

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021260.D
 Acq On : 29 Jun 2019 14:01
 Operator : HP/JU
 Sample : K3593-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BC6

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:42:39 PM

Quant Time: Jun 29 22:56:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	268724	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1188810	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	744079	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1611589	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1153242	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1307580	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	21960	3.88	ng/uL	0.00
5) Phenol-d5	6.93	99	549646	23.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	317204	22.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	453018	23.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	467462	23.94	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	242009	25.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	286512	26.74	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	559645	25.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	411931	18.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1814647	26.99	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2098416	25.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	227608	20.81	ng/ul	0.00
57) Fluorene-d10	15.39	176	1547251	26.46	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	199586	20.15	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2206457	26.35	ng/ul	-0.01
78) Pyrene-d10	19.54	212	2065710	29.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1978773	25.65	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.96	94	26350	1.191 ng/ul	95
44) Dimethylphthalate	13.86	163	286184	4.676 ng/ul	100
69) Phenanthrene	17.19	178	761933	8.549 ng/ul	99
71) Anthracene	17.28	178	120712	1.329 ng/ul	99
76) Fluoranthene	19.21	202	2268462	23.555 ng/ul	100
79) Pyrene	19.57	202	1795467	22.022 ng/ul	99
82) Benzo(a)anthracene	21.32	228	926017	11.778 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.24	149	442643	10.301 ng/ul	99
84) Chrysene	21.37	228	1095680	14.880 ng/ul	99
87) Benzo(b)fluoranthene	22.92	252	1671520	20.180 ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	607174m	7.620 ng/ul	
90) Benzo(a)pyrene	23.51	252	942389	12.088 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.89	276	819095	8.922 ng/ul	95
92) Dibenzo(a,h)anthracene	25.90	278	205529	2.661 ng/ul#	93
93) Benzo(g,h,i)perylene	26.60	276	667446	8.828 ng/ul	98

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

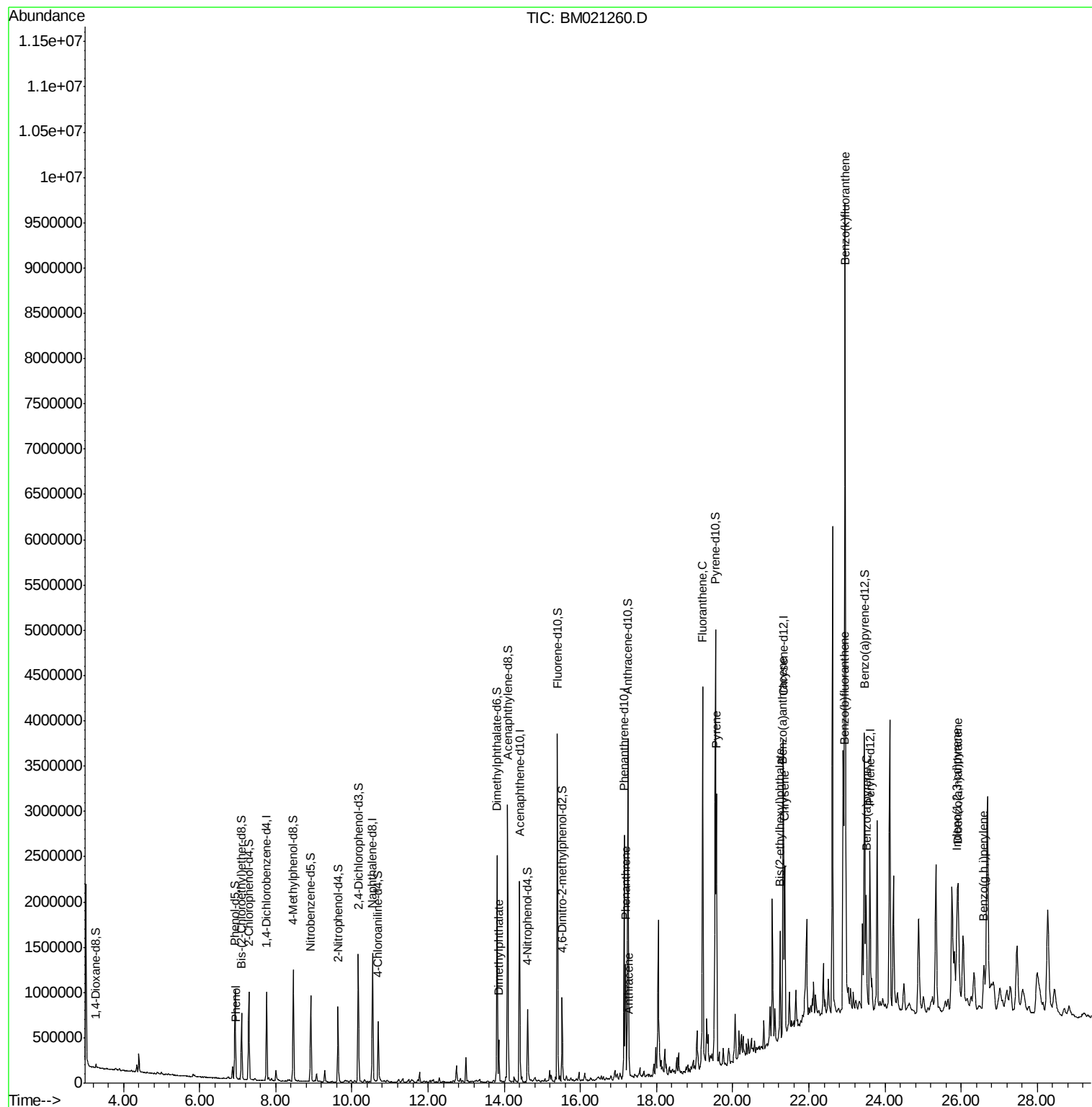
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021260.D
Acq On : 29 Jun 2019 14:01
Operator : HP/JU
Sample : K3593-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

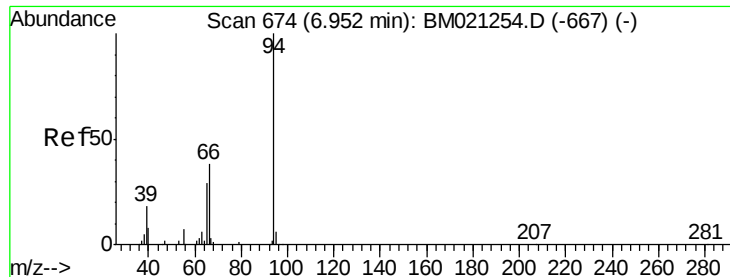
Instrument :
BNA_M
ClientSampleID :
C5BC6

Manual Integrations
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Quant Time: Jun 29 22:56:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
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#6

Phenol

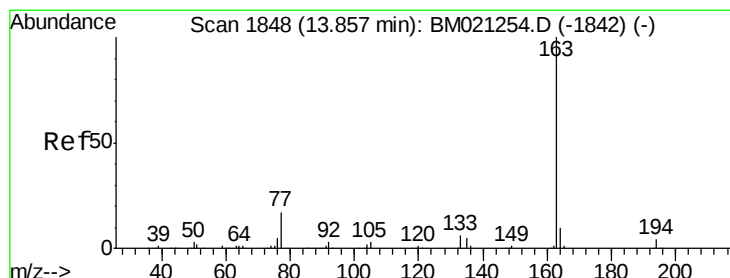
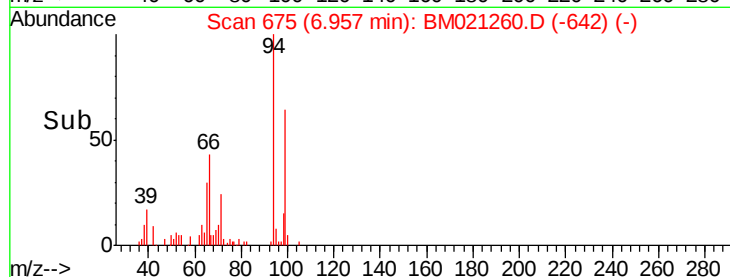
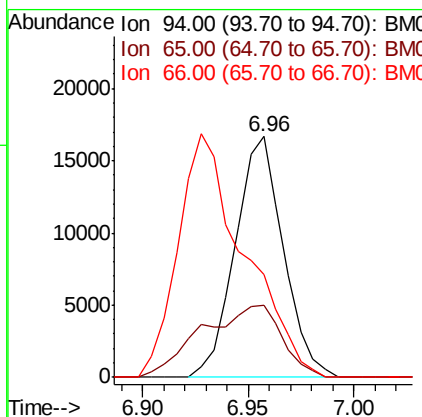
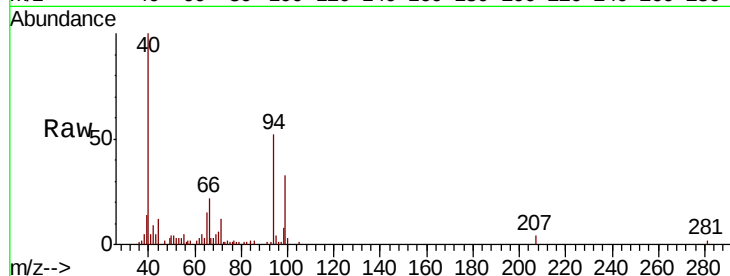
Concen: 1.191 ng/ul
 RT: 6.96 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BM021260.D
 Acq: 29 Jun 2019 14:01

Instrument :
 BNA_M
 ClientSampleId :
 C5BC6

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.6	34.0
66	42.8	31.2	46.8

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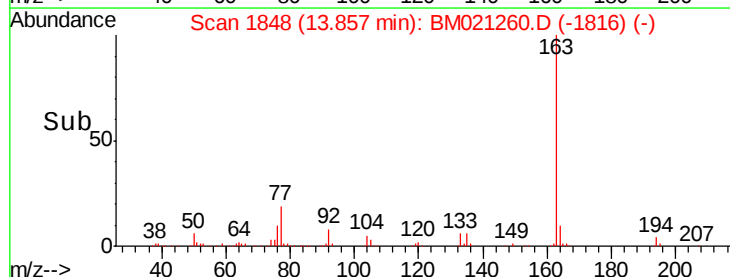
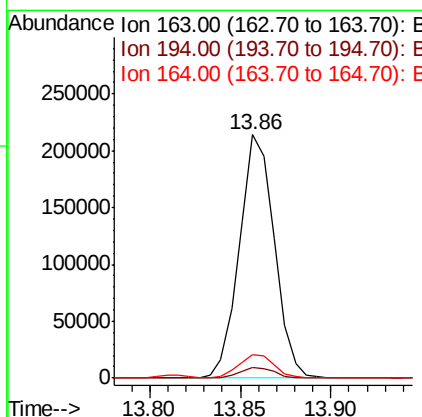
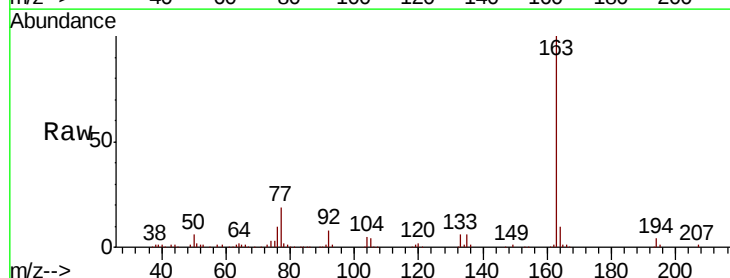


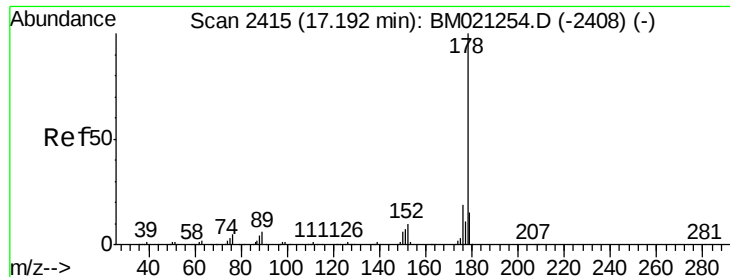
#44

Dimethylphthalate

Concen: 4.676 ng/ul
 RT: 13.86 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BM021260.D
 Acq: 29 Jun 2019 14:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.7	7.7	11.5





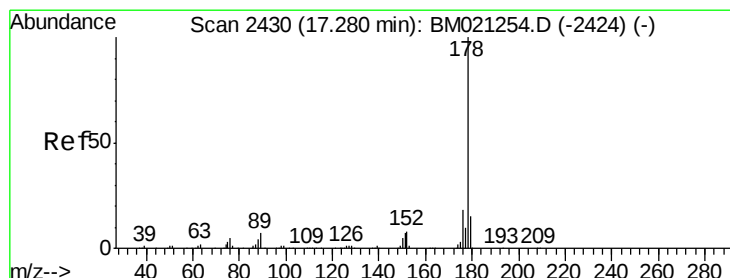
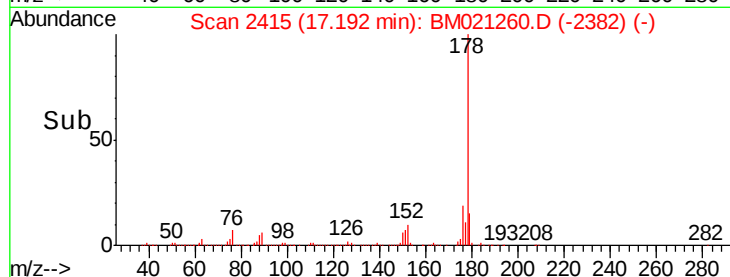
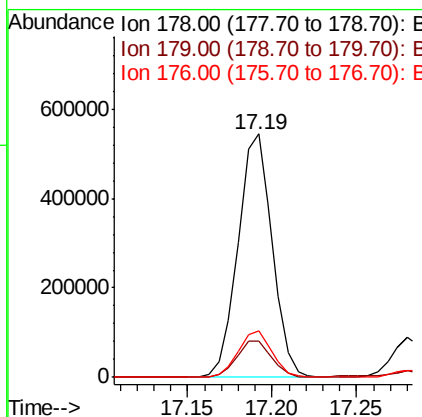
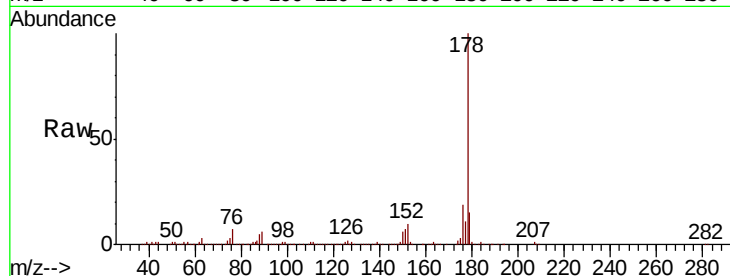
#69
Phenanthrene
Concen: 8.549 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C5BC6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.8	17.8
176	19.1	15.0	22.6

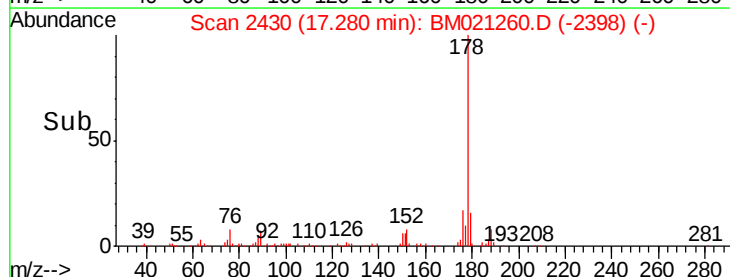
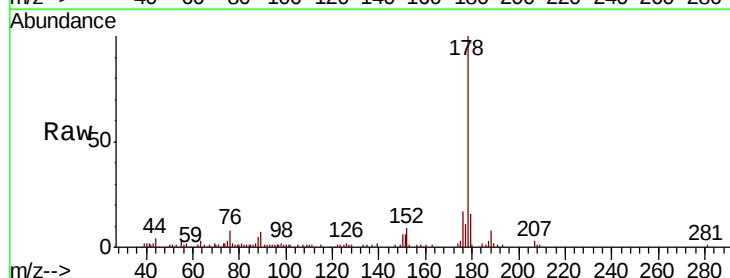
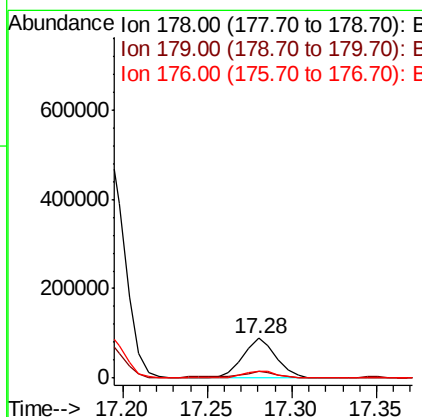
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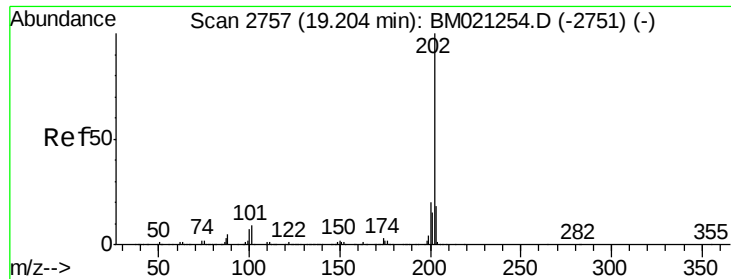
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#71
Anthracene
Concen: 1.329 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	17.4	14.6	21.8





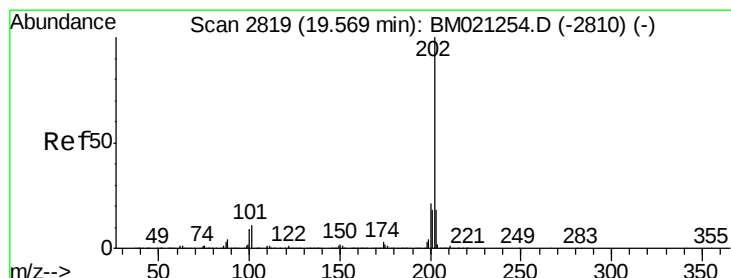
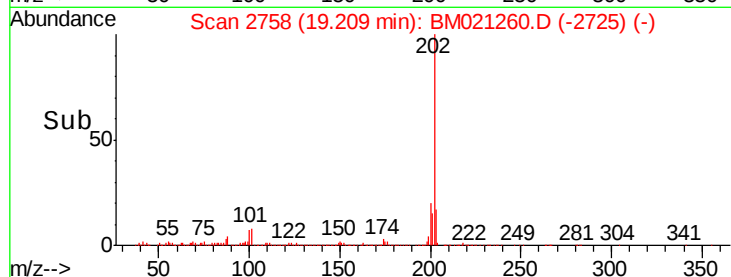
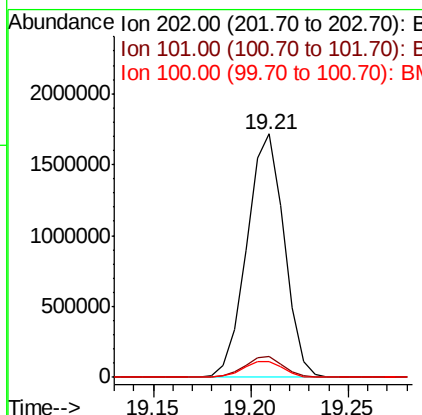
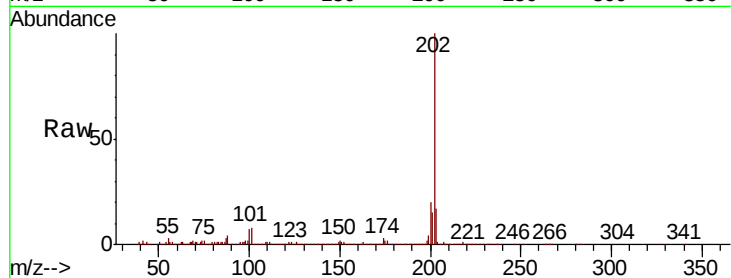
#76
Fluoranthene
Concen: 23.555 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C5BC6

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.7	10.1
100	6.6	5.5	8.3

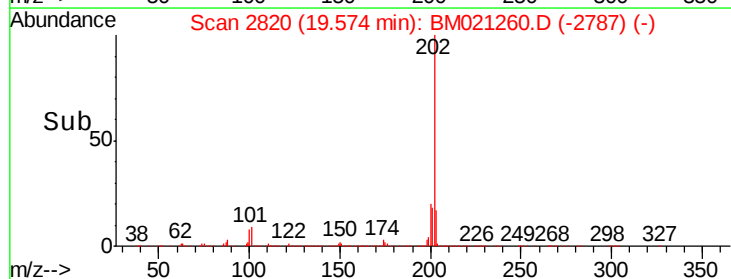
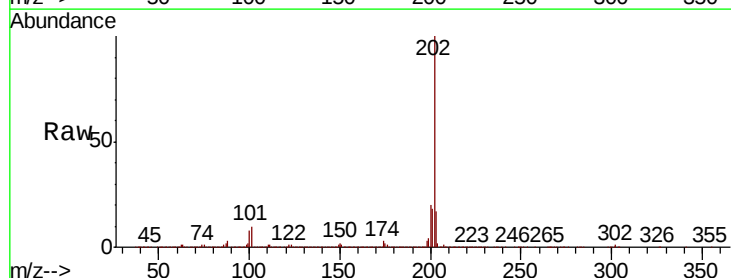
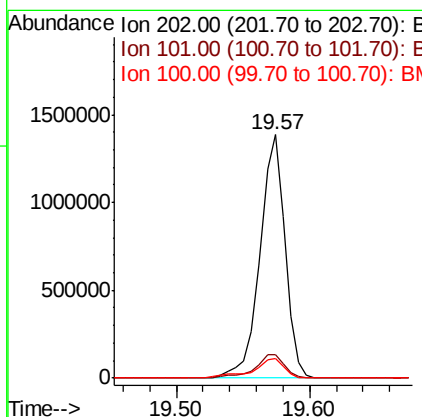
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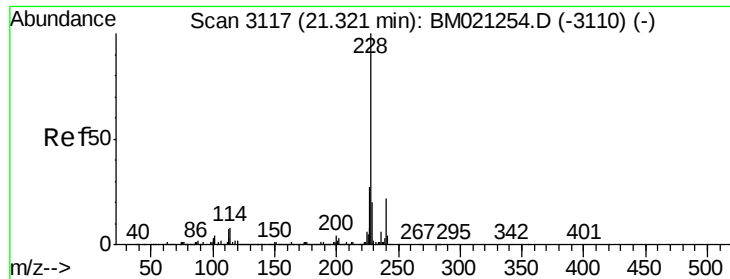
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#79
Pyrene
Concen: 22.022 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.1	12.1
100	8.1	6.6	10.0





#82

Benzo(a)anthracene

Concen: 11.778 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

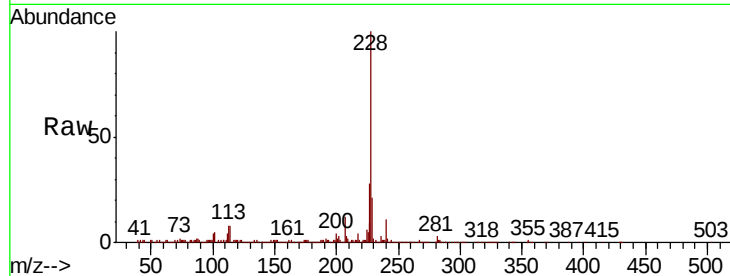
ClientSampled :

C5BC6

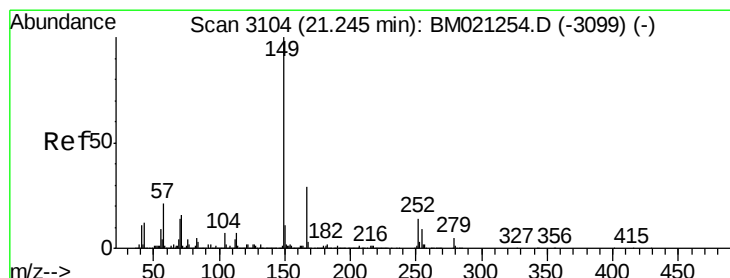
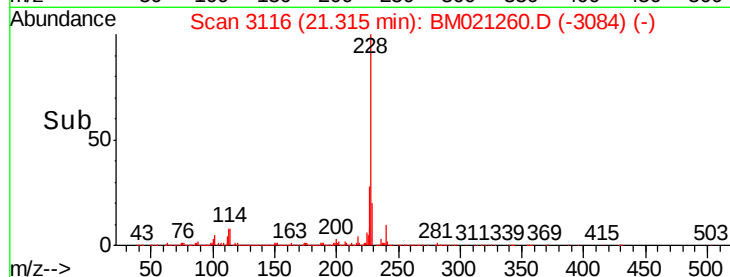
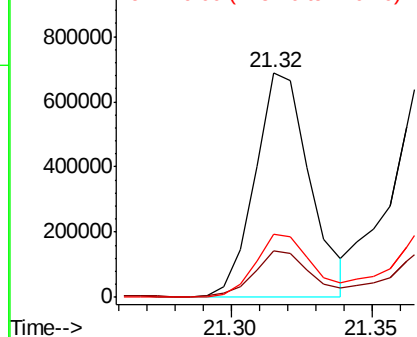
Tot Ion:228	Resp:	926017
Ion Ratio	Lower	Upper
228	100	
229	20.7	15.8 23.8
226	28.2	21.4 32.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 10.301 ng/ul

RT: 21.24 min Scan# 3104

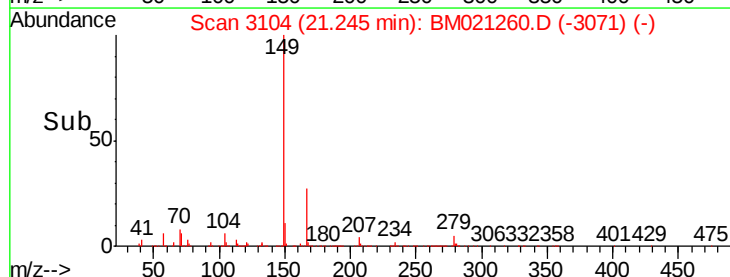
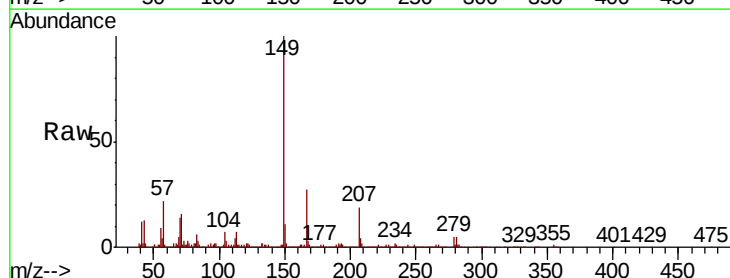
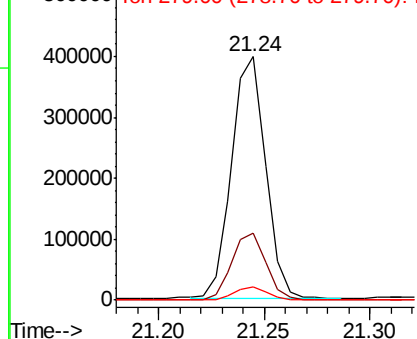
Delta R.T. -0.01 min

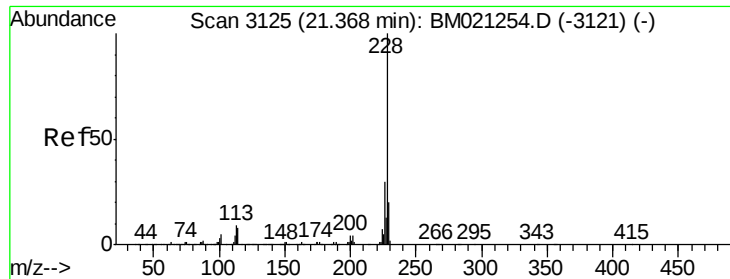
Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Tgt Ion:149	Resp:	442643
Ion Ratio	Lower	Upper
149	100	
167	27.2	22.3 33.5
279	5.5	3.8 5.6

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 14.880 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

Tot Ion:228 Resp: 1095680

Ion Ratio Lower Upper

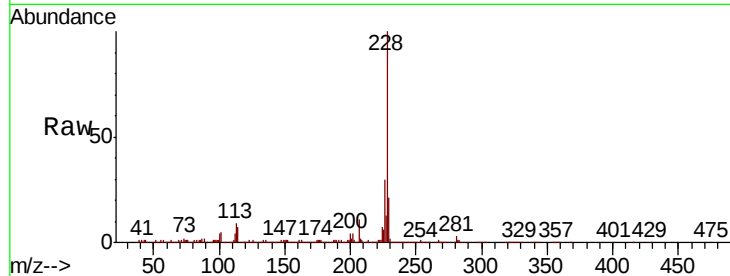
228 100

226 29.9 23.9 35.9

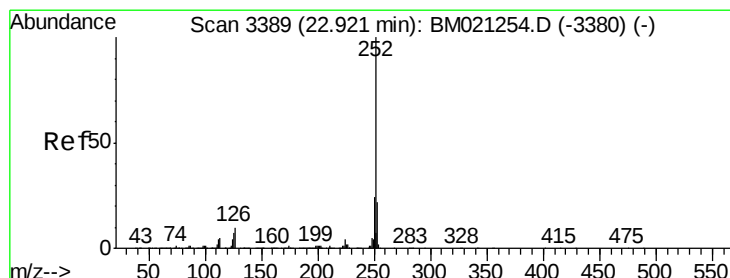
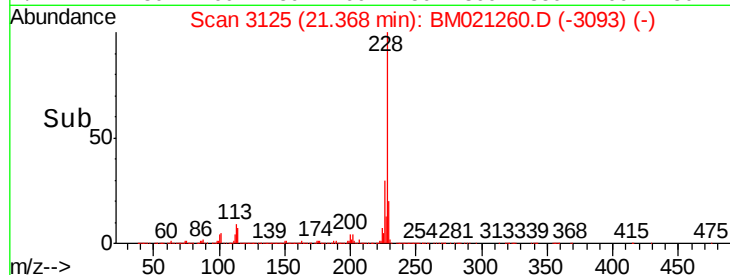
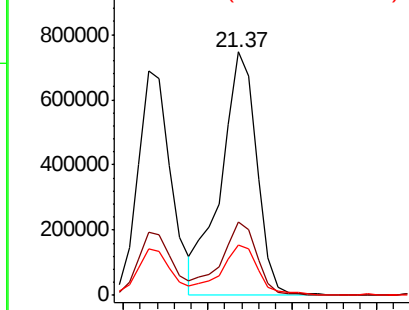
229 20.6 15.4 23.2

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 20.180 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

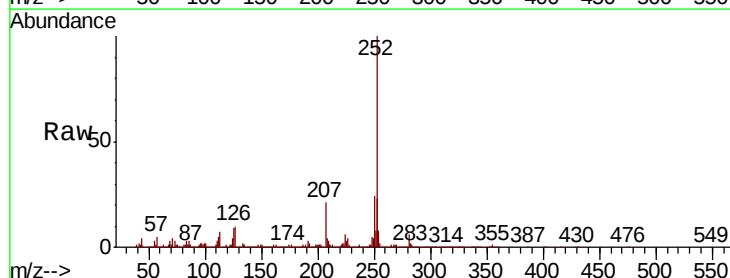
Tgt Ion:252 Resp: 1671520

Ion Ratio Lower Upper

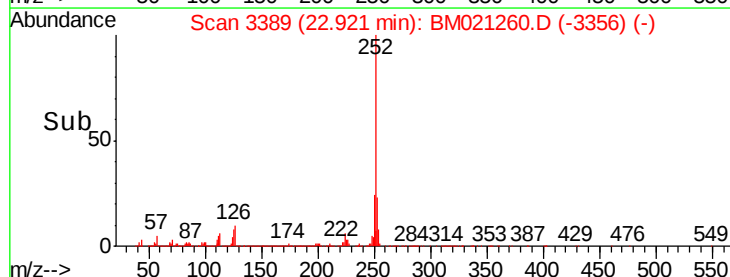
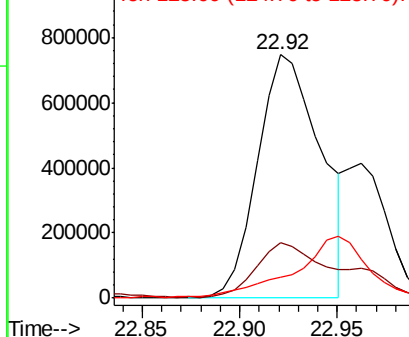
252 100

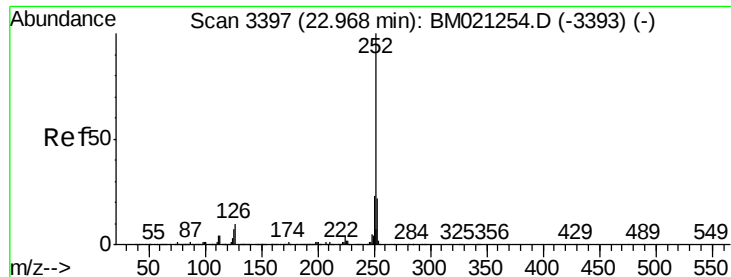
253 22.8 17.5 26.3

125 8.7 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





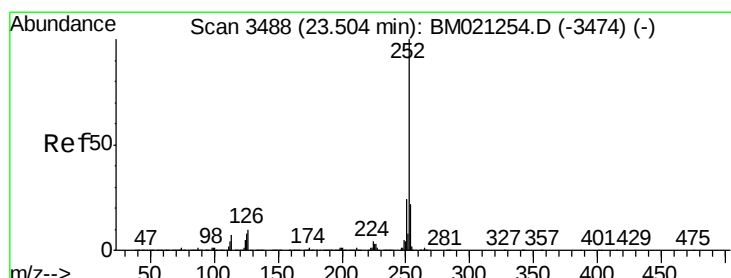
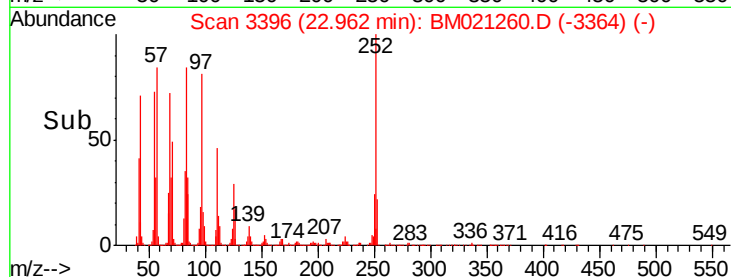
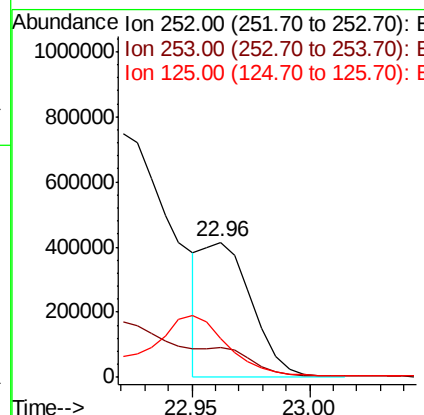
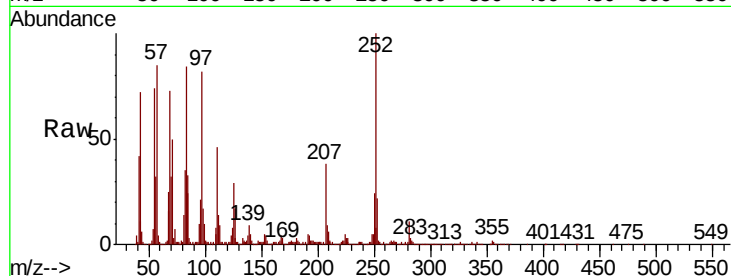
#88
Benzo(k)fluoranthene
Concen: 7.620 ng/ul m
RT: 22.96 min Scan# 3396
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Instrument :
BNA_M
ClientSampled :
C5BC6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	29.1	6.6	9.8#

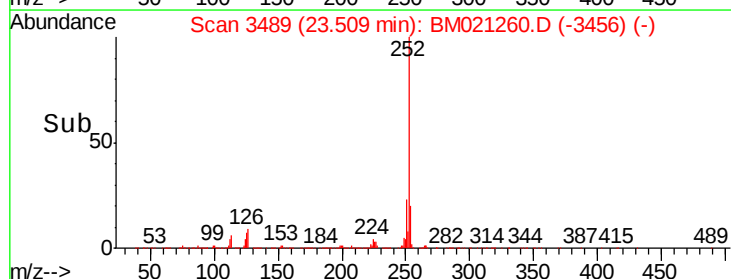
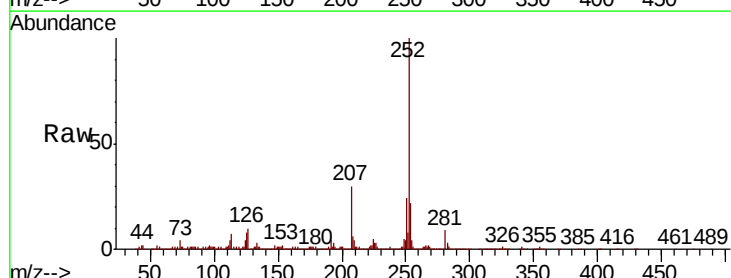
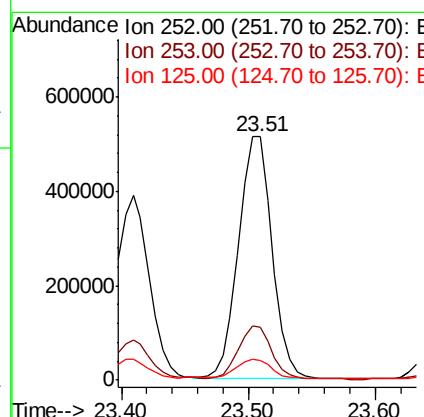
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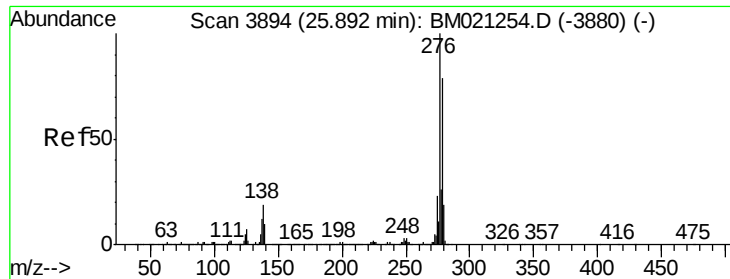
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#90
Benzo(a)pyrene
Concen: 12.088 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.0	7.2	10.8





#91

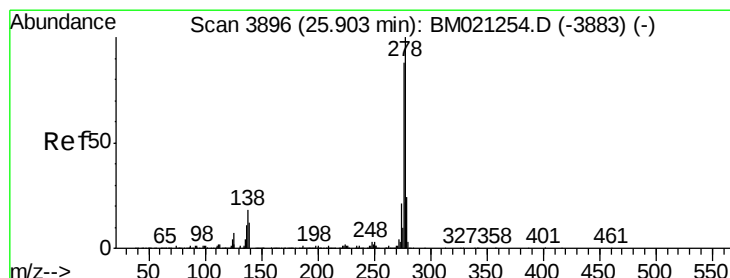
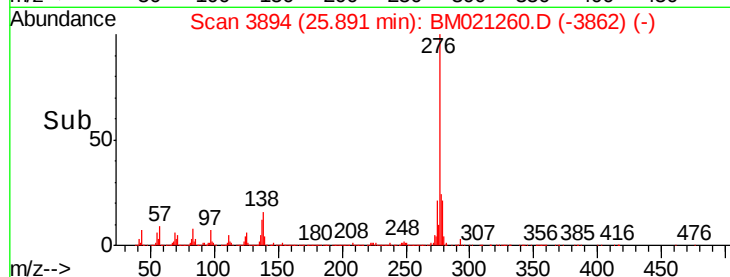
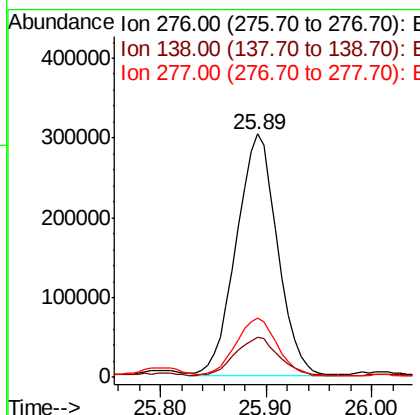
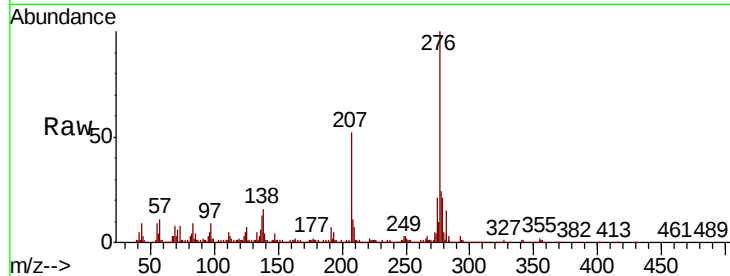
Indeno(1,2,3-cd)pyrene
Concen: 8.922 ng/ul
RT: 25.89 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Instrument :
BNA_M
ClientSampleId :
C5BC6

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.3	15.9	23.9
277	24.4	20.4	30.6

Manual Integrations
APPROVED

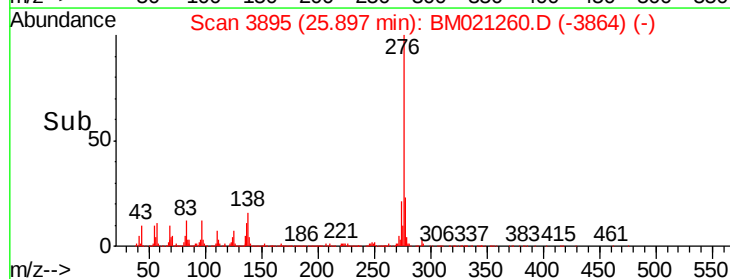
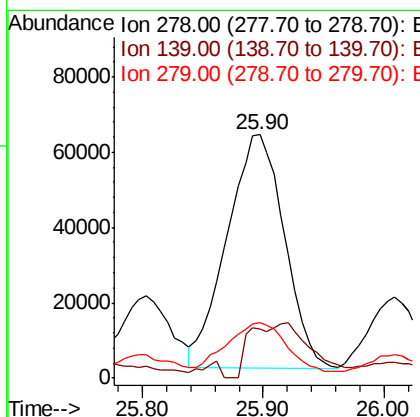
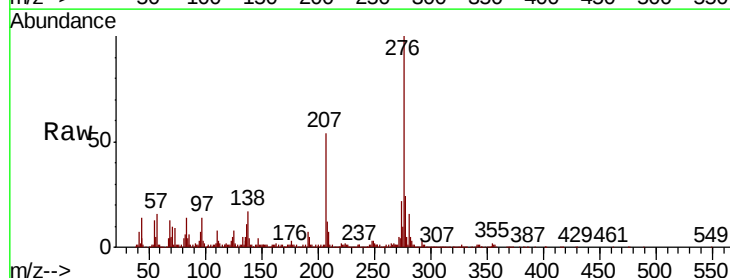
mohammad
7/1/2019 2:42:39 PM

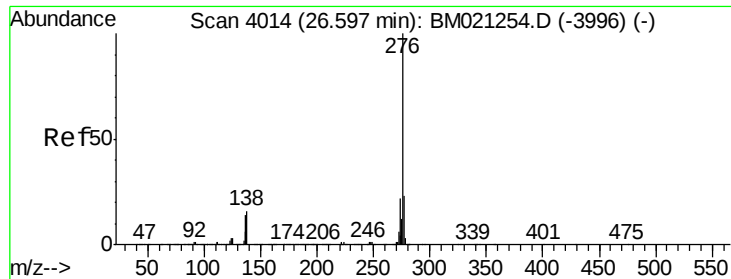


#92

Dibenzo(a,h)anthracene
Concen: 2.661 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021260.D
Acq: 29 Jun 2019 14:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	10.6	15.8#
279	23.0	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 8.828 ng/ul

RT: 26.60 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BM021260.D

Acq: 29 Jun 2019 14:01

Instrument :

BNA_M

ClientSampleId :

C5BC6

Tot Ion:	276	Resp:	667446
Ion Ratio	Lower	Upper	
276	100		
138	17.0	14.6	21.8
277	24.2	18.9	28.3

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:39 PM

