

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
 Data File : BM020859.D
 Acq On : 11 Jun 2019 05:38
 Operator : HP/JU
 Sample : K3017-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A51F2

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:29:20 AM

Quant Time: Jun 11 06:26:38 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	301266	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1186731	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	676223	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1509244	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1434472	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1690249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	24010	3.80	ng/uL	0.00
5) Phenol-d5	6.97	99	426483	18.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	271538	19.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	370478	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	344859	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	181178	22.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	200455	24.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	357192	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	305338	14.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1140339	22.80	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1325828	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	138561	16.14	ng/ul	0.00
57) Fluorene-d10	15.44	176	935704	22.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	56913	7.37	ng/ul	0.00
70) Anthracene-d10	17.29	188	1414441	21.46	ng/ul	0.00
78) Pyrene-d10	19.59	212	1493755	21.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1590870	20.71	ng/ul	0.00

Target Compounds

					Ovalue
4) Benzaldehyde	6.96	77	23706	1.365 ng/ul	98
6) Phenol	7.00	94	34880	1.470 ng/ul	97
14) Acetophenone	8.63	105	33034	1.153 ng/ul	96
44) Dimethylphthalate	13.90	163	442923	8.843 ng/ul	98
69) Phenanthrene	17.23	178	361183	4.755 ng/ul	97
76) Fluoranthene	19.25	202	949165	10.904 ng/ul	98
79) Pyrene	19.61	202	652923	7.374 ng/ul	100
82) Benzo(a)anthracene	21.36	228	127944	1.430 ng/ul	95
84) Chrysene	21.40	228	383138	4.614 ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	452780	4.605 ng/ul	96
88) Benzo(k)fluoranthene	23.01	252	130127m	1.385 ng/ul	
90) Benzo(a)pyrene	23.56	252	153032	1.636 ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.96	276	157190	1.423 ng/ul	96
93) Benzo(g,h,i)perylene	26.67	276	136712	1.525 ng/ul	96

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

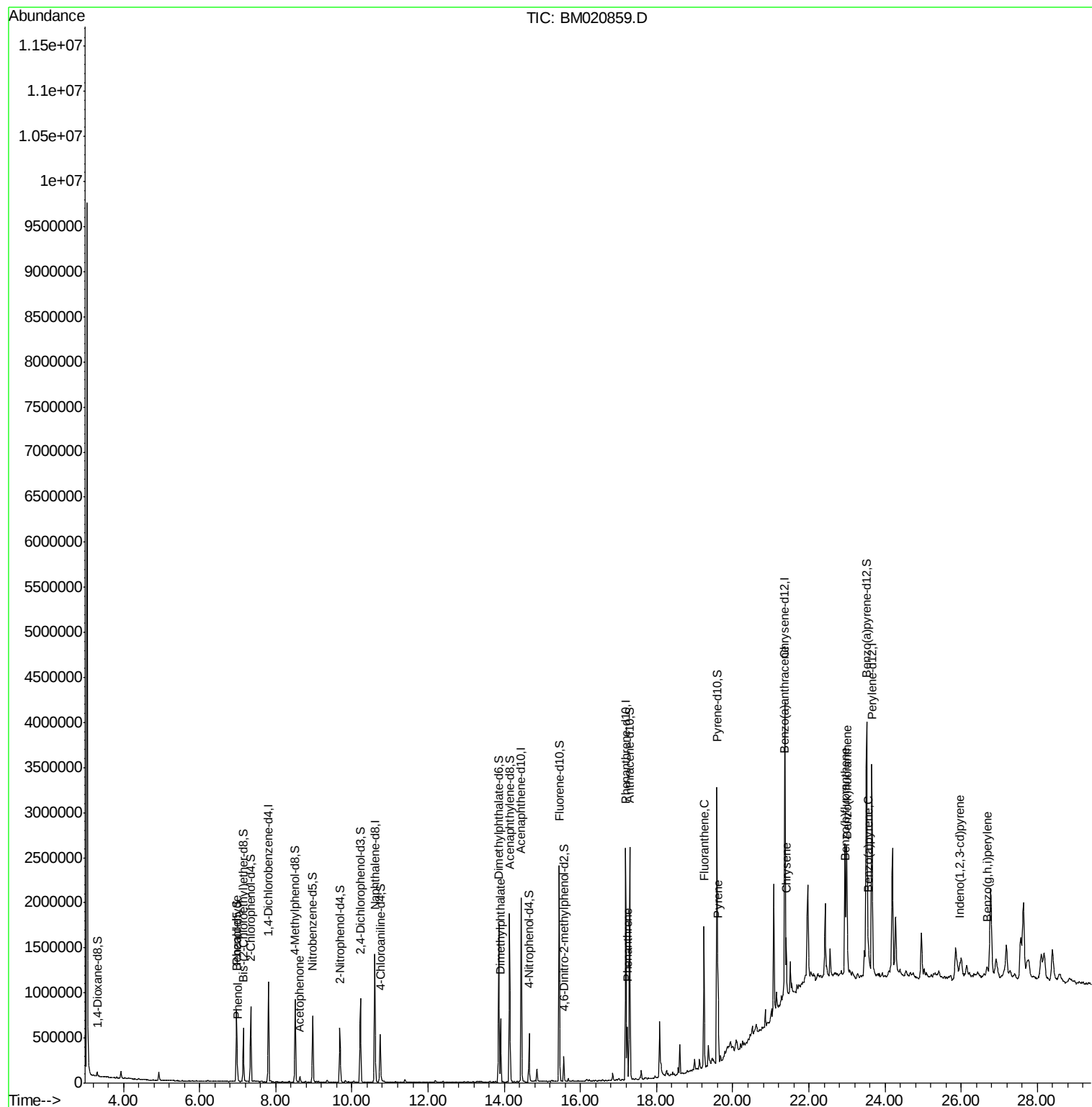
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061019\
Data File : BM020859.D
Acq On : 11 Jun 2019 05:38
Operator : HP/JU
Sample : K3017-21
Misc :
ALS Vial : 32 Sample Multiplier: 1

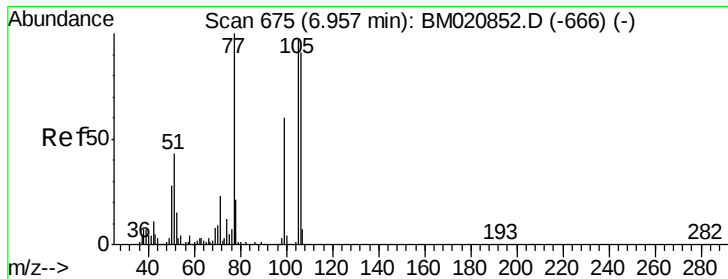
Instrument :
BNA_M
ClientSampled :
A51F2

Quant Time: Jun 11 06:26:38 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

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#4

Benzaldehyde

Concen: 1.365 ng/ul

RT: 6.96 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Instrument :

BNA_M

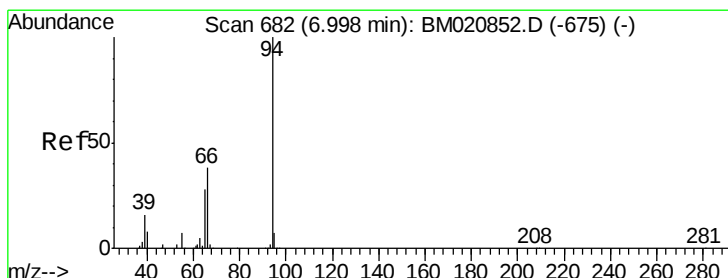
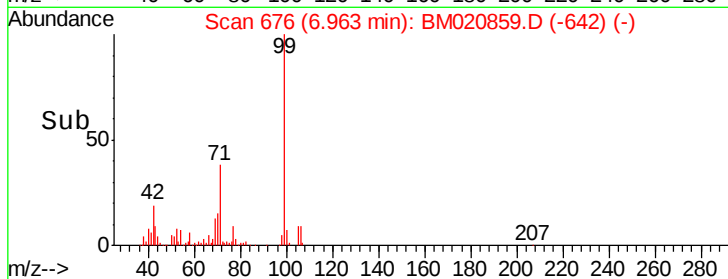
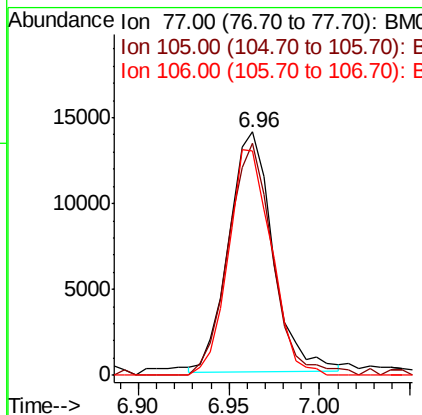
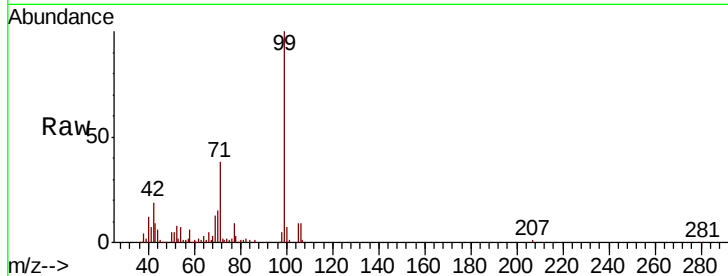
ClientSampled :

A51F2

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	74.7	112.1
106	92.4	72.3	108.5

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#6

Phenol

Concen: 1.470 ng/ul

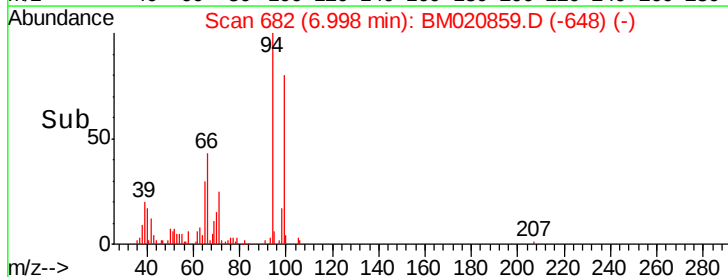
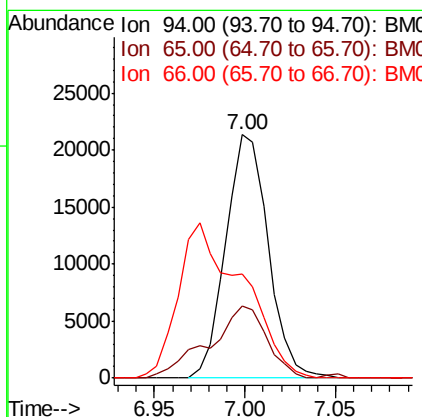
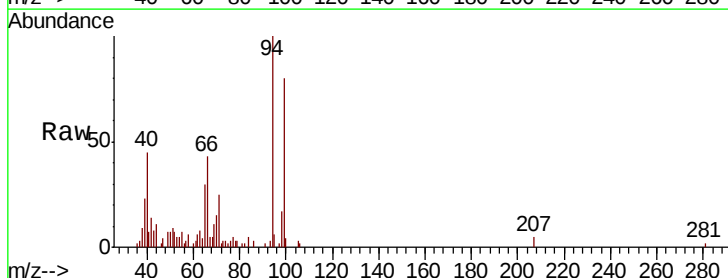
RT: 7.00 min Scan# 682

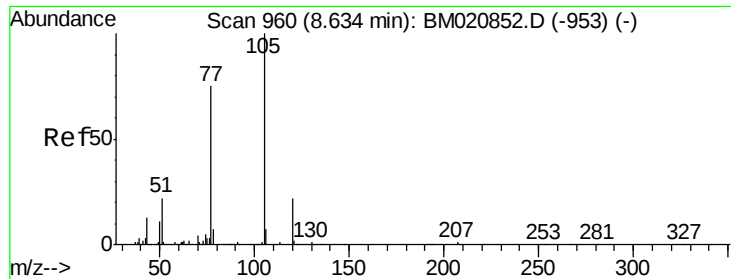
Delta R.T. 0.00 min

Lab File: BM020859.D

Acq: 11 Jun 2019 05:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.6	23.3	34.9
66	42.7	32.1	48.1





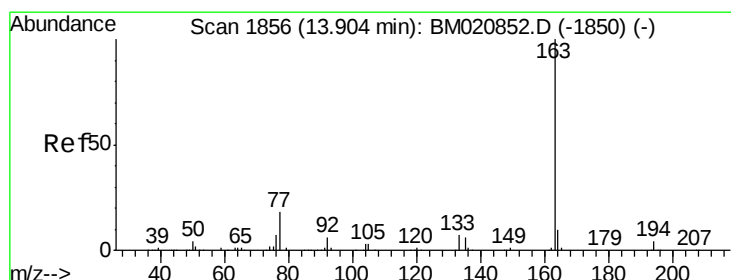
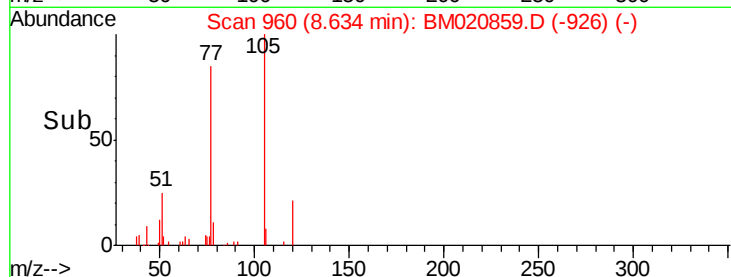
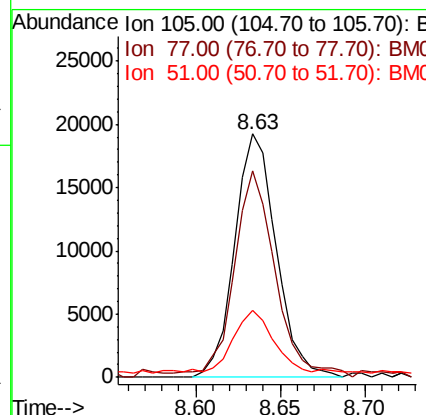
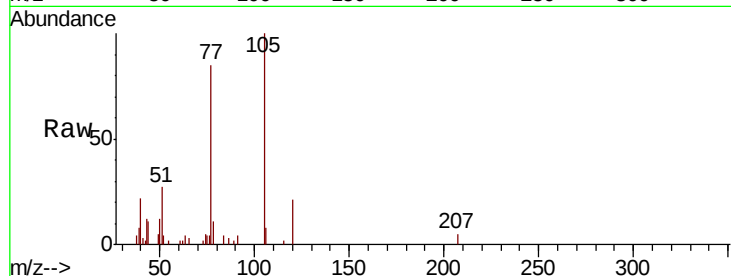
#14
Acetophenone
Concen: 1.153 ng/ul
RT: 8.63 min Scan# 960
Delta R.T. 0.00 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Instrument :
BNA_M
ClientSampled :
A51F2

Tot Ion:	105	Resp:	33034
Ion Ratio	Lower	Upper	
105	100		
77	84.7	64.6	97.0
51	27.4	21.4	32.2

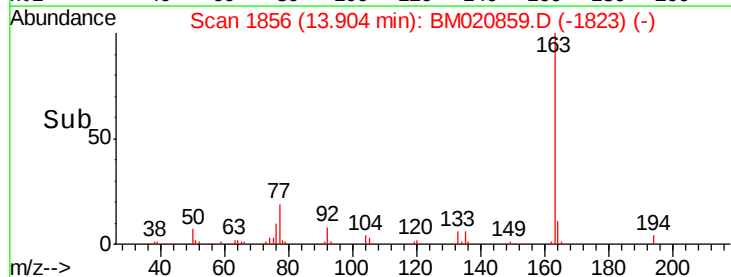
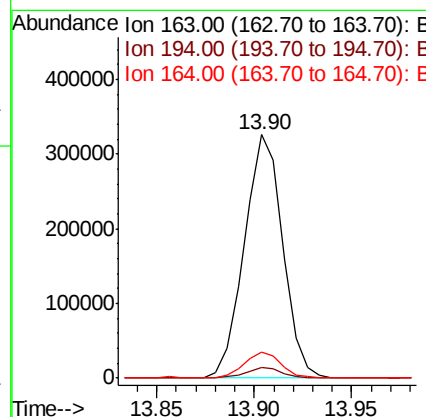
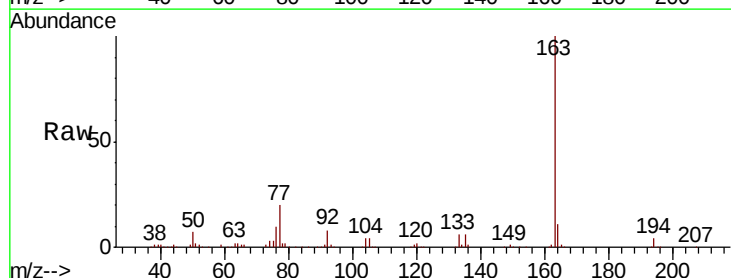
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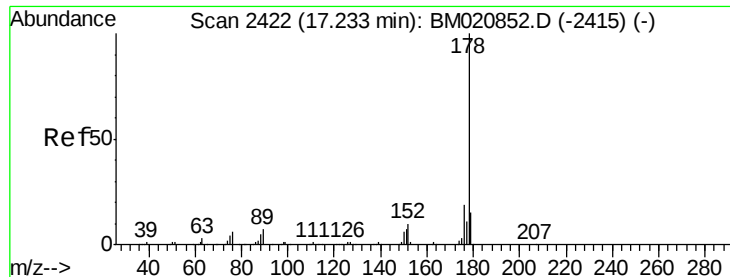
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#44
Dimethylphthalate
Concen: 8.843 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Tgt Ion:	163	Resp:	442923
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.2	4.8
164	10.8	8.0	12.0





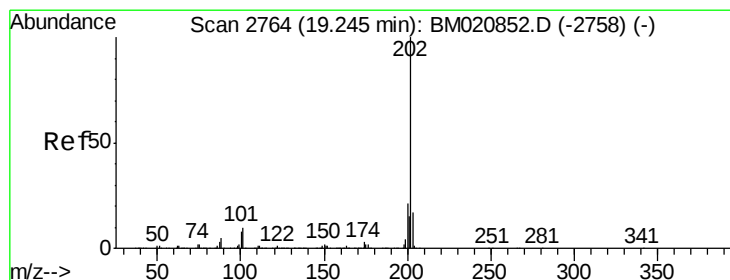
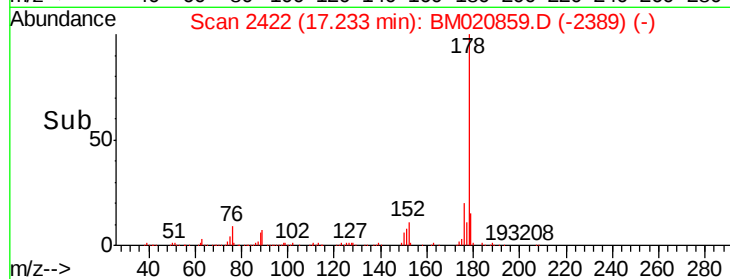
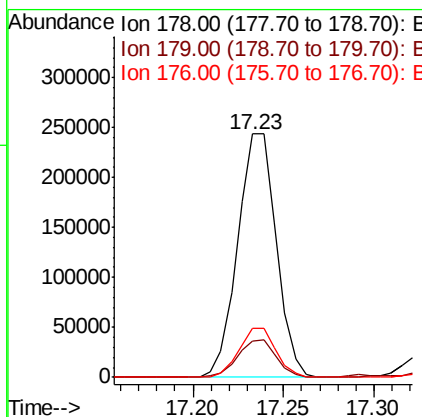
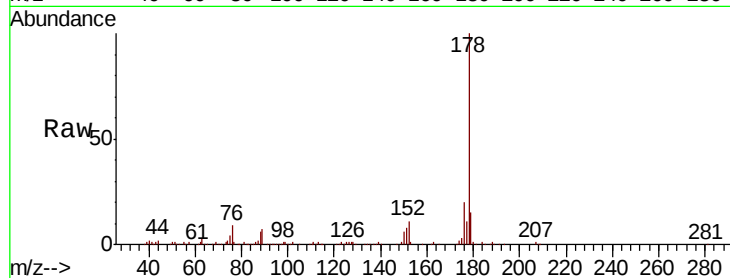
#69
Phenanthrene
Concen: 4.755 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Instrument :
BNA_M
ClientSampleId :
A51F2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	14.9	12.3	18.5		
176	20.2	14.8	22.2		

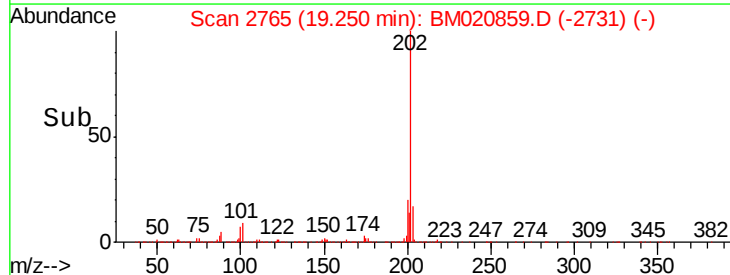
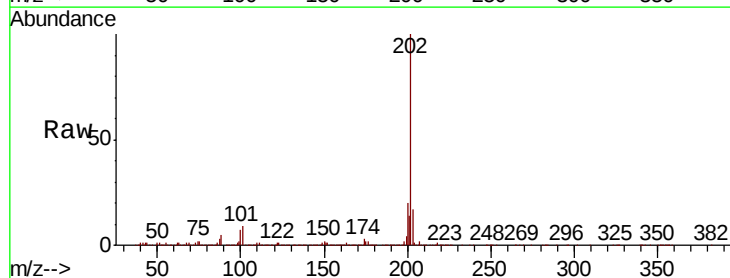
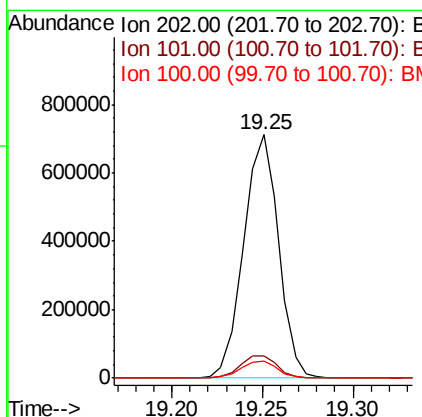
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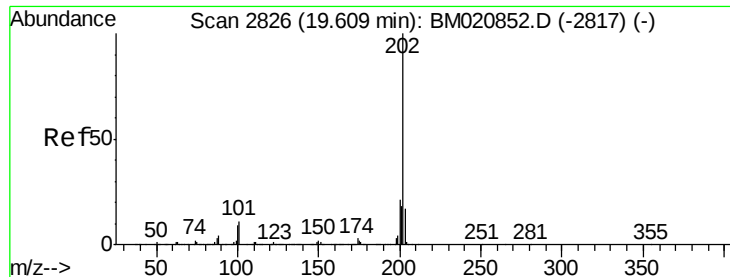
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#76
Fluoranthene
Concen: 10.904 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. 0.00 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	9.1	7.9	11.9		
100	7.2	6.2	9.4		





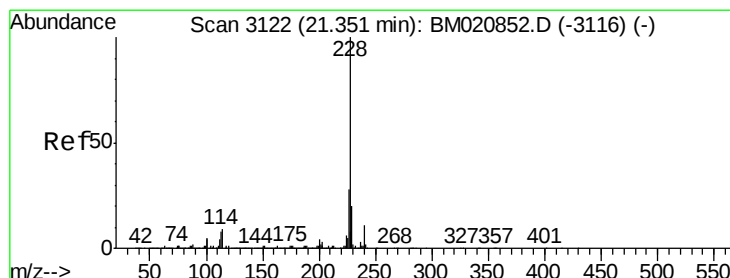
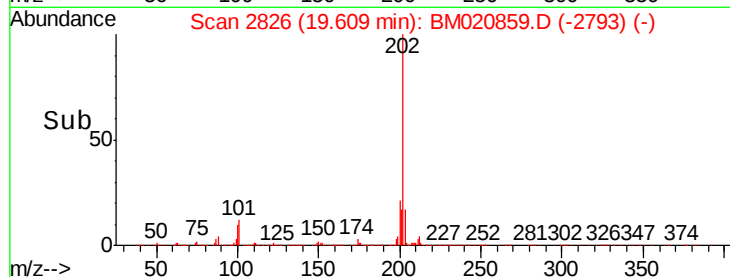
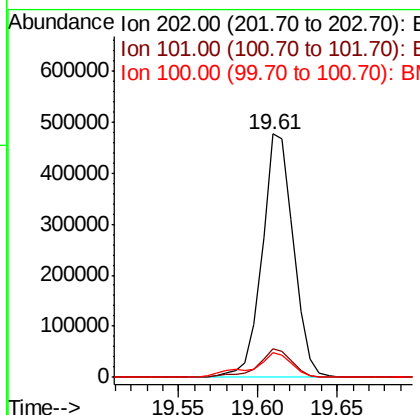
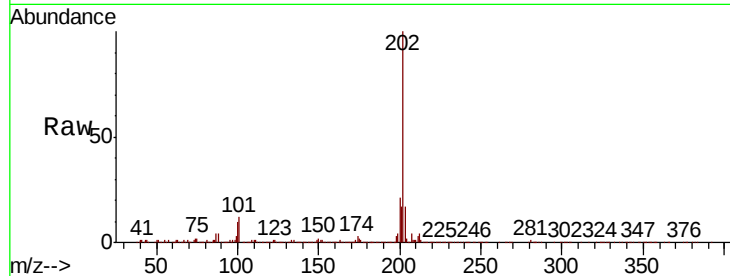
#79
Pvrene
Concen: 7.374 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Instrument :
BNA_M
ClientSampleId :
A51F2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.0	9.8	14.6
100	10.0	8.0	12.0

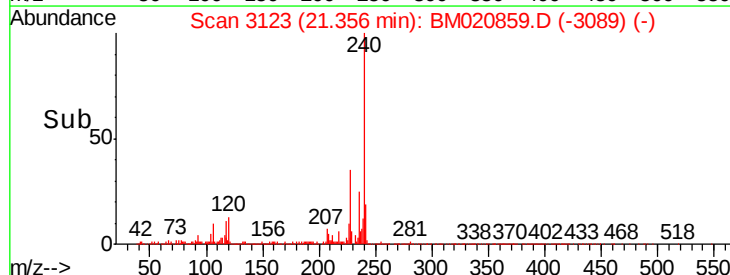
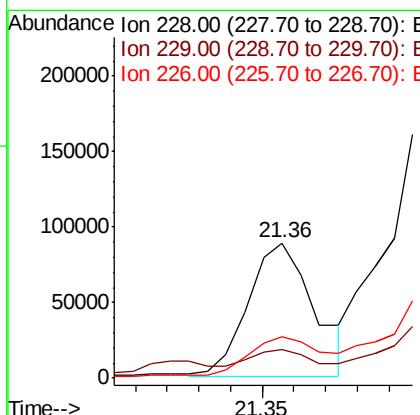
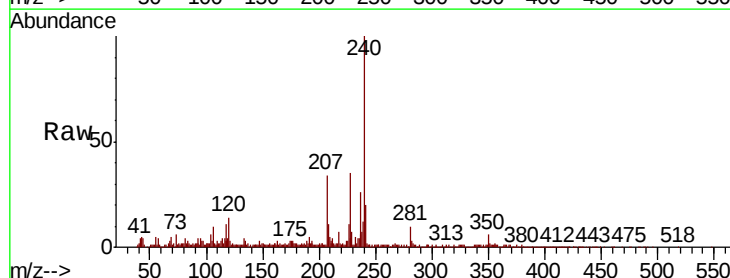
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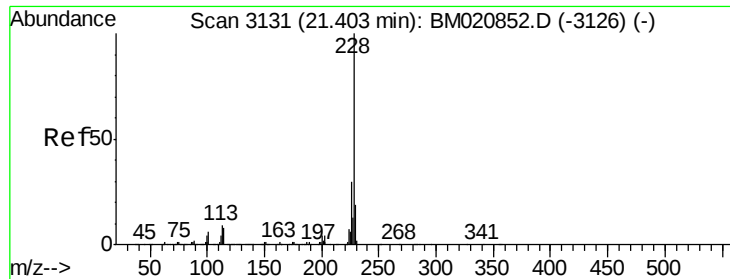
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#82
Benzo(a)anthracene
Concen: 1.430 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.7	15.6	23.4
226	30.6	21.4	32.2





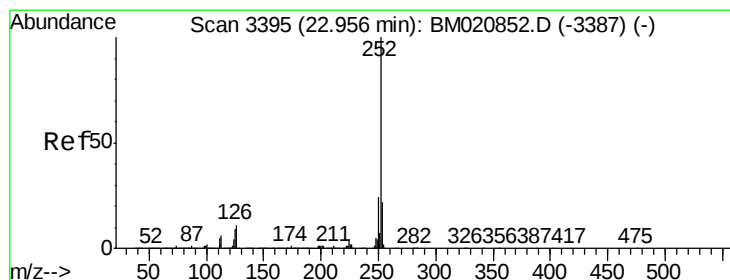
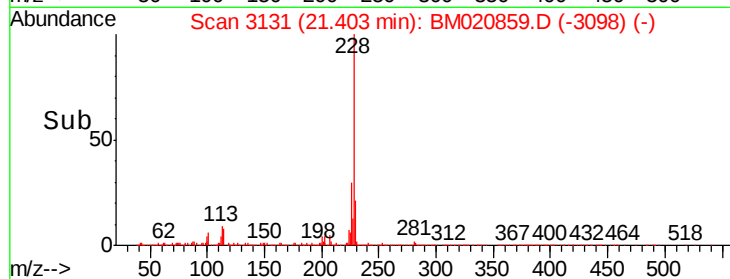
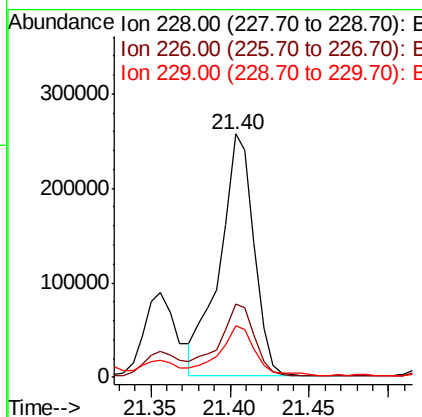
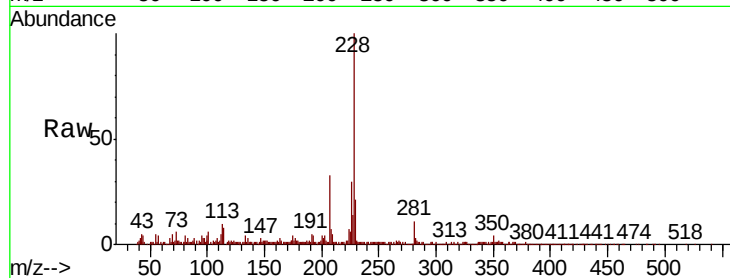
#84
Chrysene
Concen: 4.614 ng/ul
RT: 21.40 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Instrument :
BNA_M
ClientSampleId :
A51F2

Tot Ion:	228	Resp:	383138
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.4	36.6
229	21.4	16.2	24.2

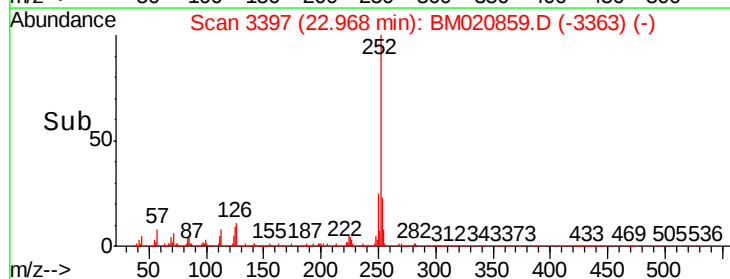
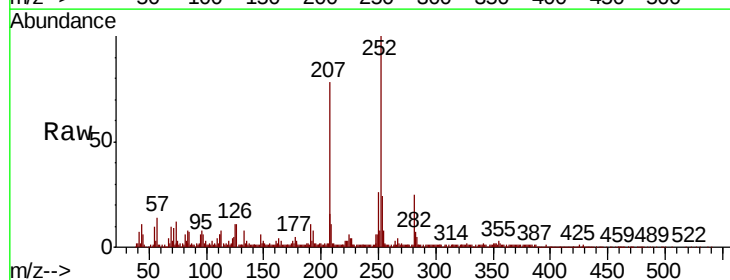
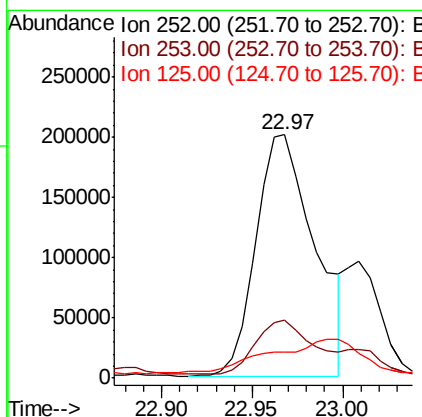
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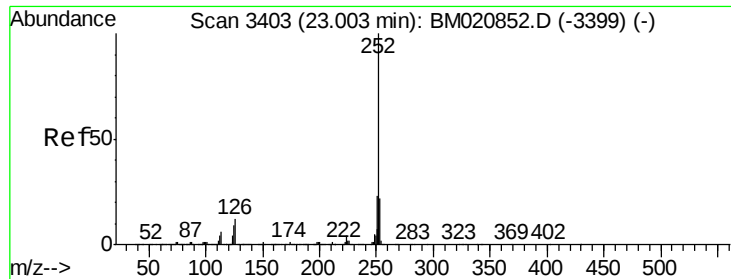
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#87
Benzo(b)fluoranthene
Concen: 4.605 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Tgt Ion:	252	Resp:	452780
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	10.5	7.3	10.9





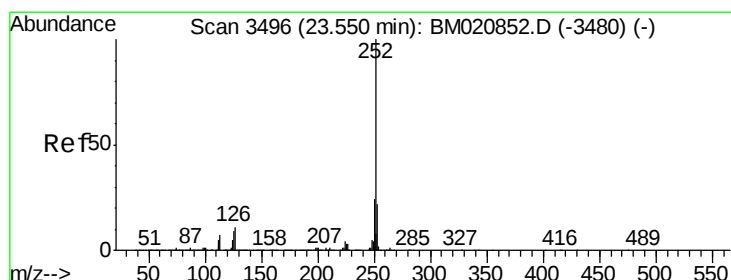
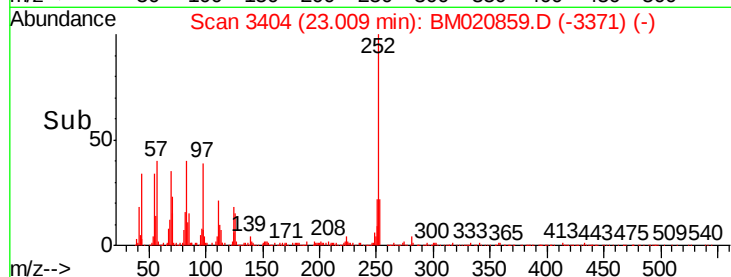
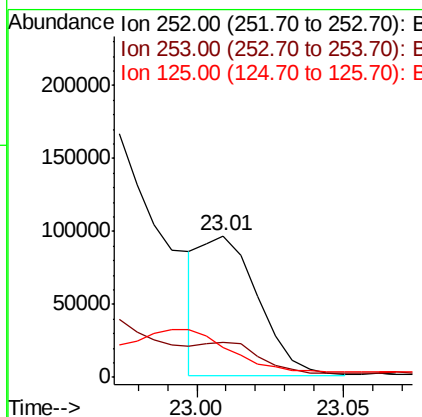
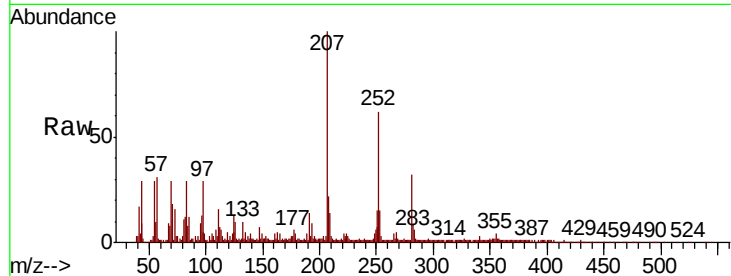
#88
Benzo(k)fluoranthene
Concen: 1.385 ng/ul m
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Instrument :
BNA_M
ClientSampled :
A51F2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	21.5	7.3	10.9

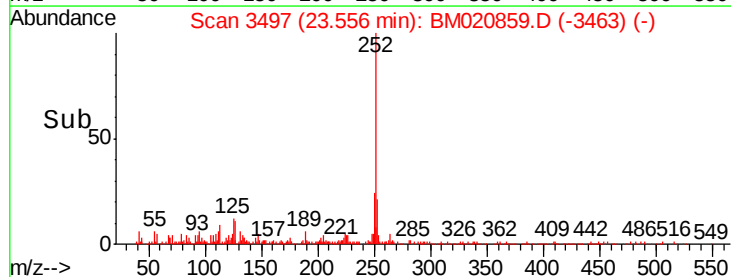
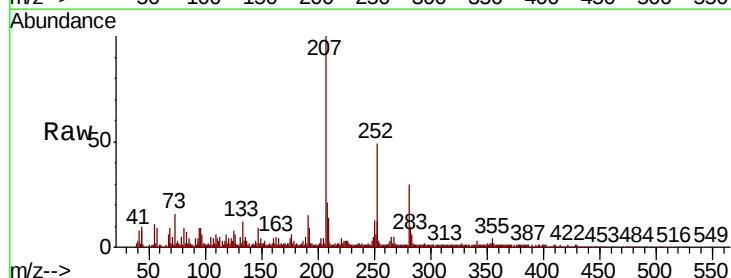
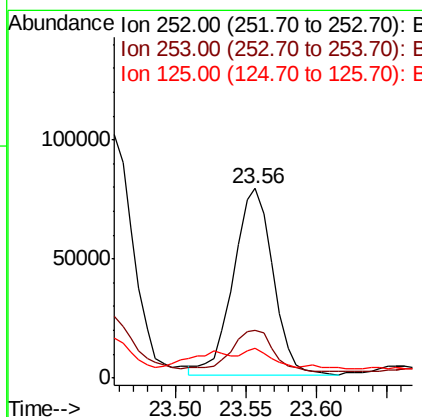
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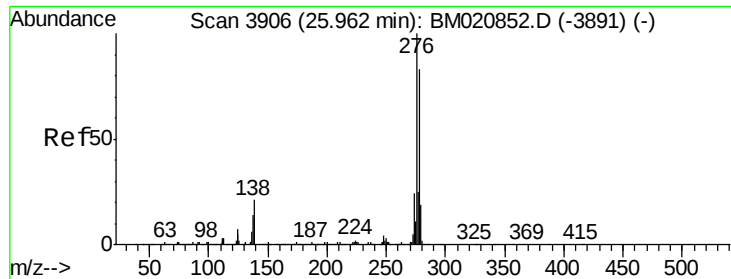
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6/12/2019 8:29:20 AM



#90
Benzo(a)pyrene
Concen: 1.636 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BM020859.D
Acq: 11 Jun 2019 05:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.0	25.6
125	15.7	8.2	12.4





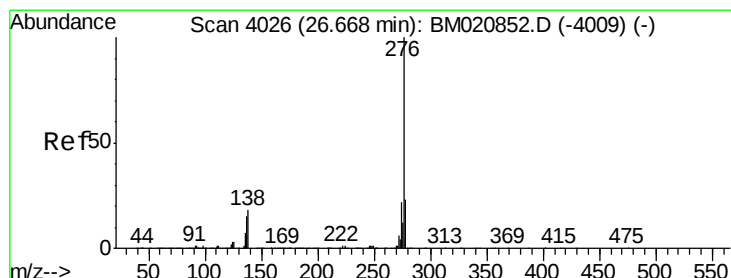
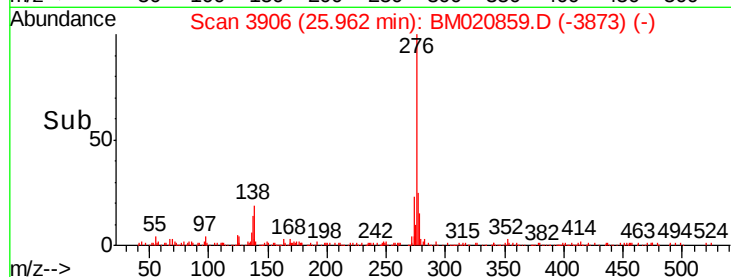
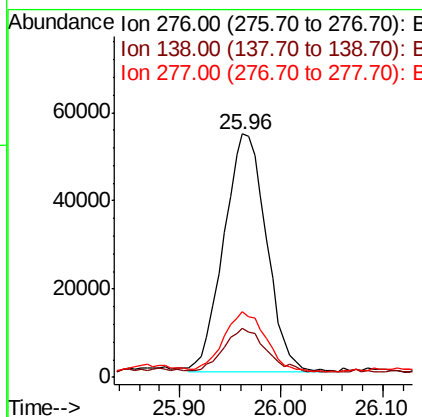
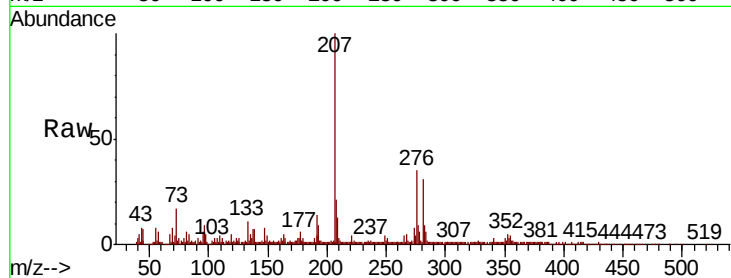
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.423 ng/ul
 RT: 25.96 min Scan# 3906
 Delta R.T. -0.01 min
 Lab File: BM020859.D
 Acq: 11 Jun 2019 05:38

Instrument :
 BNA_M
 ClientSampleId :
 A51F2

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	17.8	26.8
277	27.0	20.0	30.0

Manual Integrations
 APPROVED

mohammad
 6/12/2019 8:29:20 AM



#93
 Benzo(g,h,i)perylene
 Concen: 1.525 ng/ul
 RT: 26.67 min Scan# 4027
 Delta R.T. -0.01 min
 Lab File: BM020859.D
 Acq: 11 Jun 2019 05:38

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.6	25.0
277	26.4	19.6	29.4

