

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021722.D
 Acq On : 30 Jul 2019 09:06
 Operator : HP/JU
 Sample : K3863-14
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F4

Manual Integrations
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mohammad
 7/30/2019 4:52:03 PM

Quant Time: Jul 30 12:55:21 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	135129	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	538206	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	341180	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	666805	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	598260	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	708279	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8312	2.96	ng/uL	0.00
5) Phenol-d5	6.85	99	203141	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	102092	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	166718	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	173952	20.39	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	77348	19.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	85023	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	221834	23.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	85126	9.48	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	691022	26.24	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	802555	25.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	62634	15.67	ng/ul	0.00
57) Fluorene-d10	15.32	176	650390	28.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	47993	11.58	ng/ul	0.00
70) Anthracene-d10	17.17	188	972794	28.99	ng/ul	0.00
78) Pyrene-d10	19.47	212	1025072	30.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1123567	29.98	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.79	163	147000	5.378	ng/ul 99
69) Phenanthrene	17.12	178	565935	14.092	ng/ul 100
71) Anthracene	17.21	178	84583	2.056	ng/ul 99
74) Carbazole	17.49	167	49044	1.440	ng/ul 98
76) Fluoranthene	19.14	202	997337	21.288	ng/ul 99
79) Pyrene	19.50	202	788539	17.665	ng/ul 100
82) Benzo(a)anthracene	21.26	228	355492	8.160	ng/ul 99
83) Bis(2-ethylhexyl)phthalate	21.18	149	26021	1.312	ng/ul 96
84) Chrysene	21.30	228	408858	9.955	ng/ul 98
87) Benzo(b)fluoranthene	22.84	252	502569	10.428	ng/ul 97
88) Benzo(k)fluoranthene	22.87	252	202504m	4.298	ng/ul
90) Benzo(a)pyrene	23.41	252	331580	7.349	ng/ul 97
91) Indeno(1,2,3-cd)pyrene	25.75	276	253210	4.839	ng/ul 97
92) Dibenzo(a,h)anthracene	25.75	278	65152	1.498	ng/ul# 81
93) Benzo(g,h,i)perylene	26.44	276	250050	5.747	ng/ul 97

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

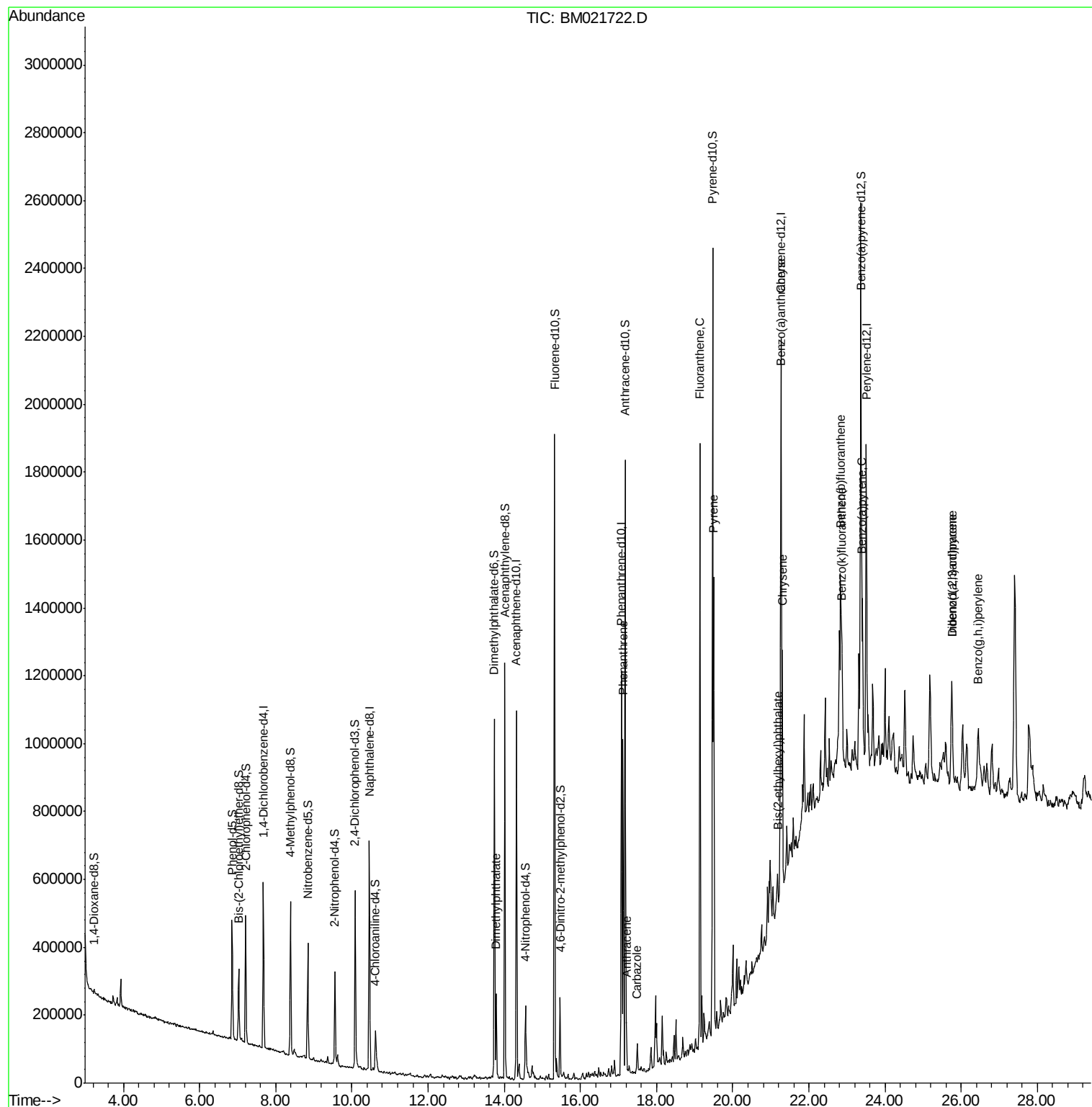
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021722.D
Acq On : 30 Jul 2019 09:06
Operator : HP/JU
Sample : K3863-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

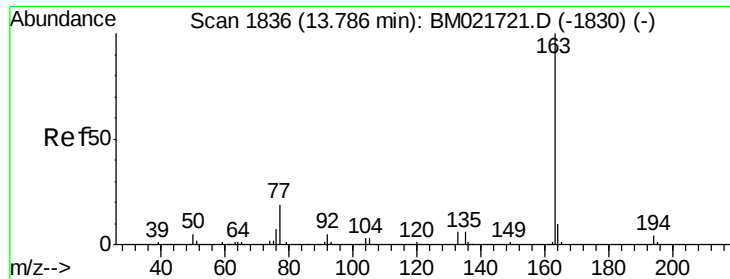
Instrument :
BNA_M
ClientSampleId :
A52F4

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Quant Time: Jul 30 12:55:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





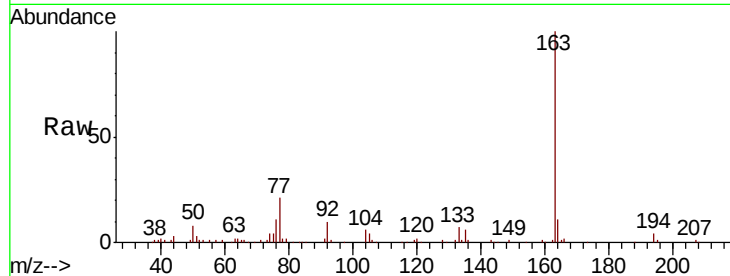
#44
Dimethylphthalate
Concen: 5.378 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BM021722.D
Acq: 30 Jul 2019 09:06

Instrument :
BNA_M
ClientSampled :
A52F4

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.7	8.1	12.1

Manual Integrations
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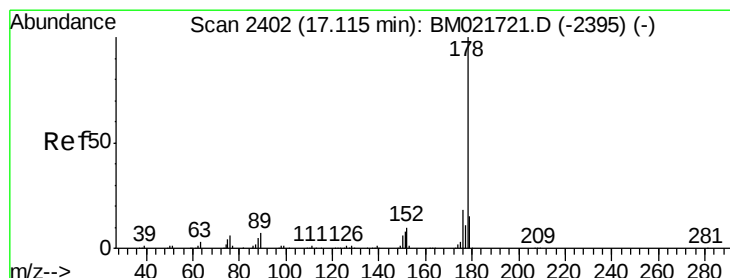
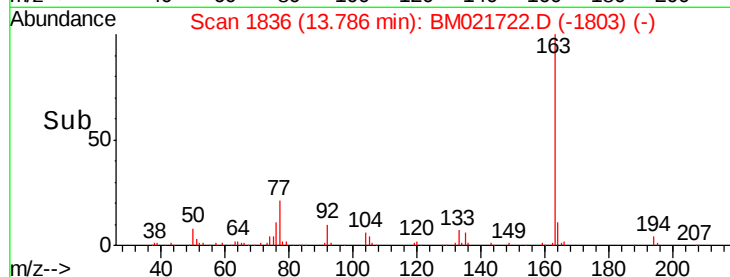
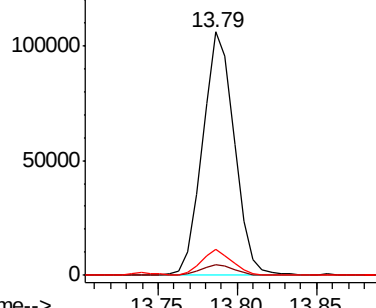


Abundance

Ion 163.00 (162.70 to 163.70): E

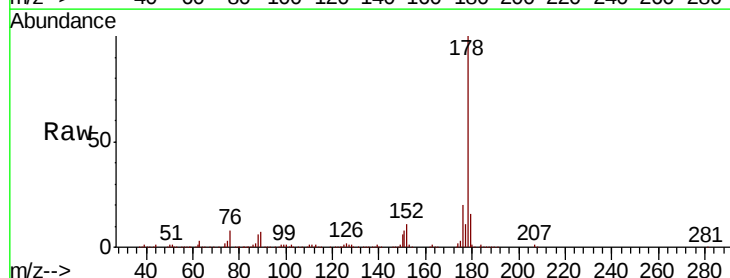
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 14.092 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM021722.D
Acq: 30 Jul 2019 09:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.5	15.4	23.2

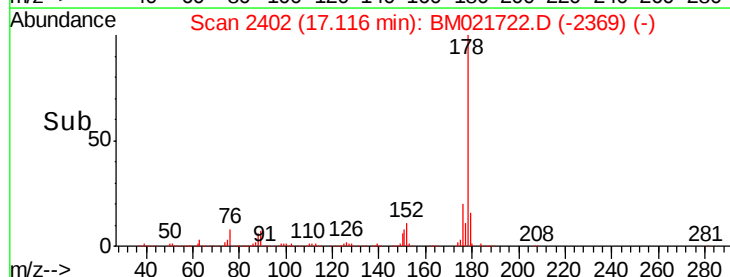
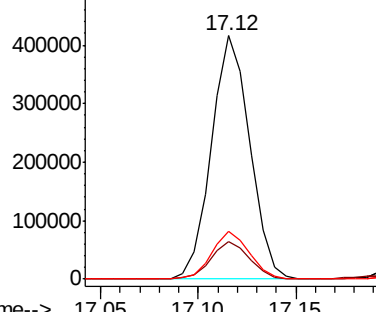


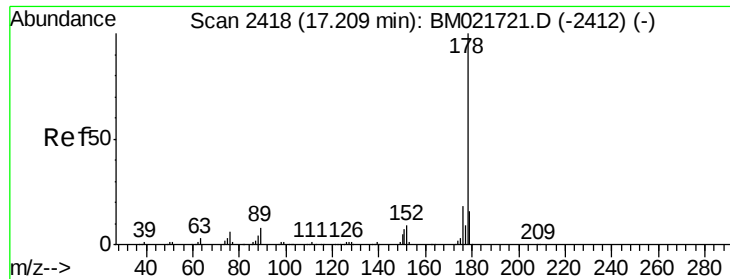
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





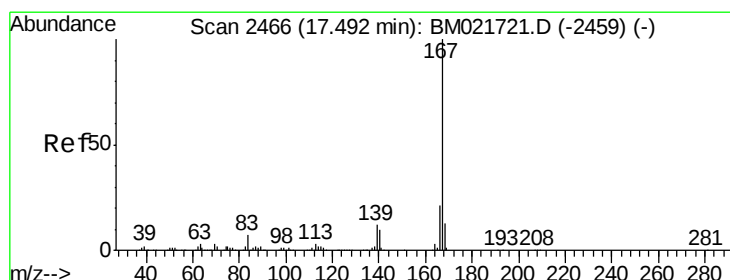
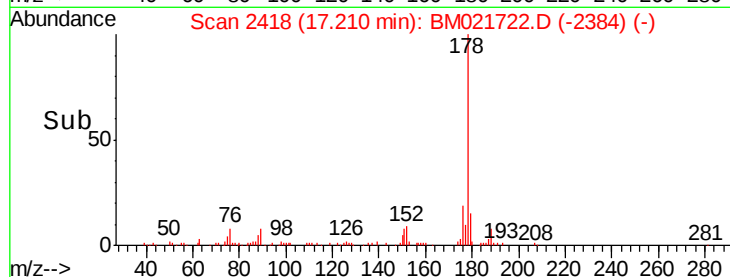
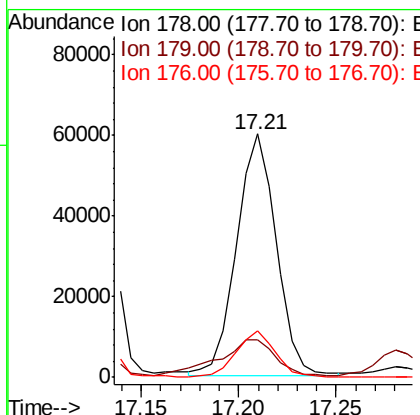
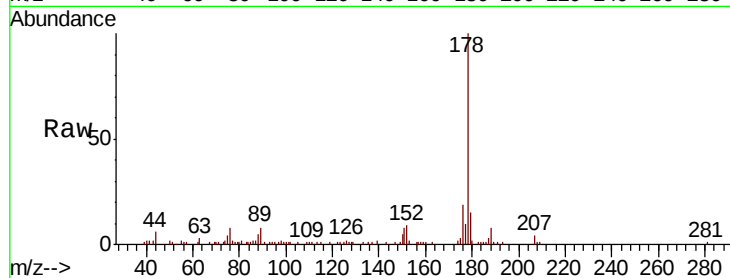
#71
 Anthracene
 Concen: 2.056 ng/ul
 RT: 17.21 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: BM021722.D
 Acq: 30 Jul 2019 09:06

Instrument :
 BNA_M
 ClientSampleId :
 A52F4

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.2	14.8	22.2

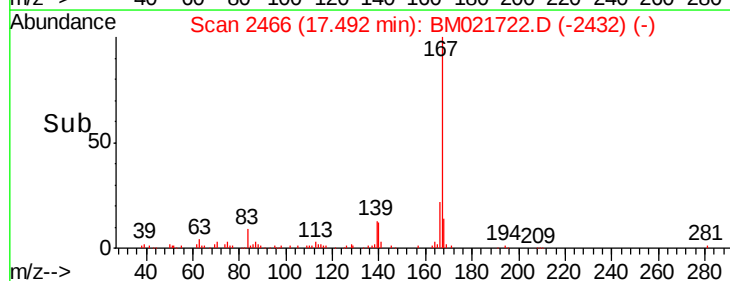
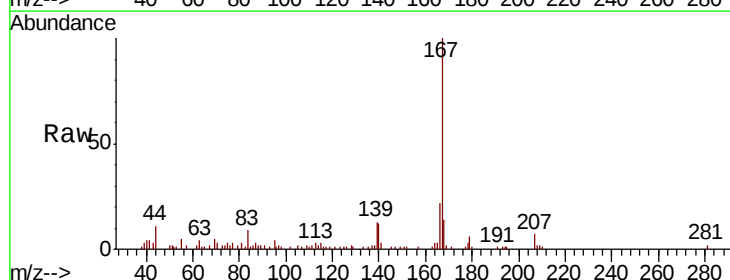
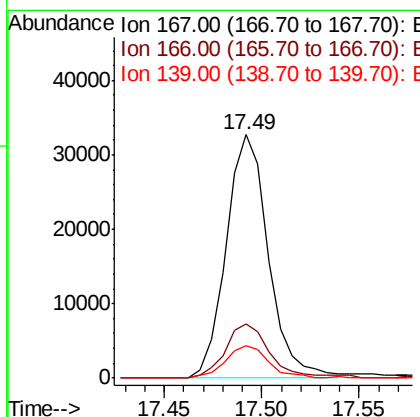
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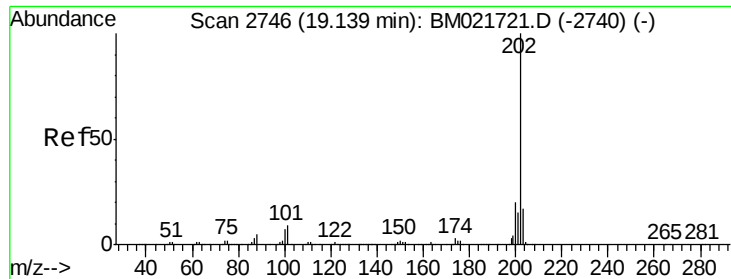
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#74
 Carbazole
 Concen: 1.440 ng/ul
 RT: 17.49 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BM021722.D
 Acq: 30 Jul 2019 09:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.4
139	13.4	10.0	15.0





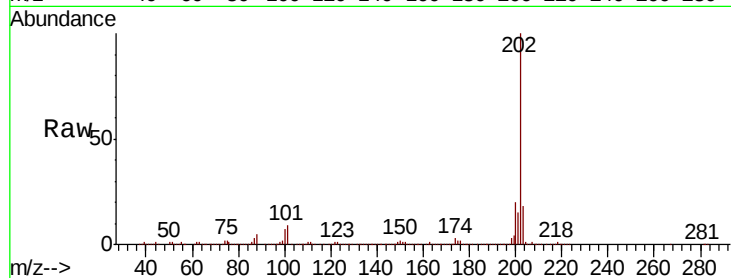
#76
 Fluoranthene
 Concen: 21.288 ng/ul
 RT: 19.14 min Scan# 2746
 Delta R.T. 0.00 min
 Lab File: BM021722.D
 Acq: 30 Jul 2019 09:06

Instrument :
 BNA_M
 ClientSampleId :
 A52F4

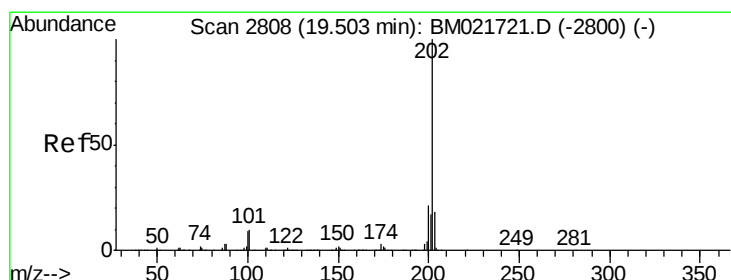
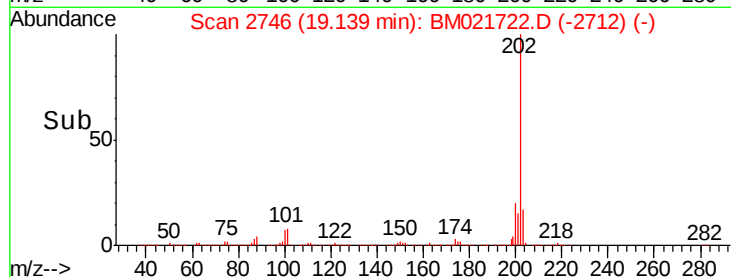
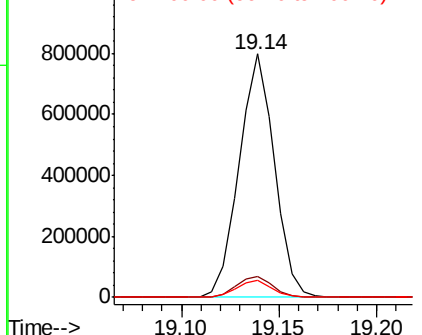
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		997337		
101	8.5	6.7	10.1		
100	7.0	5.1	7.7		

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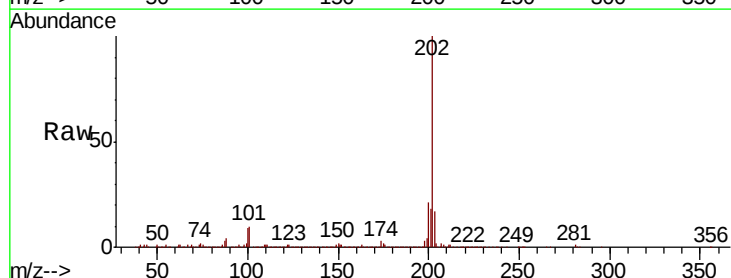


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

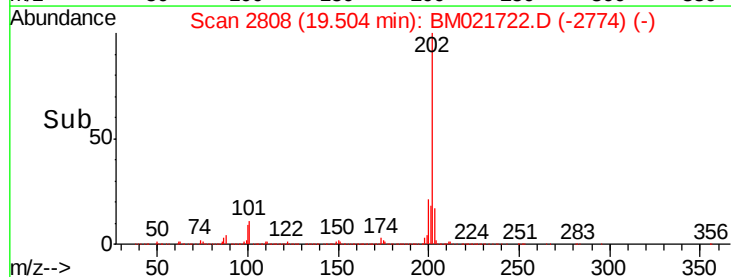
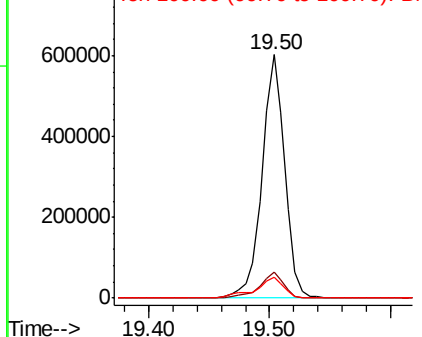


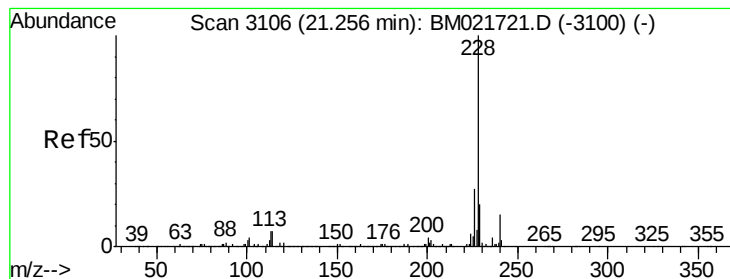
#79
 Pyrene
 Concen: 17.665 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. 0.00 min
 Lab File: BM021722.D
 Acq: 30 Jul 2019 09:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		788539		
101	10.5	8.2	12.2		
100	8.7	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: 8.160 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

Instrument :

BNA_M

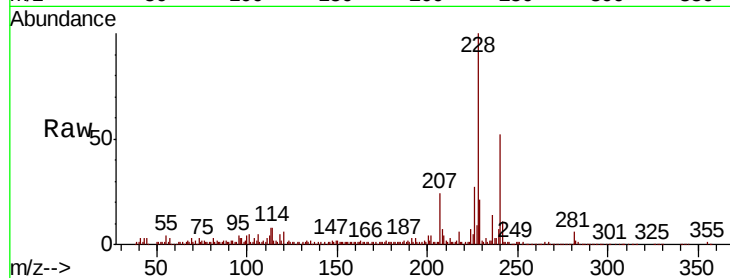
ClientSampleId :

A52F4

Tot Ion:	228	Resp:	355492
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	26.9	21.4	32.2

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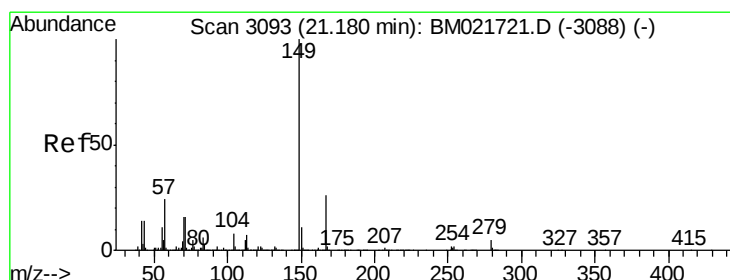
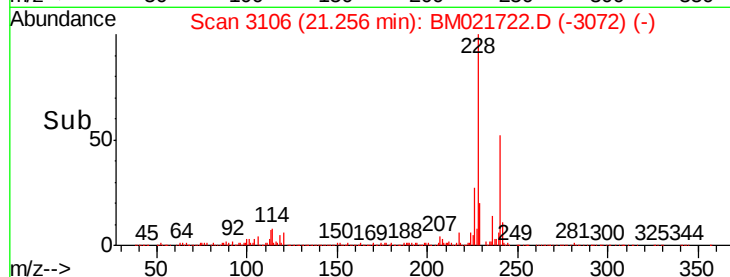
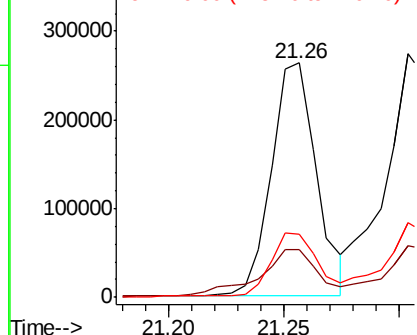


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 1.312 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

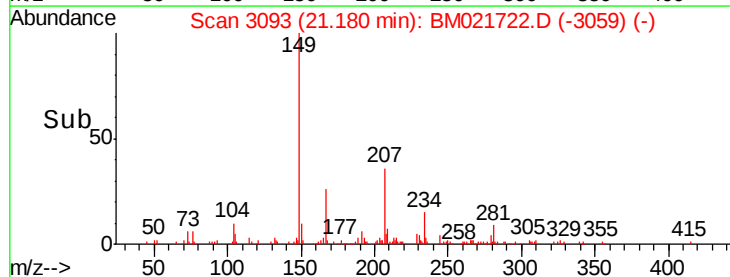
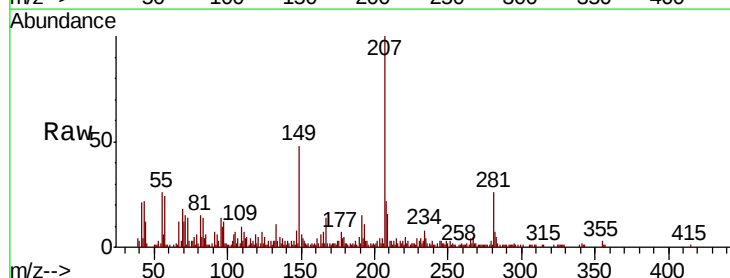
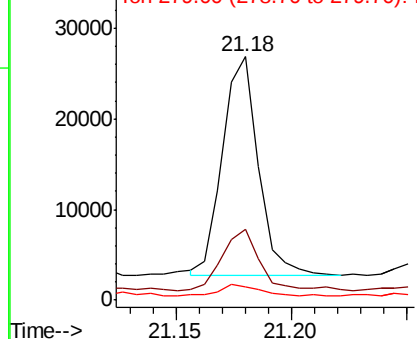
Tgt Ion:	149	Resp:	26021
Ion	Ratio	Lower	Upper
149	100		
167	29.0	21.6	32.4
279	5.3	3.8	5.6

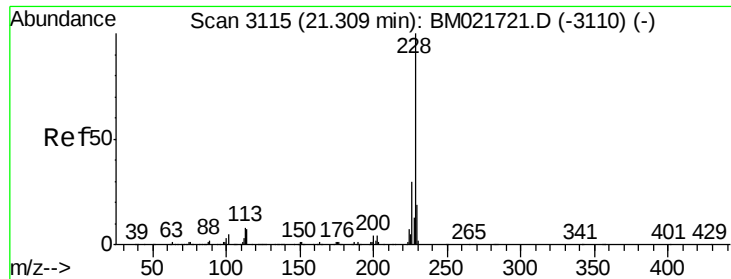
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 9.955 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

Instrument :

BNA_M

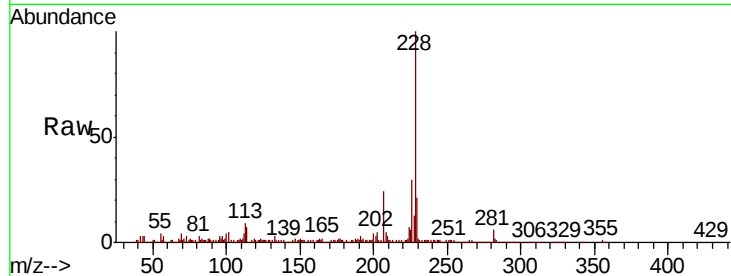
ClientSampleId :

A52F4

Tot Ion:	228	Resp:	408858
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.0	36.0
229	21.4	15.7	23.5

Manual Integrations
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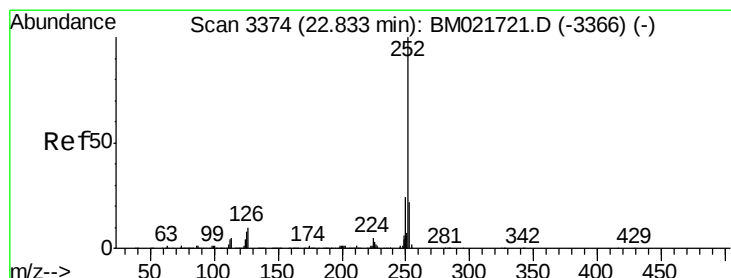
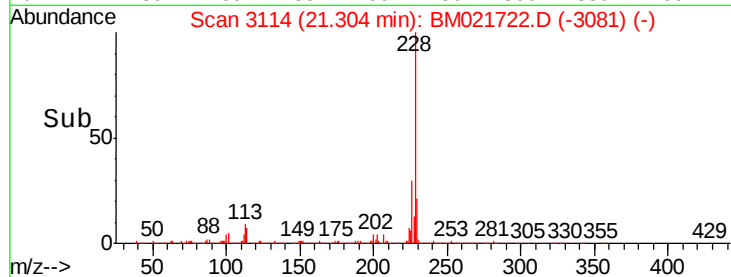
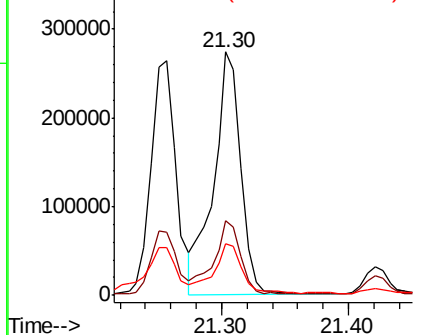


Abundance

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: 10.428 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

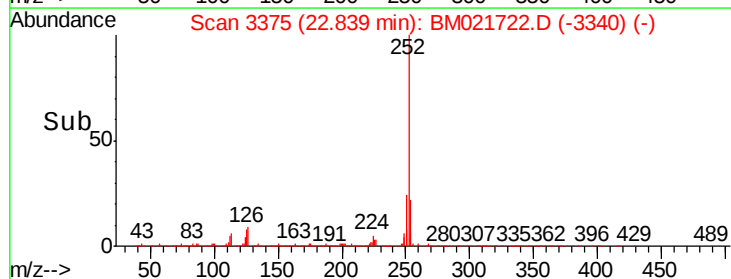
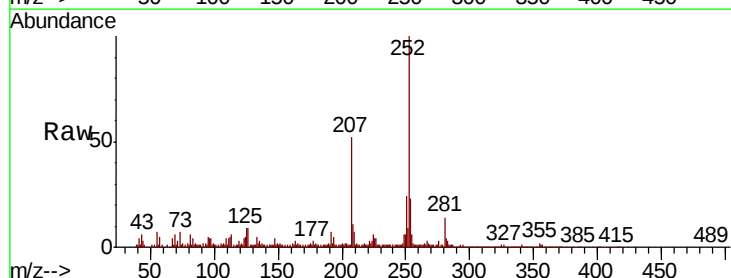
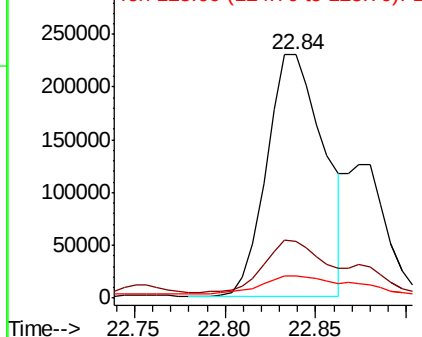
Tgt Ion:	252	Resp:	502569
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.3	25.9
125	9.1	6.3	9.5

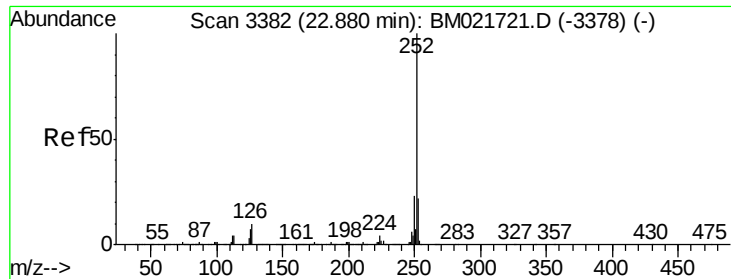
Abundance

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





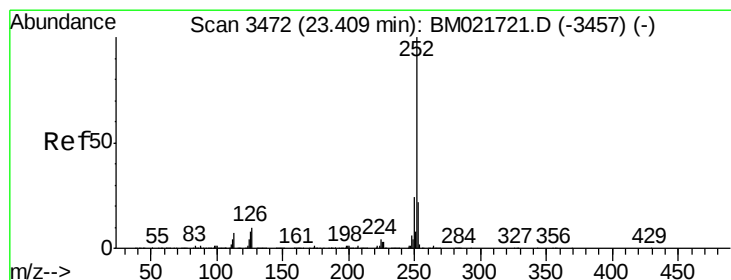
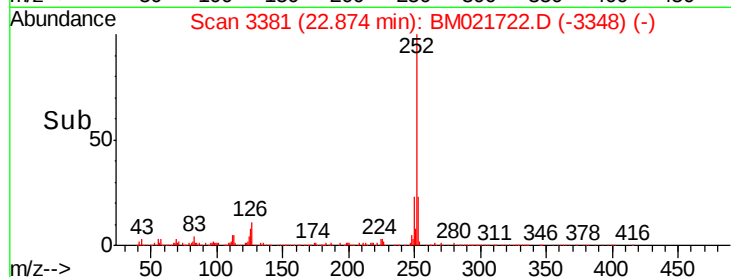
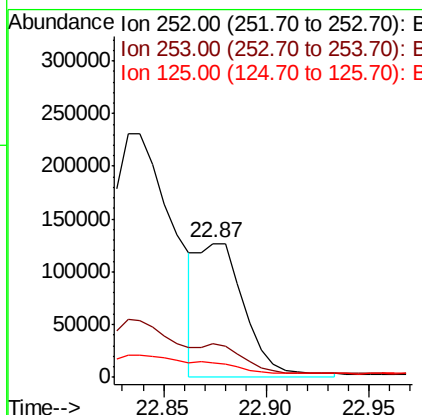
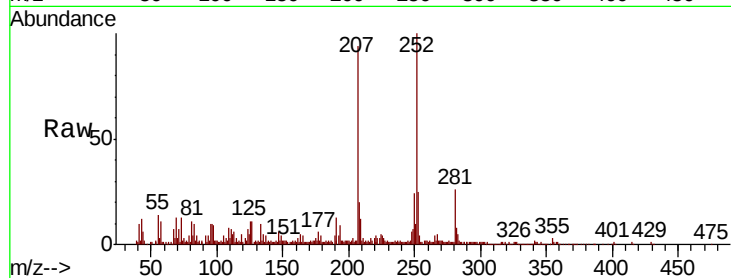
#88
Benzo(k)fluoranthene
Concen: 4.298 ng/ul m
RT: 22.87 min Scan# 3381
Delta R.T. -0.01 min
Lab File: BM021722.D
Acq: 30 Jul 2019 09:06

Instrument :
BNA_M
ClientSampleId :
A52F4

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	11.1	6.3	9.5

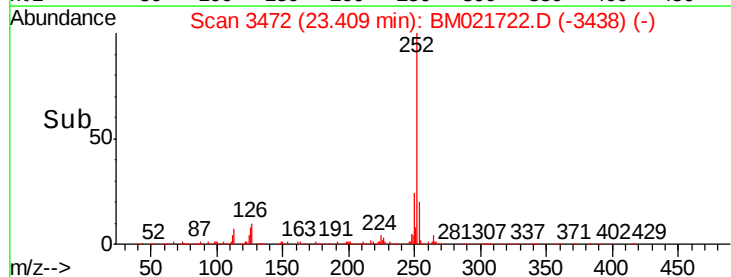
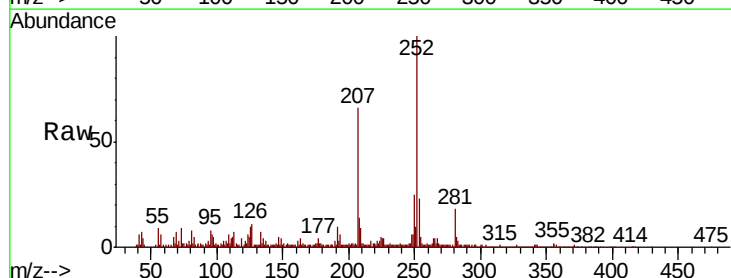
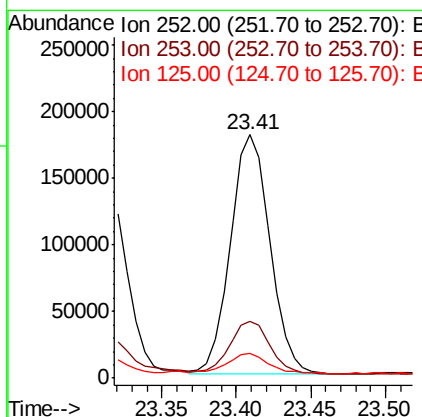
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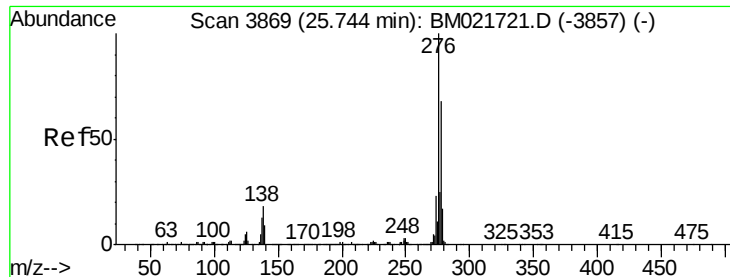
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#90
Benzo(a)pyrene
Concen: 7.349 ng/ul
RT: 23.41 min Scan# 3472
Delta R.T. 0.00 min
Lab File: BM021722.D
Acq: 30 Jul 2019 09:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	10.0	7.0	10.6





#91

Indeno(1,2,3-cd)pyrene

Concen: 4.839 ng/ul

RT: 25.75 min Scan# 3870

Delta R.T. 0.00 min

Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

Instrument :

BNA_M

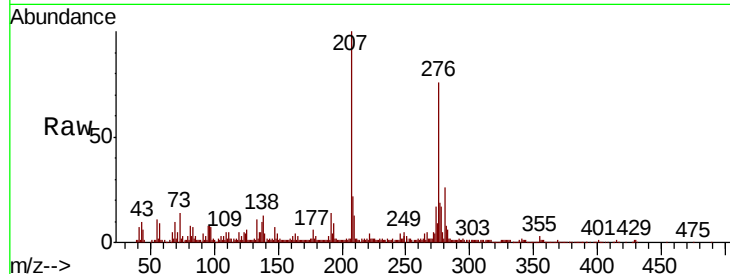
ClientSampleId :

A52F4

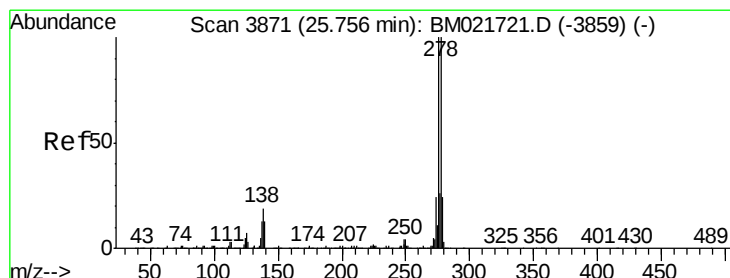
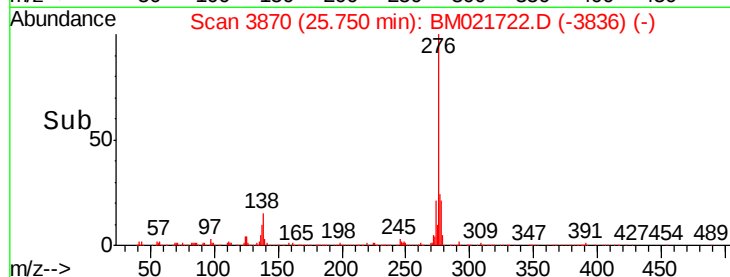
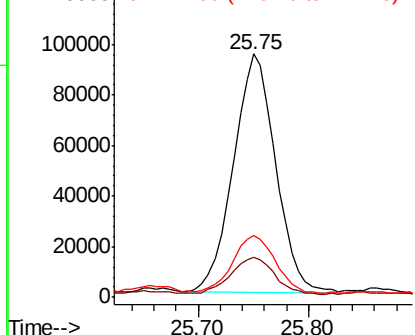
Tot Ion:	276	Resp:	253210
Ion Ratio	Lower	Upper	
276	100		
138	16.5	14.8	22.2
277	25.4	19.7	29.5

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:03 PM



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#92

Dibenzo(a,h)anthracene

Concen: 1.498 ng/ul

RT: 25.75 min Scan# 3870

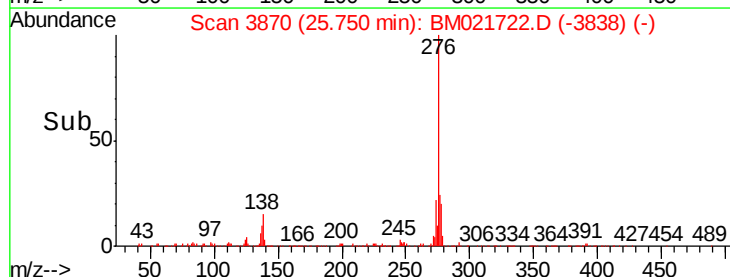
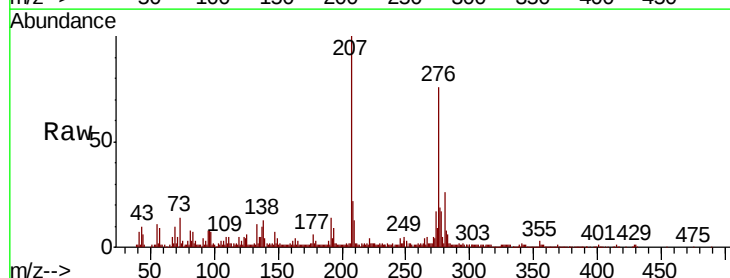
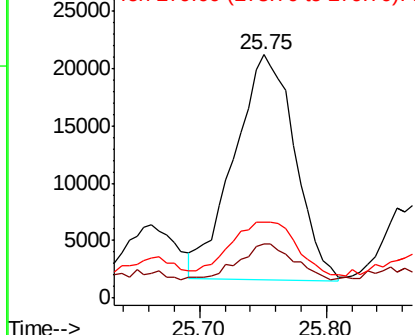
Delta R.T. -0.01 min

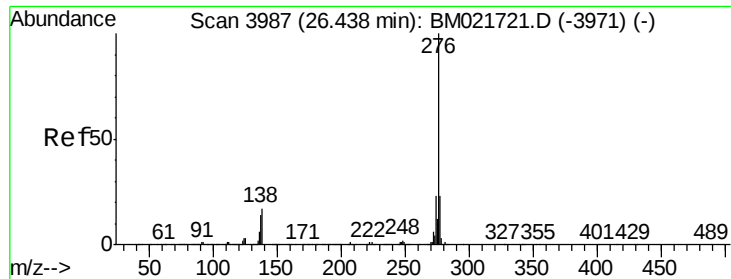
Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

Tgt Ion:	278	Resp:	65152
Ion Ratio	Lower	Upper	
278	100		
139	22.2	9.6	14.4#
279	31.3	19.2	28.8#

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 5.747 ng/ul

RT: 26.44 min Scan# 3988

Delta R.T. 0.00 min

Lab File: BM021722.D

Acq: 30 Jul 2019 09:06

Instrument :

BNA_M

ClientSampleId :

A52F4

Tot Ion:	276	Resp:	250050
Ion Ratio	Lower	Upper	
276	100		
138	17.9	13.1	19.7
277	25.3	19.0	28.6

Manual Integrations
APPROVED

mohammad
7/30/2019 4:52:03 PM

