

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
 Data File : BM020986.D
 Acq On : 17 Jun 2019 19:24
 Operator : HP/JU
 Sample : K3332-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41W0

Manual Integrations
 APPROVED

mohammad
 6/20/2019 10:50:04 AM

Quant Time: Jun 18 05:23:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 17 09:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	250304	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1124582	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	735943	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1736000	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1462028	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1524622	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	18965	3.60	ng/uL	0.00
5) Phenol-d5	6.96	99	457497	21.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	281205	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	380255	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	373086	20.51	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	194186	21.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	220575	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	445568	21.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	510528	23.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1650192	24.82	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1842010	22.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	173088	16.00	ng/ul	0.00
57) Fluorene-d10	15.43	176	1399144	24.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	160595	15.05	ng/ul	0.00
70) Anthracene-d10	17.27	188	2214014	24.54	ng/ul	0.00
78) Pyrene-d10	19.57	212	2448705	27.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2333373	25.94	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.89	163	782547	12.928	ng/ul 99
69) Phenanthrene	17.22	178	287236	2.992	ng/ul 99
76) Fluoranthene	19.23	202	872454	8.410	ng/ul 99
79) Pyrene	19.60	202	677597	6.556	ng/ul 99
82) Benzo(a)anthracene	21.34	228	307923	3.089	ng/ul 99
84) Chrysene	21.39	228	385676	4.131	ng/ul 98
87) Benzo(b)fluoranthene	22.95	252	474441	4.913	ng/ul 98
88) Benzo(k)fluoranthene	22.99	252	143187m	1.541	ng/ul
90) Benzo(a)pyrene	23.53	252	276885	3.046	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.93	276	204772	1.913	ng/ul 95
93) Benzo(g,h,i)perylene	26.64	276	167949	1.905	ng/ul 98

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

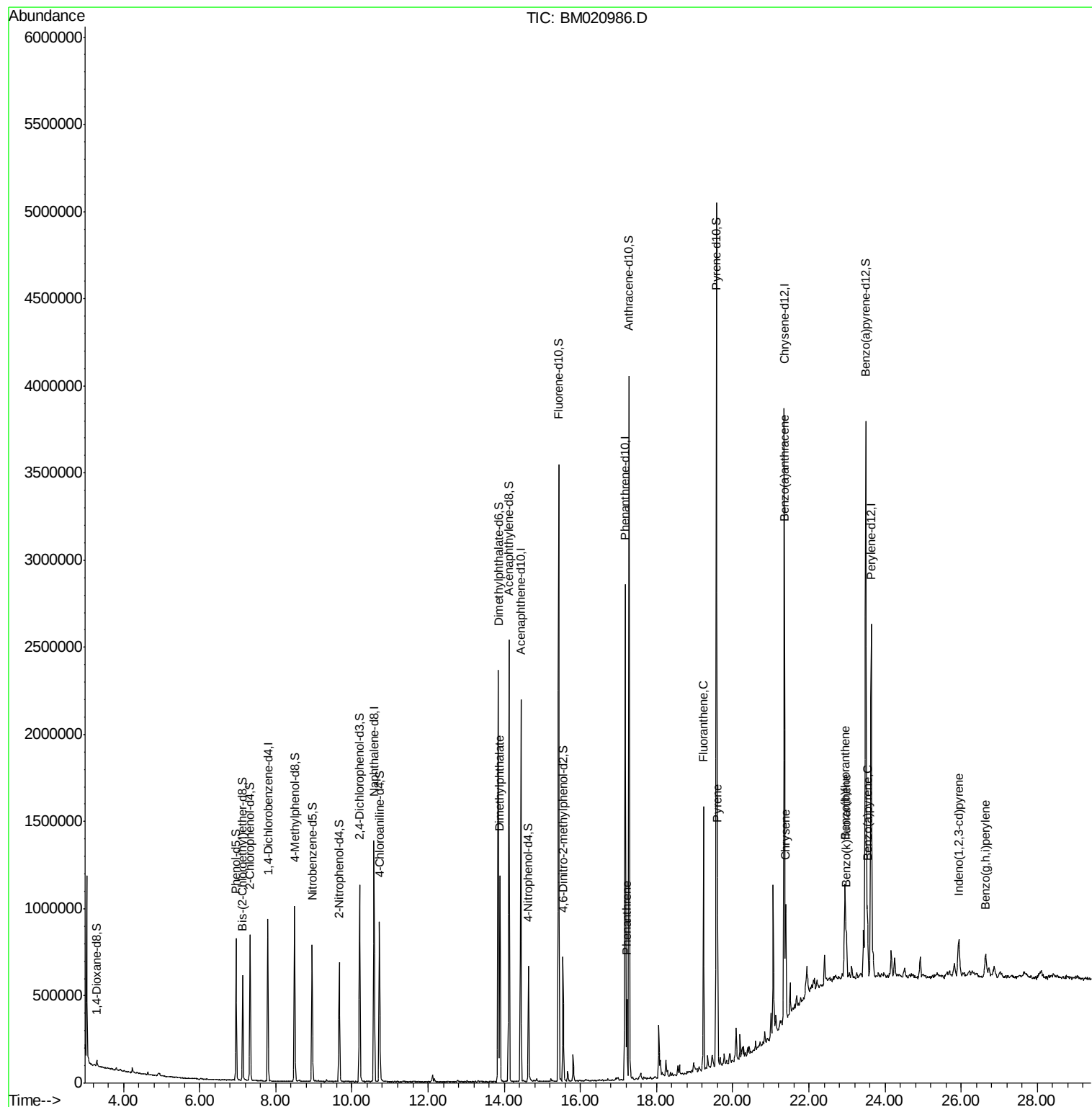
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM020986.D
Acq On : 17 Jun 2019 19:24
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Misc :
ALS Vial : 17 Sample Multiplier: 1

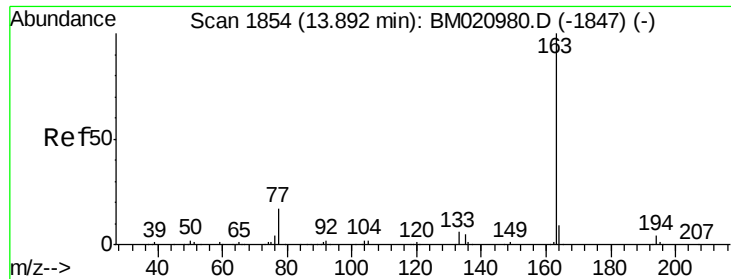
Instrument :
BNA_M
ClientSampleId :
A41W0

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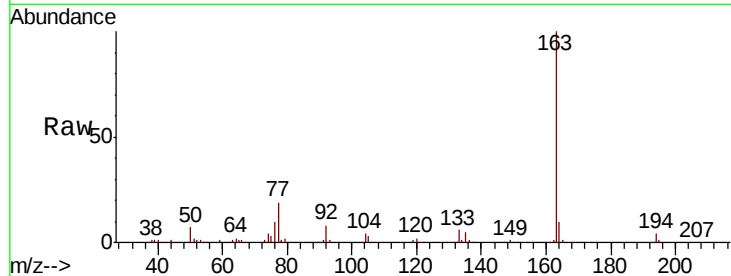
#44
Dimethylphthalate
Concen: 12.928 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Instrument :
BNA_M
ClientSampled :
A41W0

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	7.7	11.5

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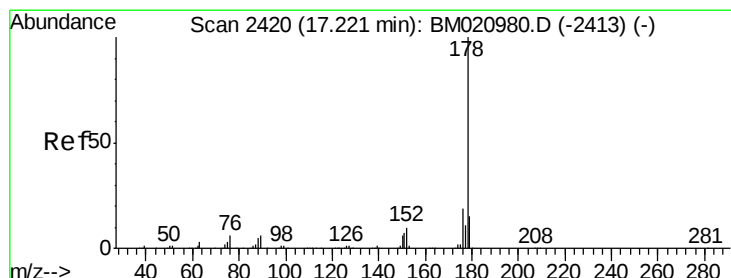
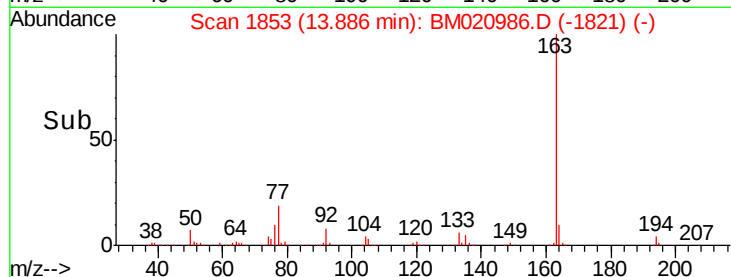
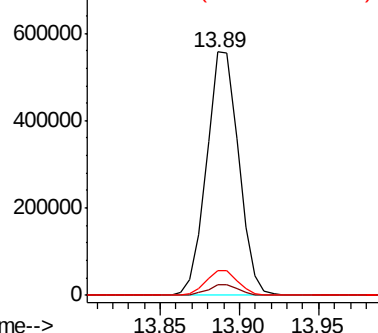


Abundance

Ion 163.00 (162.70 to 163.70): E

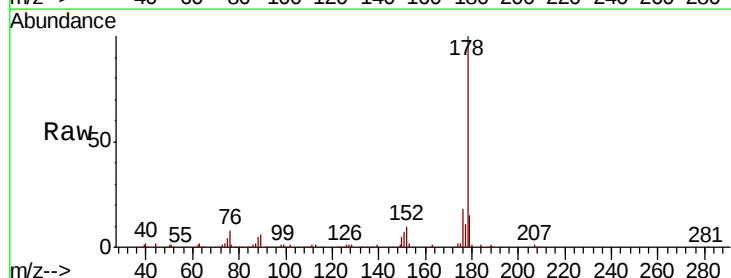
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 2.992 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	18.5	15.0	22.6

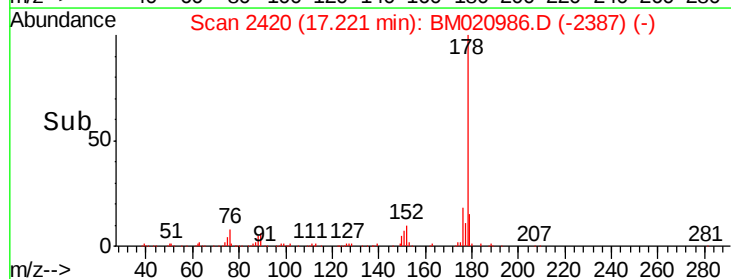
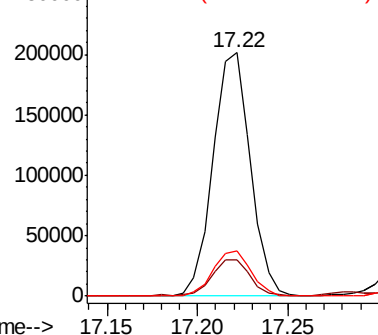


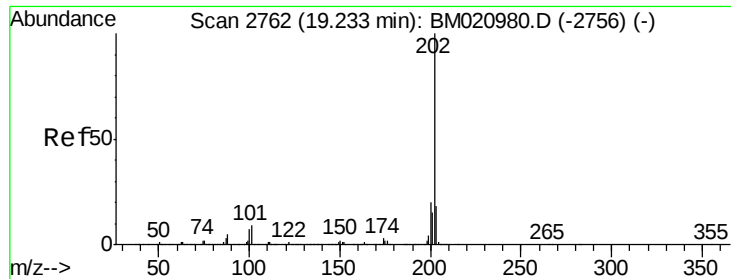
Abundance

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





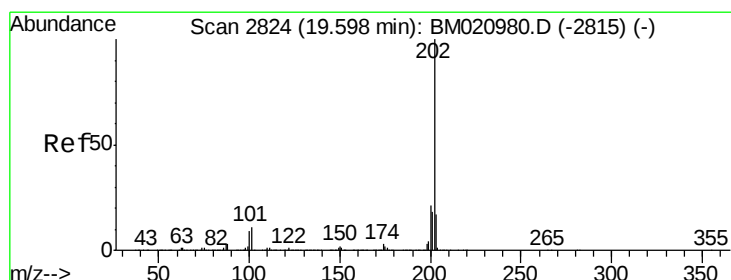
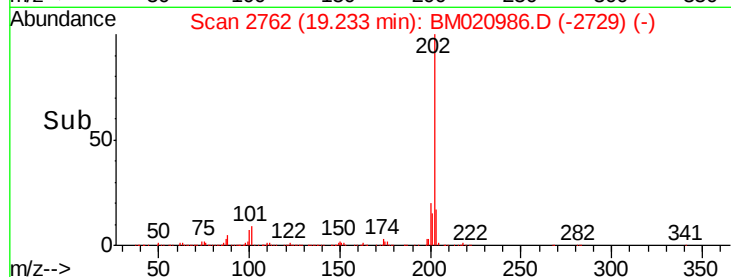
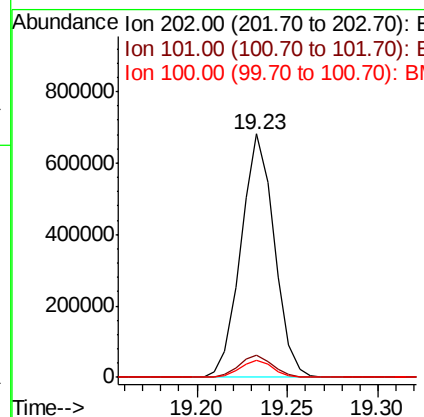
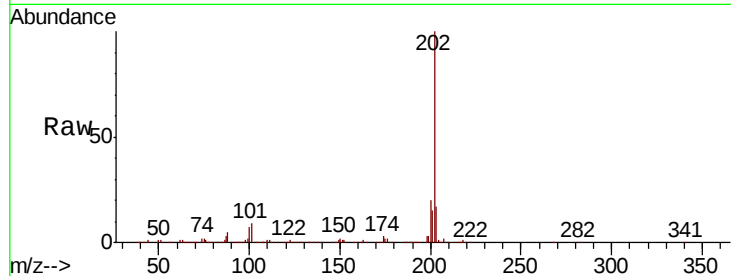
#76
Fluoranthene
Concen: 8.410 ng/ul
RT: 19.23 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Instrument :
BNA_M
ClientSampleId :
A41W0

Tot Ion	Ratio	Resp	Lower	Upper
202	100	872454		
101	9.2	6.7	10.1	
100	7.0	5.5	8.3	

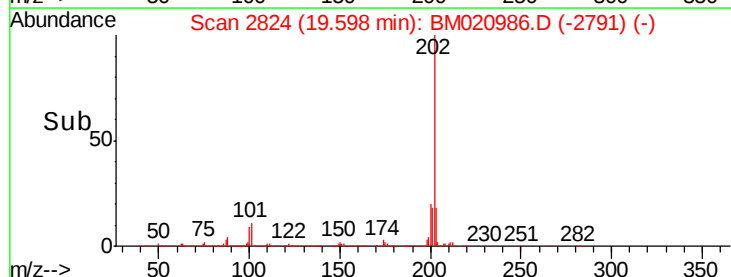
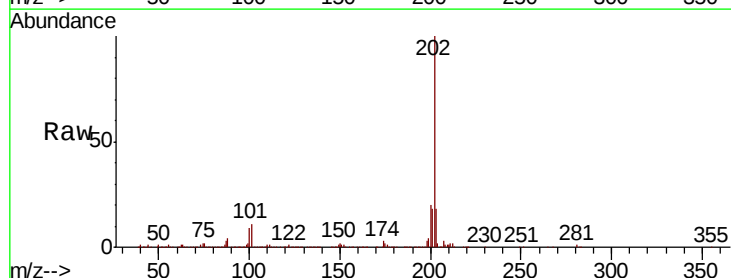
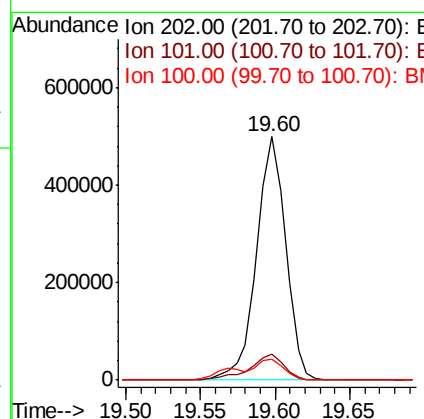
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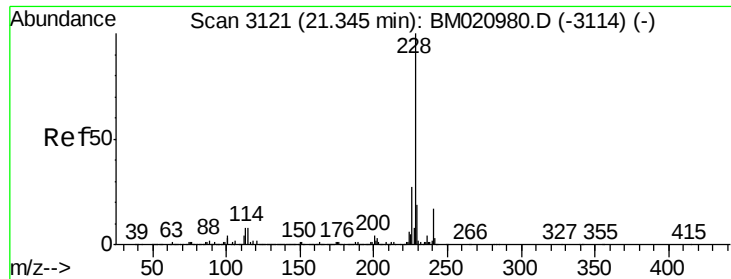
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#79
Pyrene
Concen: 6.556 ng/ul
RT: 19.60 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM020986.D
Acq: 17 Jun 2019 19:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	677597		
101	10.6	8.1	12.1	
100	8.7	6.6	10.0	





#82

Benzo(a)anthracene

Concen: 3.089 ng/ul

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

BNA_M

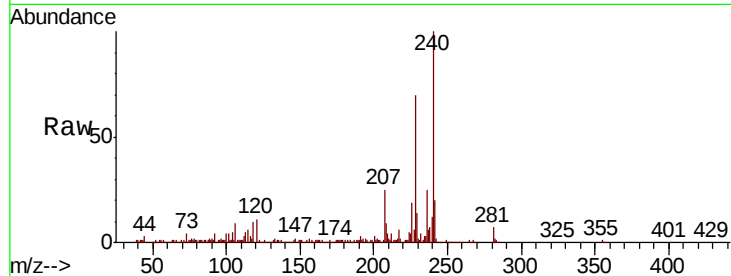
ClientSampleId :

A41W0

Tot Ion:	228	Resp:	307923
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.8	23.8
226	27.7	21.4	32.2

Manual Integrations
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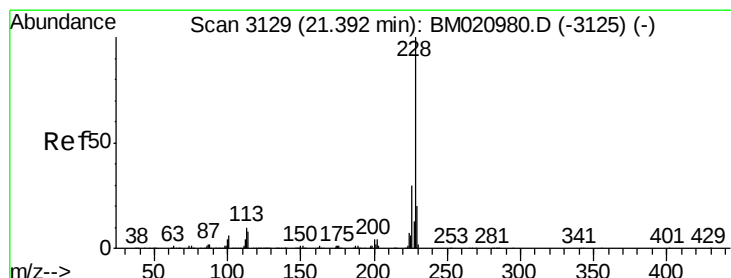
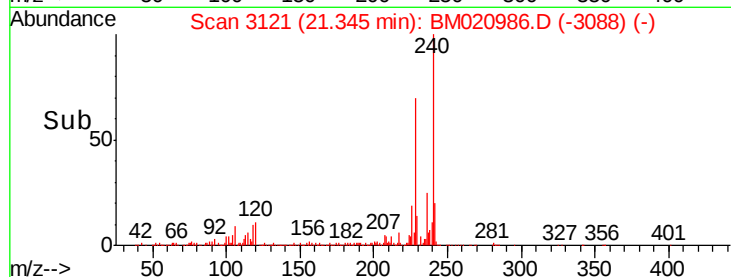
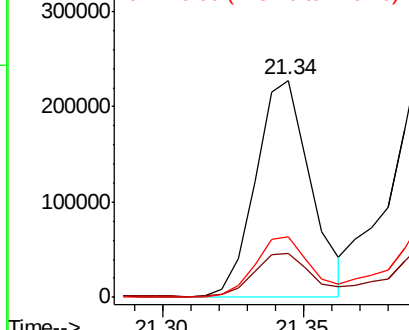


Abundance

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



#84

Chrysene

Concen: 4.131 ng/ul

RT: 21.39 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

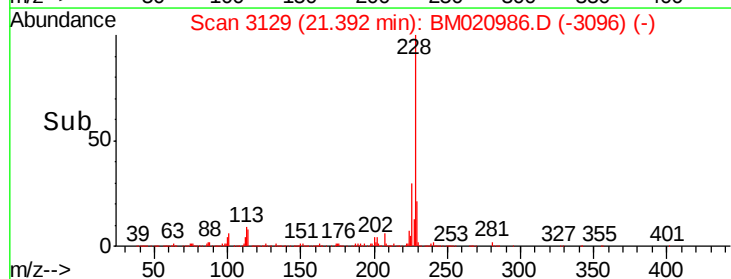
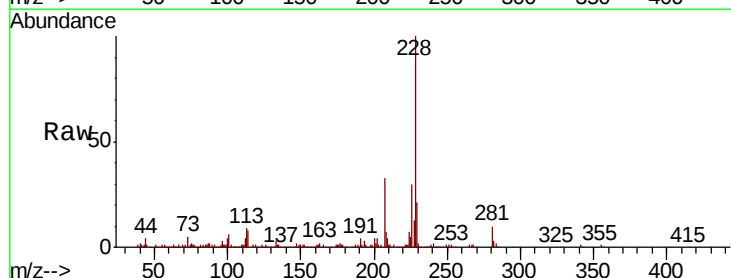
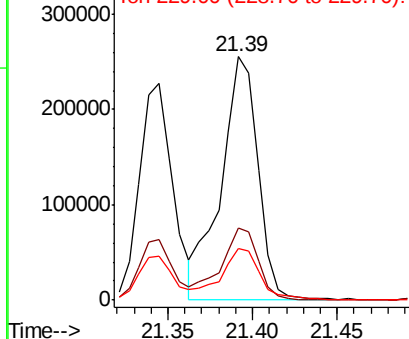
Tgt Ion:	228	Resp:	385676
Ion Ratio	Lower	Upper	
228	100		
226	29.8	23.9	35.9
229	21.1	15.4	23.2

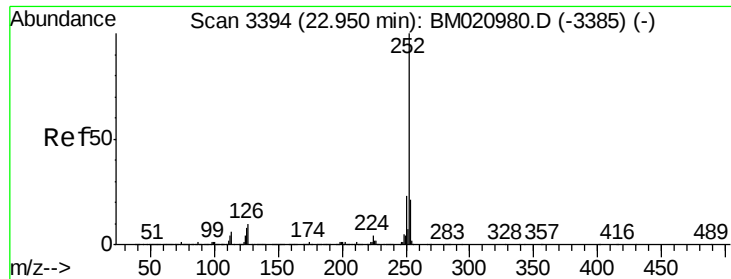
Abundance

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: 4.913 ng/ul

RT: 22.95 min Scan# 3394

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

BNA_M

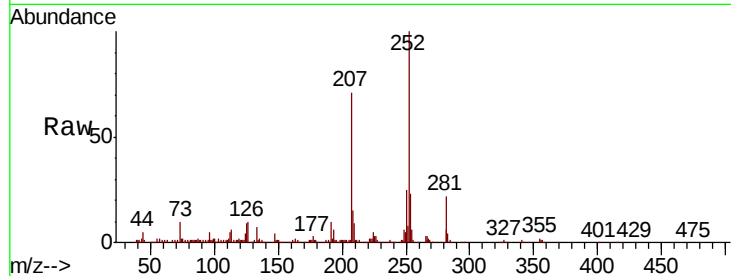
ClientSampled :

A41W0

Tot Ion:	252	Resp:	474441
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	9.2	6.3	9.5

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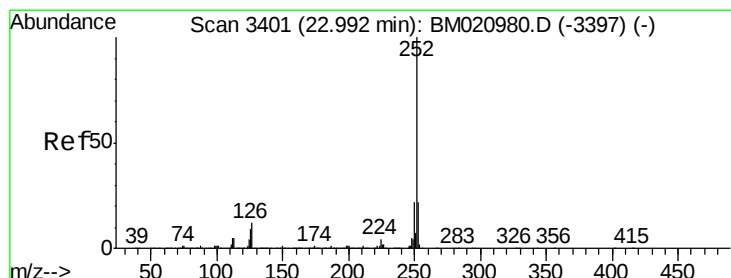
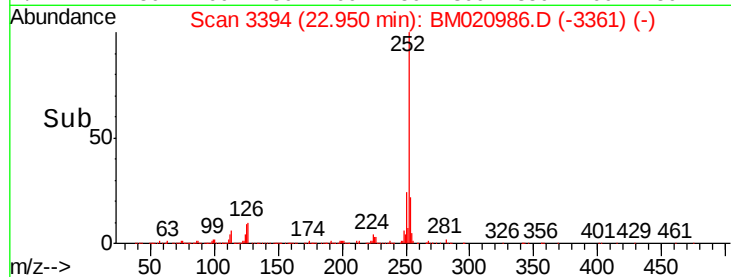
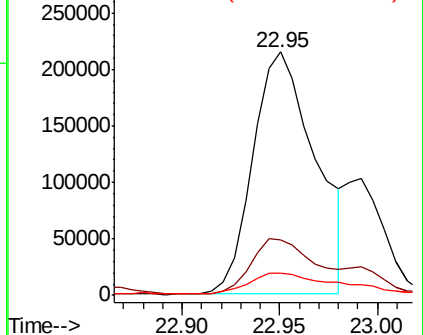


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 1.541 ng/ul m

RT: 22.99 min Scan# 3401

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

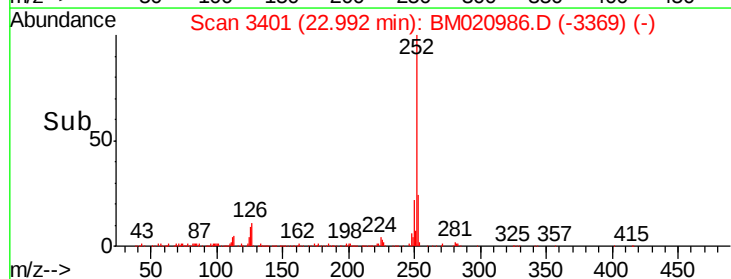
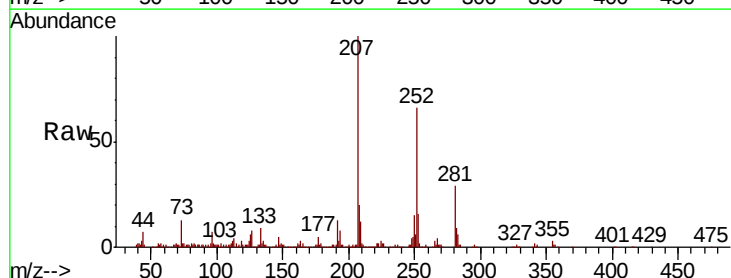
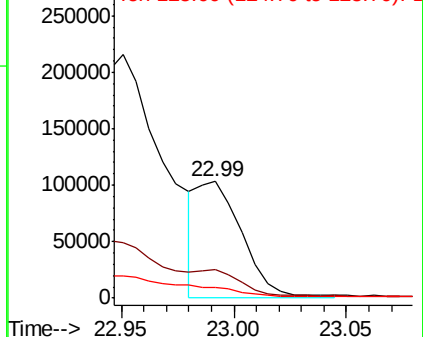
Tgt Ion:	252	Resp:	143187
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.5	26.3
125	9.7	6.6	9.8

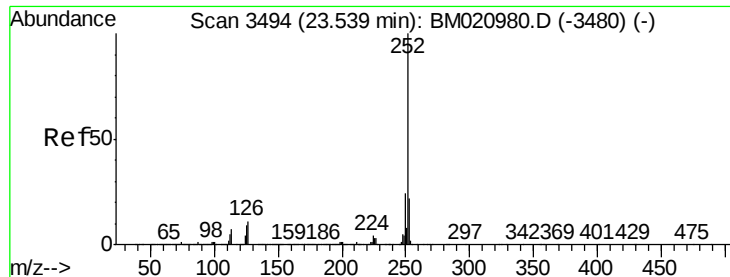
Abundance

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





#90

Benzo(a)pyrene

Concen: 3.046 ng/ul

RT: 23.53 min Scan# 3493

Delta R.T. -0.01 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

BNA_M

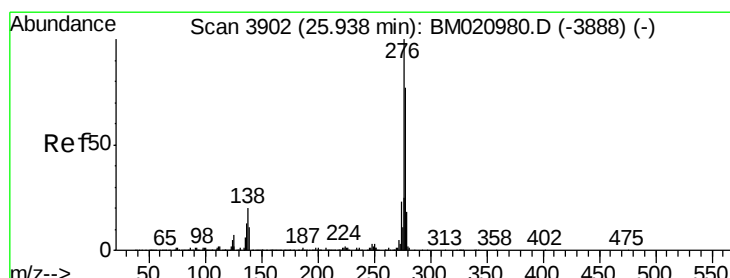
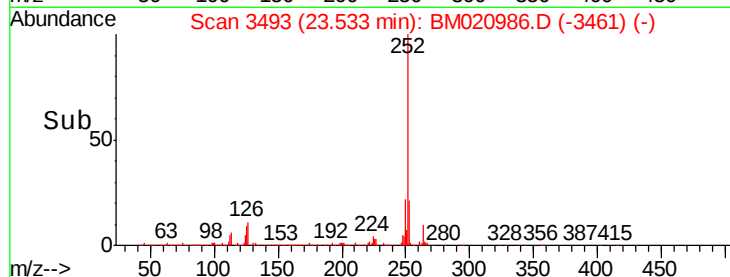
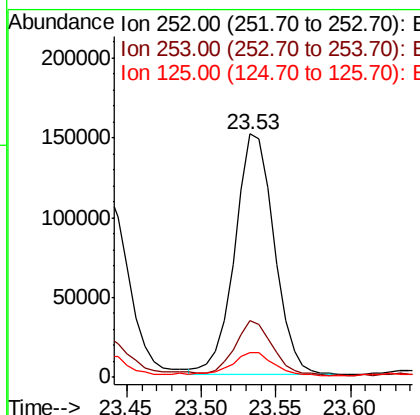
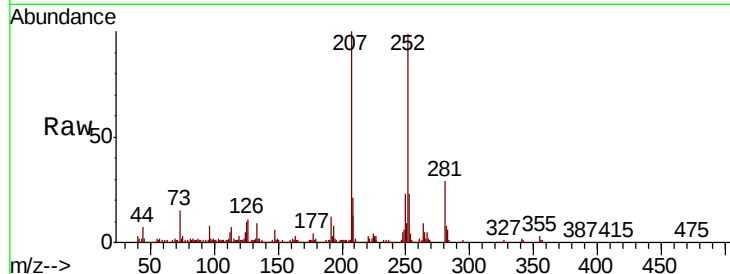
ClientSampleId :

A41W0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	9.9	7.2	10.8

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.913 ng/ul

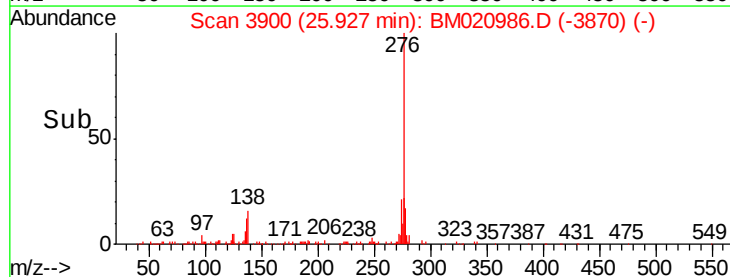
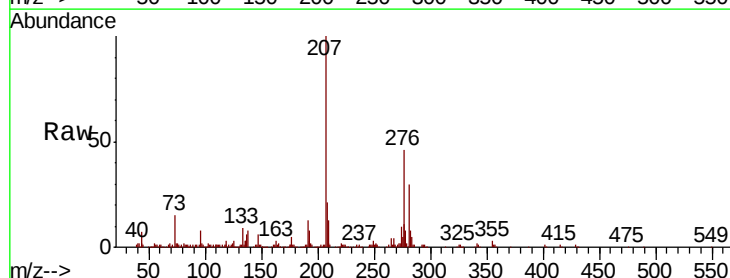
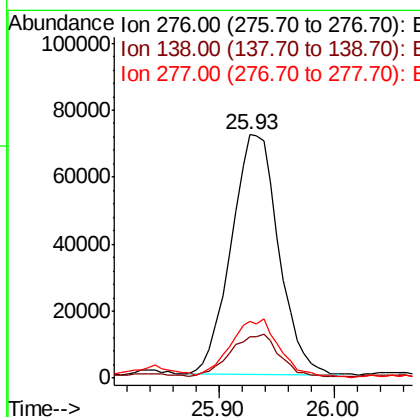
RT: 25.93 min Scan# 3900

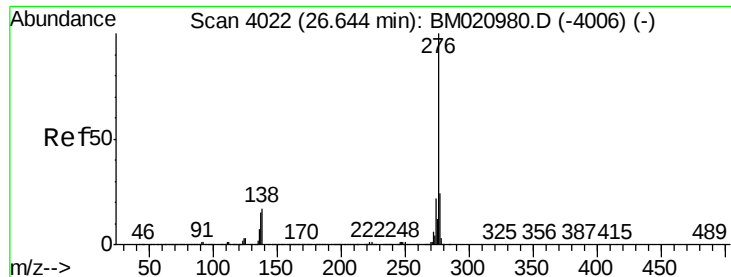
Delta R.T. -0.02 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	15.9	23.9
277	23.2	20.4	30.6





#93

Benzo(a,h,i)perylene

Concen: 1.905 ng/ul

RT: 26.64 min Scan# 4021

Delta R.T. -0.02 min

Lab File: BM020986.D

Acq: 17 Jun 2019 19:24

Instrument :

BNA_M

ClientSampleId :

A41W0

Tot Ion:	276	Resp:	167949
Ion Ratio	Lower	Upper	
276	100		
138	17.3	14.6	21.8
277	24.6	18.9	28.3

Manual Integrations
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6/20/2019 10:50:04 AM

