

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
 Data File : BM023106.D
 Acq On : 10 Oct 2019 05:54
 Operator : JU
 Sample : K5177-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BEPC9

Manual Integrations
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Quant Time: Oct 10 07:06:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 08 15:02:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	173984	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	694856	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	389206	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.15	188	751397	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	762095	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	902189	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	13067	3.25	ng/uL	0.00
5) Phenol-d5	6.94	99	224248	14.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	142806	16.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	201848	16.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	120853	9.60	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	97316	18.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	104075	17.77	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	186008	15.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	192681	13.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	543115	17.98	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	649987	18.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	57289	9.60	ng/ul	0.00
58) Fluorene-d10	15.40	176	467984	18.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	43837	8.96	ng/ul	0.00
71) Anthracene-d10	17.25	188	687682	18.74	ng/ul	0.00
79) Pyrene-d10	19.54	212	824606	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	948768	20.33	ng/ul	-0.01

Target Compounds				Ovalue		
6) Phenol	6.96	94	35453	2.200	ng/ul	96
45) Dimethylphthalate	13.86	163	181095	5.836	ng/ul	100
70) Phenanthrene	17.19	178	777595	17.340	ng/ul	99
72) Anthracene	17.28	178	122793	2.687	ng/ul	100
75) Carbazole	17.55	167	47520	1.170	ng/ul	96
77) Fluoranthene	19.20	202	1530852	30.352	ng/ul	100
80) Pyrene	19.57	202	1199486	22.203	ng/ul	99
83) Benzo(a)anthracene	21.31	228	521393	9.529	ng/ul	100
85) Chrysene	21.36	228	547503	10.853	ng/ul	98
88) Benzo(b)fluoranthene	22.90	252	752641	12.571	ng/ul	100
89) Benzo(k)fluoranthene	22.94	252	223457m	3.901	ng/ul	
91) Benzo(a)pyrene	23.48	252	489469	8.714	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.85	276	362364	6.074	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.85	278	81160	1.626	ng/ul#	84
94) Benzo(g,h,i)perylene	26.54	276	324461	6.741	ng/ul	99

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

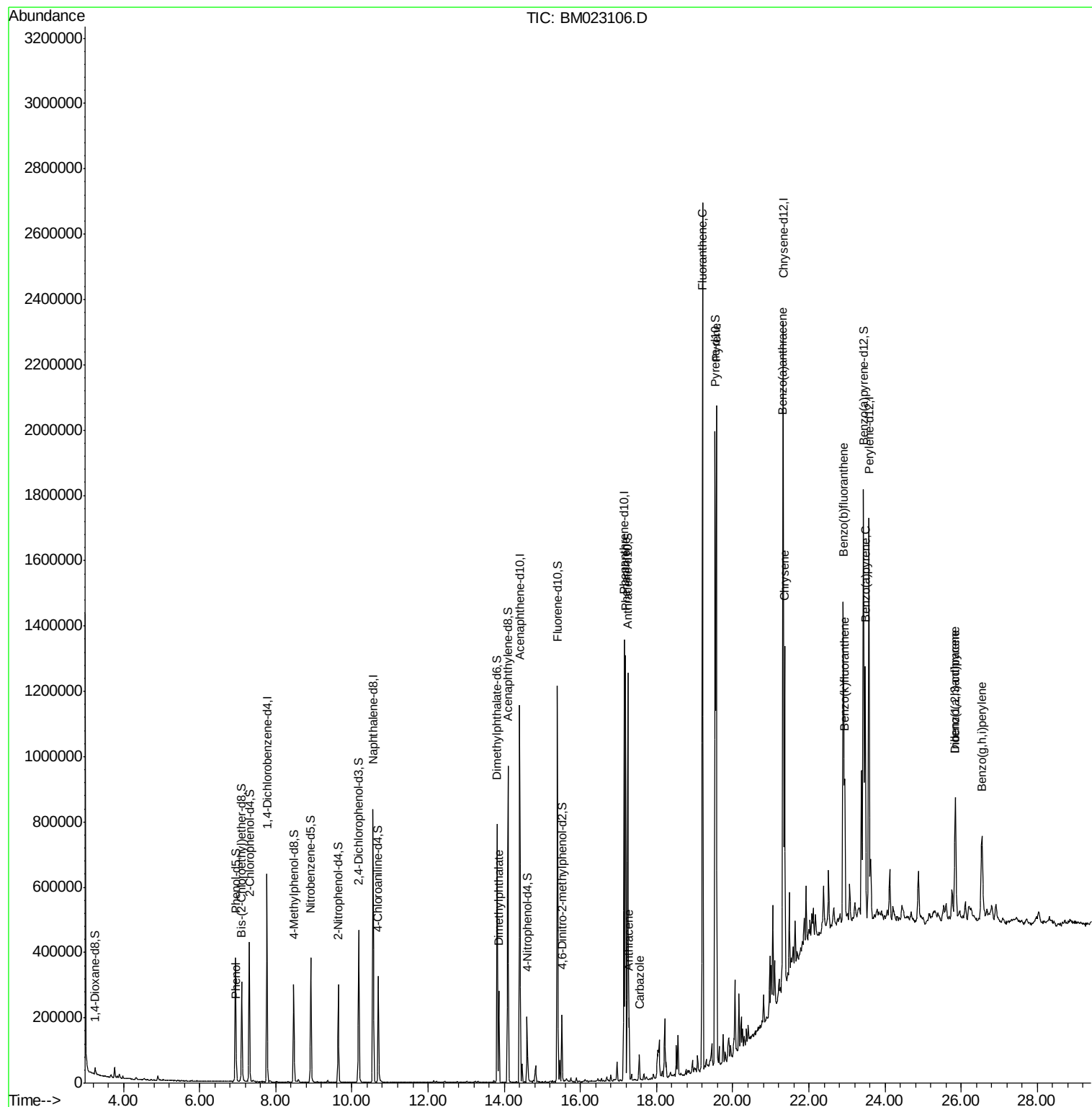
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100819\
Data File : BM023106.D
Acq On : 10 Oct 2019 05:54
Operator : JU
Sample : K5177-22
Misc :
ALS Vial : 23 Sample Multiplier: 1

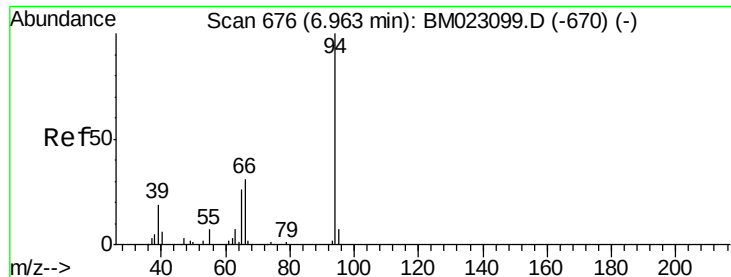
Instrument :
BNA_M
ClientSampleId :
BEPC9

Quant Time: Oct 10 07:06:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

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#6

Phenol

Concen: 2.200 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

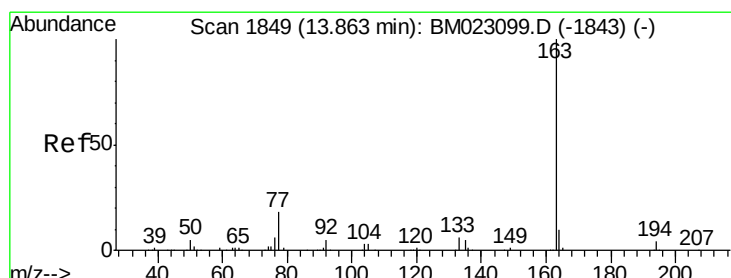
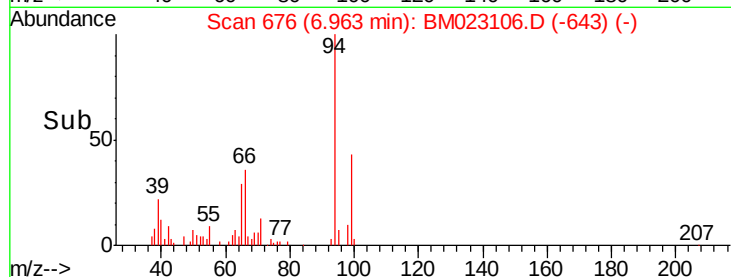
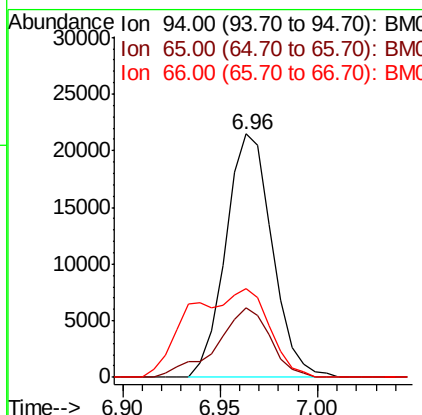
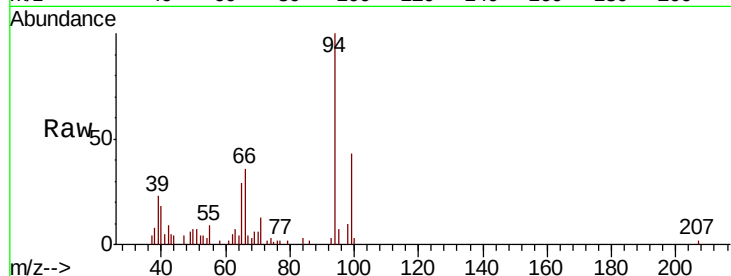
ClientSampled :

BEPC9

Tot Ion:	94	Resp:	35453
Ion	Ratio	Lower	Upper
94	100		
65	28.5	20.9	31.3
66	36.4	27.2	40.8

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#45

Dimethylphthalate

Concen: 5.836 ng/ul

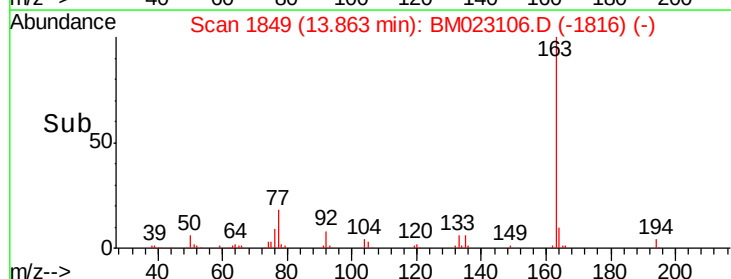
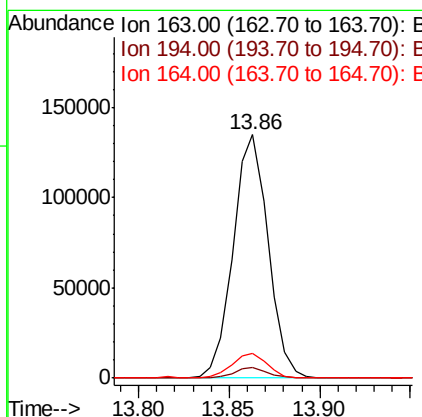
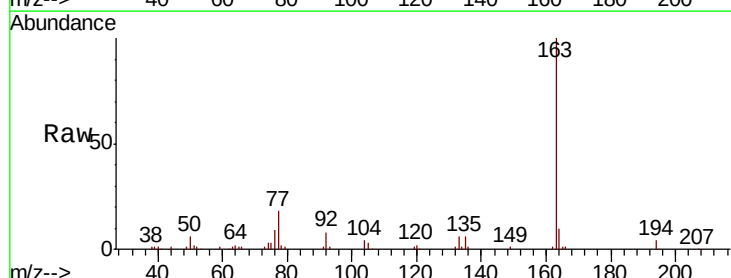
RT: 13.86 min Scan# 1849

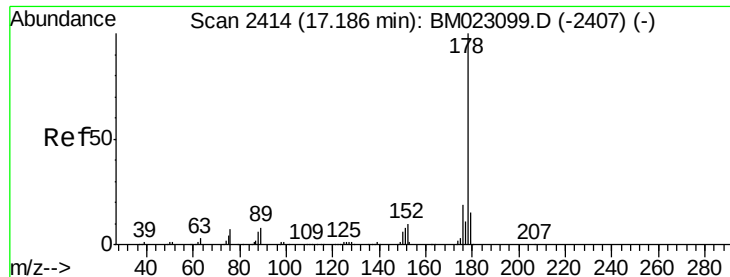
Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Tgt Ion:	163	Resp:	181095
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.1	12.1





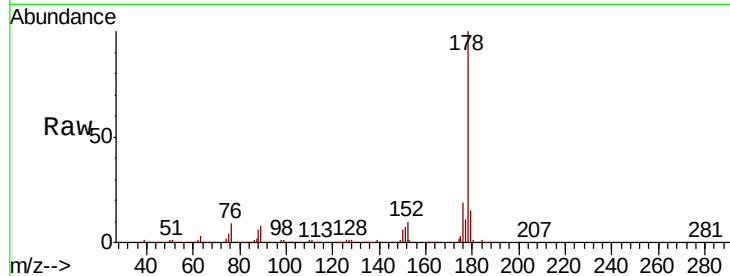
#70
Phenanthrene
Concen: 17.340 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Instrument :
BNA_M
ClientSampleId :
BEPC9

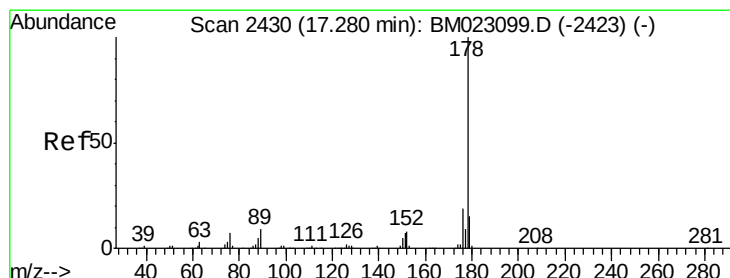
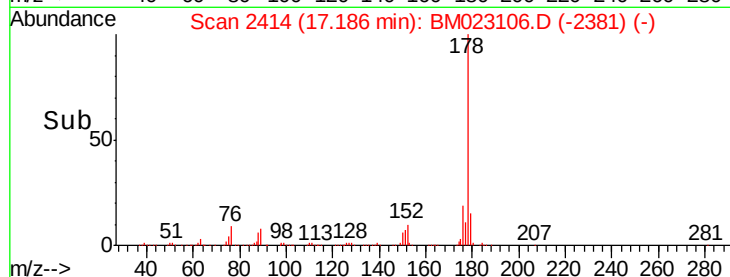
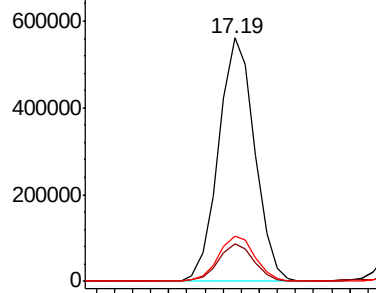
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.8	15.3	22.9

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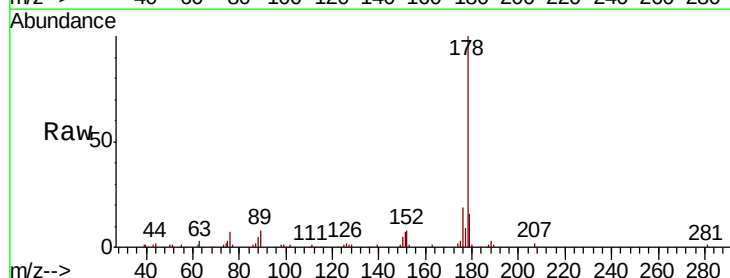


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

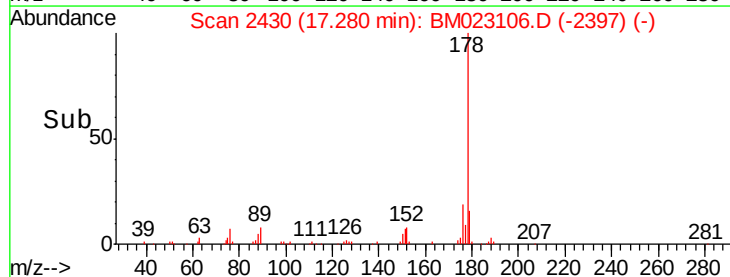
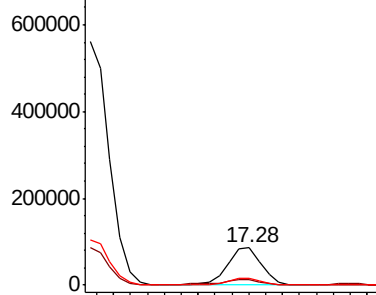


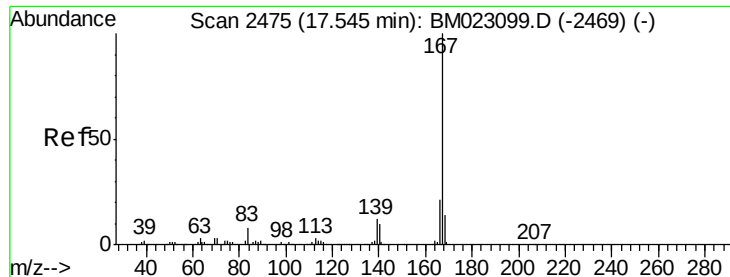
#72
Anthracene
Concen: 2.687 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.9	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





#75

Carbazole

Concen: 1.170 ng/ul

RT: 17.55 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

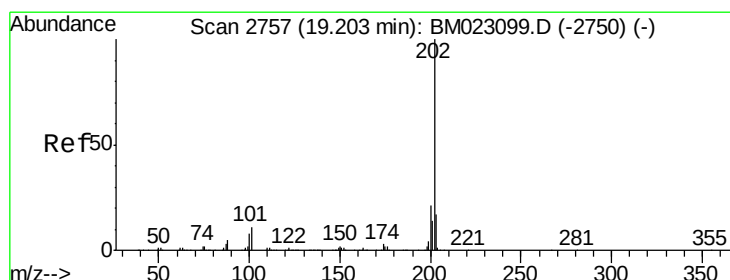
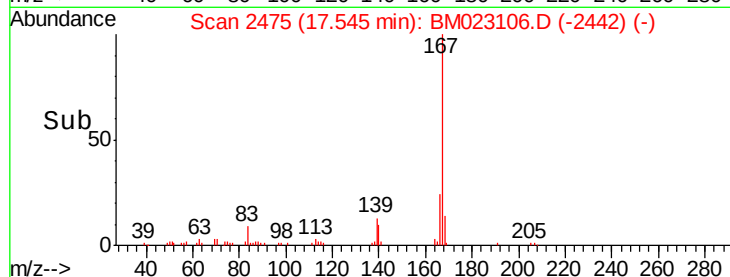
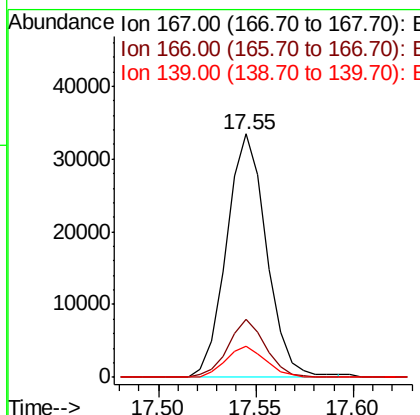
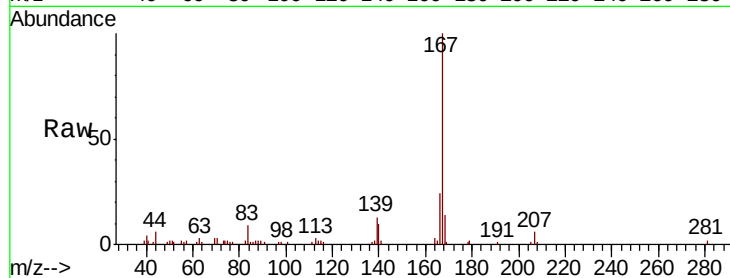
ClientSampleId :

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Tot Ion:	167	Resp:	47520
Ion Ratio	Lower	Upper	
167	100		
166	23.9	17.1	25.7
139	13.0	9.9	14.9

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#77

Fluoranthene

Concen: 30.352 ng/ul

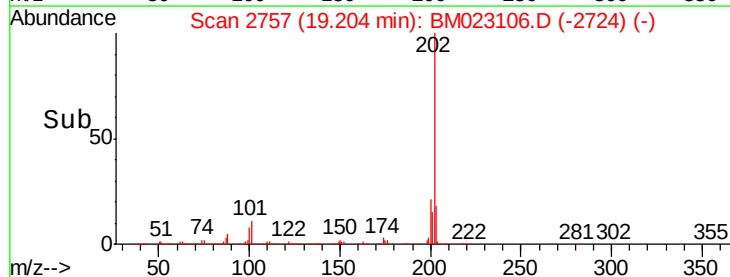
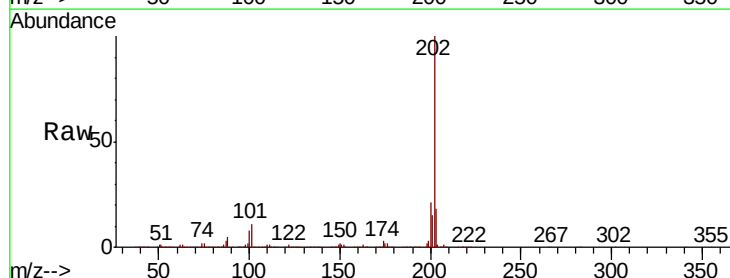
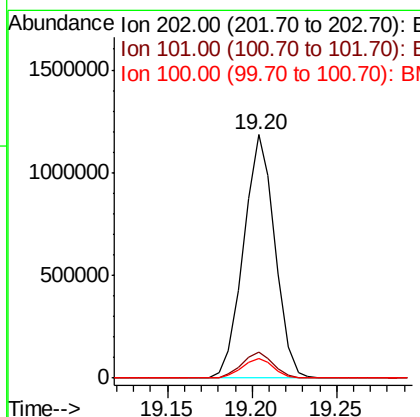
RT: 19.20 min Scan# 2757

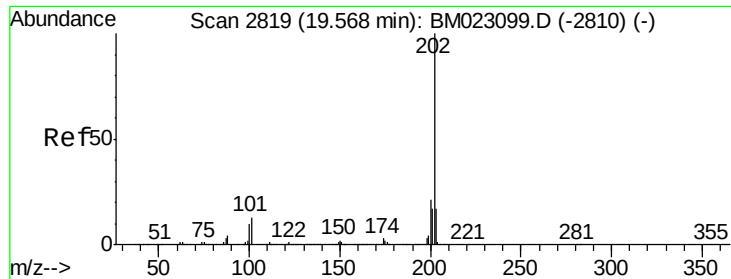
Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Tgt Ion:	202	Resp:	1530852
Ion Ratio	Lower	Upper	
202	100		
101	10.8	8.6	12.8
100	8.2	6.4	9.6





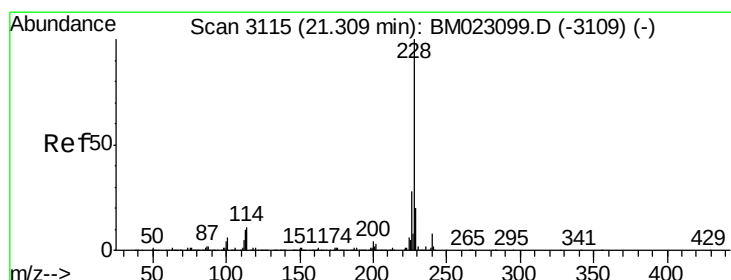
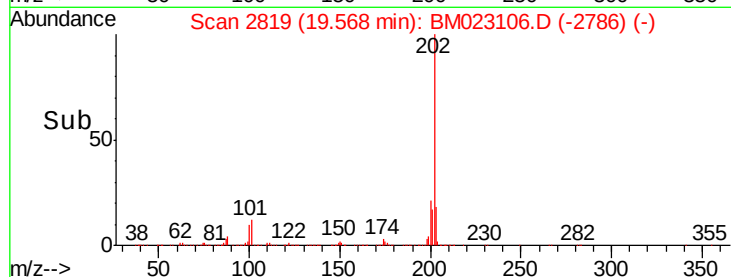
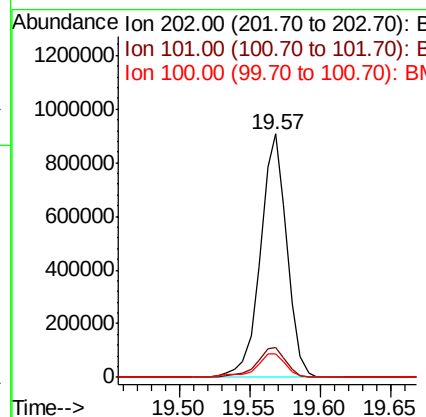
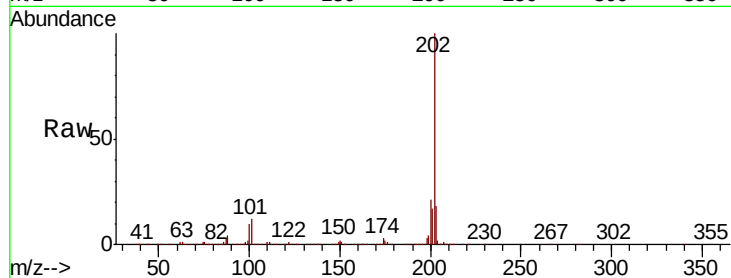
#80
Pvrene
Concen: 22.203 ng/ul
RT: 19.57 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Instrument :
BNA_M
ClientSampleId :
BEPC9

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.8	7.8	11.8

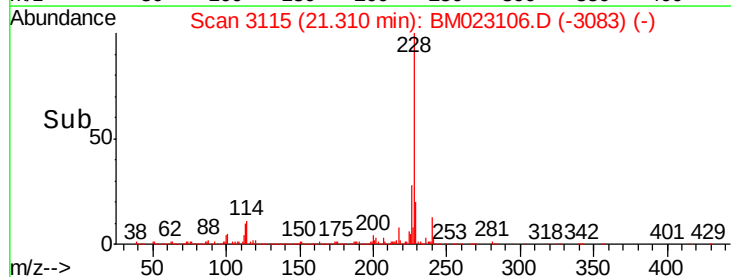
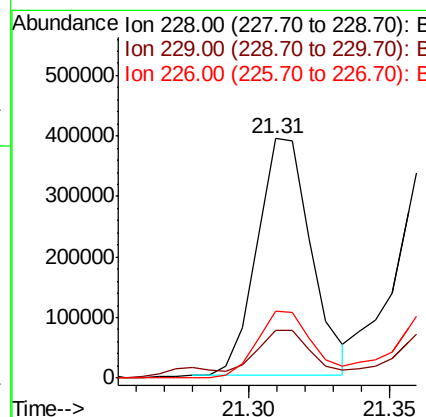
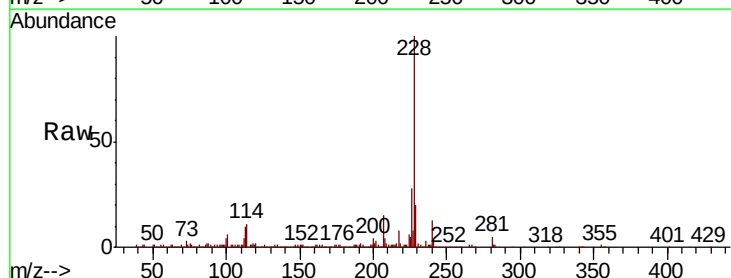
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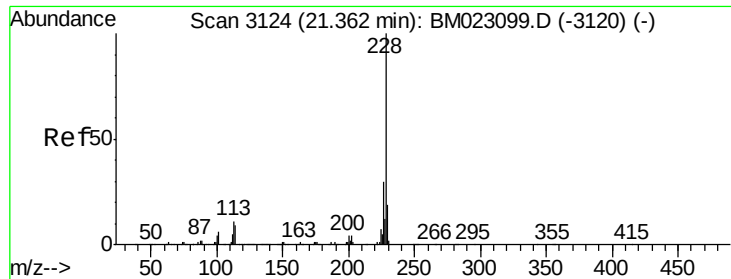
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#83
Benzo(a)anthracene
Concen: 9.529 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.8
226	27.9	22.4	33.6





#85

Chrysene

Concen: 10.853 ng/ul

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

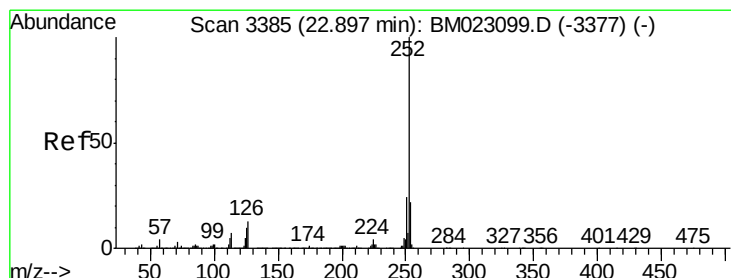
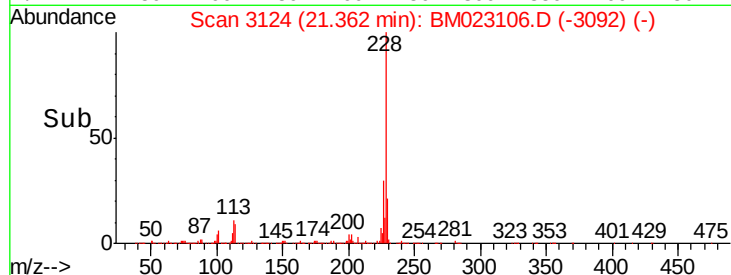
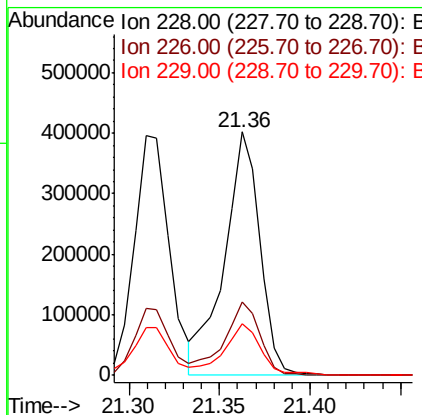
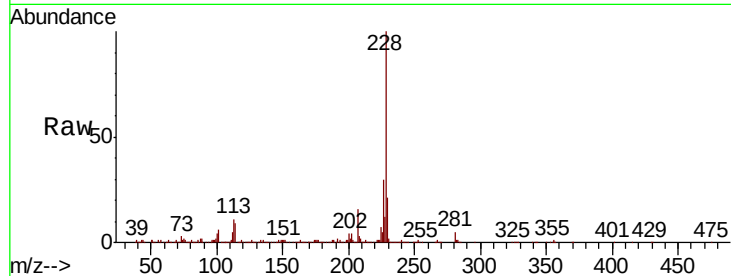
ClientSampleId :

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Tot Ion:	228	Resp:	547503
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.2	36.4
229	21.3	15.9	23.9

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#88

Benzo(b)fluoranthene

Concen: 12.571 ng/ul

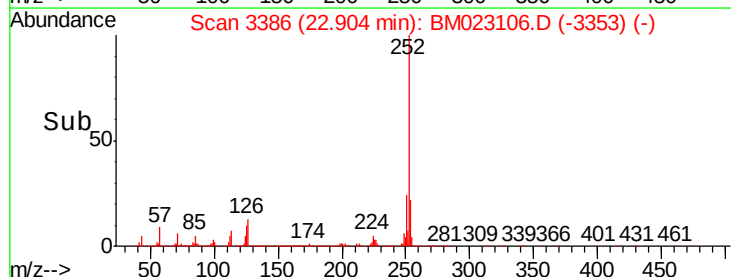
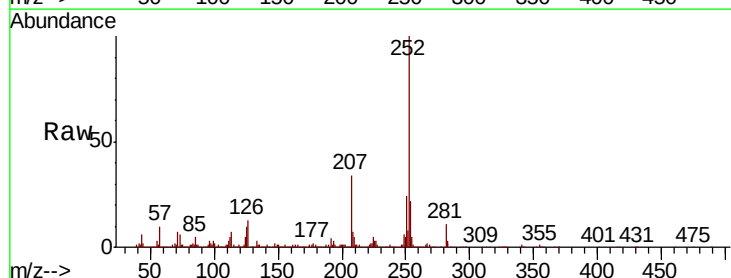
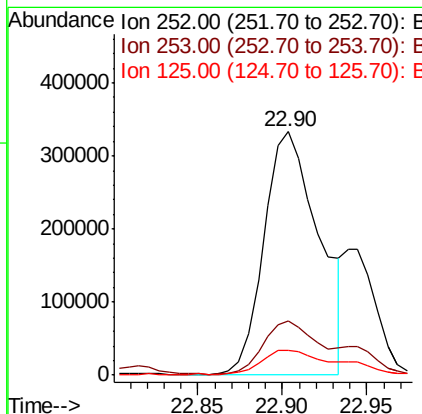
RT: 22.90 min Scan# 3386

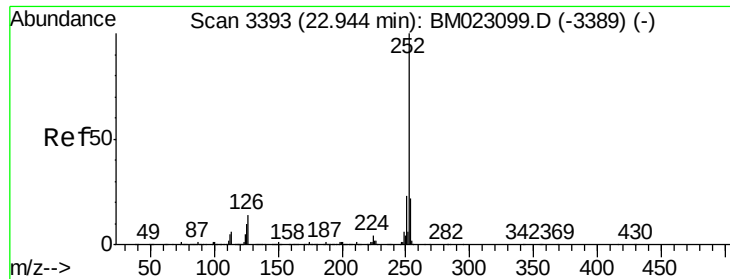
Delta R.T. -0.01 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Tgt Ion:	252	Resp:	752641
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	10.3	8.2	12.2





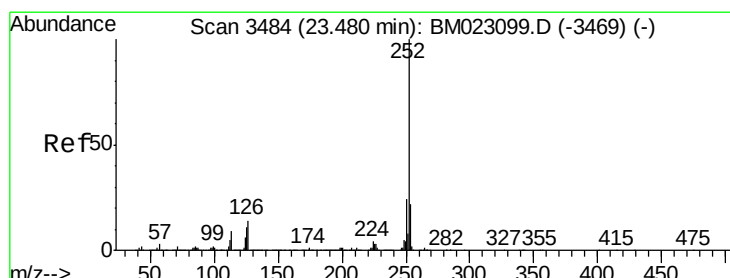
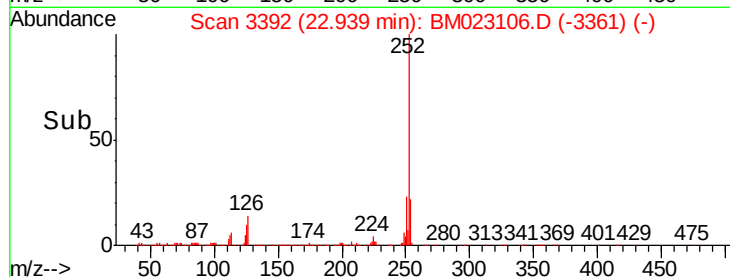
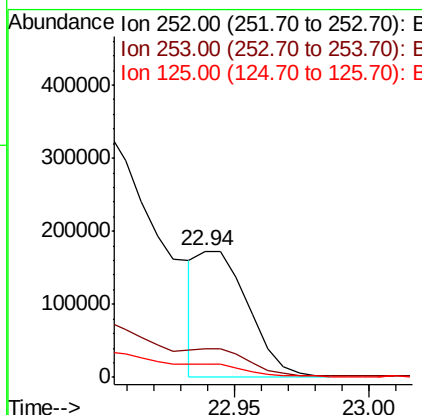
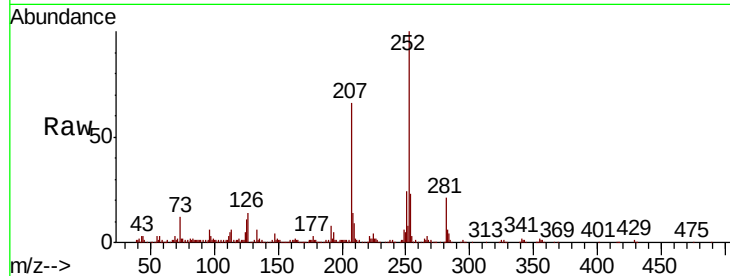
#89
Benzo(k)fluoranthene
Concen: 3.901 ng/ul m
RT: 22.94 min Scan# 3392
Delta R.T. -0.02 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Instrument :
BNA_M
ClientSampled :
BEPC9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	10.8	7.9	11.9

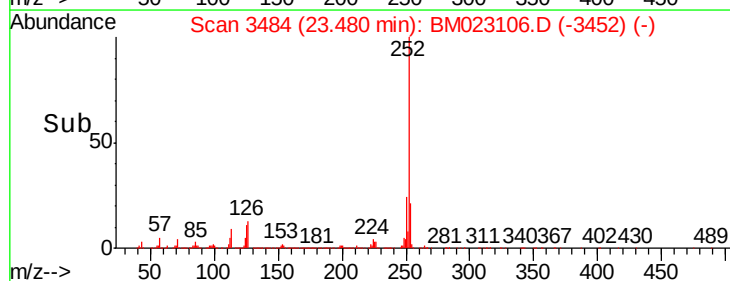
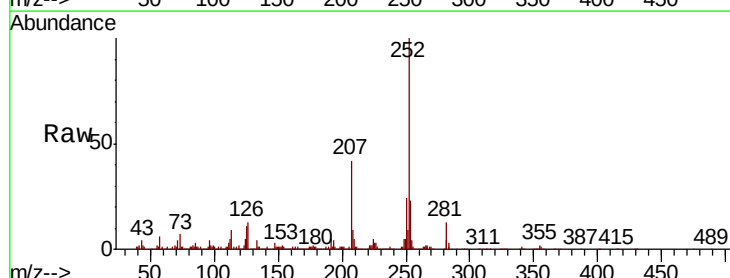
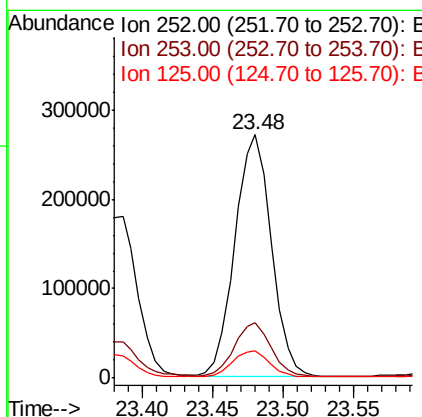
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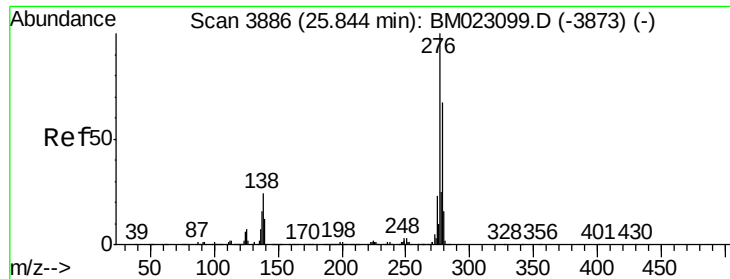
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#91
Benzo(a)pyrene
Concen: 8.714 ng/ul
RT: 23.48 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.2	8.7	13.1





#92

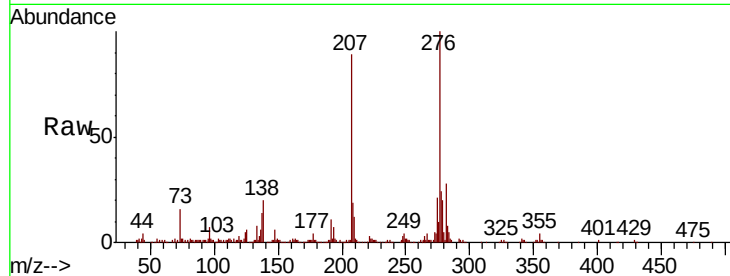
Indeno(1,2,3-cd)pyrene
Concen: 6.074 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.02 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.8	29.8#
277	23.7	20.3	30.5

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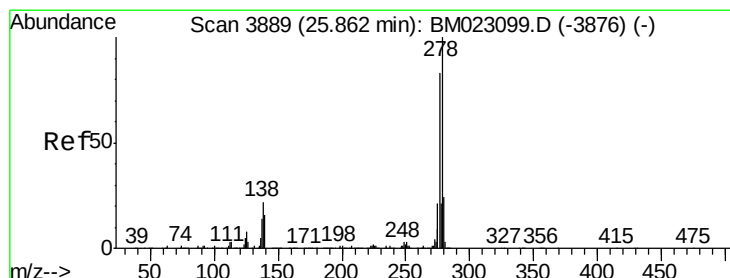
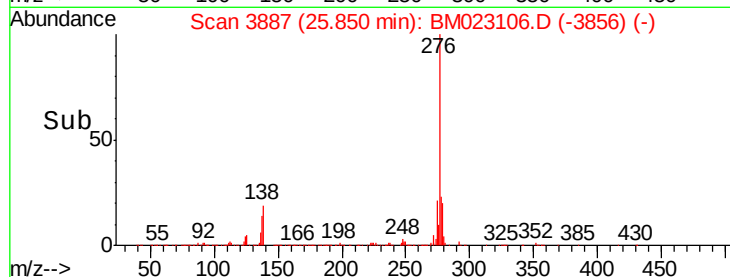
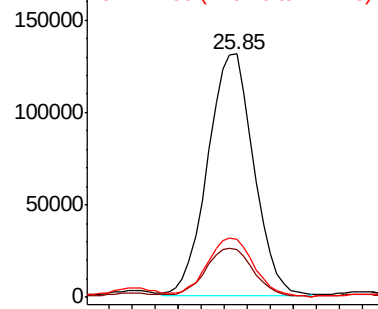


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

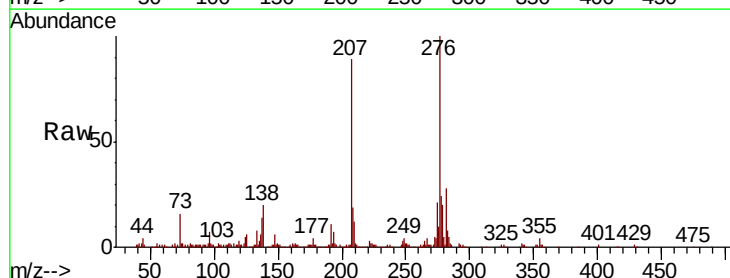
Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene
Concen: 1.626 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.03 min
Lab File: BM023106.D
Acq: 10 Oct 2019 05:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.2	19.8#
279	24.3	19.0	28.6

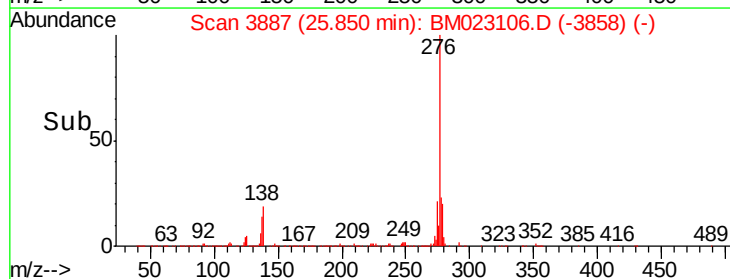
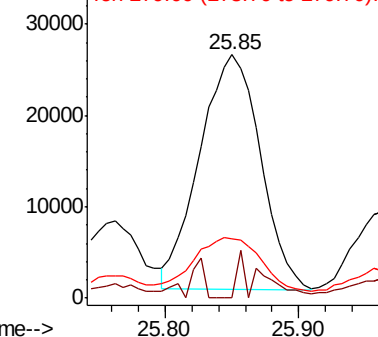


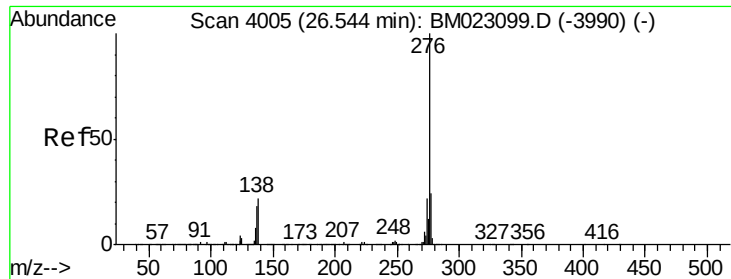
Abundance

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





#94

Benzo(a,h,i)perylene

Concen: 6.741 ng/ul

RT: 26.54 min Scan# 4005

Delta R.T. -0.02 min

Lab File: BM023106.D

Acq: 10 Oct 2019 05:54

Instrument :

BNA_M

ClientSampleId :

BEPC9

Tot Ion:	276	Resp:	324461
Ion Ratio	Lower	Upper	
276	100		
138	21.5	17.6	26.4
277	24.5	19.1	28.7

Manual Integrations
APPROVED

mohammad
10/11/2019 8:28:49 AM

