

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
 Data File : BM020866.D
 Acq On : 11 Jun 2019 10:07
 Operator : HP/JU
 Sample : K3017-16DL 5X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51E9DL

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:31:46 AM

Quant Time: Jun 11 16:52:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	288970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1126551	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	627115	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1374686	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1295386	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1513472	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	5129	0.85	ng/uL	0.00
5) Phenol-d5	6.97	99	90530	4.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	57672	4.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	79457	4.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	72705	4.09	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	37537	4.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	37185	4.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	76021	4.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	19164	0.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	250267	5.40	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	289034	4.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	20089	2.52	ng/ul	0.00
57) Fluorene-d10	15.44	176	211248	5.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	7324	1.04	ng/ul	0.00
70) Anthracene-d10	17.29	188	313248	5.22	ng/ul	0.00
78) Pyrene-d10	19.59	212	329589	5.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	346929	5.04	ng/ul	0.00

Target Compounds

					Ovalue
44) Dimethylphthalate	13.90	163	88997	1.916 ng/ul	97
69) Phenanthrene	17.23	178	1275806	18.441 ng/ul	99
71) Anthracene	17.32	178	85993	1.213 ng/ul	98
74) Carbazole	17.60	167	217568	3.528 ng/ul	99
76) Fluoranthene	19.25	202	3875001	48.875 ng/ul	98
79) Pyrene	19.62	202	2893529	36.186 ng/ul	96
82) Benzo(a)anthracene	21.36	228	1058672	13.101 ng/ul	97
84) Chrysene	21.41	228	1779960	23.738 ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	2689141	30.543 ng/ul	99
88) Benzo(k)fluoranthene	23.01	252	947999m	11.265 ng/ul	
90) Benzo(a)pyrene	23.56	252	1422537	16.983 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.97	276	1409815	14.250 ng/ul#	95
92) Dibenzo(a,h)anthracene	25.98	278	310560	3.705 ng/ul#	92
93) Benzo(g,h,i)perylene	26.69	276	1234935	15.386 ng/ul	96

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

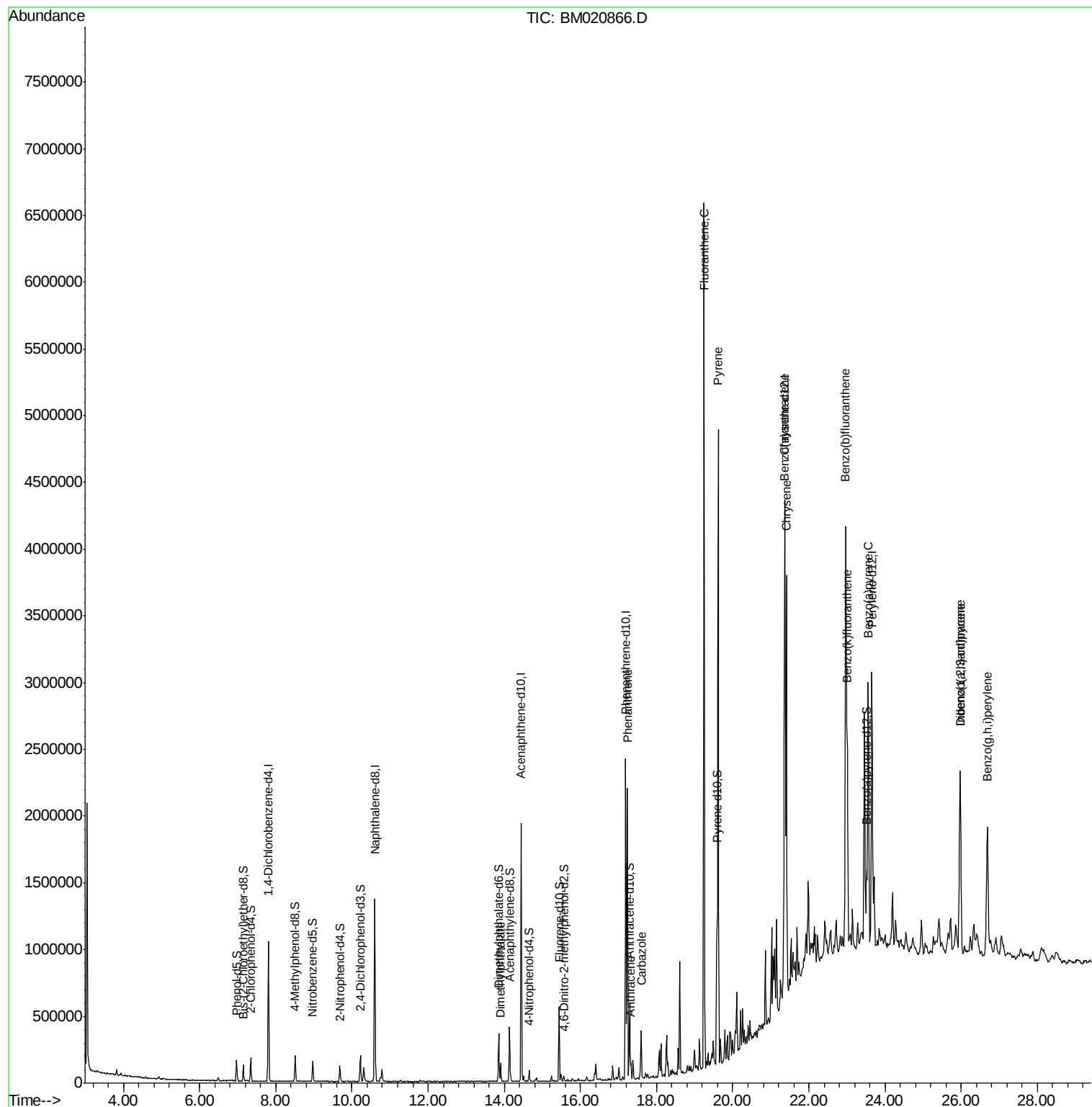
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061119\
Data File : BM020866.D
Acq On : 11 Jun 2019 10:07
Operator : HP/JU
Sample : K3017-16DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

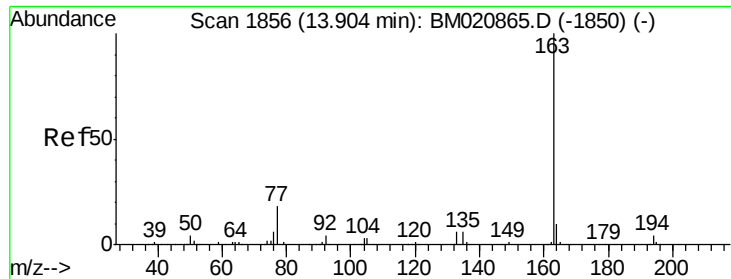
Instrument :
BNA_M
ClientSampled :
A51E9DL

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Quant Time: Jun 11 16:52:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.916 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM020866.D

Acq: 11 Jun 2019 10:07

Instrument :

BNA_M

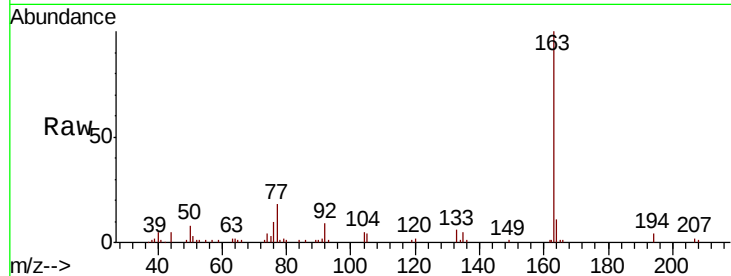
ClientSampleId :

A51E9DL

Tot Ion:	163	Resp:	88997
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.2	4.8
164	11.4	8.0	12.0

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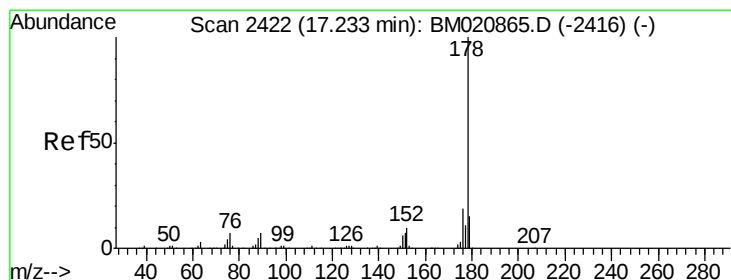
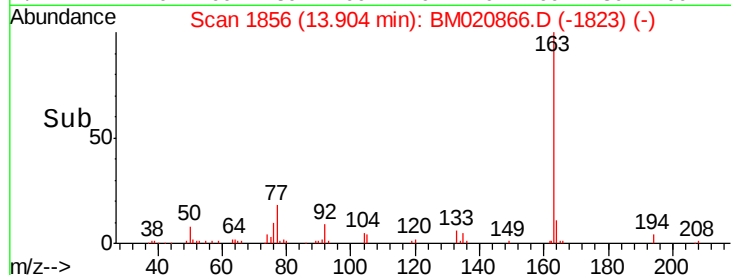
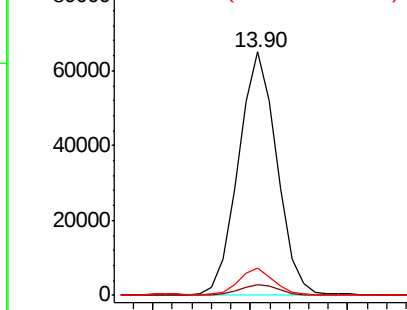


Abundance

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: 18.441 ng/ul

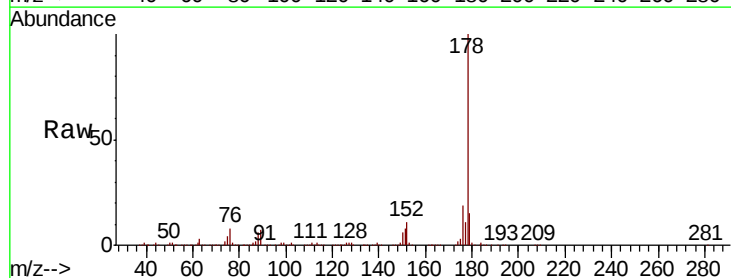
RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM020866.D

Acq: 11 Jun 2019 10:07

Tgt Ion:	178	Resp:	1275806
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.3	18.5
176	19.1	14.8	22.2

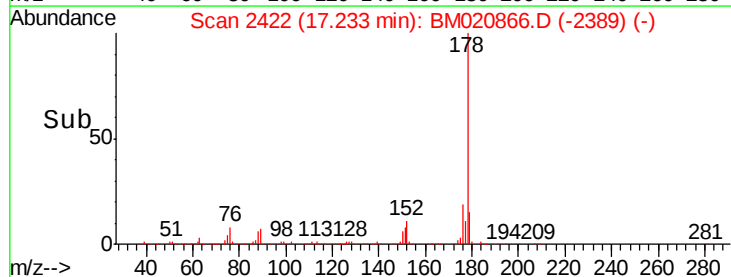
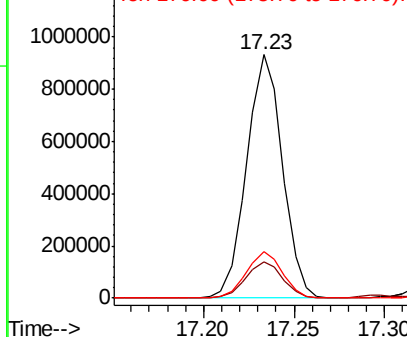


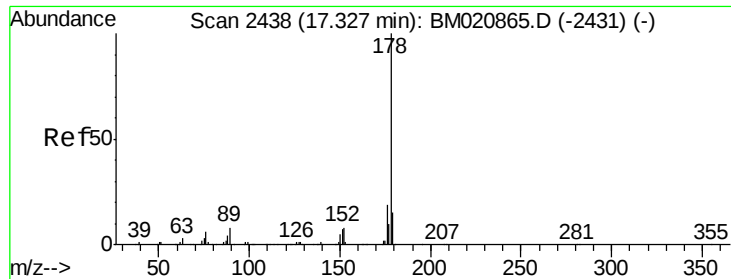
Abundance

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





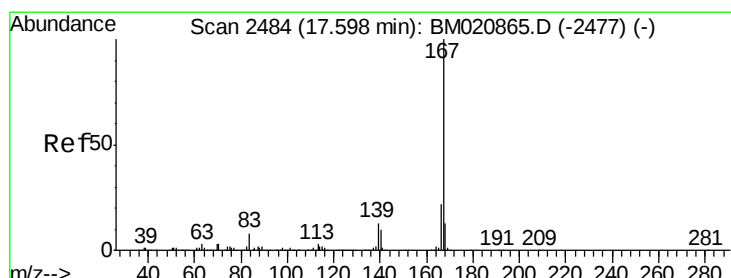
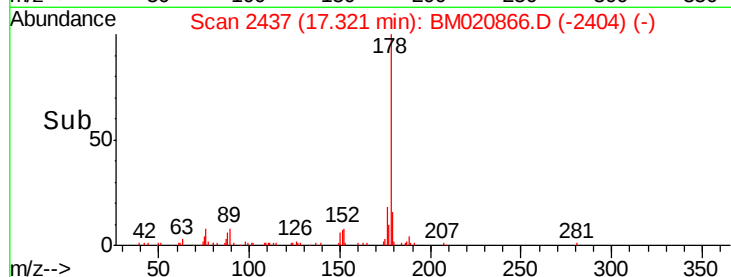
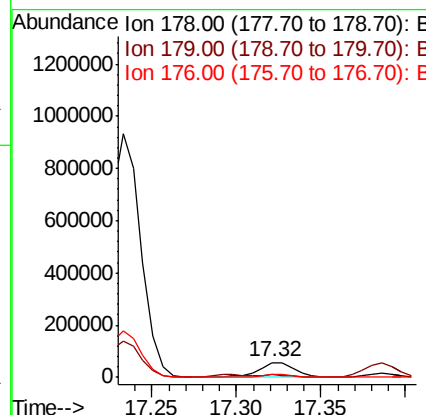
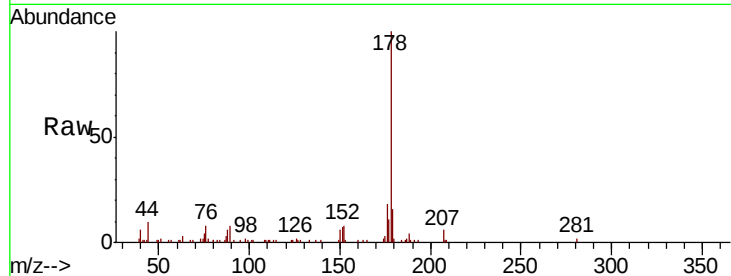
#71
 Anthracene
 Concen: 1.213 ng/ul
 RT: 17.32 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BM020866.D
 Acq: 11 Jun 2019 10:07

Instrument :
 BNA_M
 ClientSampleId :
 A51E9DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.1	18.1
176	18.3	14.9	22.3

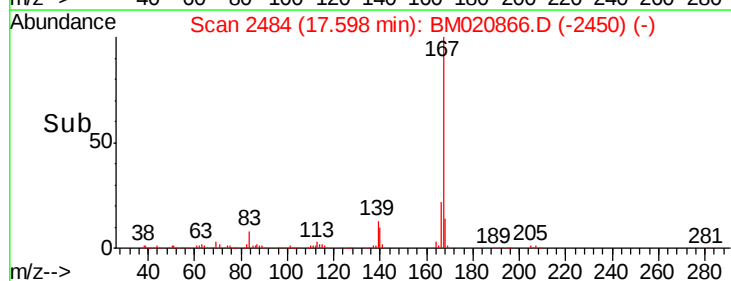
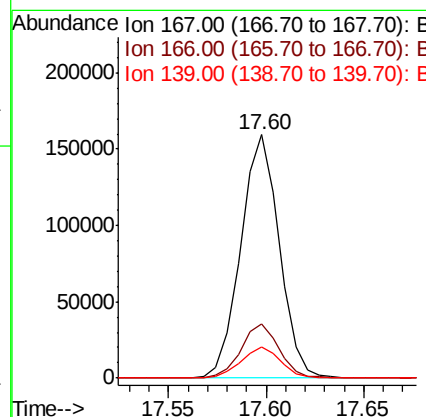
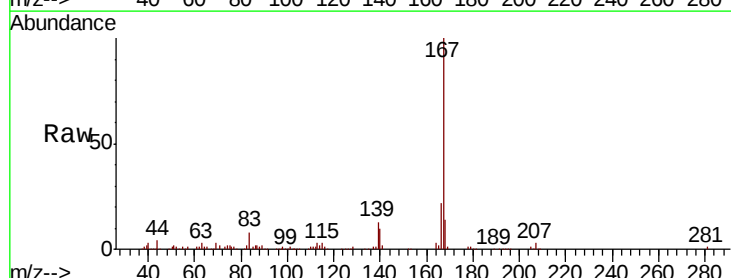
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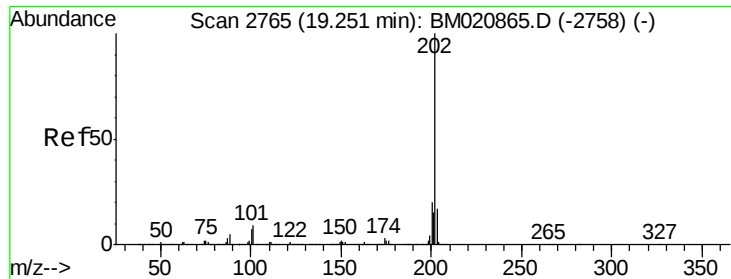
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#74
 Carbazole
 Concen: 3.528 ng/ul
 RT: 17.60 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BM020866.D
 Acq: 11 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.6
139	12.6	10.5	15.7





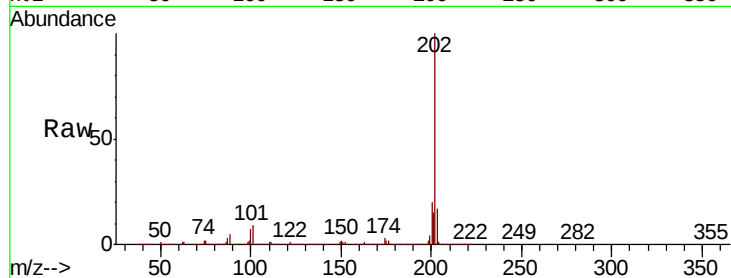
#76
Fluoranthene
Concen: 48.875 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Instrument :
BNA_M
ClientSampleId :
A51E9DL

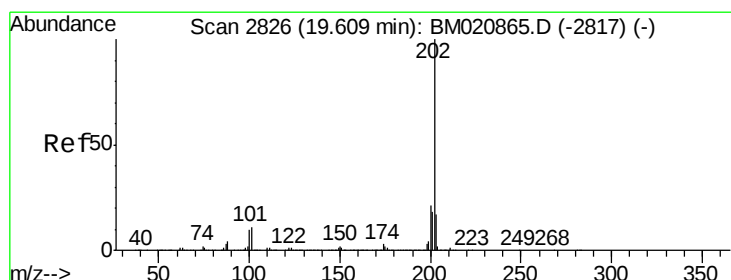
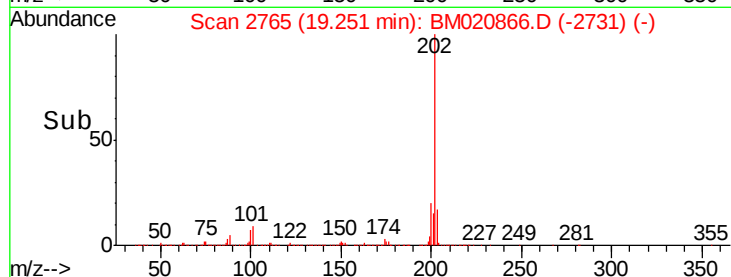
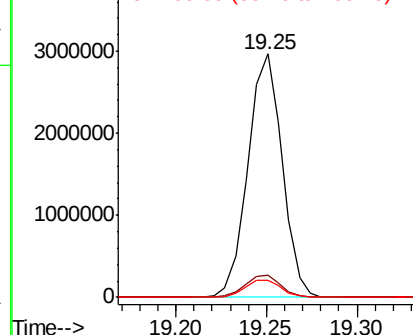
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.0	7.9	11.9		
100	6.9	6.2	9.4		

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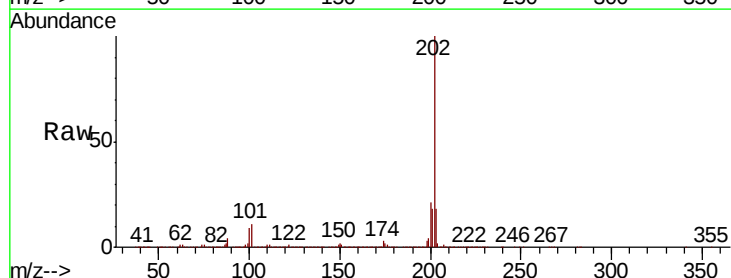


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

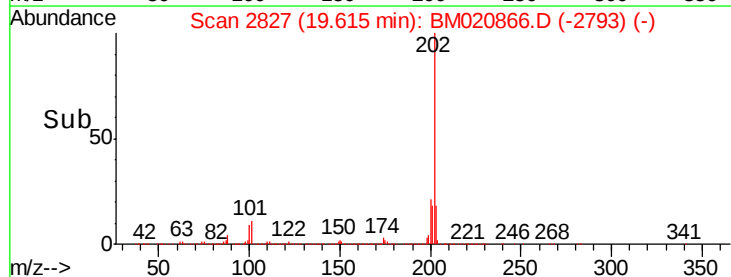
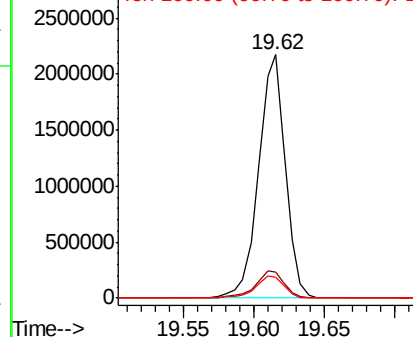


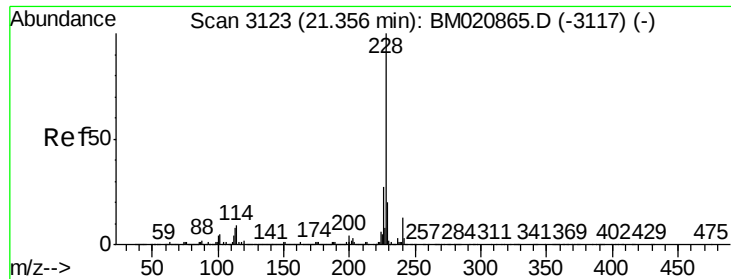
#79
Pyrene
Concen: 36.186 ng/ul
RT: 19.62 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	10.7	9.8	14.6		
100	8.8	8.0	12.0		



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





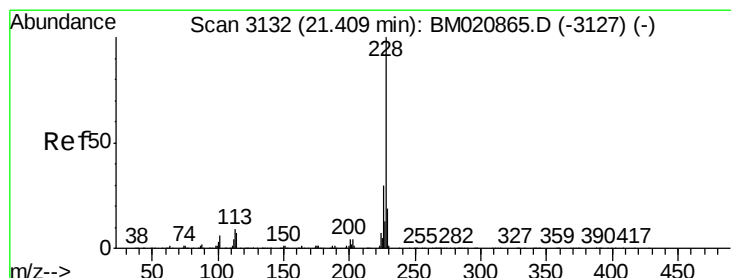
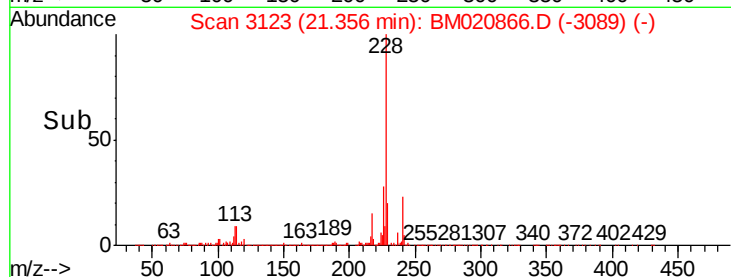
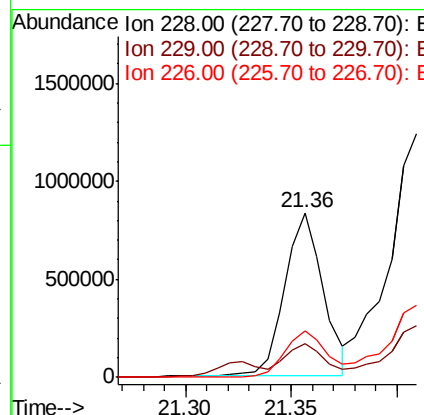
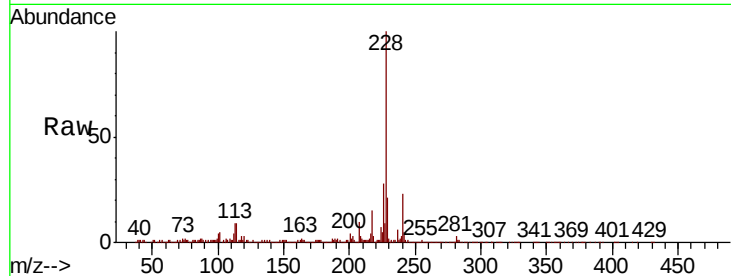
#82
Benzo(a)anthracene
Concen: 13.101 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Instrument :
BNA_M
ClientSampleId :
A51E9DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.5	21.4	32.2

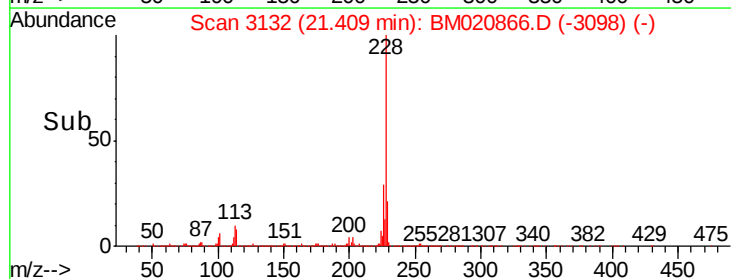
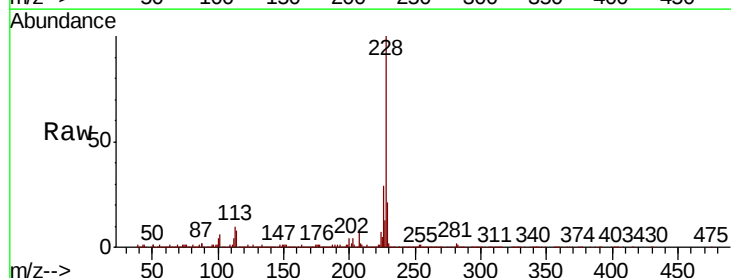
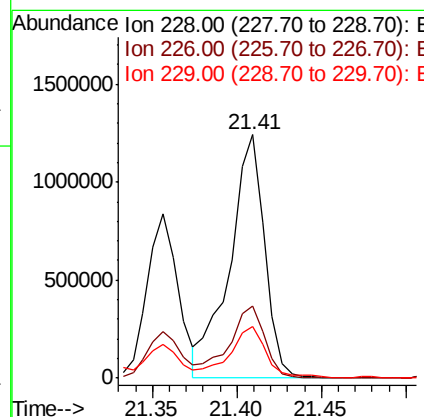
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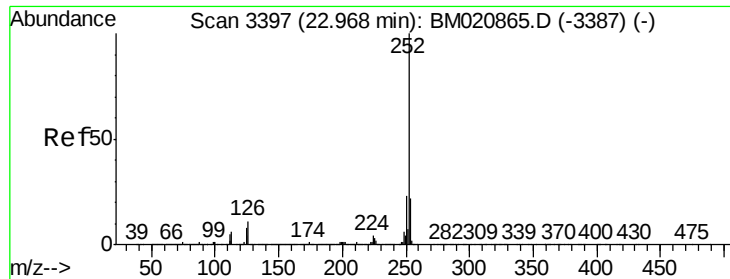
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#84
Chrysene
Concen: 23.738 ng/ul
RT: 21.41 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	21.3	16.2	24.2





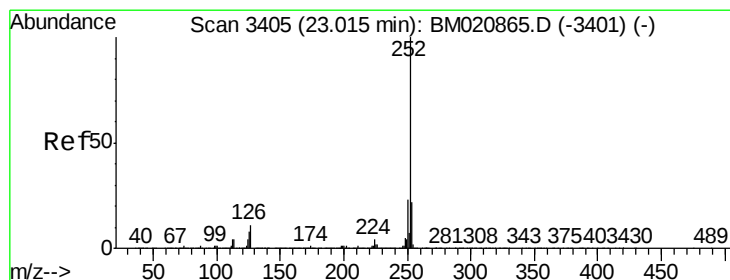
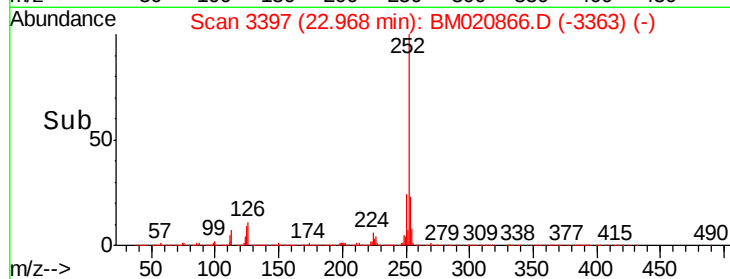
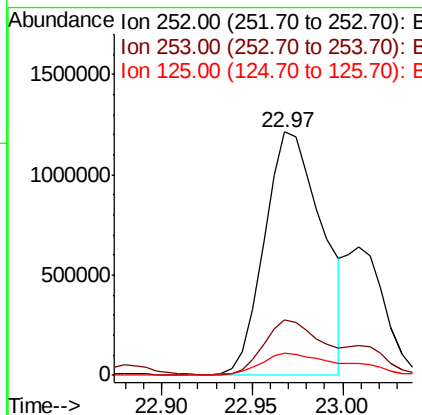
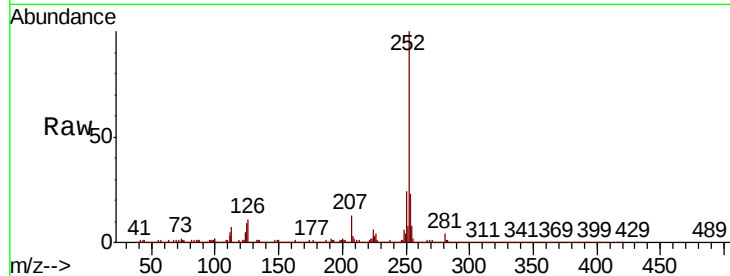
#87
Benzo(b)fluoranthene
Concen: 30.543 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Instrument :
BNA_M
ClientSampleId :
A51E9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	8.9	7.3	10.9

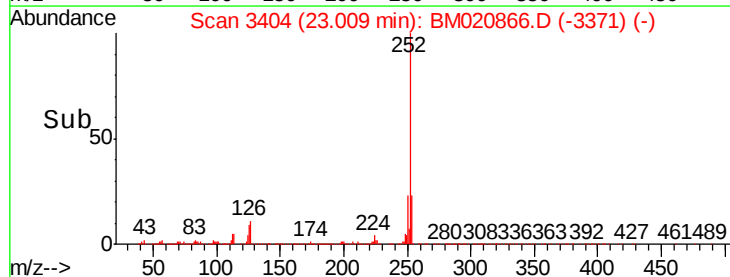
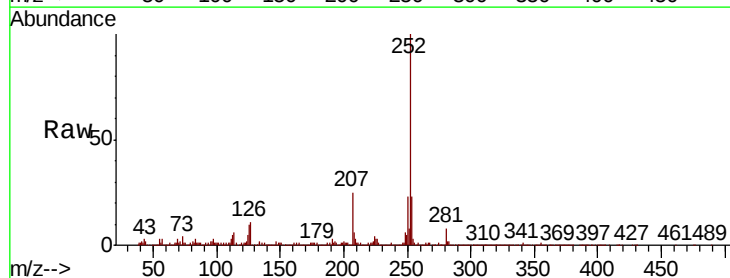
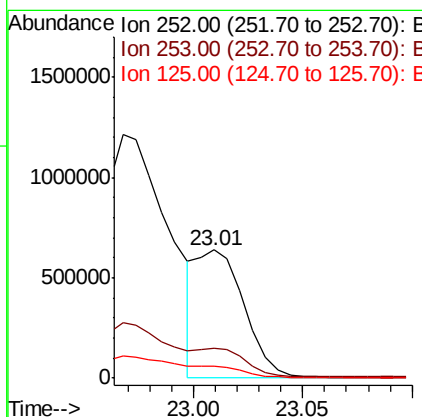
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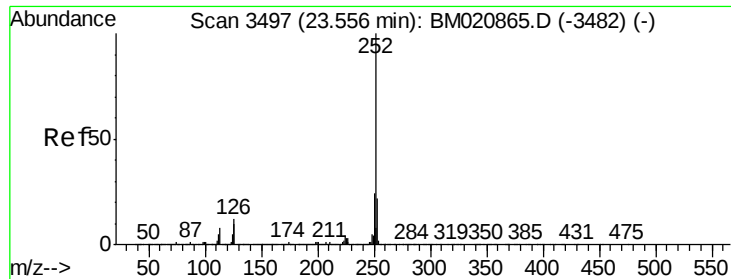
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#88
Benzo(k)fluoranthene
Concen: 11.265 ng/ul m
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	9.5	7.3	10.9





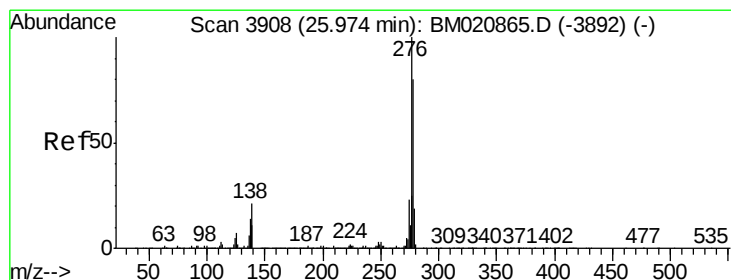
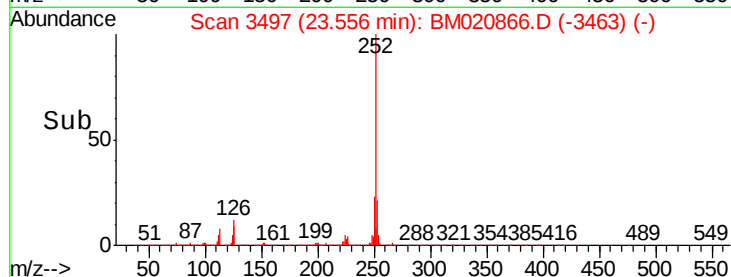
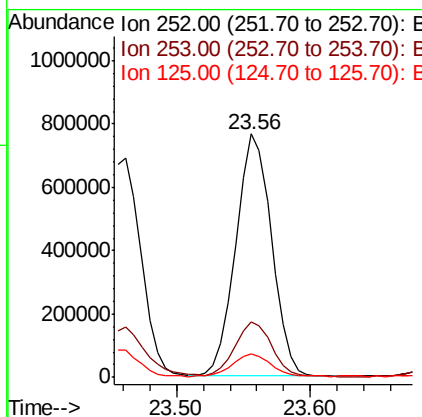
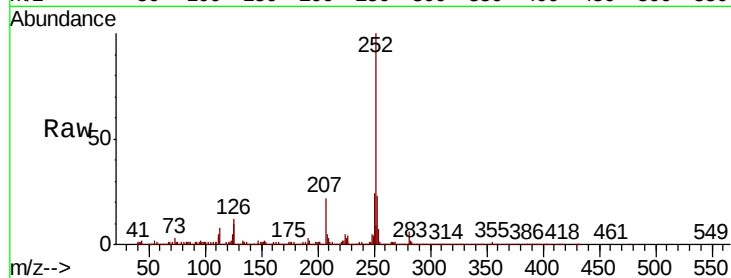
#90
Benzo(a)pyrene
Concen: 16.983 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Instrument :
BNA_M
ClientSampled :
A51E9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.6
125	9.5	8.2	12.4

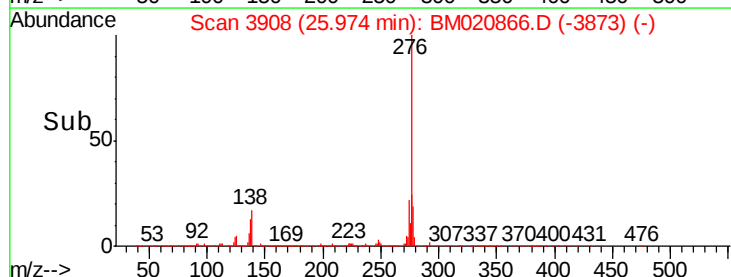
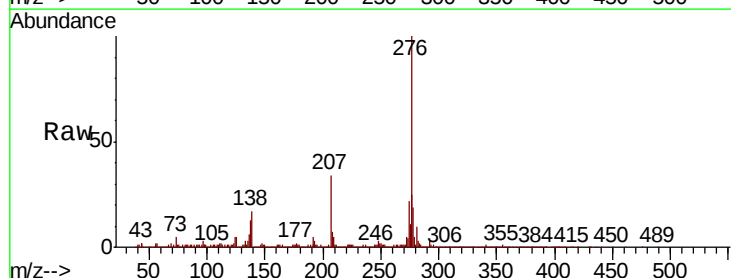
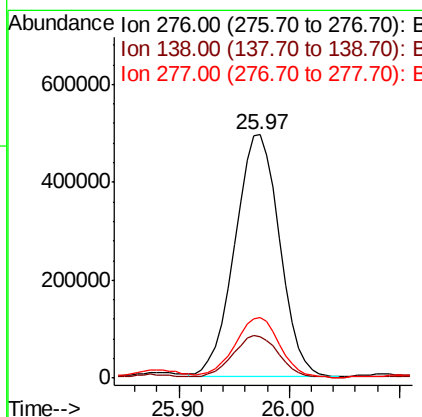
Manual Integrations
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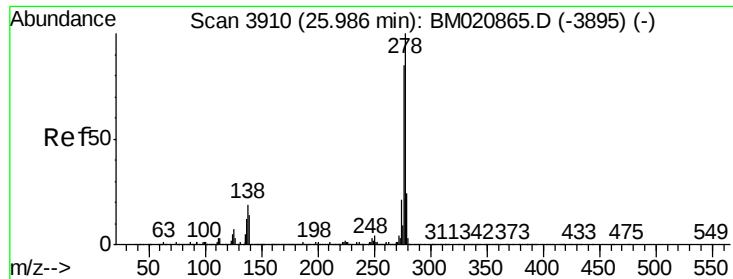
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#91
Indeno(1,2,3-cd)pyrene
Concen: 14.250 ng/ul
RT: 25.97 min Scan# 3908
Delta R.T. 0.01 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.8	26.8#
277	24.7	20.0	30.0





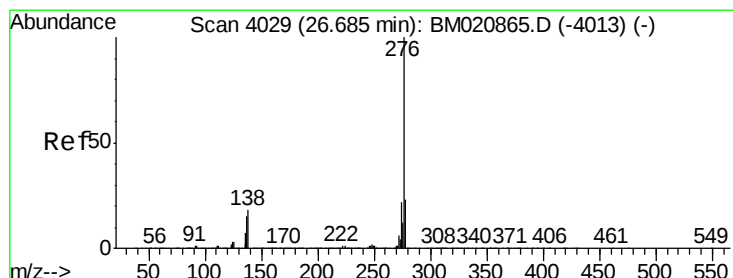
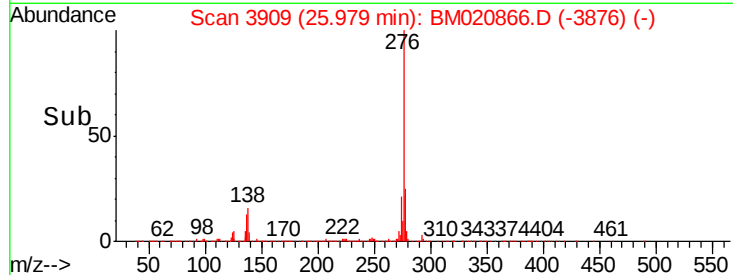
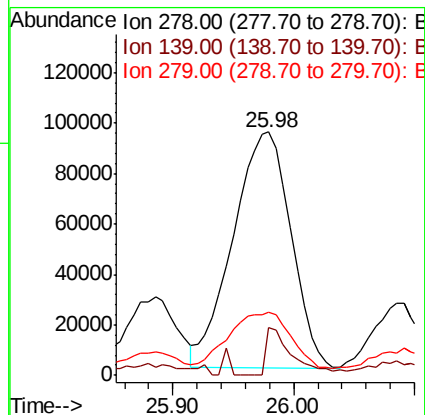
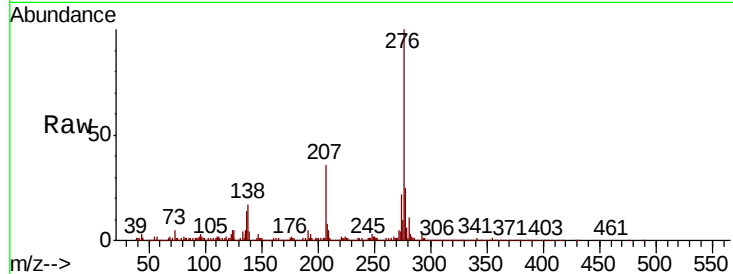
#92
Dibenzo(a,h)anthracene
Concen: 3.705 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Instrument :
BNA_M
ClientSampleId :
A51E9DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	11.6	17.4#
279	26.1	18.6	28.0

Manual Integrations
APPROVED

mohammad
6/12/2019 8:31:46 AM



#93
Benzo(g,h,i)perylene
Concen: 15.386 ng/ul
RT: 26.69 min Scan# 4029
Delta R.T. 0.00 min
Lab File: BM020866.D
Acq: 11 Jun 2019 10:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.6	25.0
277	23.4	19.6	29.4

