

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
 Data File : BM020471.D
 Acq On : 21 May 2019 21:57
 Operator : JU/SJ
 Sample : K2923-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4255

Manual Integrations
 APPROVED

mohammad
 5/23/2019 8:43:18 AM

Quant Time: May 22 06:22:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	59320	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	216759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	129925	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	324155	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	370483	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	426094	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9164	5.70	ng/uL	0.00
5) Phenol-d5	6.89	99	142949	30.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	91949	30.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	113881	32.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	103440	30.02	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	48846	34.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	53992	34.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	106640	32.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	95988	28.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	331119	35.42	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	401388	34.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	31885	23.49	ng/ul	0.00
57) Fluorene-d10	15.37	176	298876	35.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	43912	23.78	ng/ul	0.00
70) Anthracene-d10	17.23	188	491030	35.32	ng/ul	0.00
78) Pyrene-d10	19.53	212	640581	35.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	723192	37.35	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.83	163	115926	12.536	ng/ul 99
69) Phenanthrene	17.17	178	62384	4.039	ng/ul 98
76) Fluoranthene	19.19	202	152015	7.792	ng/ul 99
79) Pyrene	19.56	202	134161	6.033	ng/ul 99
82) Benzo(a)anthracene	21.30	228	71392	3.202	ng/ul 96
84) Chrysene	21.36	228	75253	3.531	ng/ul 97
87) Benzo(b)fluoranthene	22.91	252	108001	4.441	ng/ul 95
88) Benzo(k)fluoranthene	22.95	252	37910m	1.587	ng/ul
90) Benzo(a)pyrene	23.50	252	72685	3.176	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	25.89	276	54081	2.074	ng/ul# 95
93) Benzo(g,h,i)perylene	26.61	276	41999	1.946	ng/ul 94

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

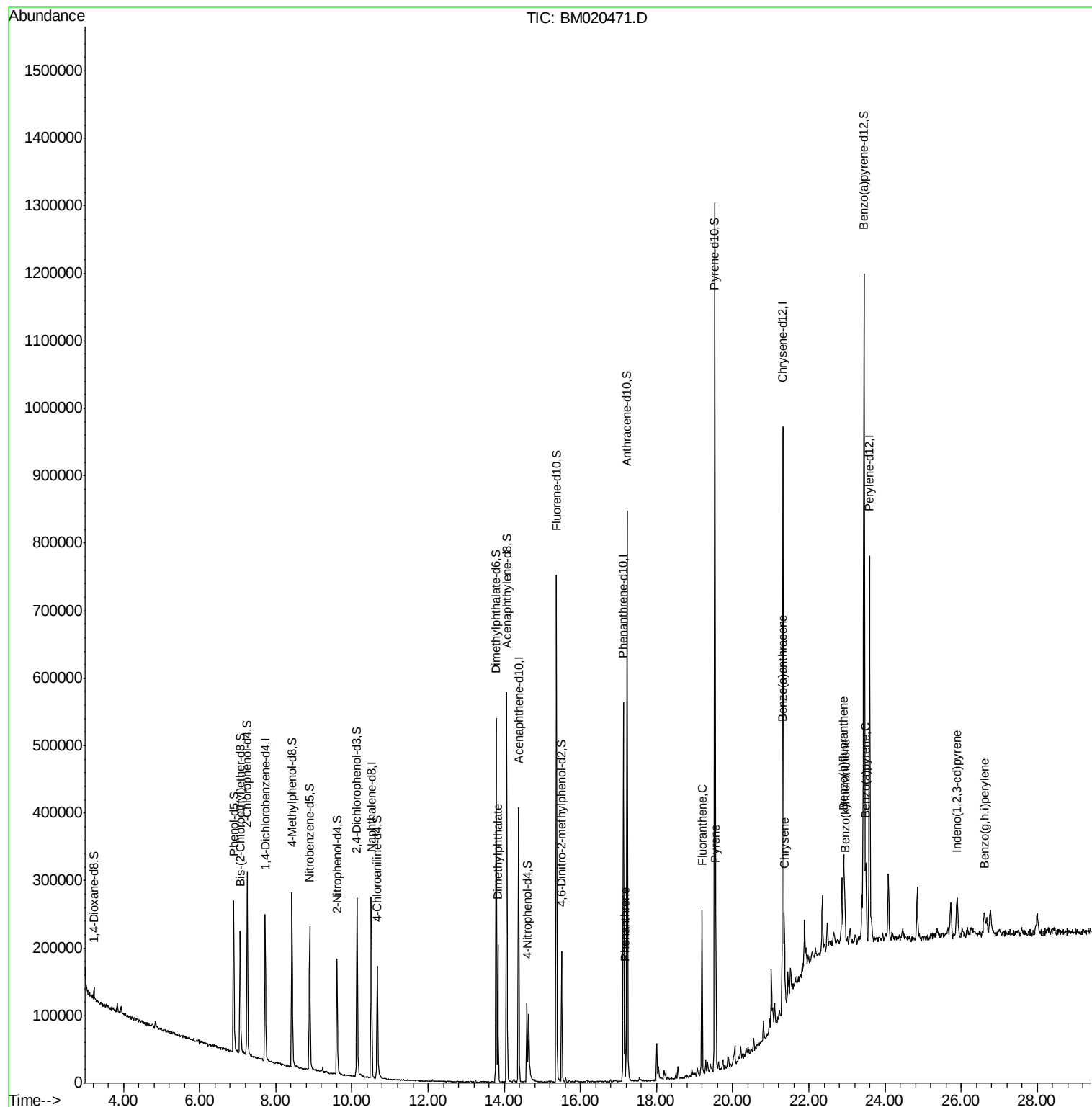
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052119\
Data File : BM020471.D
Acq On : 21 May 2019 21:57
Operator : JU/SJ
Sample : K2923-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

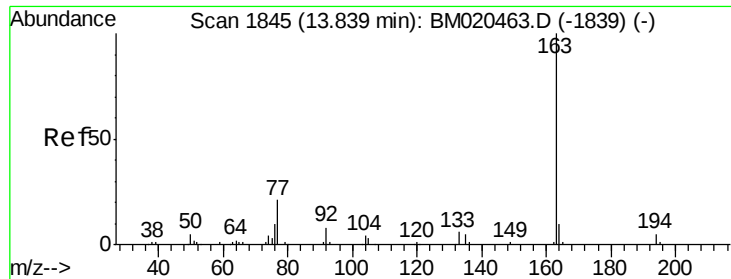
Instrument :
BNA_M
ClientSampled :
A4255

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Quant Time: May 22 06:22:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
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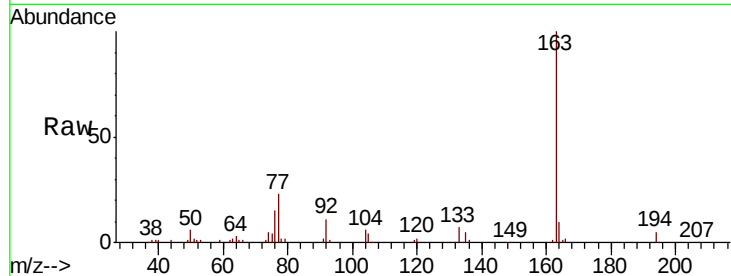
#44
Dimethylphthalate
Concen: 12.536 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020471.D
Acq: 21 May 2019 21:57

Instrument :
BNA_M
ClientSampleId :
A4255

Tot Ion	Ratio	Resp	Lower	Upper
163	100	115926		
194	4.7		3.3	4.9
164	10.3		8.0	12.0

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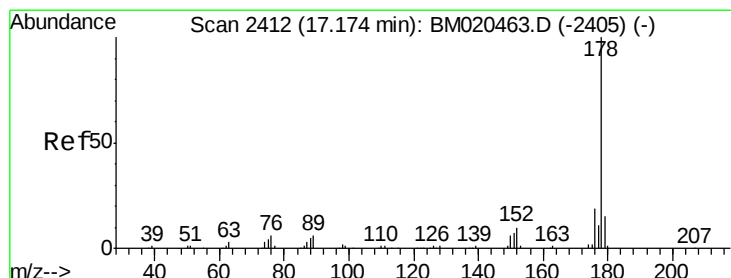
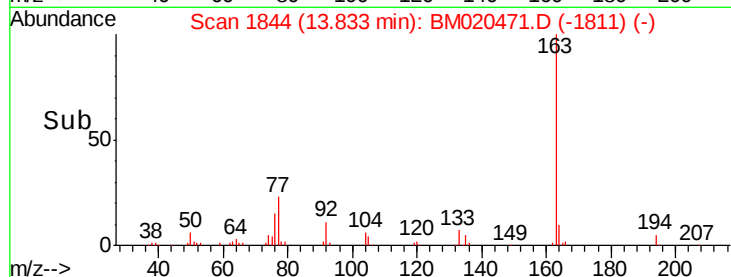
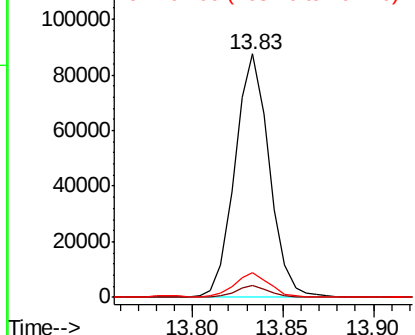


Abundance

Ion 163.00 (162.70 to 163.70): E

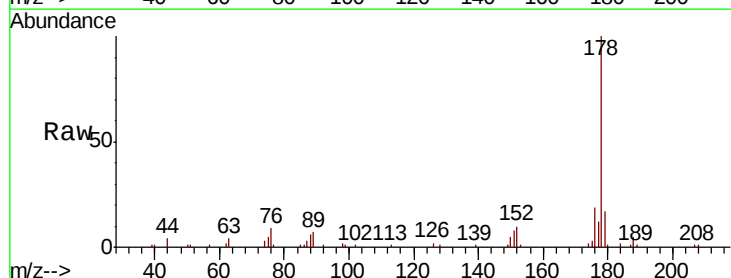
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 4.039 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020471.D
Acq: 21 May 2019 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	62384		
179	16.7		11.9	17.9
176	18.7		14.6	22.0

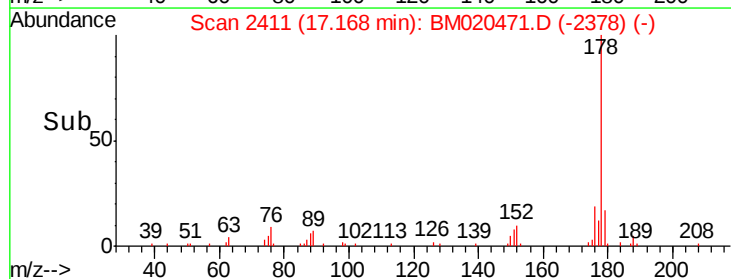
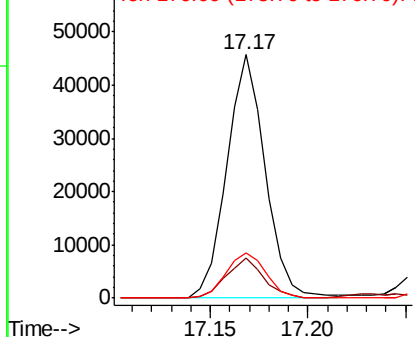


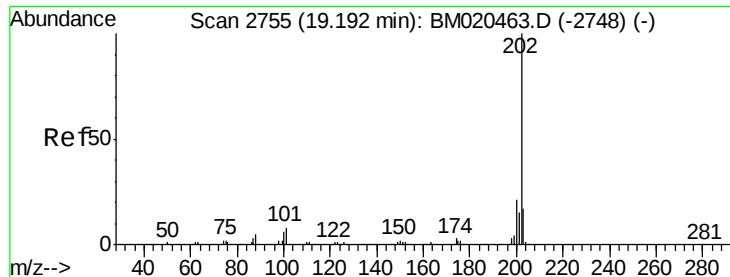
Abundance

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





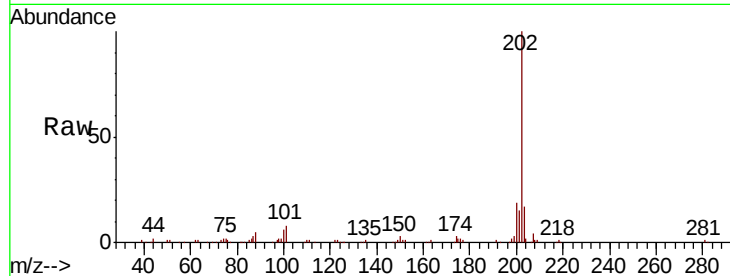
#76
Fluoranthene
Concen: 7.792 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM020471.D
Acq: 21 May 2019 21:57

Instrument :
BNA_M
ClientSampled :
A4255

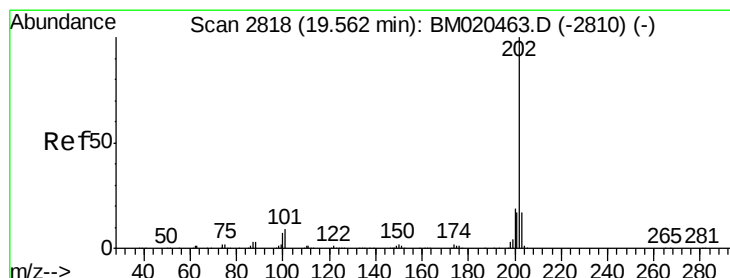
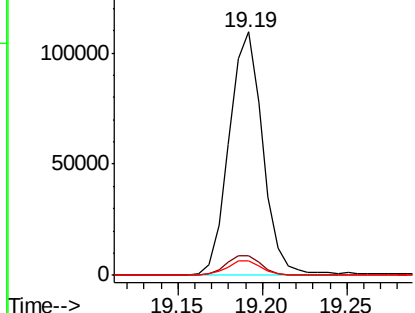
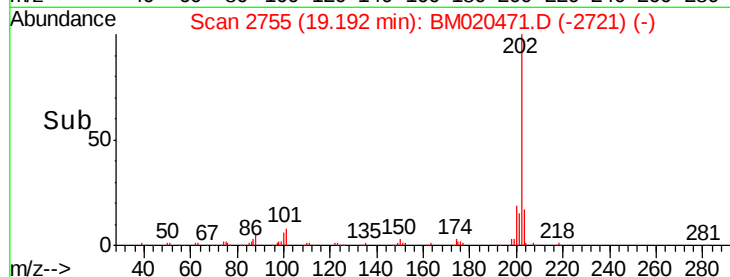
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	6.4	9.6
100	6.1	5.2	7.8

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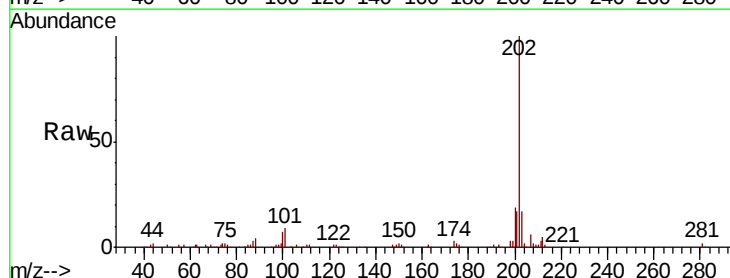


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

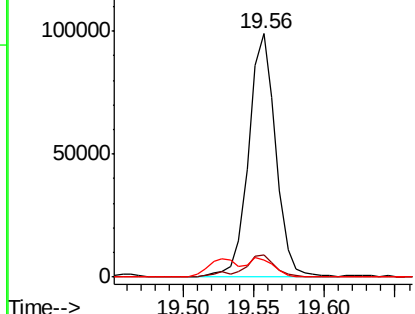
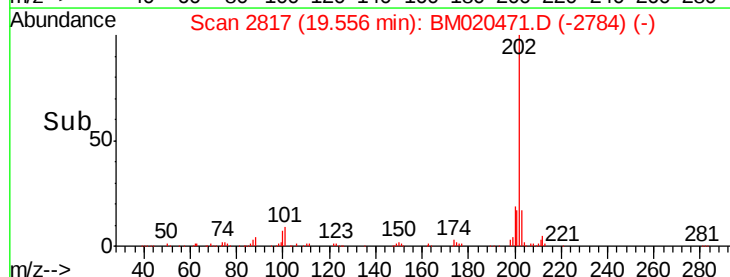


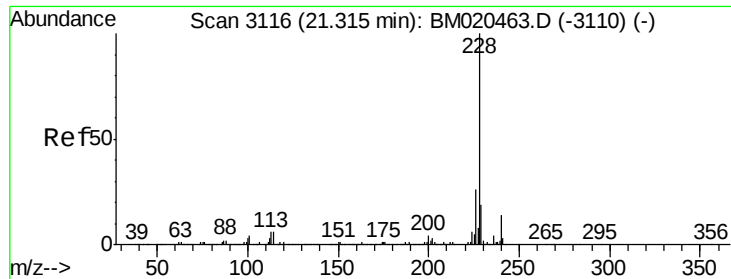
#79
Pyrene
Concen: 6.033 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BM020471.D
Acq: 21 May 2019 21:57

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	7.1	10.7
100	6.8	5.9	8.9



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





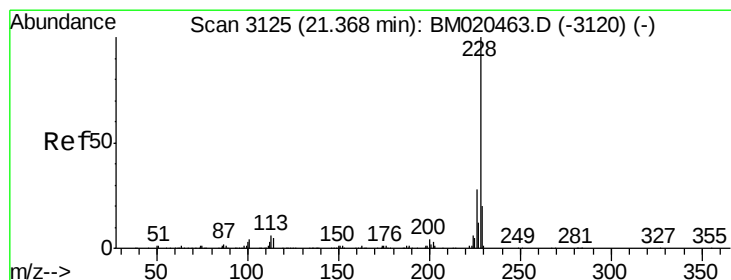
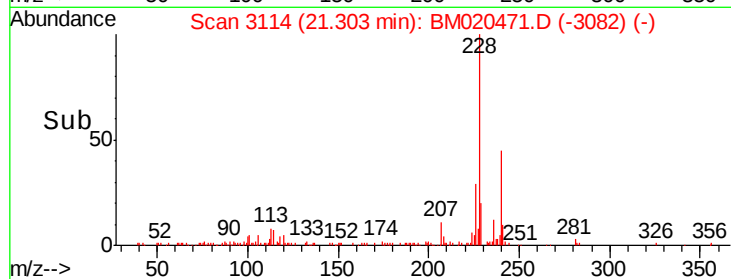
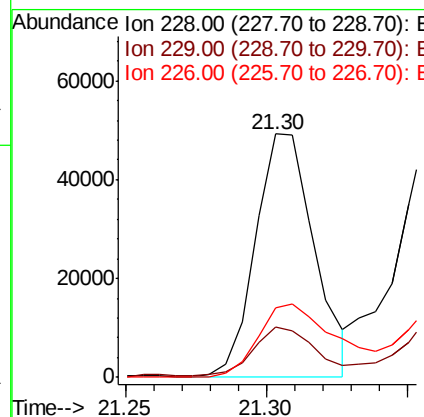
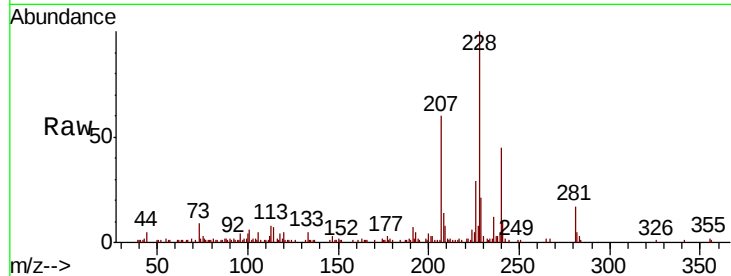
#82
Benzo(a)anthracene
Concen: 3.202 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM020471.D
Acq: 21 May 2019 21:57

Instrument :
BNA_M
ClientSampleId :
A4255

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	28.7	20.6	30.8

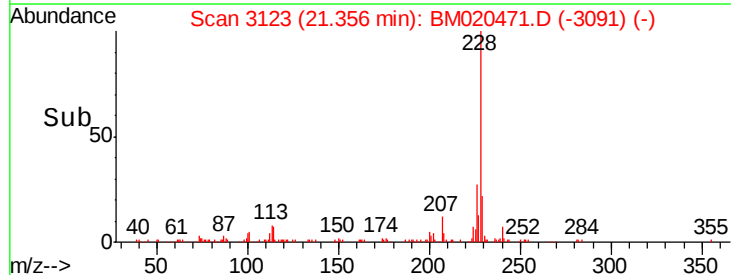
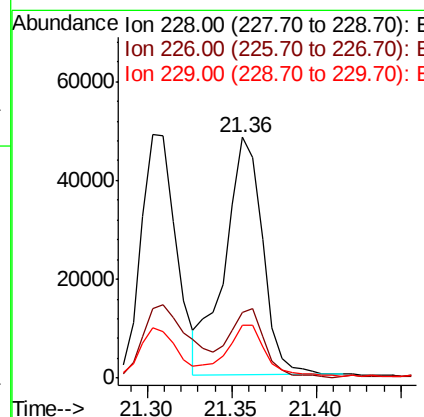
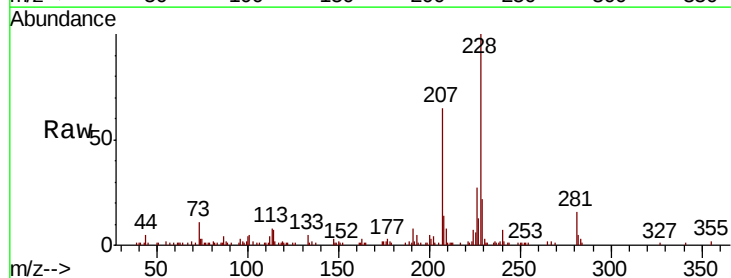
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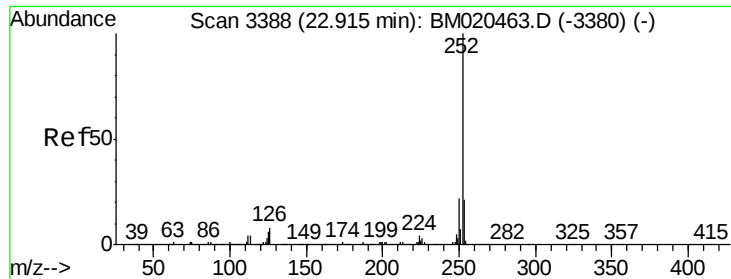
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#84
Chrysene
Concen: 3.531 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020471.D
Acq: 21 May 2019 21:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.2	33.4
229	22.2	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 4.441 ng/ul

RT: 22.91 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BM020471.D

Acq: 21 May 2019 21:57

Instrument :

BNA_M

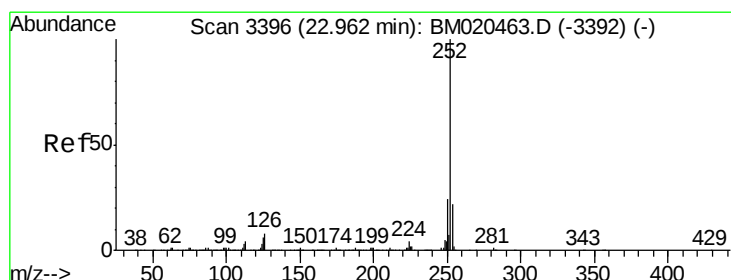
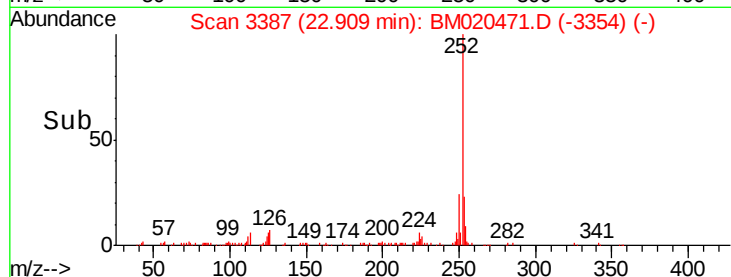
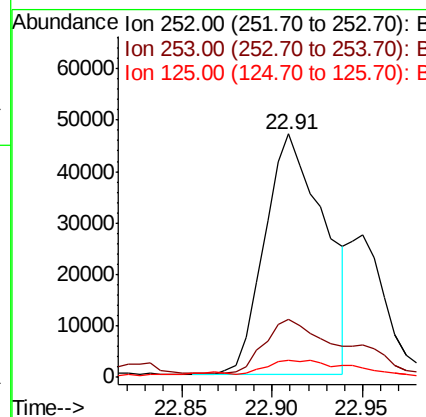
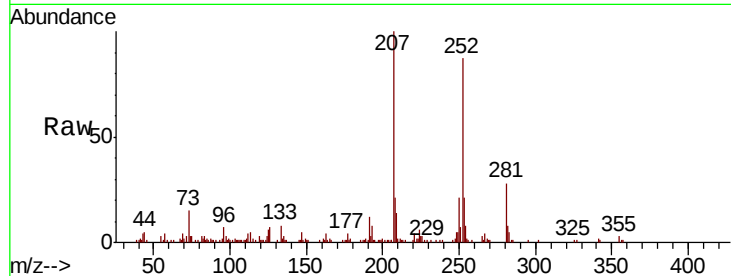
ClientSampleId :

A4255

Tot Ion:	252	Resp:	108001
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.0	25.6
125	6.9	5.0	7.4

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#88

Benzo(k)fluoranthene

Concen: 1.587 ng/ul m

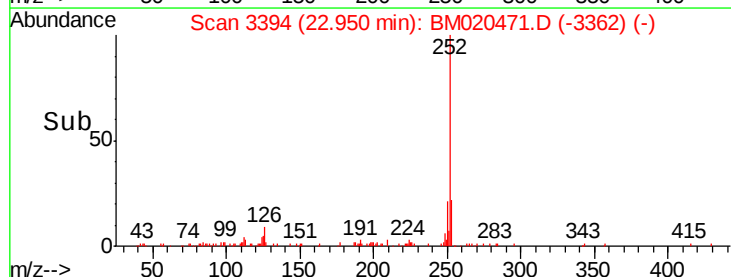
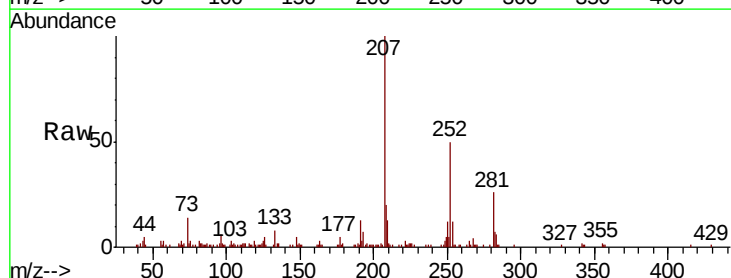
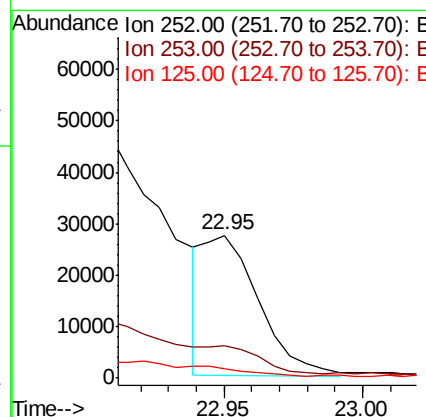
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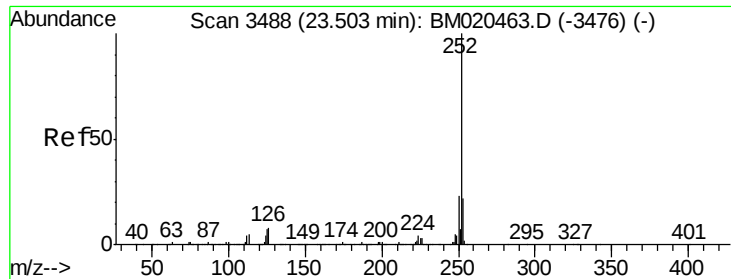
Delta R.T. -0.01 min

Lab File: BM020471.D

Acq: 21 May 2019 21:57

Tgt Ion:	252	Resp:	37910
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	6.3	5.0	7.6





#90

Benzo(a)pyrene

Concen: 3.176 ng/ul

RT: 23.50 min Scan# 3487

Delta R.T. -0.01 min

Lab File: BM020471.D

Acq: 21 May 2019 21:57

Instrument :

BNA_M

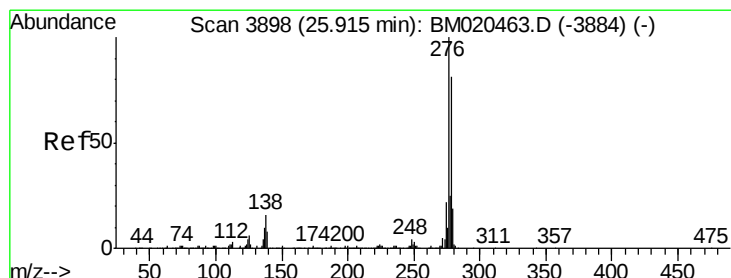
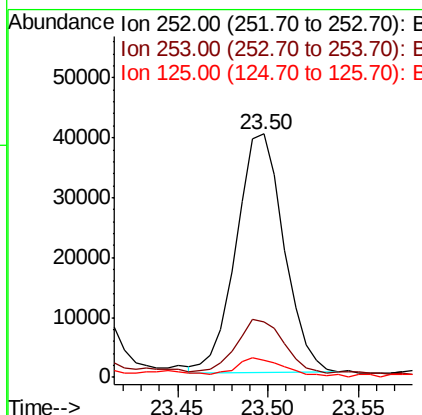
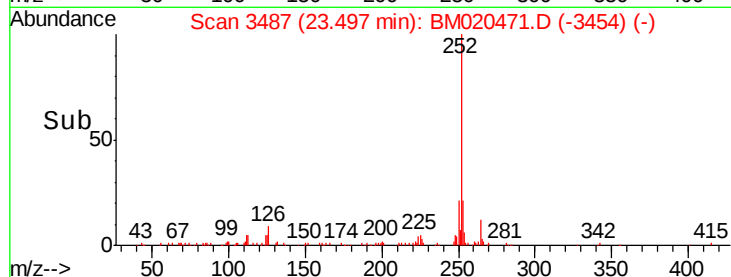
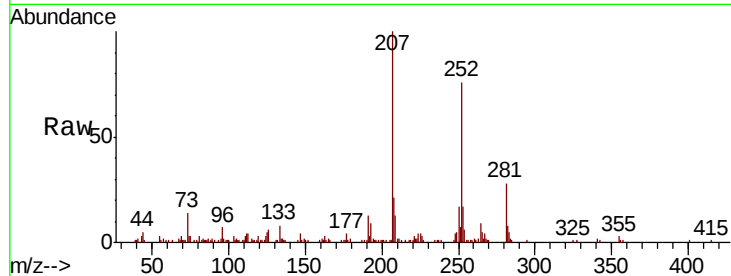
ClientSampled :

A4255

Tot Ion:	252	Resp:	72685
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.2
125	6.8	5.4	8.2

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#91

Indeno(1,2,3-cd)pyrene

Concen: 2.074 ng/ul

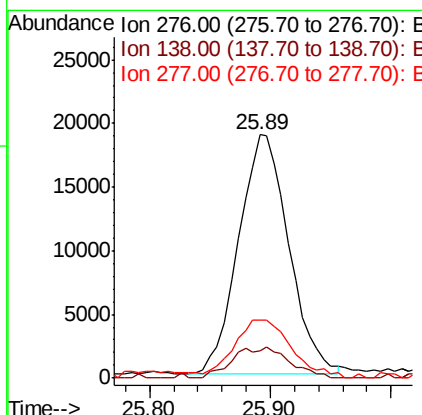
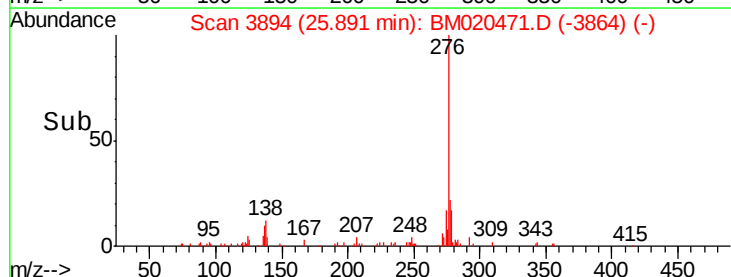
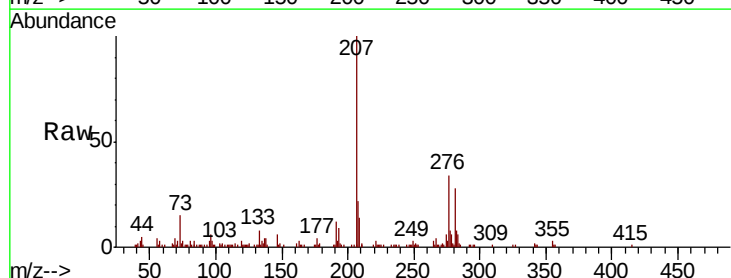
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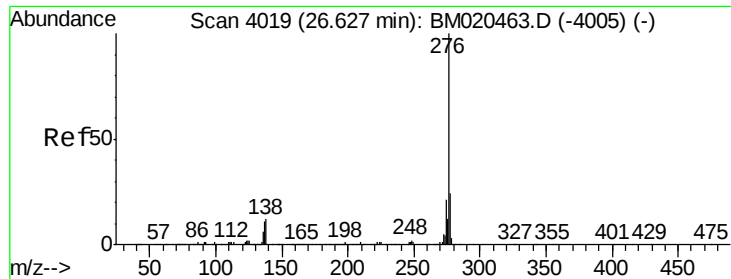
Delta R.T. -0.02 min

Lab File: BM020471.D

Acq: 21 May 2019 21:57

Tgt Ion:	276	Resp:	54081
Ion Ratio	Lower	Upper	
276	100		
138	11.2	12.3	18.5#
277	23.9	20.0	30.0





#93
 Benzo(a,h,i)perylene
 Concen: 1.946 ng/ul
 RT: 26.61 min Scan# 4017
 Delta R.T. -0.01 min
 Lab File: BM020471.D
 Acq: 21 May 2019 21:57

Instrument :
 BNA_M
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	13.0	10.0	15.0
277	27.2	18.2	27.4

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