

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
 Data File : BM021710.D
 Acq On : 30 Jul 2019 01:14
 Operator : HP/JU
 Sample : K3863-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A52F2

Manual Integrations
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mohammad
 7/30/2019 4:51:44 PM

Quant Time: Jul 30 05:28:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 26 18:42:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	175046	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	733696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	475890	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1000836	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	778792	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	839954	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	8176	2.25	ng/uL	0.00
5) Phenol-d5	6.86	99	181991	13.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	107382	14.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	151721	13.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	143243	12.96	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	76255	13.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	83251	13.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	179458	13.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	151223	12.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	550862	15.00	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	674265	15.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	51143	9.17	ng/ul	0.00
57) Fluorene-d10	15.32	176	543542	16.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	47120	7.57	ng/ul	0.00
70) Anthracene-d10	17.17	188	957052	19.00	ng/ul	0.00
78) Pyrene-d10	19.47	212	1160149	26.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1036176	23.32	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.79	163	99777	2.617	ng/ul 99
69) Phenanthrene	17.12	178	101848	1.690	ng/ul 99
76) Fluoranthene	19.14	202	328245	4.668	ng/ul 99
79) Pyrene	19.50	202	272733	4.693	ng/ul 98
82) Benzo(a)anthracene	21.26	228	95445	1.683	ng/ul 96
84) Chrysene	21.30	228	137919	2.580	ng/ul 99
87) Benzo(b)fluoranthene	22.83	252	179344	3.138	ng/ul# 96
88) Benzo(k)fluoranthene	22.87	252	63202m	1.131	ng/ul
90) Benzo(a)pyrene	23.40	252	102064	1.907	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.74	276	88671	1.429	ng/ul 98
93) Benzo(g,h,i)perylene	26.43	276	89671	1.738	ng/ul 97

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

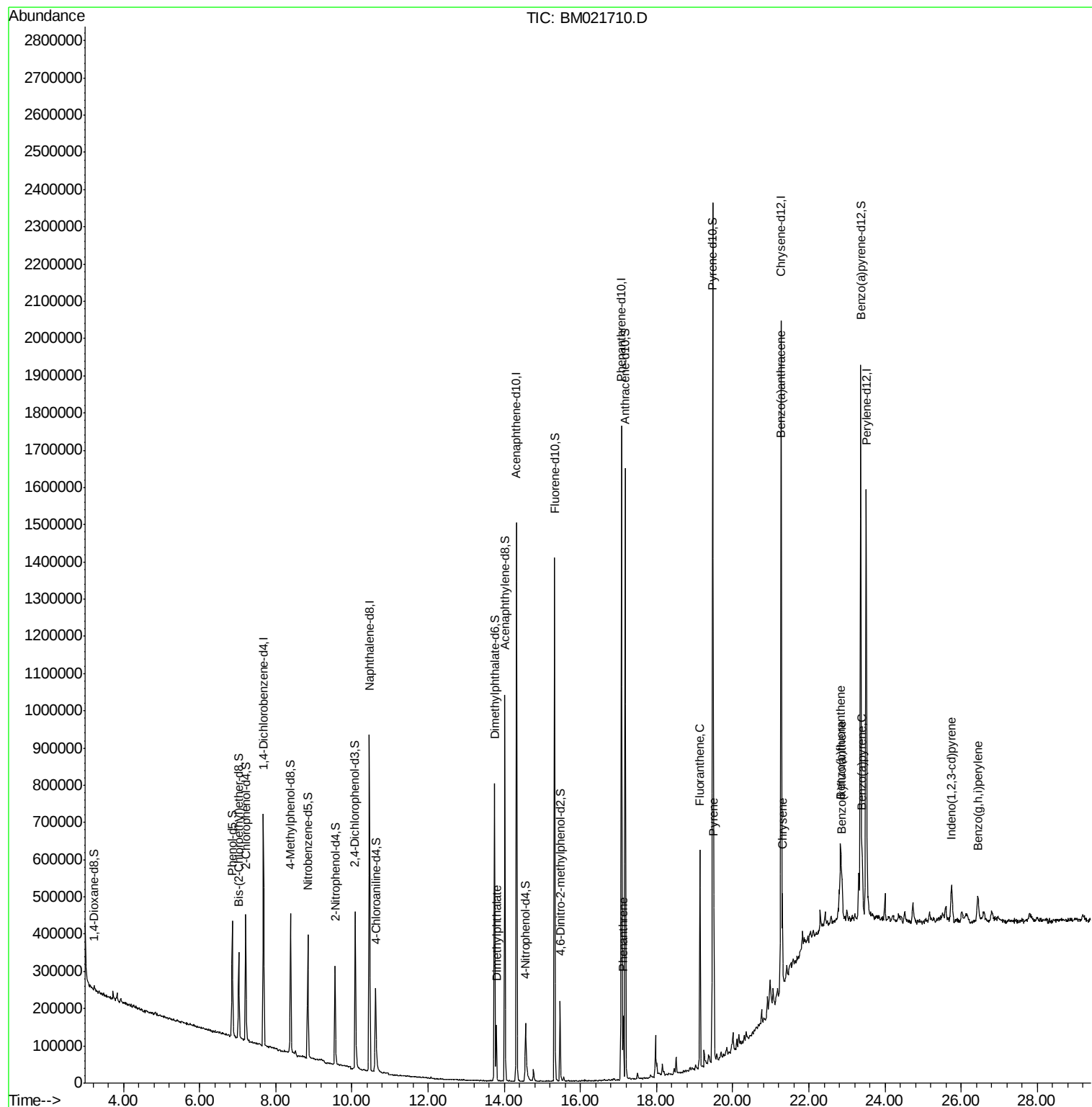
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072919\
Data File : BM021710.D
Acq On : 30 Jul 2019 01:14
Operator : HP/JU
Sample : K3863-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

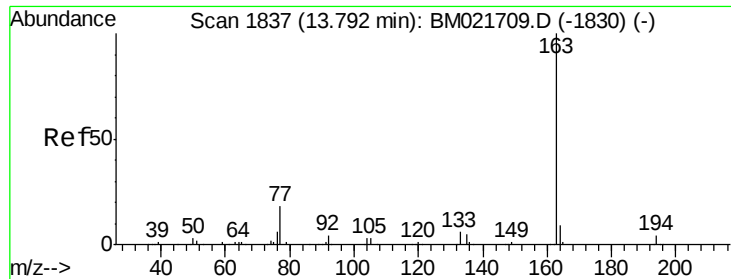
Instrument :
BNA_M
ClientSampleId :
A52F2

Quant Time: Jul 30 05:28:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072619MA.M
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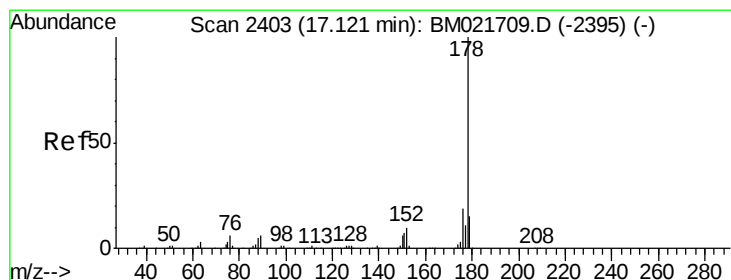
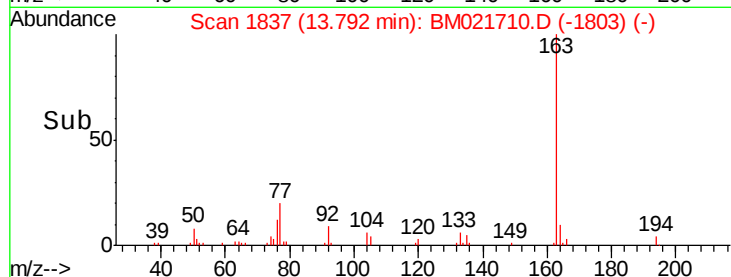
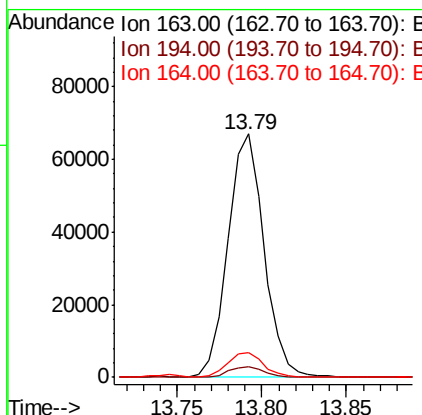
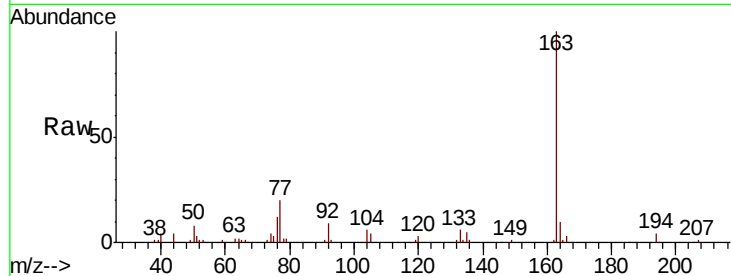
#44
Dimethylphthalate
Concen: 2.617 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BM021710.D
Acq: 30 Jul 2019 01:14

Instrument :
BNA_M
ClientSampleId :
A52F2

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	10.4	8.1	12.1

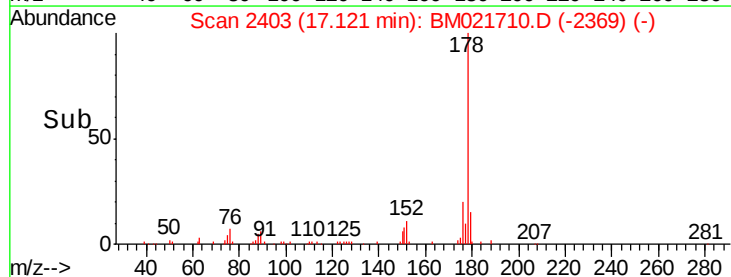
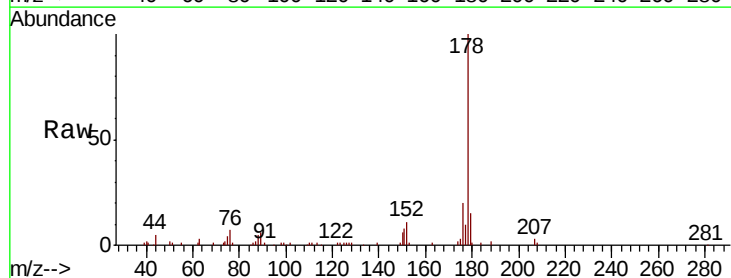
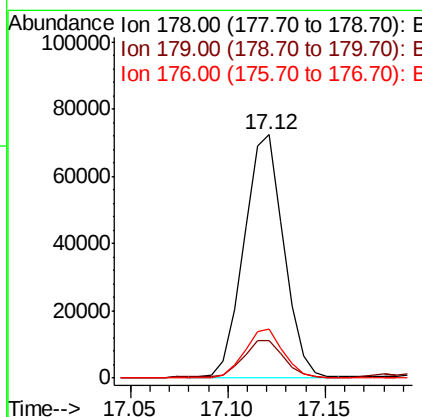
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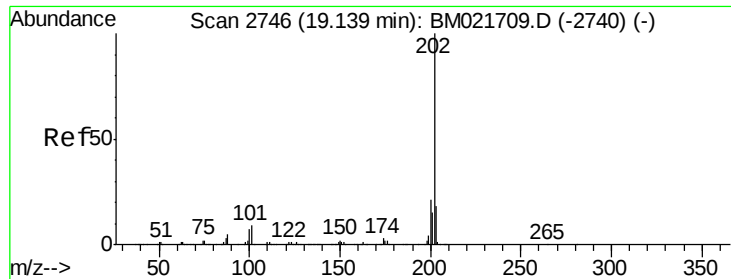
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#69
Phenanthrene
Concen: 1.690 ng/ul
RT: 17.12 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BM021710.D
Acq: 30 Jul 2019 01:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	20.0	15.4	23.2





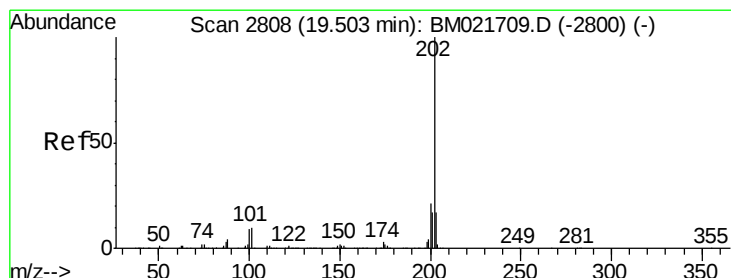
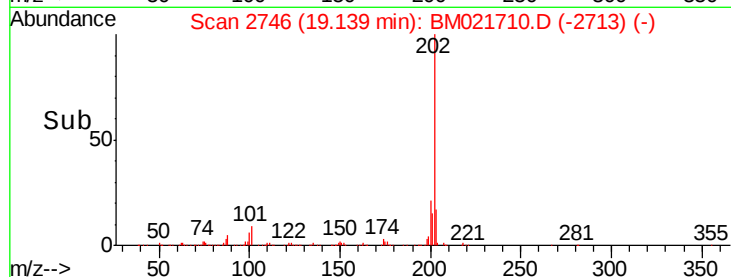
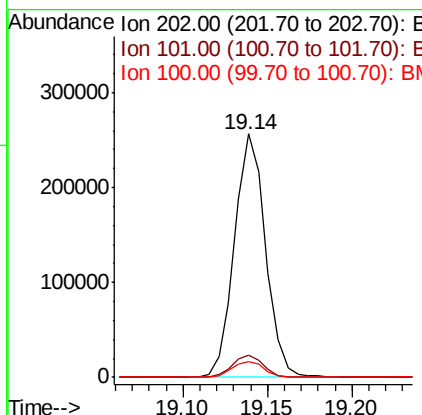
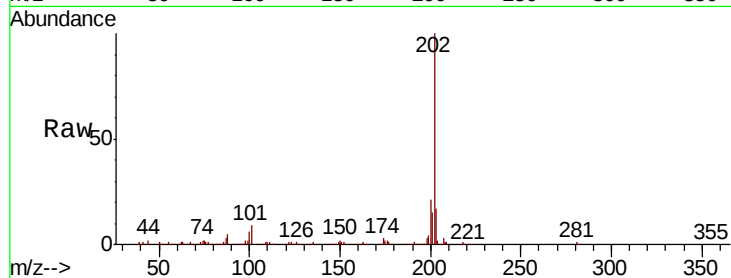
#76
 Fluoranthene
 Concen: 4.668 ng/ul
 RT: 19.14 min Scan# 2746
 Delta R.T. -0.01 min
 Lab File: BM021710.D
 Acq: 30 Jul 2019 01:14

Instrument :
 BNA_M
 ClientSampleId :
 A52F2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.0	6.7	10.1
100	6.5	5.1	7.7

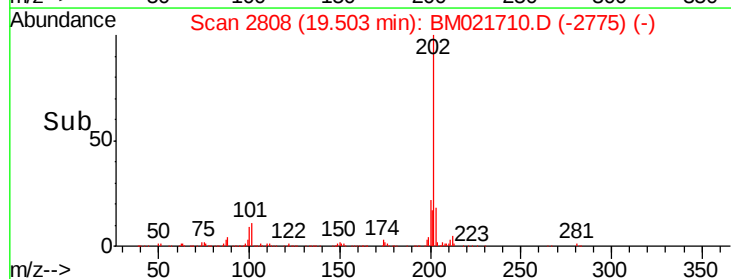
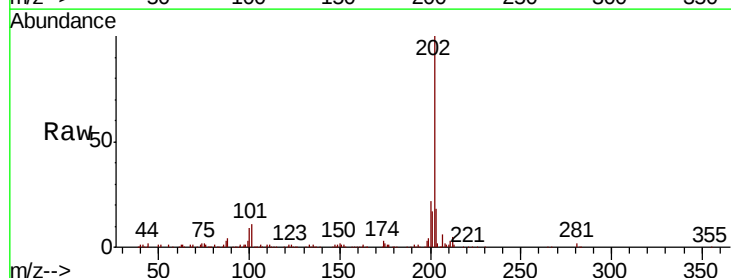
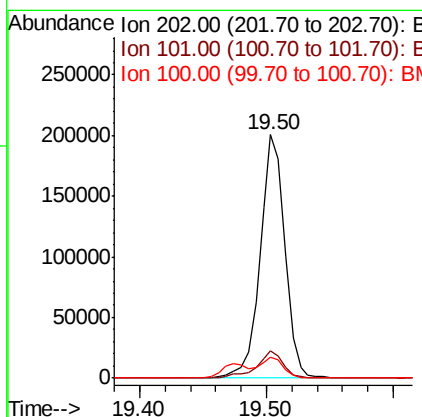
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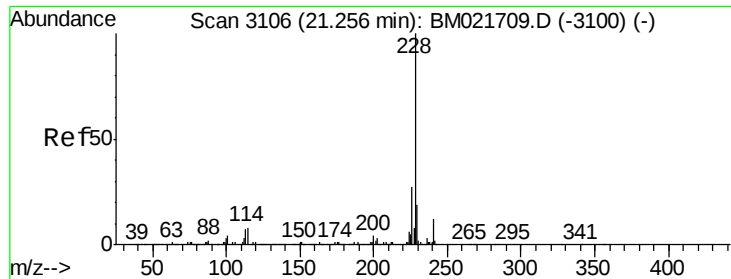
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#79
 Pyrene
 Concen: 4.693 ng/ul
 RT: 19.50 min Scan# 2808
 Delta R.T. -0.01 min
 Lab File: BM021710.D
 Acq: 30 Jul 2019 01:14

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.4	8.2	12.2
100	8.8	7.0	10.4





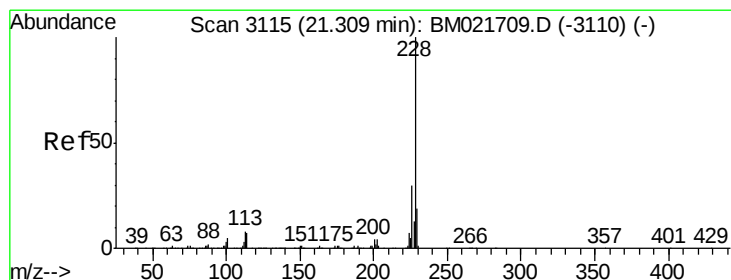
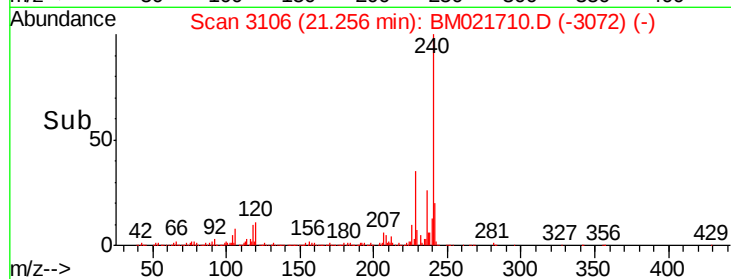
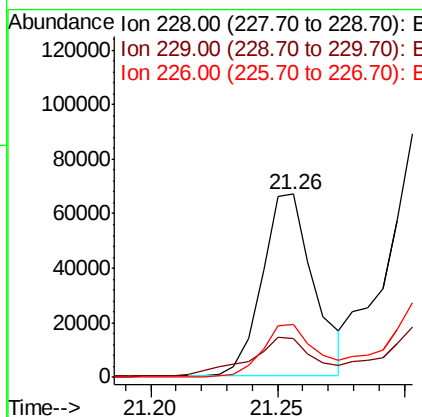
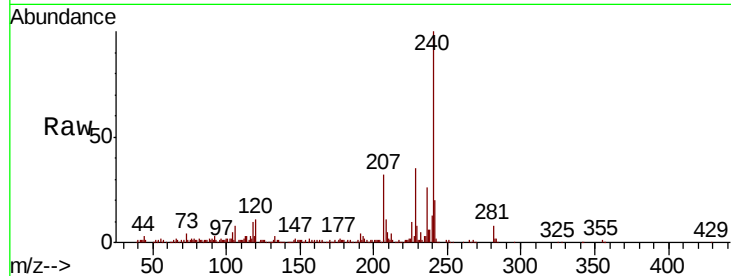
#82
Benzo(a)anthracene
Concen: 1.683 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM021710.D
Acq: 30 Jul 2019 01:14

Instrument :
BNA_M
ClientSampleId :
A52F2

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	29.1	21.4	32.2

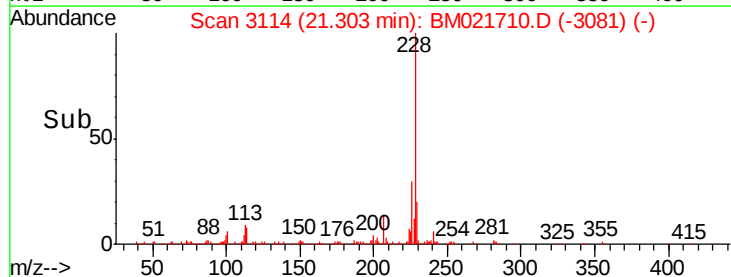
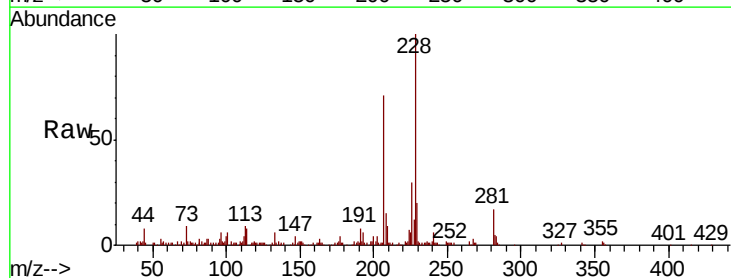
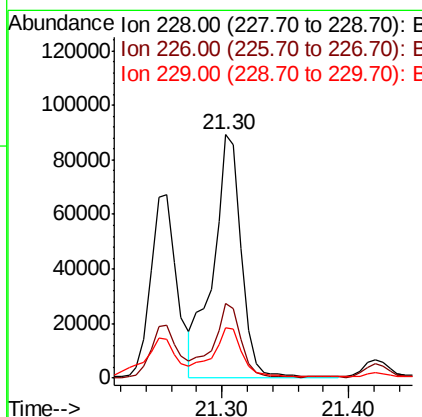
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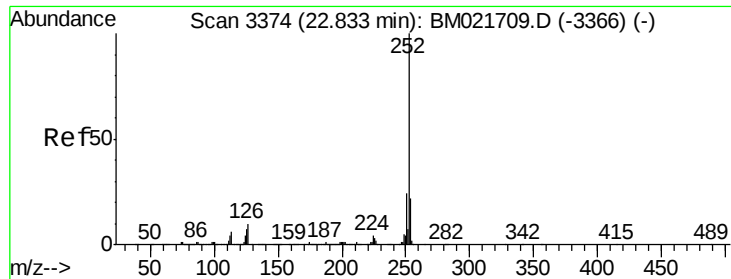
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#84
Chrysene
Concen: 2.580 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM021710.D
Acq: 30 Jul 2019 01:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	20.4	15.7	23.5





#87

Benzo(b)fluoranthene

Concen: 3.138 ng/ul

RT: 22.83 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM021710.D

Acq: 30 Jul 2019 01:14

Instrument :

BNA_M

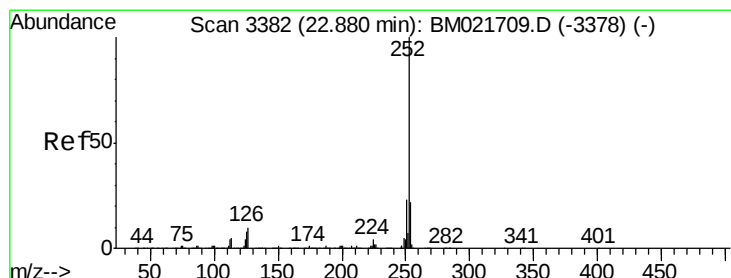
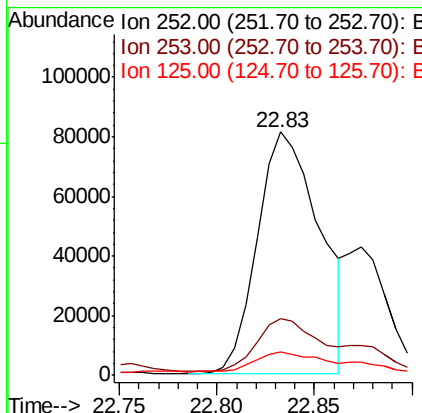
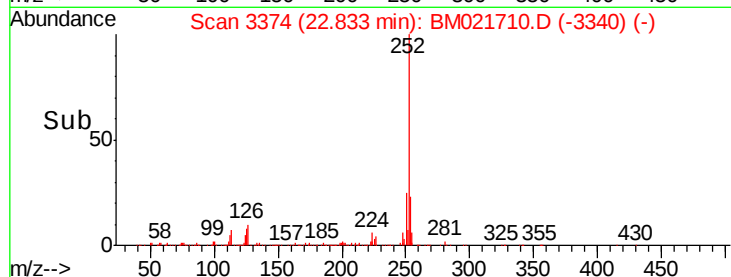
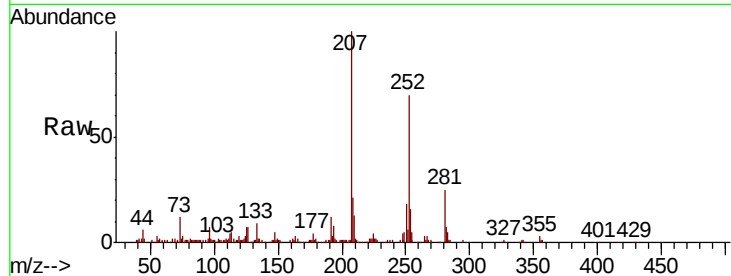
ClientSampleId :

A52F2

Tot Ion:	252	Resp:	179344
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.3	25.9
125	9.6	6.3	9.5#

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#88

Benzo(k)fluoranthene

Concen: 1.131 ng/ul m

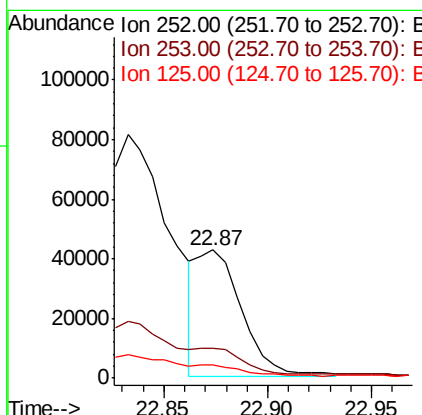
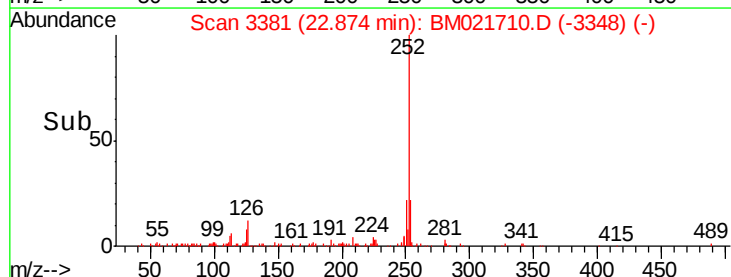
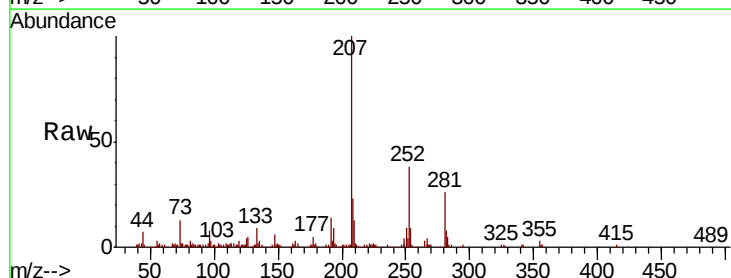
RT: 22.87 min Scan# 3381

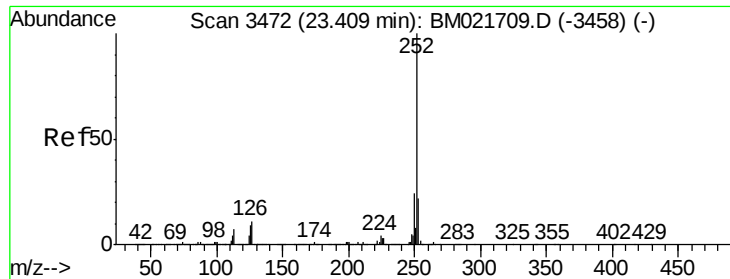
Delta R.T. -0.01 min

Lab File: BM021710.D

Acq: 30 Jul 2019 01:14

Tgt Ion:	252	Resp:	63202
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.7	26.5
125	9.9	6.3	9.5#





#90

Benzo(a)pyrene

Concen: 1.907 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM021710.D

Acq: 30 Jul 2019 01:14

Instrument :

BNA_M

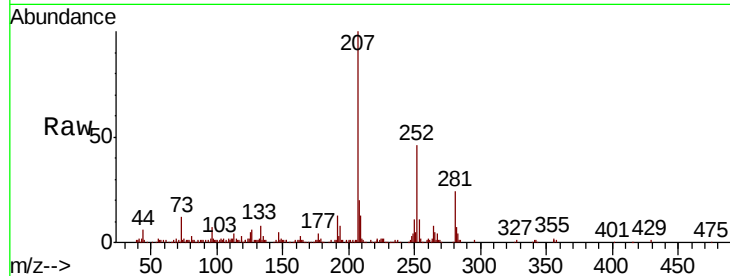
ClientSampleId :

A52F2

Tot Ion:	252	Resp:	102064
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.5	26.3
125	10.4	7.0	10.6

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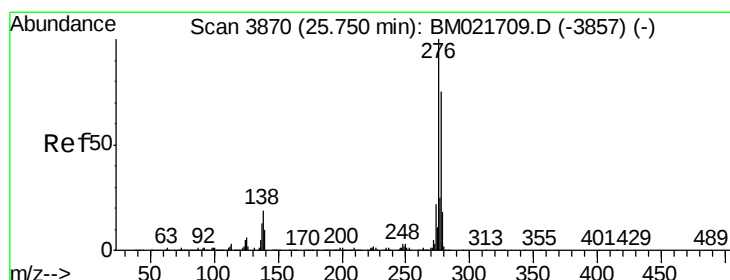
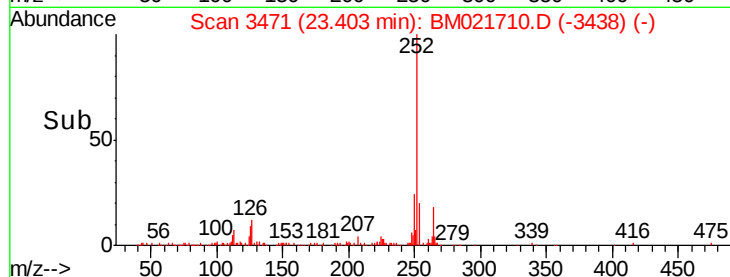
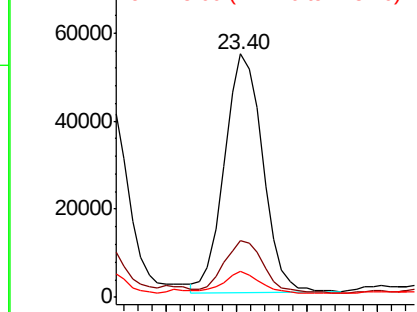


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.429 ng/ul

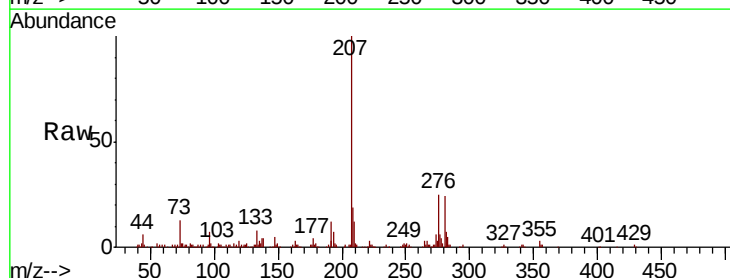
RT: 25.74 min Scan# 3869

Delta R.T. -0.01 min

Lab File: BM021710.D

Acq: 30 Jul 2019 01:14

Tgt Ion:	276	Resp:	88671
Ion Ratio	Lower	Upper	
276	100		
138	17.9	14.8	22.2
277	25.4	19.7	29.5

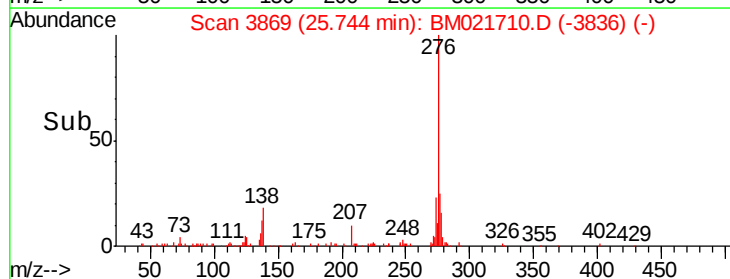
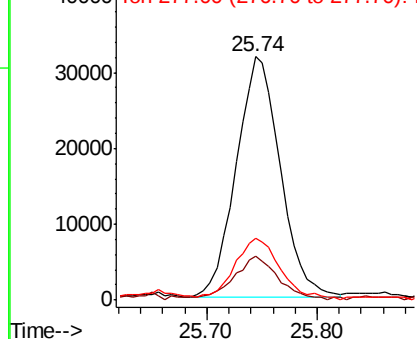


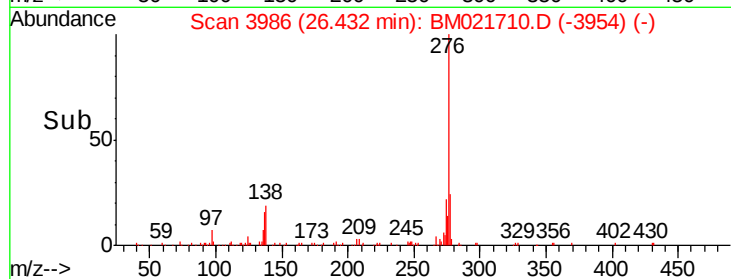
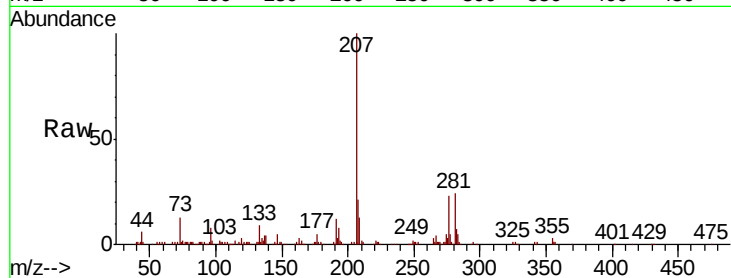
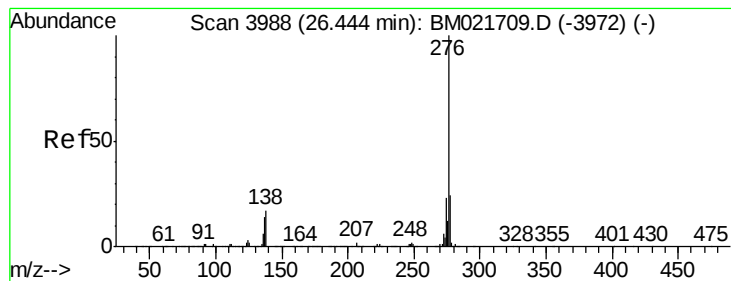
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 1.738 ng/ul

RT: 26.43 min Scan# 3986

Delta R.T. -0.01 min

Lab File: BM021710.D

Acq: 30 Jul 2019 01:14

Tot Ion:	276	Resp:	89671
Ion Ratio	Lower	Upper	
276	100		
138	18.5	13.1	19.7
277	24.4	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

A52F2

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