.50	202	1090516	22.035	ng/ul 99
82) Benzo(a)anthracene	21.26	228	474075	9.815	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.18	149	32341	1.471	ng/ul# 96
84) Chrysene	21.31	228	522705	11.479	ng/ul 97
87) Benzo(b)fluoranthene	22.84	252	677663	12.606	ng/ul 97
88) Benzo(k)fluoranthene	22.88	252	211412m	4.023	ng/ul
90) Benzo(a)pyrene	23.41	252	427748	8.499	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.75	276	321837	5.514	ng/ul 98
92) Dibenzo(a,h)anthracene	25.76	278	82459	1.699	ng/ul# 83
93) Benzo(g,h,i)perylene	26.44	276	307809	6.343	ng/ul 98

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



#6

Phenol

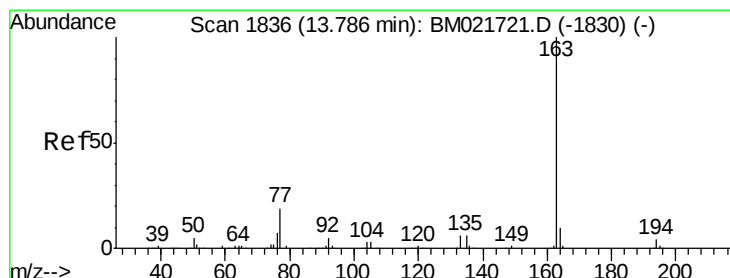
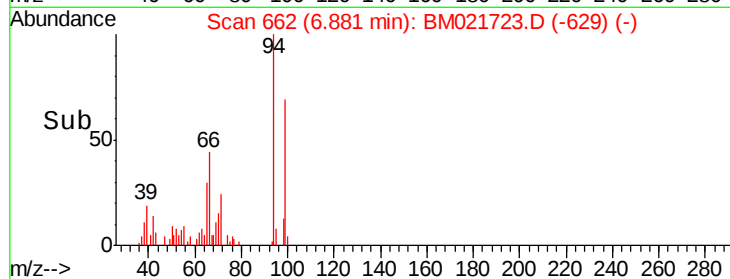
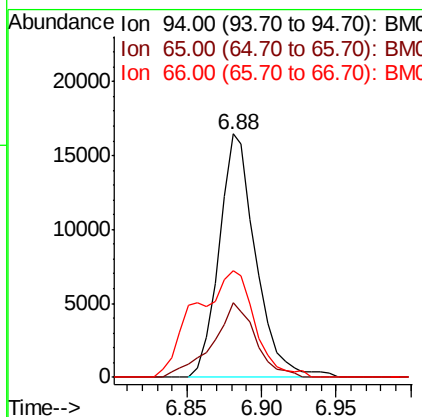
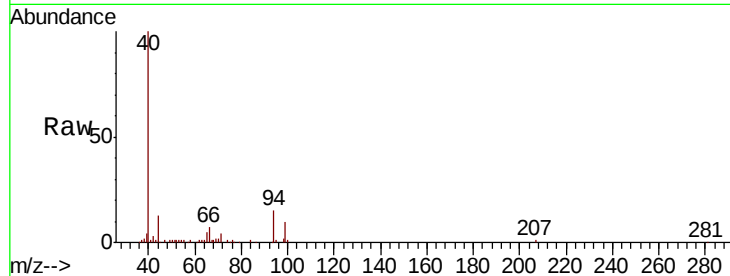
Concen: 2.128 ng/ul
 RT: 6.88 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BM021723.D
 Acq: 30 Jul 2019 09:43

Instrument :
 BNA_M
 ClientSampleId :
 A52F5

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.5	24.8	37.2
66	43.6	33.0	49.4

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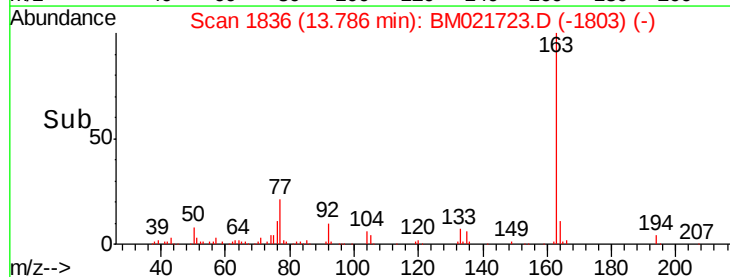
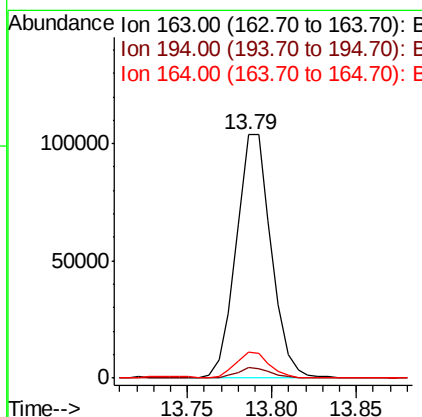
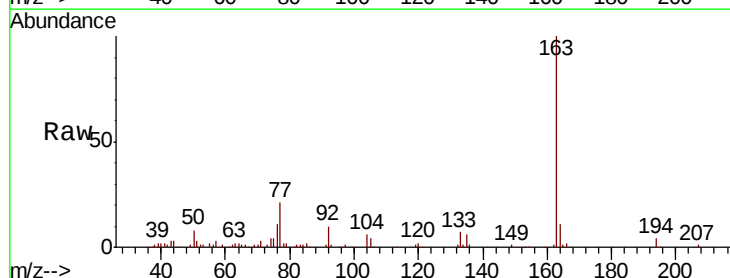


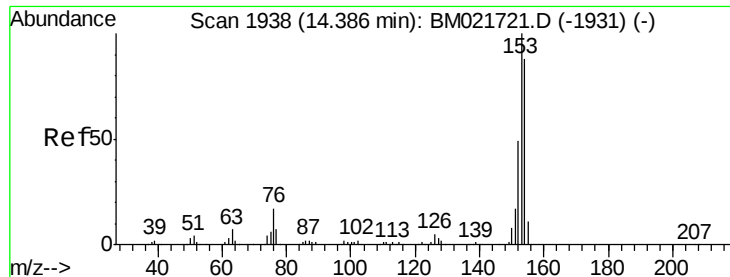
#44

Dimethylphthalate

Concen: 4.267 ng/ul
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM021723.D
 Acq: 30 Jul 2019 09:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.8	8.1	12.1





#49

Acenaphthene

Concen: 1.250 ng/ul

RT: 14.39 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Instrument :

BNA_M

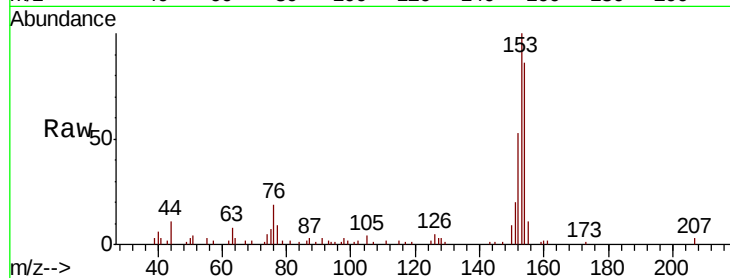
ClientSampleId :

A52F5

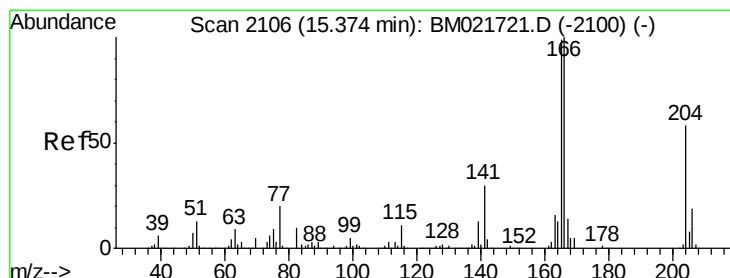
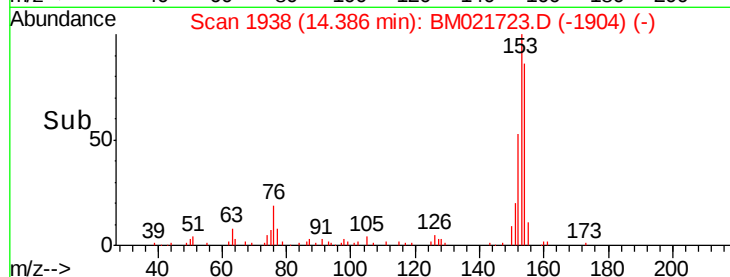
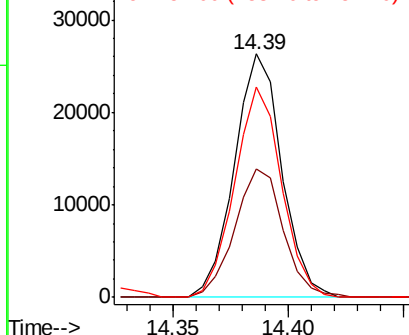
Tot Ion:	153	Resp:	37612
Ion Ratio	Lower	Upper	
153	100		
152	52.6	38.7	58.1
154	86.2	69.2	103.8

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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



#58

Fluorene

Concen: 1.463 ng/ul

RT: 15.38 min Scan# 2107

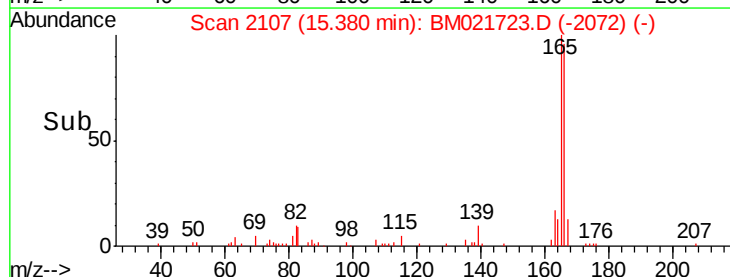
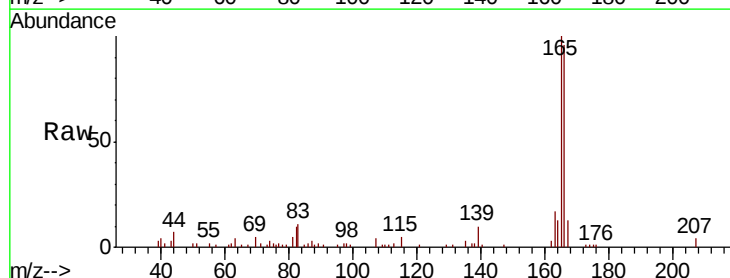
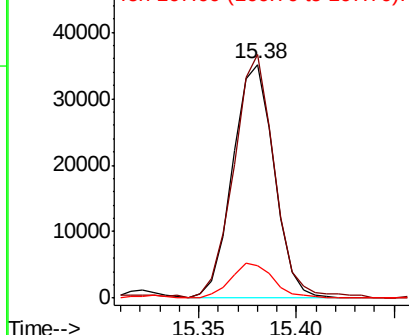
Delta R.T. 0.01 min

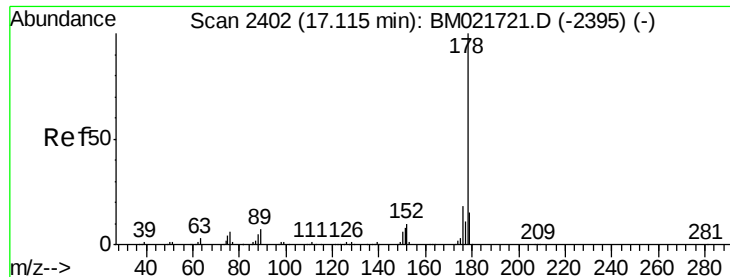
Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Tgt Ion:	166	Resp:	51742
Ion Ratio	Lower	Upper	
166	100		
165	104.1	79.0	118.6
167	13.7	10.8	16.2

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





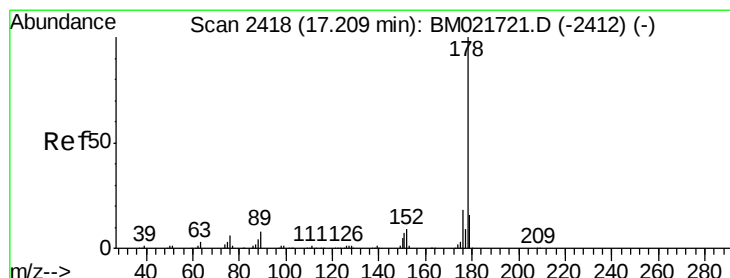
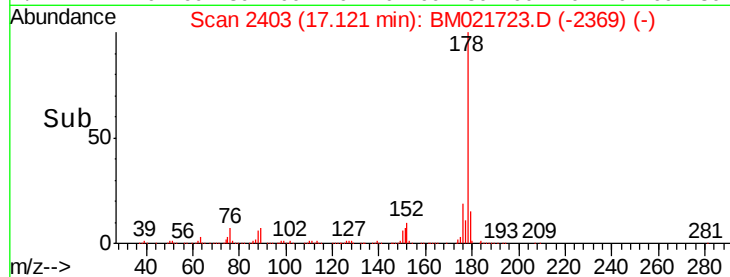
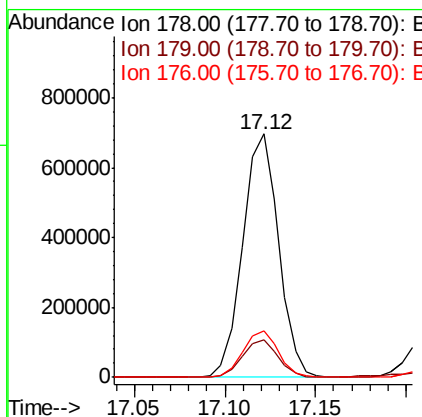
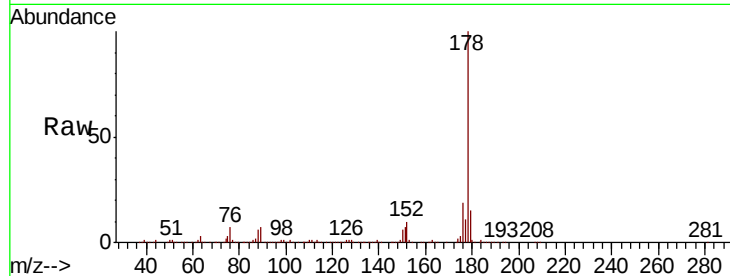
#69
 Phenanthrene
 Concen: 18.542 ng/ul
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.00 min
 Lab File: BM021723.D
 Acq: 30 Jul 2019 09:43

Instrument :
 BNA_M
 ClientSampleId :
 A52F5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.0	15.4	23.2

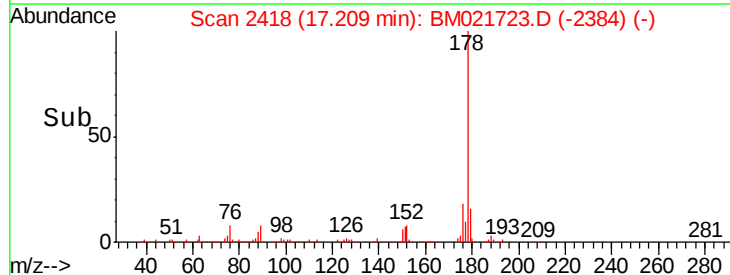
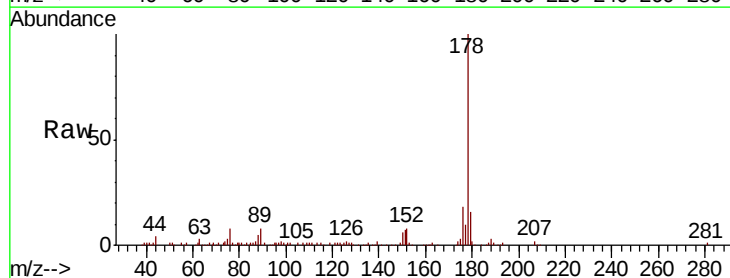
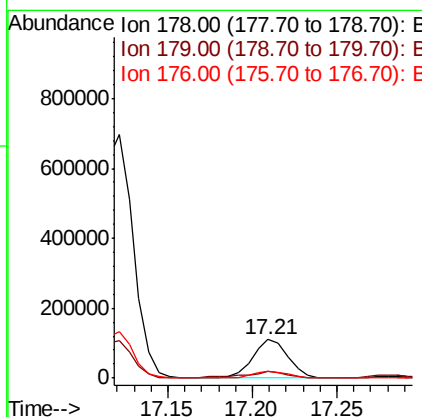
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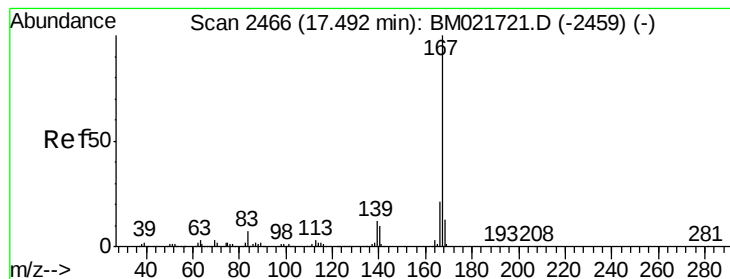
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#71
 Anthracene
 Concen: 3.037 ng/ul
 RT: 17.21 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: BM021723.D
 Acq: 30 Jul 2019 09:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	18.1	14.8	22.2





#74

Carbazole

Concen: 2.069 ng/ul

RT: 17.49 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Instrument :

BNA_M

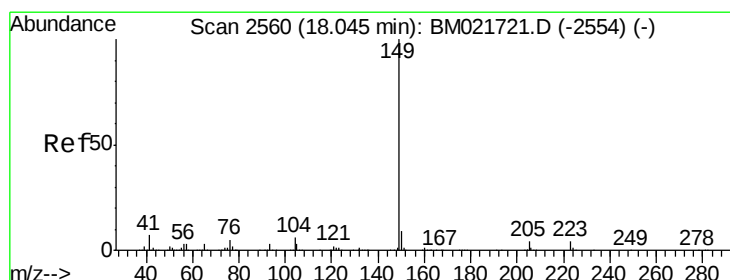
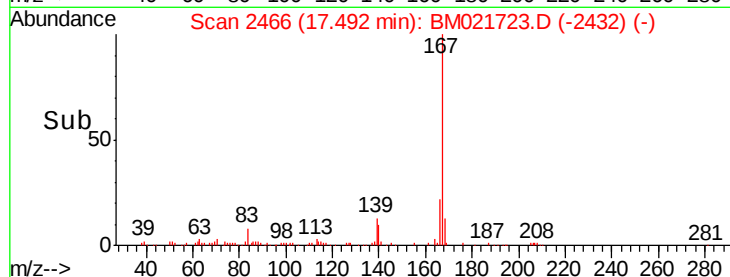
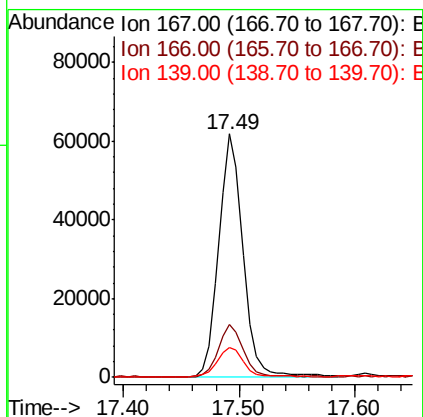
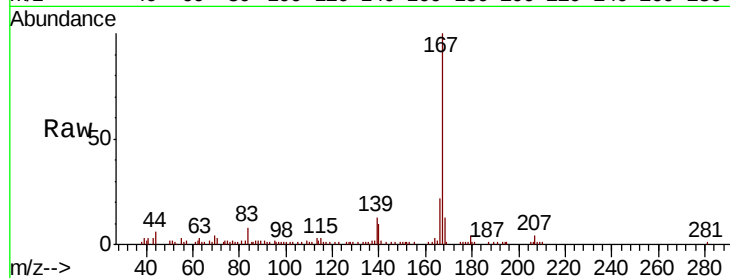
ClientSampleId :

A52F5

Tot Ion:	167	Resp:	90723
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.0	25.4
139	12.5	10.0	15.0

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#75

Di-n-butylphthalate

Concen: 1.544 ng/ul

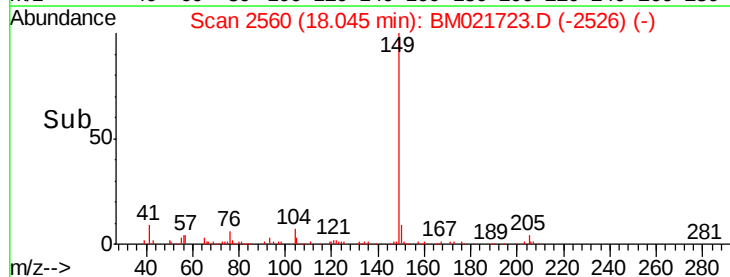
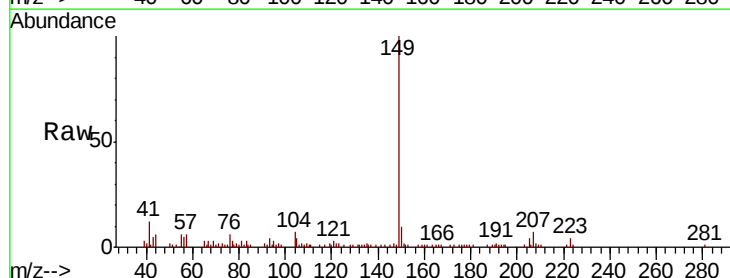
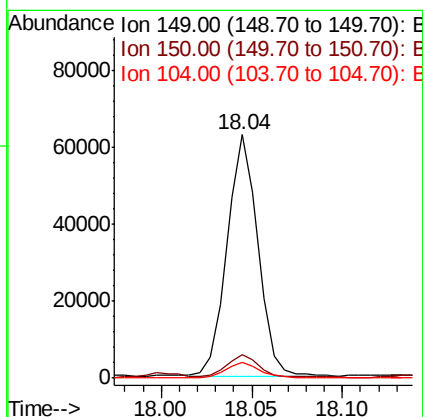
RT: 18.04 min Scan# 2560

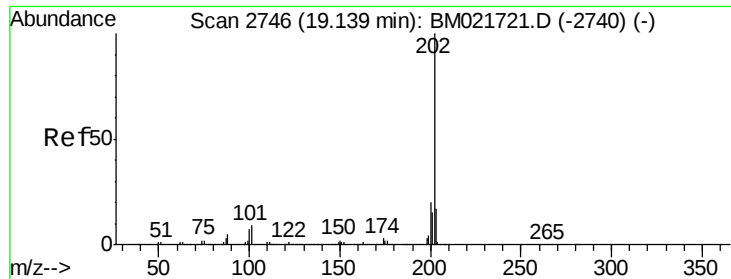
Delta R.T. -0.00 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Tgt Ion:	149	Resp:	74648
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.1	10.7
104	6.6	4.2	6.2#





#76

Fluoranthene

Concen: 23.663 ng/ul

RT: 19.14 min Scan# 2746

Delta R.T. -0.00 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Instrument :

BNA_M

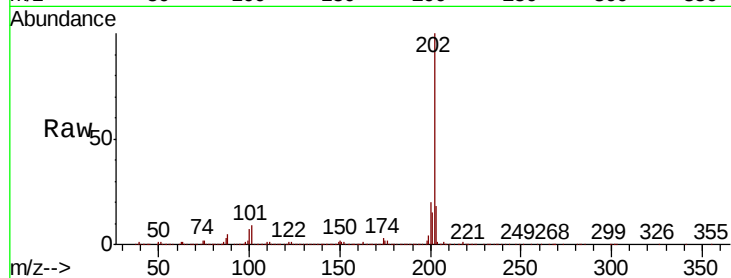
ClientSampleId :

A52F5

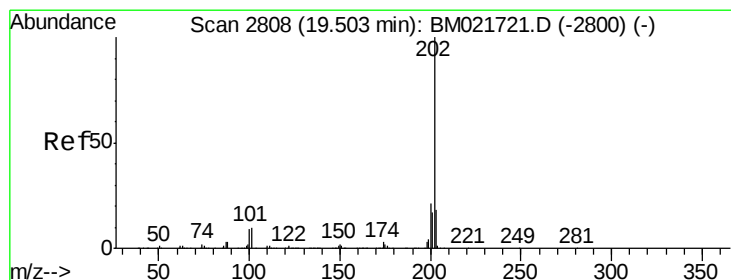
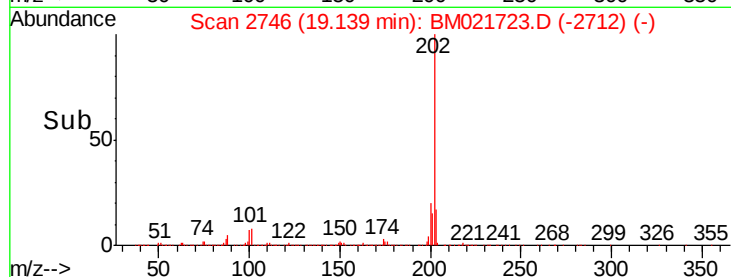
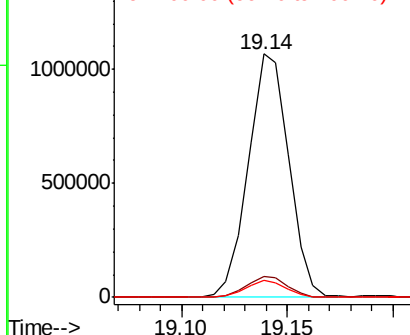
Tot Ion:	202	Resp:	1426903
Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.7	10.1
100	6.8	5.1	7.7

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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



#79

Pyrene

Concen: 22.035 ng/ul

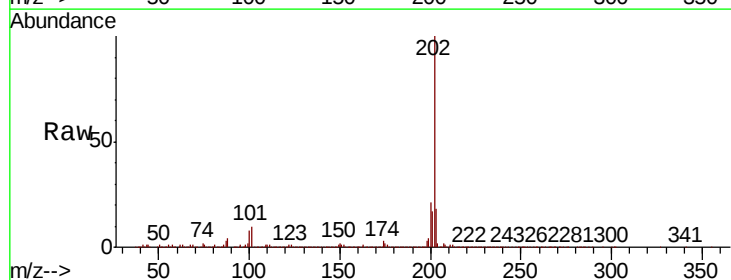
RT: 19.50 min Scan# 2808

Delta R.T. -0.00 min

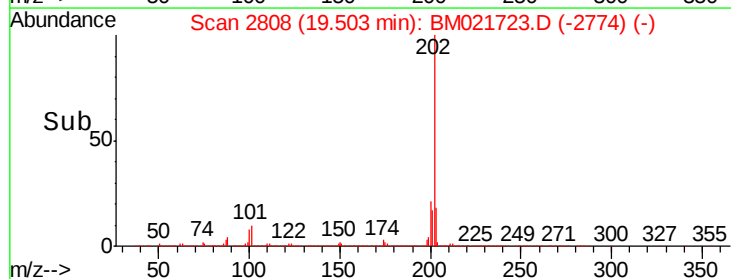
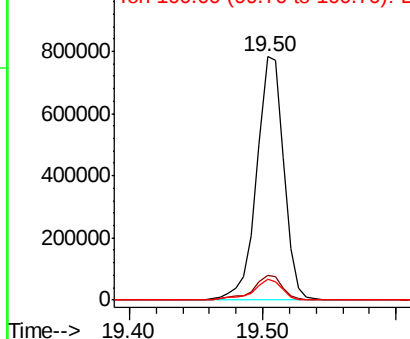
Lab File: BM021723.D

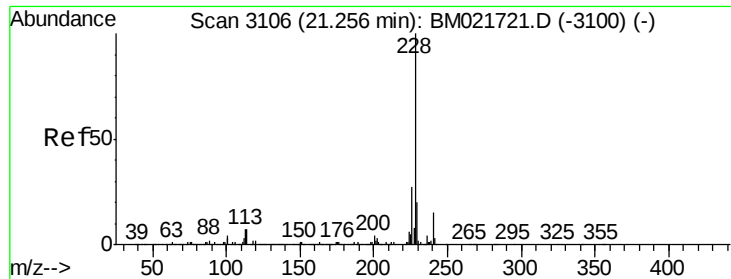
Acq: 30 Jul 2019 09:43

Tgt Ion:	202	Resp:	1090516
Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
100	8.3	7.0	10.4



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





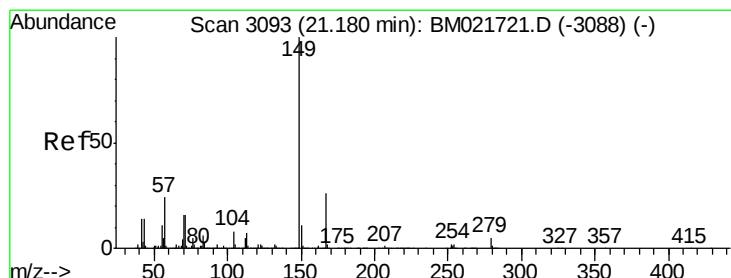
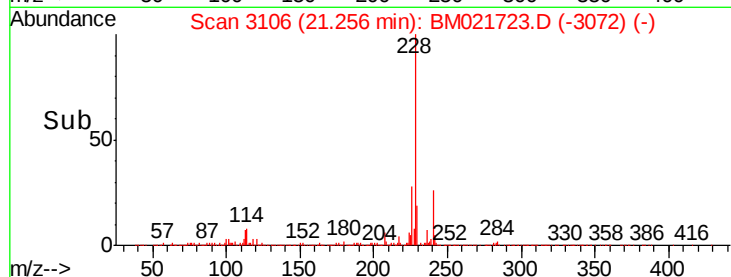
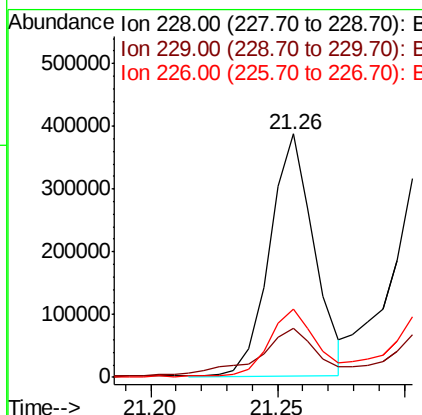
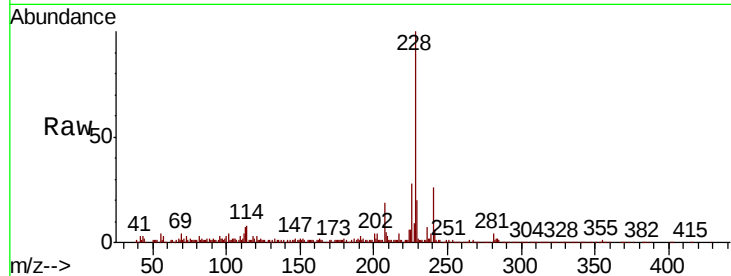
#82
 Benzo(a)anthracene
 Concen: 9.815 ng/ul
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.00 min
 Lab File: BM021723.D
 Acq: 30 Jul 2019 09:43

Instrument :
 BNA_M
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Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.9	21.4	32.2

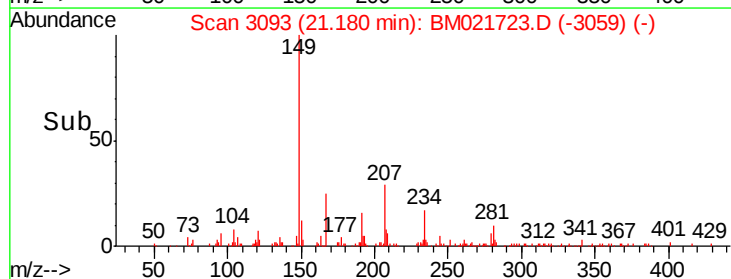
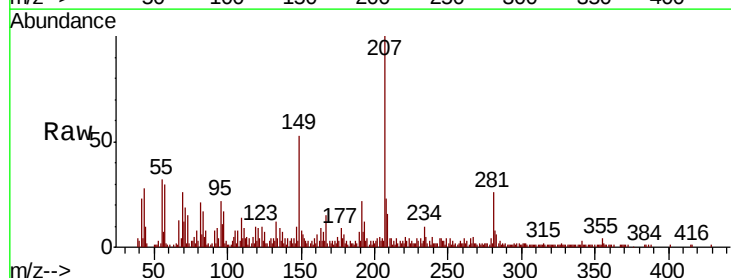
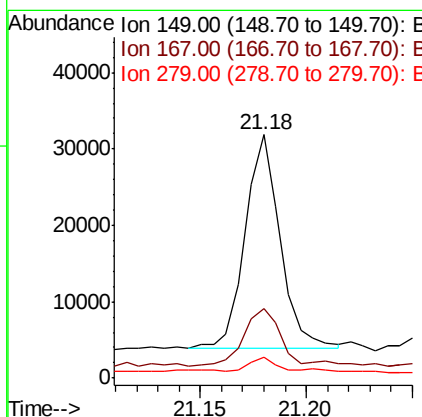
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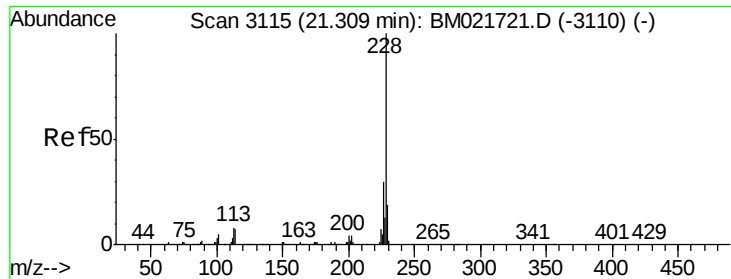
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.471 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM021723.D
 Acq: 30 Jul 2019 09:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.6	21.6	32.4
279	8.3	3.8	5.6





#84

Chrysene

Concen: 11.479 ng/ul

RT: 21.31 min Scan# 3115

Delta R.T. -0.00 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Instrument :

BNA_M

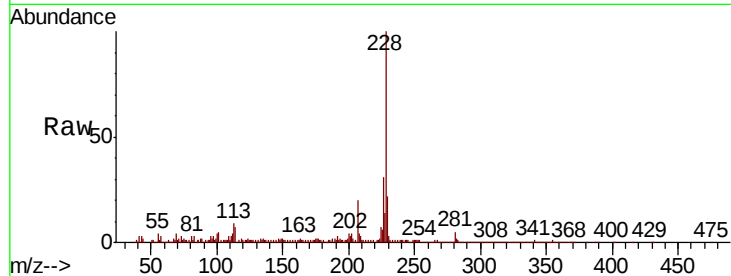
ClientSampleId :

A52F5

Tot Ion:	228	Resp:	522705
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.0	36.0
229	22.2	15.7	23.5

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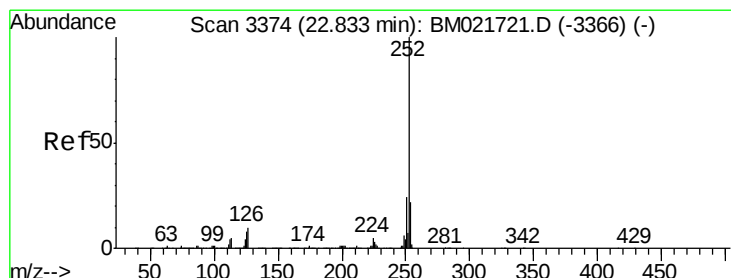
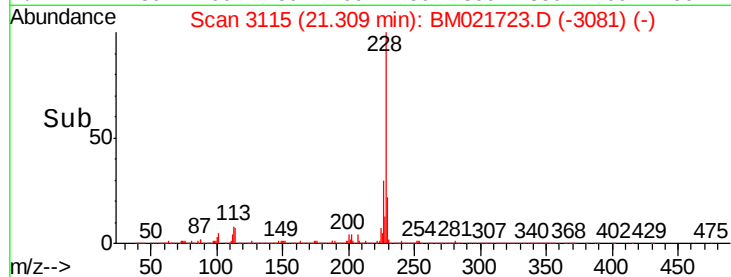
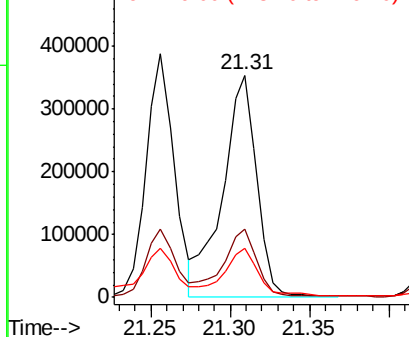


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 12.606 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

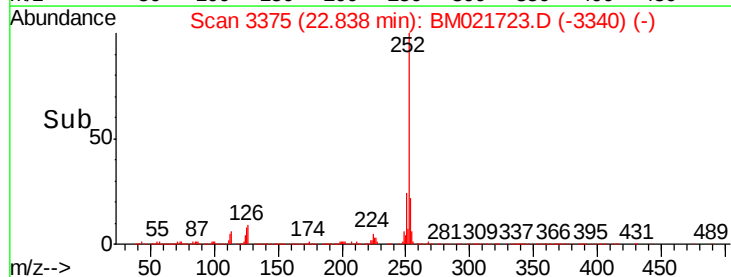
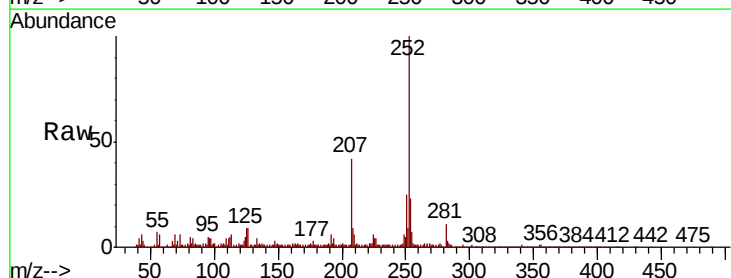
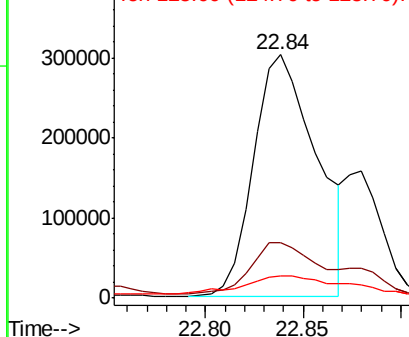
Tgt Ion:	252	Resp:	677663
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	9.1	6.3	9.5

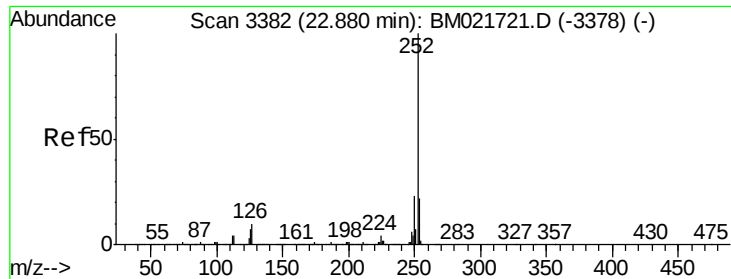
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





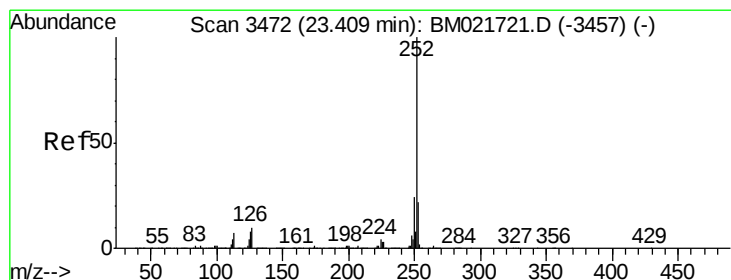
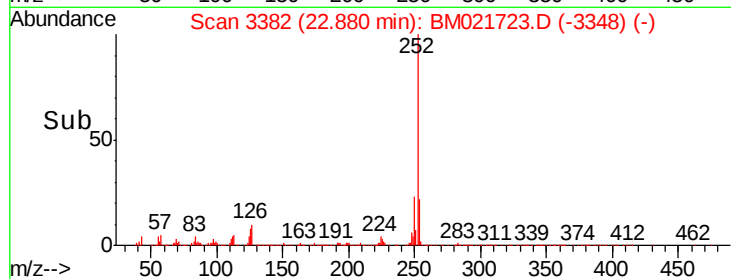
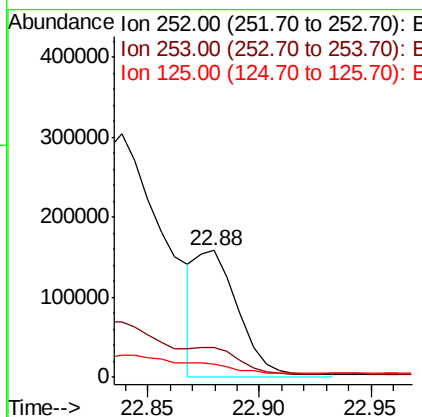
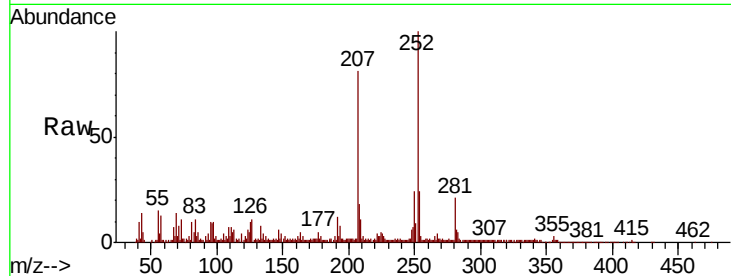
#88
Benzo(k)fluoranthene
Concen: 4.023 ng/ul m
RT: 22.88 min Scan# 3382
Delta R.T. -0.00 min
Lab File: BM021723.D
Acq: 30 Jul 2019 09:43

Instrument :
BNA_M
ClientSampleId :
A52F5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	10.2	6.3	9.5

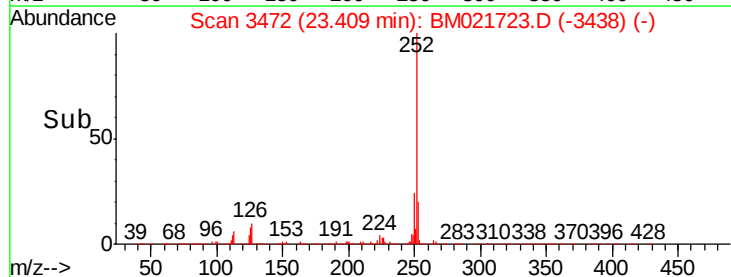
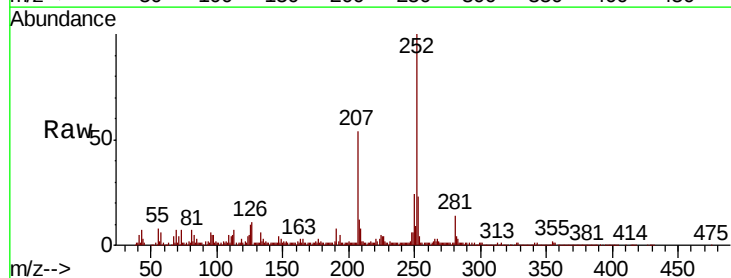
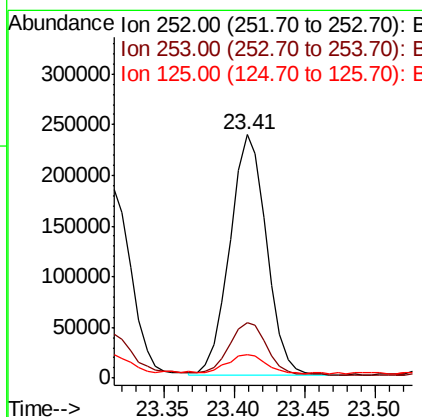
Manual Integrations
APPROVED

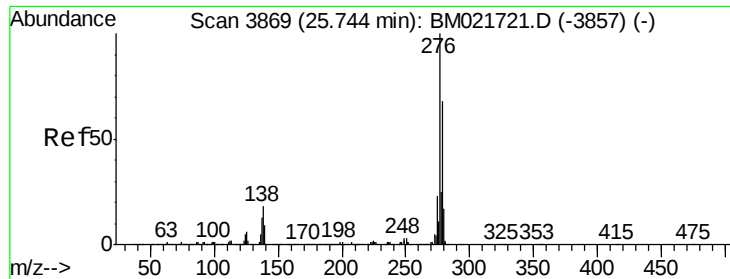
mohammad
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#90
Benzo(a)pyrene
Concen: 8.499 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. -0.00 min
Lab File: BM021723.D
Acq: 30 Jul 2019 09:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.7	7.0	10.6





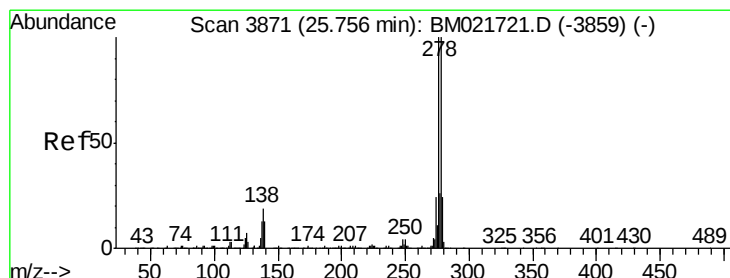
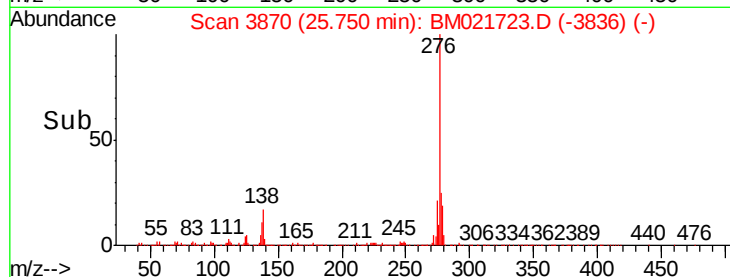
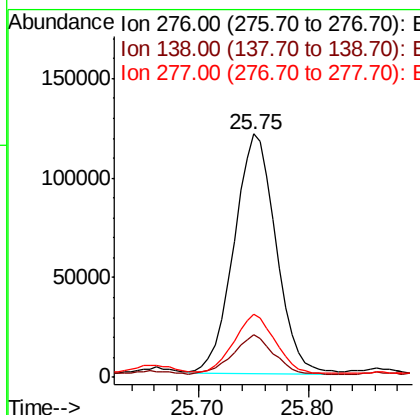
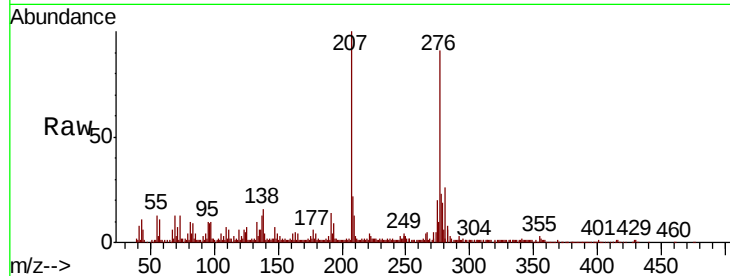
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.514 ng/ul
RT: 25.75 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BM021723.D
Acq: 30 Jul 2019 09:43

Instrument :
BNA_M
ClientSampleId :
A52F5

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	14.8	22.2
277	25.8	19.7	29.5

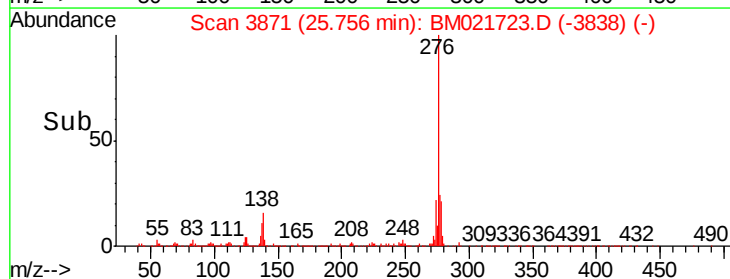
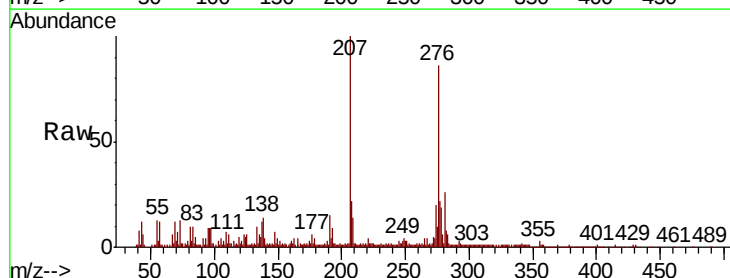
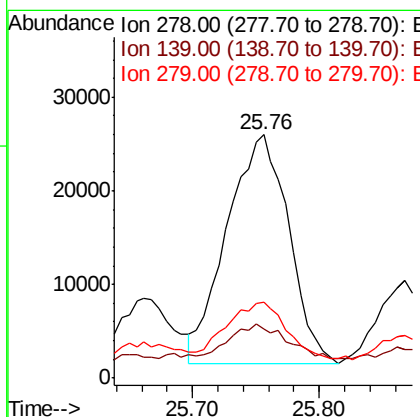
Manual Integrations
APPROVED

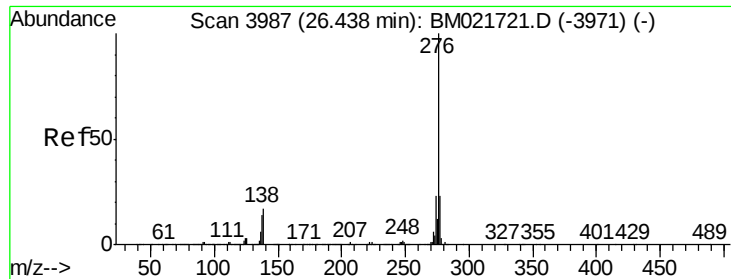
mohammad
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#92
Dibenzo(a,h)anthracene
Concen: 1.699 ng/ul
RT: 25.76 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BM021723.D
Acq: 30 Jul 2019 09:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	9.6	14.4#
279	31.0	19.2	28.8#





#93

Benzo(a,h,i)perylene

Concen: 6.343 ng/ul

RT: 26.44 min Scan# 3988

Delta R.T. -0.00 min

Lab File: BM021723.D

Acq: 30 Jul 2019 09:43

Instrument :

BNA_M

ClientSampleId :

A52F5

Tot Ion:	276	Resp:	307809
Ion Ratio	Lower	Upper	
276	100		
138	16.3	13.1	19.7
277	25.0	19.0	28.6

Manual Integrations
APPROVED

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