

Data File : BM023594.D
Acq On : 05 Nov 2019 00:09
Operator : JU
Sample : K5403-03
Misc : GCMS CONFIRMATION
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFB94

Manual Integrations
APPROVED

mohammad
11/5/2019 5:26:19 PM

Quant Time: Nov 05 03:51:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 05 03:27:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	529878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2004923	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.25	164	1122590	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	2203313	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	2154686	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	2765976	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

					Qvalue	
59) Fluorene	15.30	166	140607	1.691	ng/ul	96
70) Phenanthrene	17.04	178	2637314	21.419	ng/ul	99
77) Fluoranthene	19.06	202	4476862	34.857	ng/ul	98
80) Pyrene	19.43	202	1080893	7.104	ng/ul	99
83) Benzo(a)anthracene	21.18	228	835889	5.801	ng/ul	100
85) Chrysene	21.23	228	1472474	11.074	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	815674	4.592	ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	211636m	1.269	ng/ul	

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

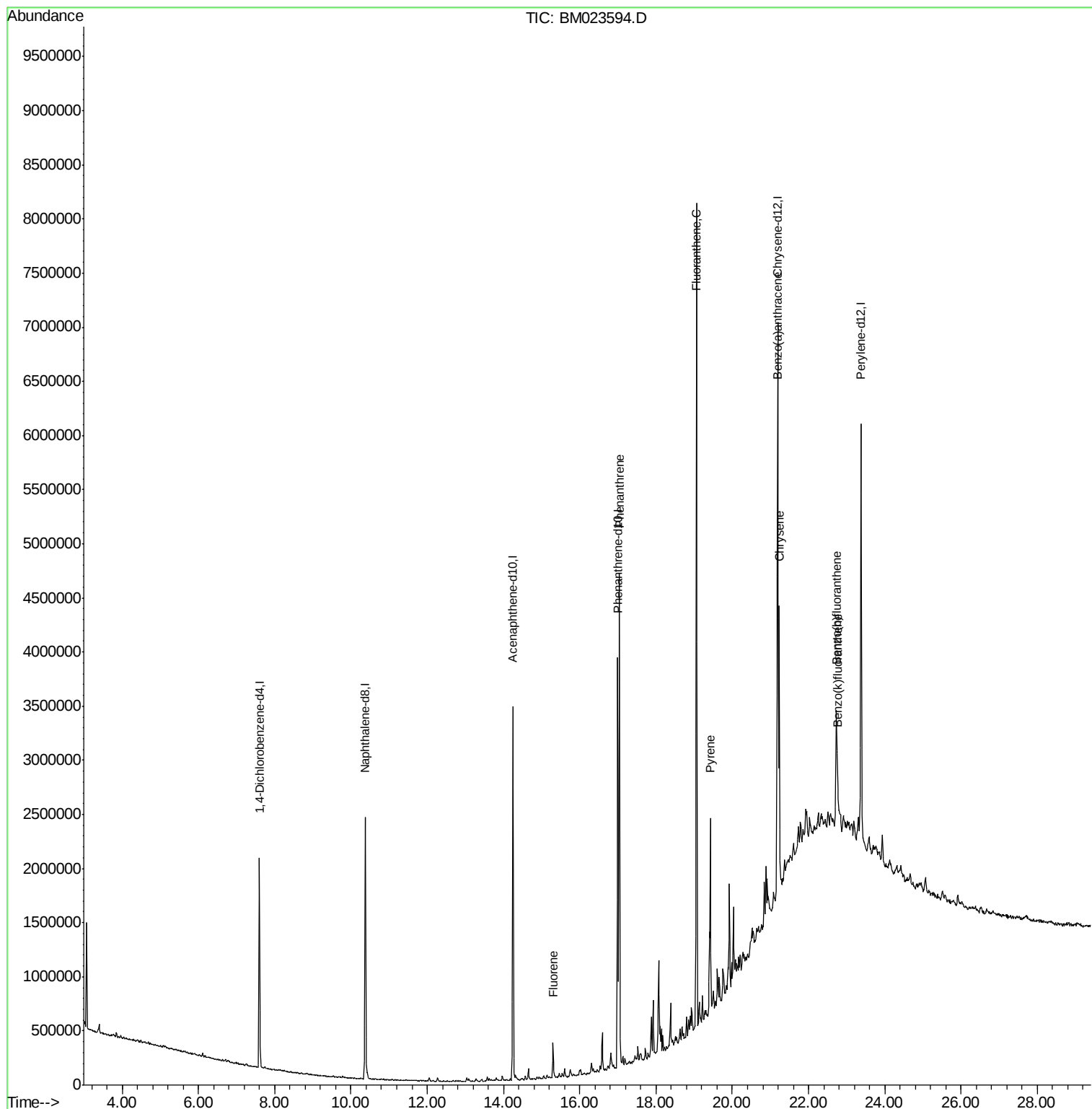
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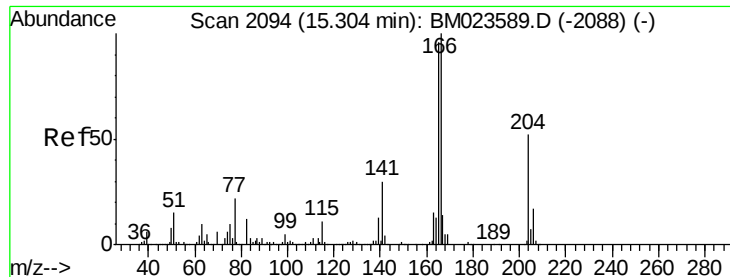
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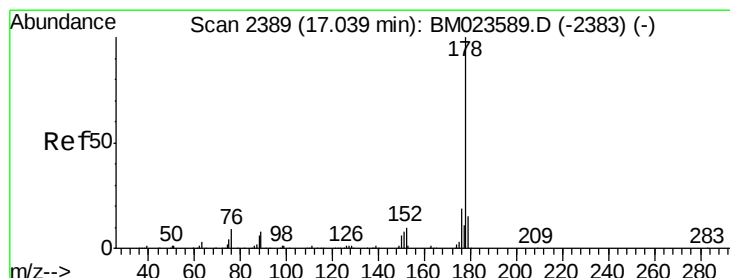
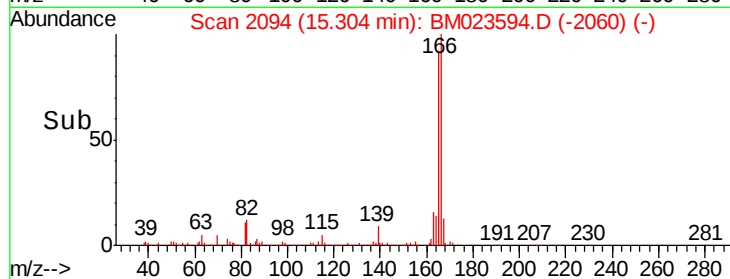
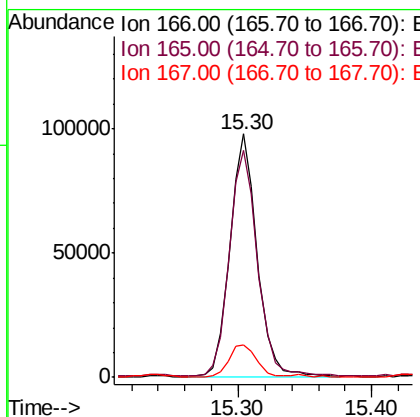
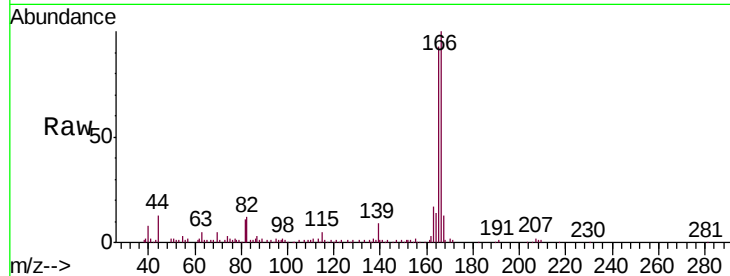
#59
Fluorene
 Concen: 1.691 ng/ul
 RT: 15.30 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: BM023594.D
 Acq: 05 Nov 2019 00:09

Instrument :
 BNA_M
 ClientSampled :
 BFB94

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	77.8	116.6
167	13.1	10.8	16.2

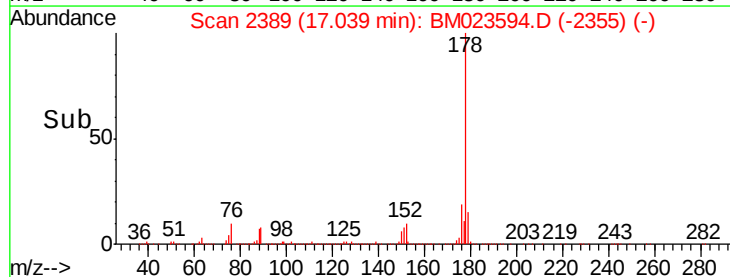
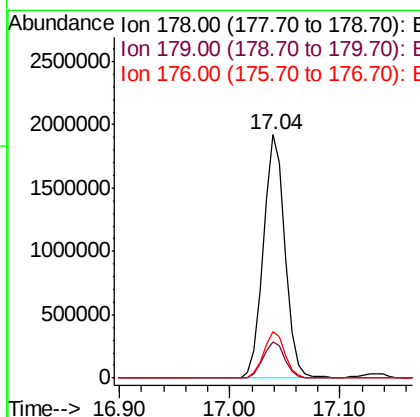
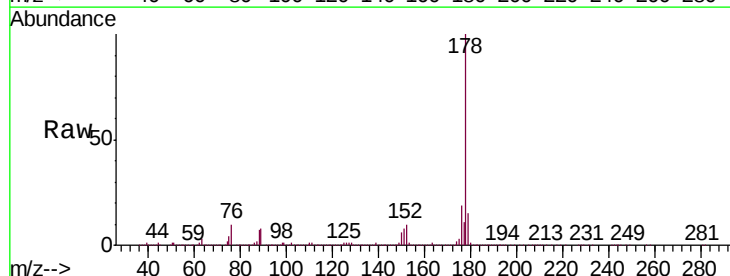
Manual Integrations
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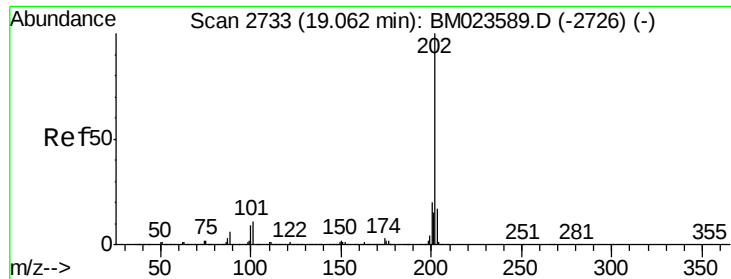
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#70
Phenanthrene
 Concen: 21.419 ng/ul
 RT: 17.04 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM023594.D
 Acq: 05 Nov 2019 00:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	19.2	14.9	22.3





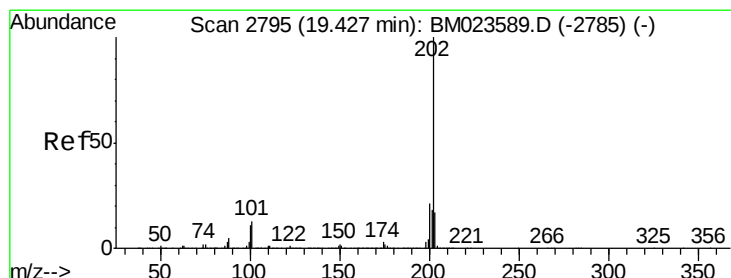
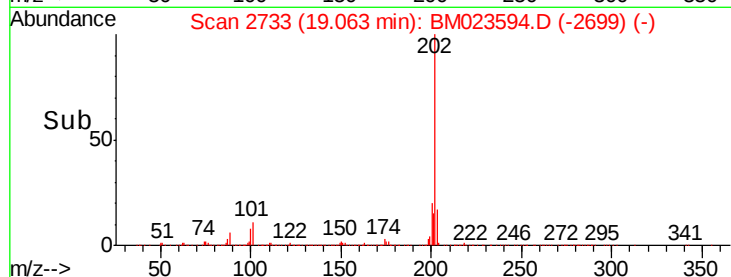
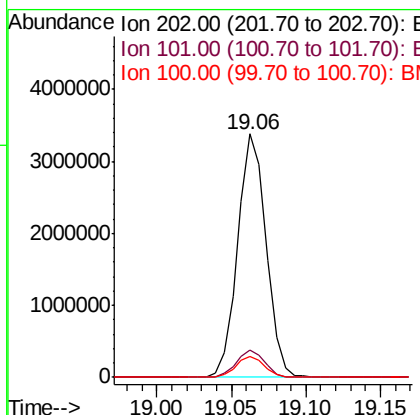
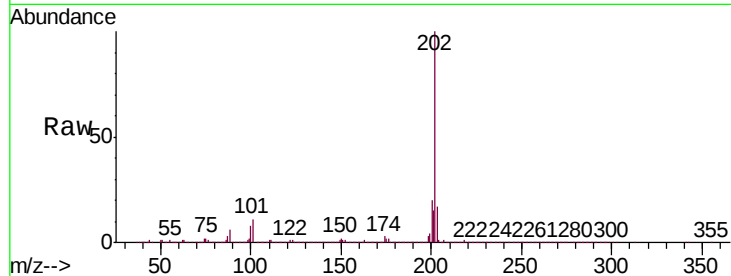
#77
 Fluoranthene
 Concen: 34.857 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM023594.D
 Acq: 05 Nov 2019 00:09

Instrument :
 BNA_M
 ClientSampleId :
 BFB94

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.1	12.1
100	8.4	6.2	9.2

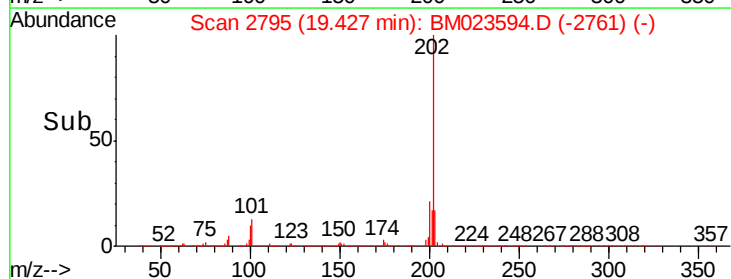
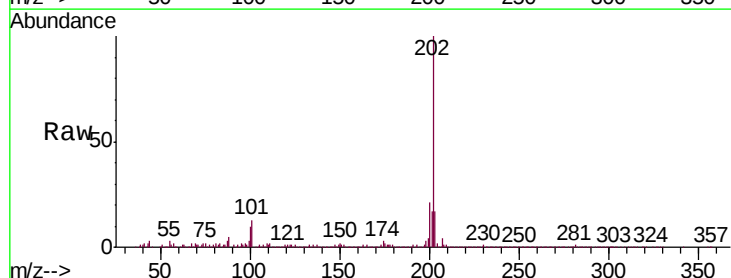
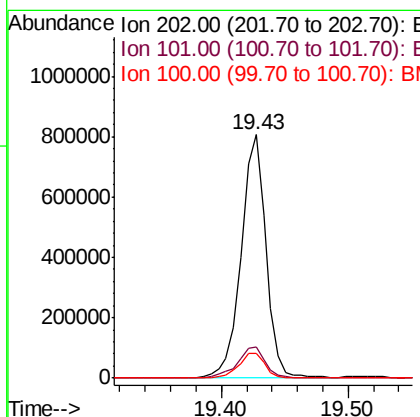
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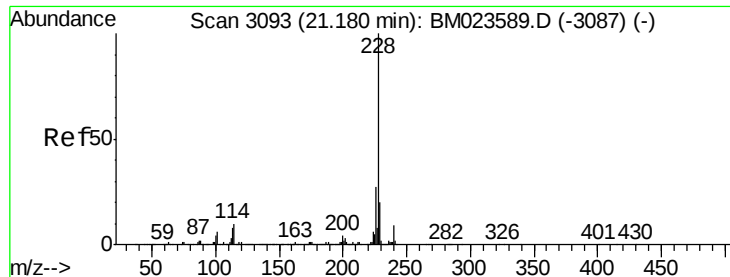
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#80
 Pyrene
 Concen: 7.104 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM023594.D
 Acq: 05 Nov 2019 00:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.0	15.0
100	10.3	8.3	12.5





#83

Benzo(a)anthracene

Concen: 5.801 ng/ul

RT: 21.18 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BM023594.D

Acq: 05 Nov 2019 00:09

Instrument :

BNA_M

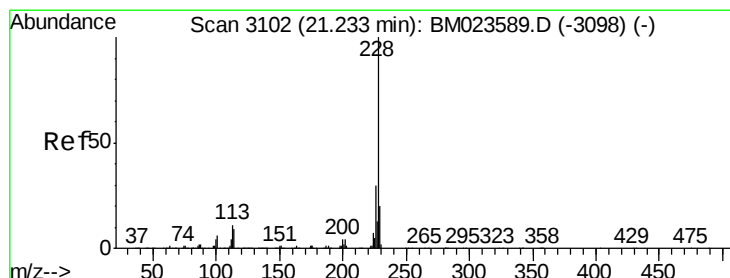
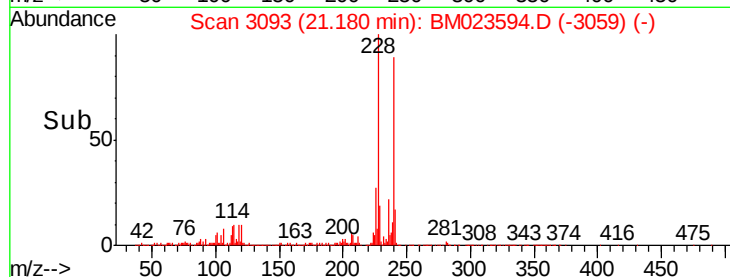
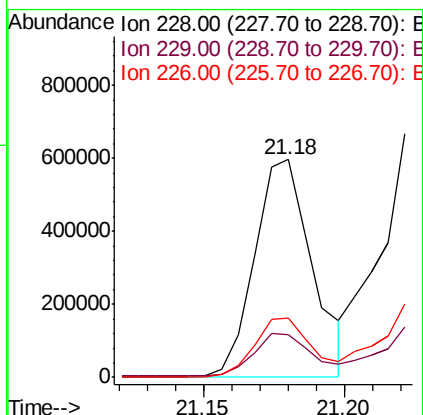
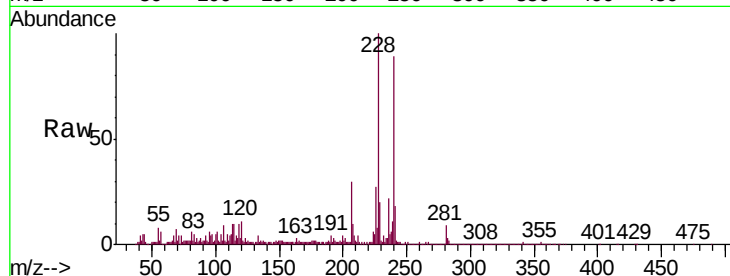
ClientSampled :

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Tgt Ion:	228	Resp:	835889
Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	27.0	21.6	32.4

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#85

Chrysene

Concen: 11.074 ng/ul

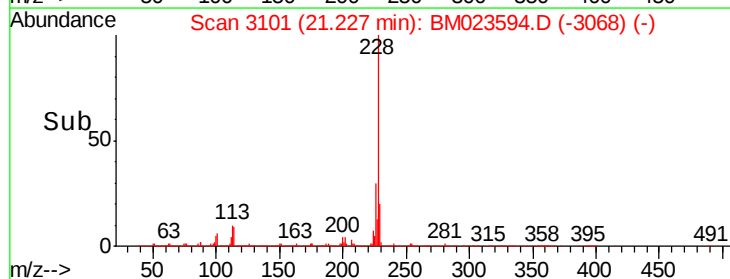
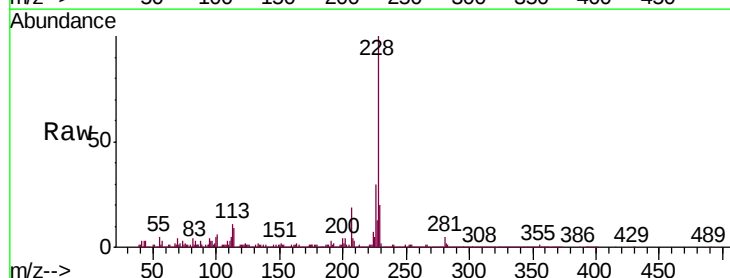
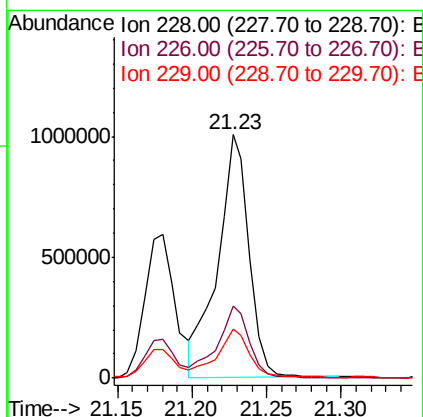
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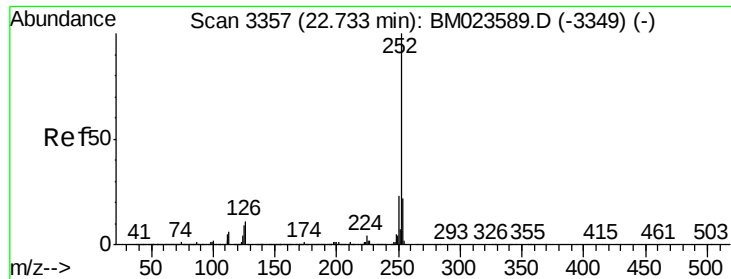
Delta R.T. -0.01 min

Lab File: BM023594.D

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Tgt Ion:	228	Resp:	1472474
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	20.0	16.0	24.0





#88

Benzo(b)fluoranthene

Concen: 4.592 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM023594.D

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Instrument :

BNA_M

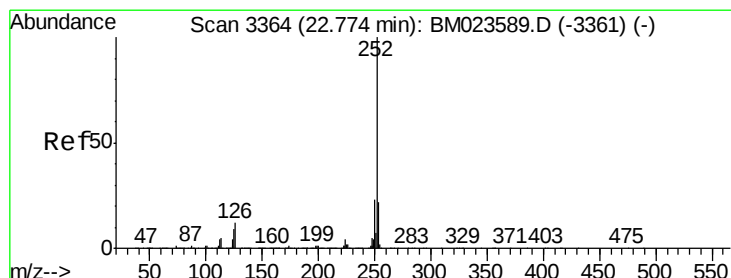
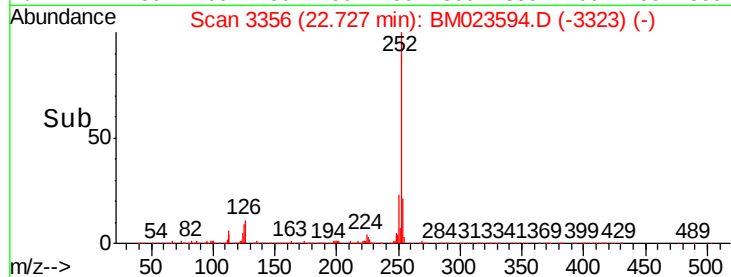
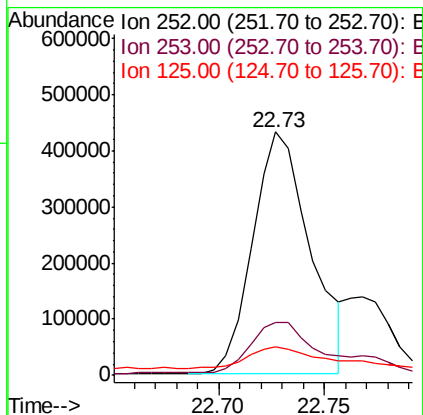
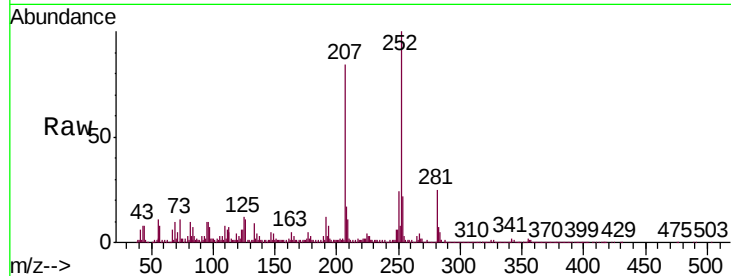
ClientSampled :

BFB94

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	11.8	7.1	10.7

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#89

Benzo(k)fluoranthene

Concen: 1.269 ng/ul m

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM023594.D

Acq: 05 Nov 2019 00:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.8	26.6
125	18.5	6.8	10.2

