

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021262.D
 Acq On : 29 Jun 2019 15:14
 Operator : HP/JU
 Sample : K3593-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BD5

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:42:45 PM

Quant Time: Jun 29 23:15:18 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	293770	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1288487	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	798123	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1657714	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1193752	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1378454	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	24890	4.02	ng/uL	0.00
5) Phenol-d5	6.93	99	592763	23.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	339857	22.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	496621	23.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	515477	24.15	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	257791	24.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	307037	26.44	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.17	165	588000	24.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	151777	6.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1776596	24.64	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2104575	23.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	221285	18.86	ng/ul	0.00
57) Fluorene-d10	15.39	176	1503357	23.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	182925	17.95	ng/ul	-0.01
70) Anthracene-d10	17.24	188	2060679	23.92	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1835382	25.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1900321	23.37	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.86	163	1181913	18.004	ng/ul	99
69) Phenanthrene	17.19	178	330754	3.608	ng/ul	99
76) Fluoranthene	19.21	202	991567	10.010	ng/ul#	95
79) Pyrene	19.57	202	817353	9.685	ng/ul	100
82) Benzo(a)anthracene	21.32	228	409237	5.028	ng/ul	99
84) Chrysene	21.37	228	472747	6.202	ng/ul	97
87) Benzo(b)fluoranthene	22.92	252	757476	8.675	ng/ul#	95
88) Benzo(k)fluoranthene	22.96	252	287727m	3.425	ng/ul	
90) Benzo(a)pyrene	23.50	252	453095	5.513	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.89	276	381693	3.944	ng/ul	97
92) Dibenzo(a,h)anthracene	25.90	278	97724	1.200	ng/ul#	69
93) Benzo(g,h,i)perylene	26.60	276	319292	4.006	ng/ul	97

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

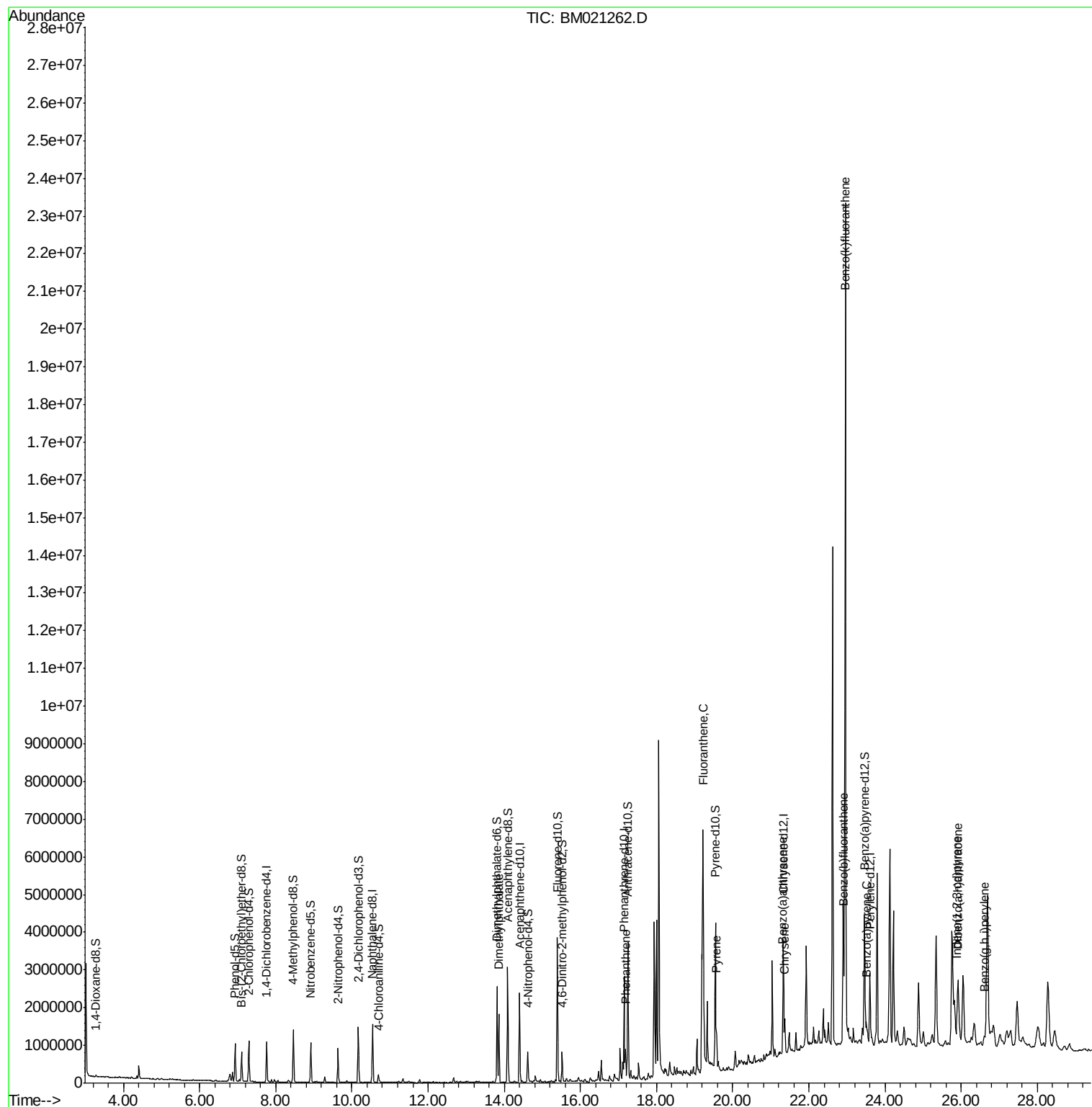
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021262.D
Acq On : 29 Jun 2019 15:14
Operator : HP/JU
Sample : K3593-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

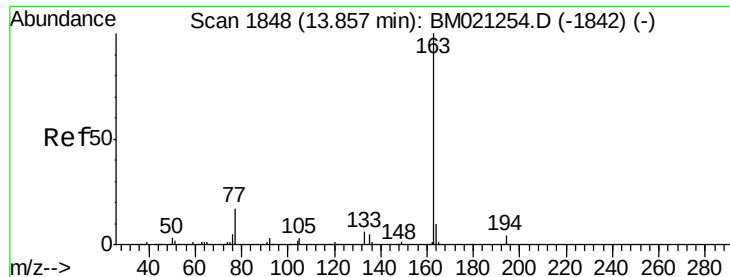
Instrument :
BNA_M
ClientSampleId :
C5BD5

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM

Quant Time: Jun 29 23:15:18 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





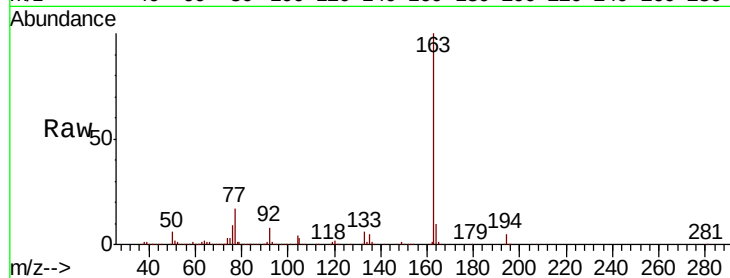
#44
Dimethylphthalate
Concen: 18.004 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021262.D
Acq: 29 Jun 2019 15:14

Instrument :
BNA_M
ClientSampled :
C5BD5

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	7.7	11.5

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM

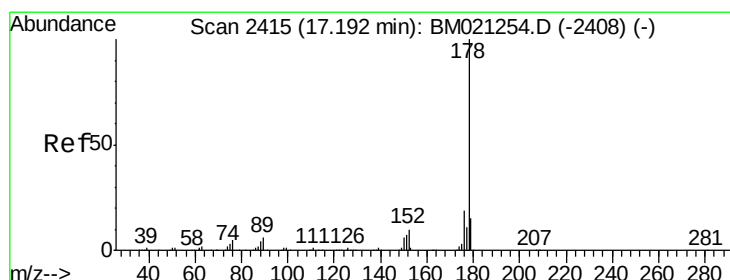
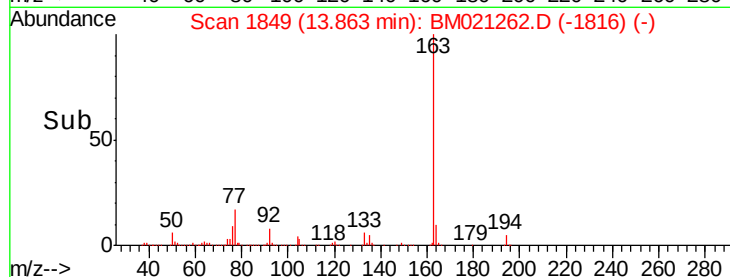
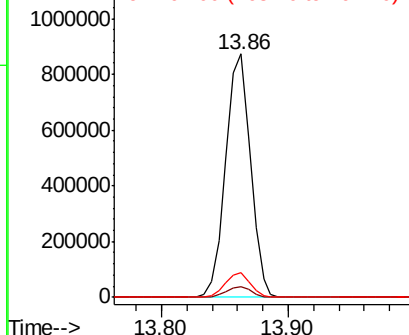


Abundance

Ion 163.00 (162.70 to 163.70): E

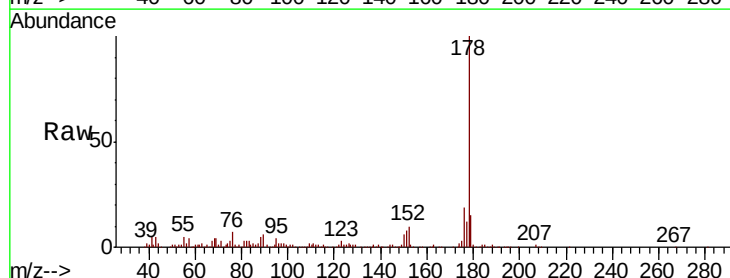
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 3.608 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021262.D
Acq: 29 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.7	15.0	22.6

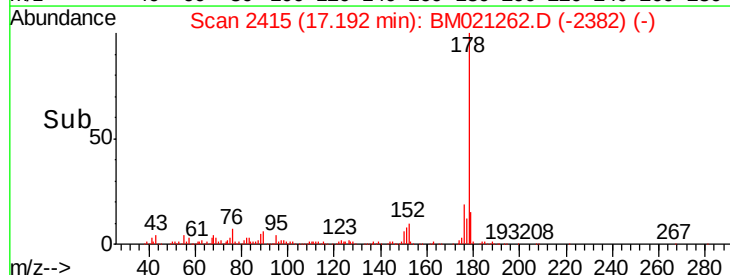
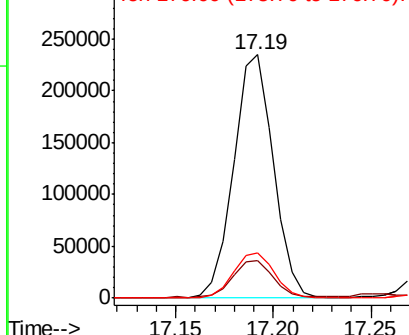


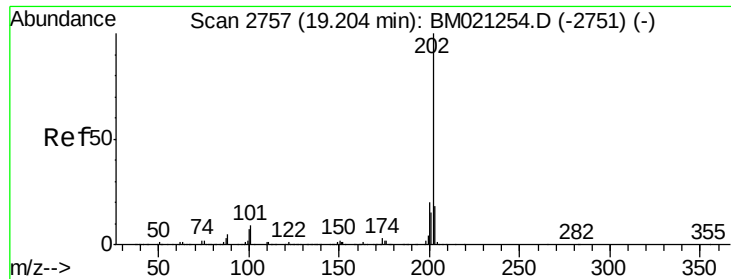
Abundance

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





#76

Fluoranthene

Concen: 10.010 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

BNA_M

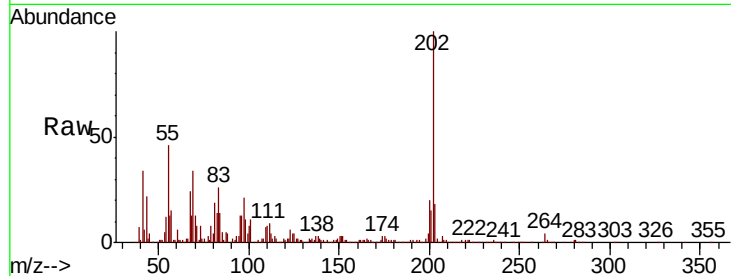
ClientSampled :

C5BD5

Tot Ion:	202	Resp:	991567
Ion Ratio	Lower	Upper	
202	100		
101	10.7	6.7	10.1#
100	7.8	5.5	8.3

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM

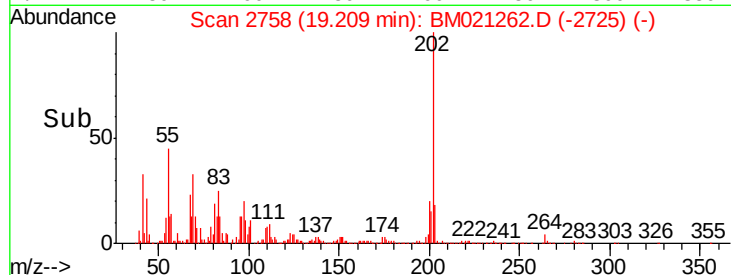


Abundance Ion 202.00 (201.70 to 202.70): E

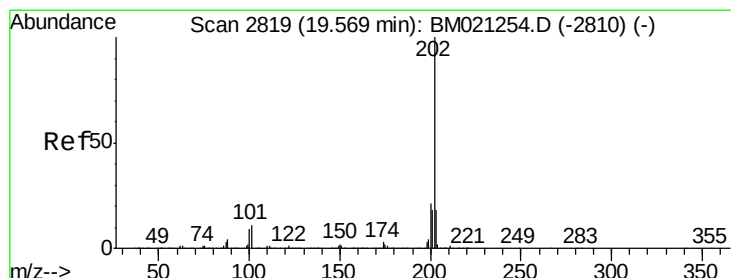
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#79

Pyrene

Concen: 9.685 ng/ul

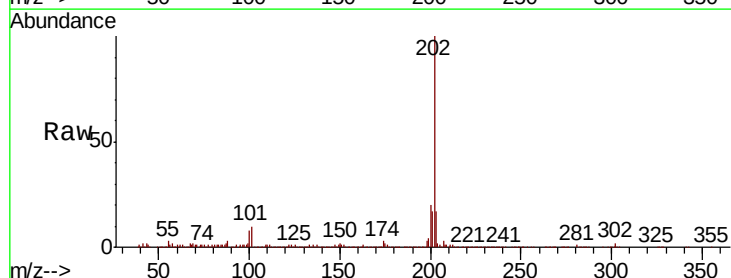
RT: 19.57 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Tgt Ion:	202	Resp:	817353
Ion Ratio	Lower	Upper	
202	100		
101	10.0	8.1	12.1
100	8.1	6.6	10.0

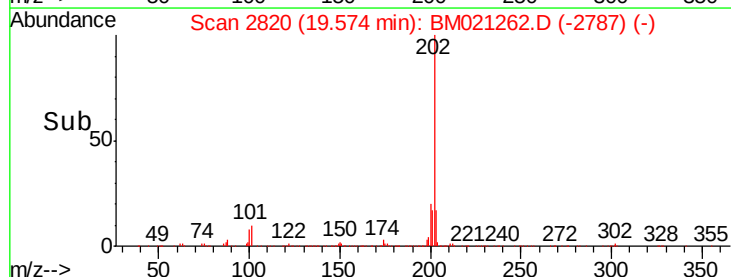


Abundance Ion 202.00 (201.70 to 202.70): E

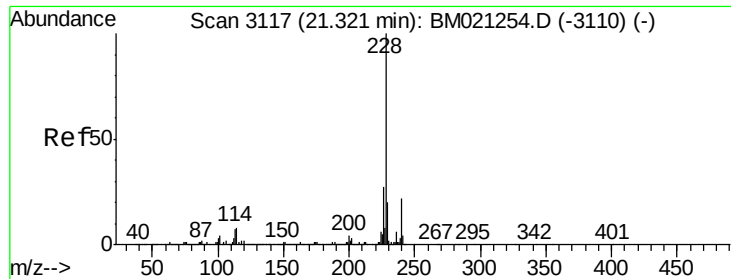
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



Time-->



#82

Benzo(a)anthracene

Concen: 5.028 ng/ul

RT: 21.32 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

BNA_M

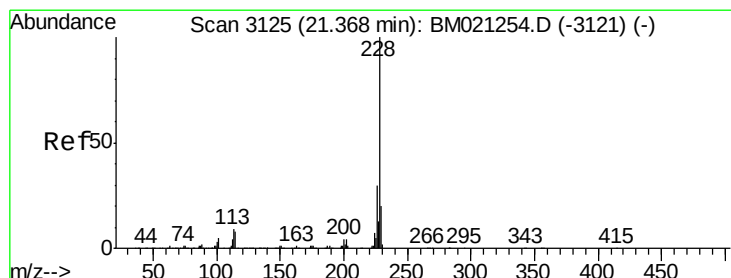
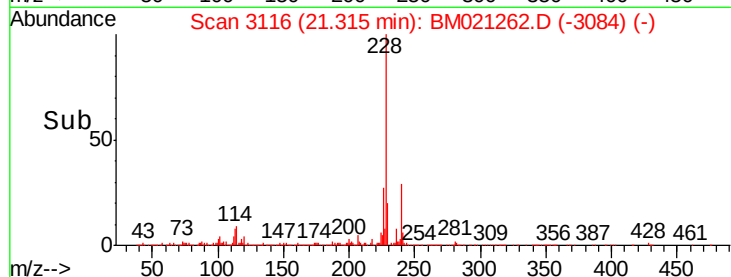
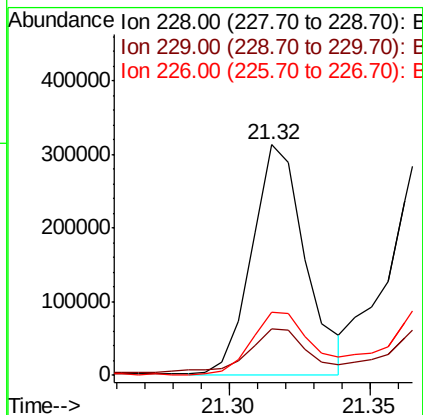
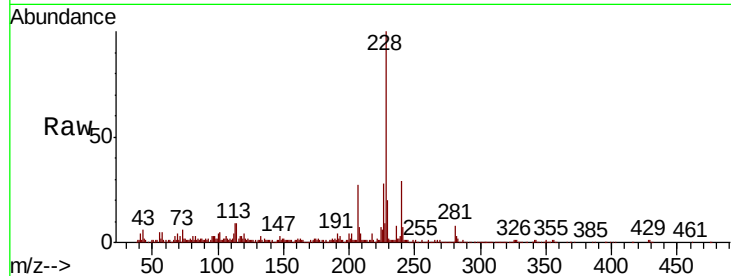
ClientSampleId :

C5BD5

Tot Ion:	228	Resp:	409237
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.8
226	27.6	21.4	32.2

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM



#84

Chrysene

Concen: 6.202 ng/ul

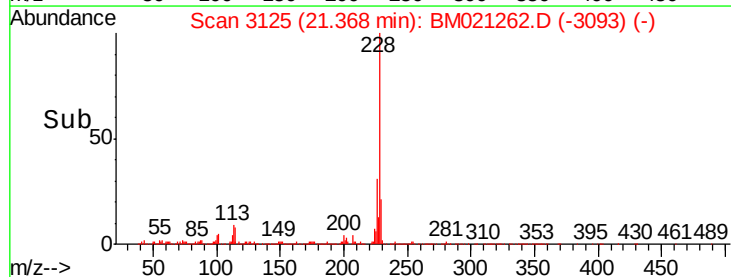
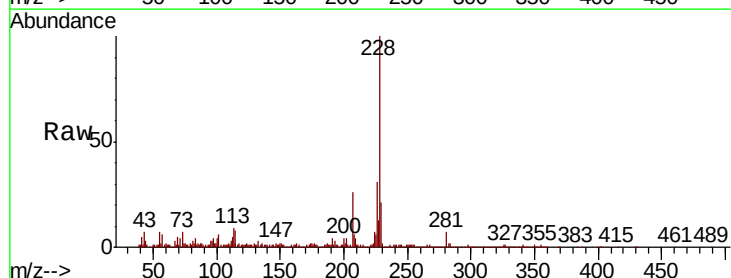
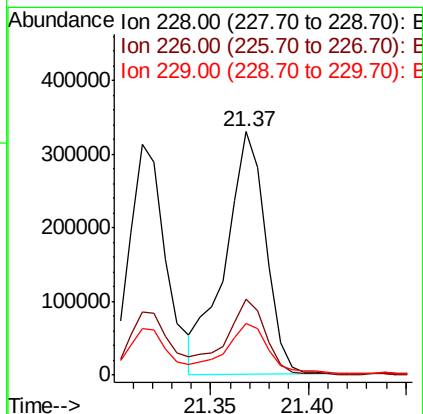
RT: 21.37 min Scan# 3125

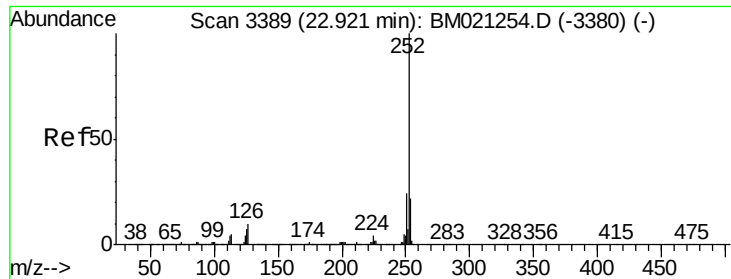
Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Tgt Ion:	228	Resp:	472747
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.9	35.9
229	21.5	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 8.675 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

BNA_M

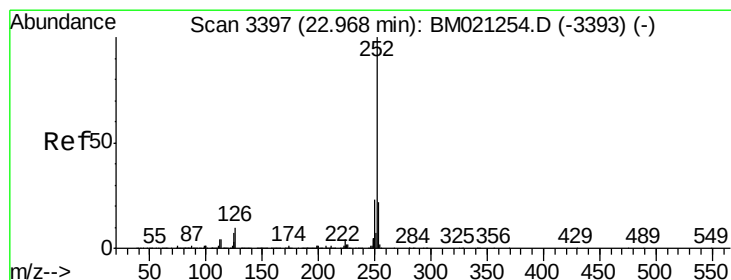
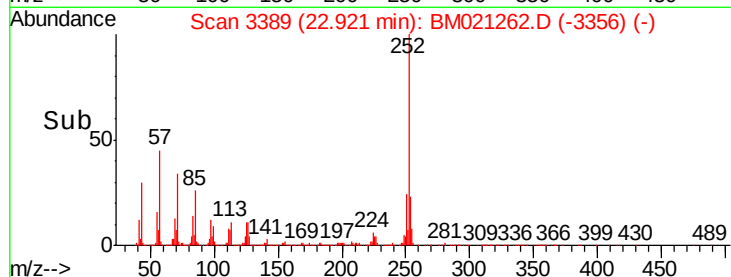
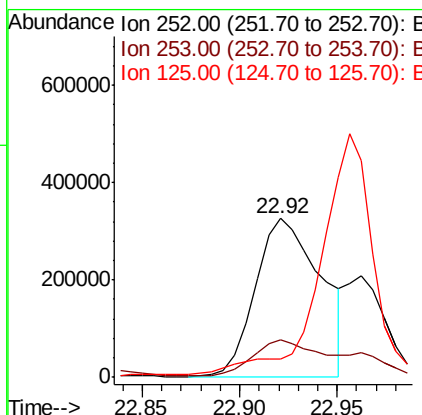
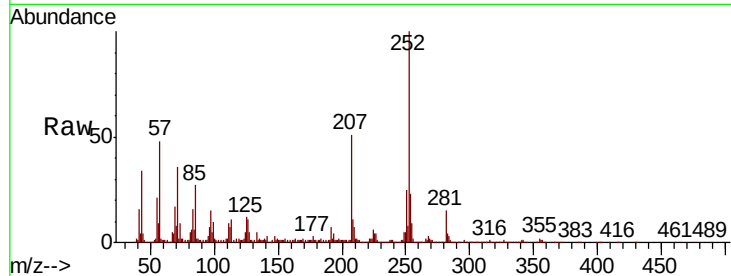
ClientSampleId :

C5BD5

Tot Ion:	252	Resp:	757476
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.5	26.3
125	11.6	6.3	9.5#

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM



#88

Benzo(k)fluoranthene

Concen: 3.425 ng/ul m

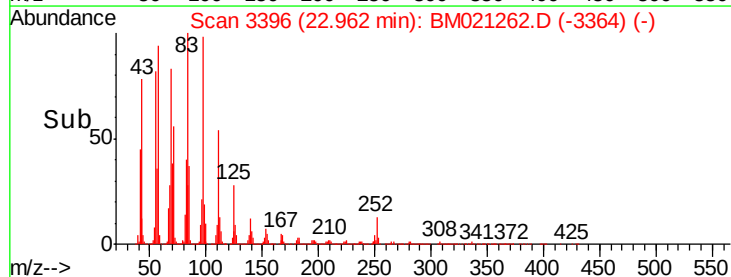
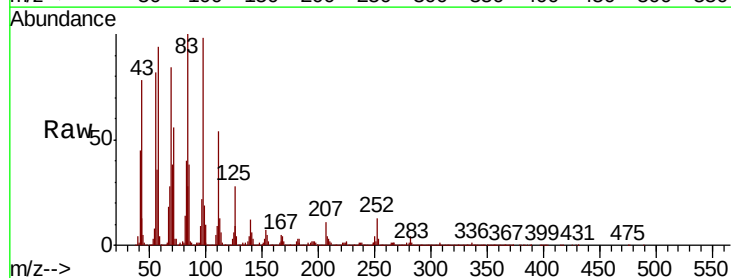
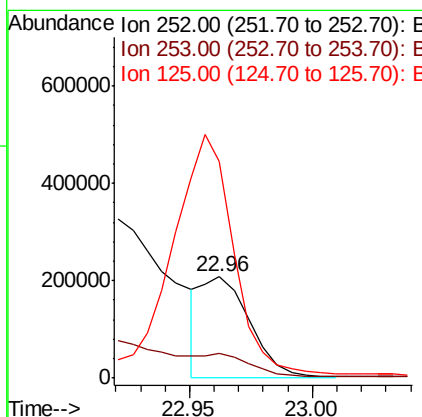
RT: 22.96 min Scan# 3396

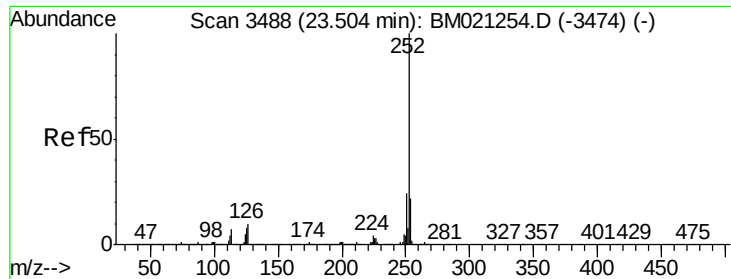
Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Tgt Ion:	252	Resp:	287727
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.5	26.3
125	214.4	6.6	9.8#





#90

Benzo(a)pyrene

Concen: 5.513 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Instrument :

BNA_M

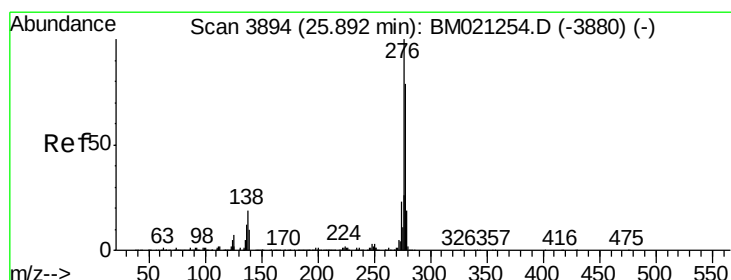
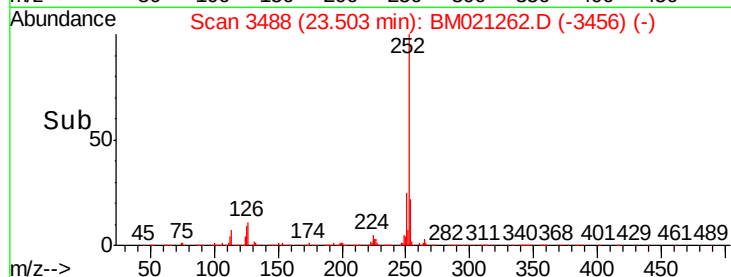
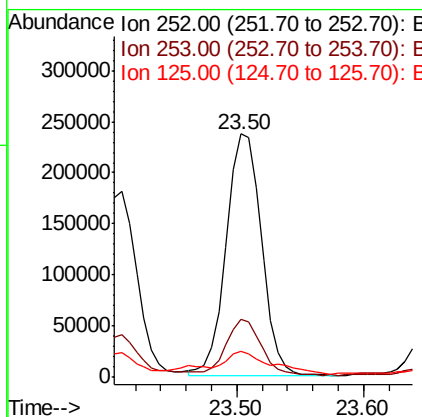
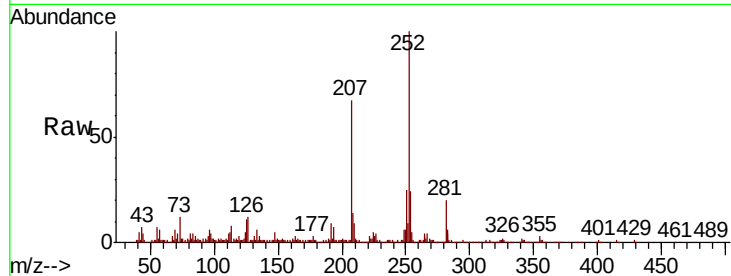
ClientSampleId :

C5BD5

Tot Ion:	252	Resp:	453095
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	10.6	7.2	10.8

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM



#91

Indeno(1,2,3-cd)pyrene

Concen: 3.944 ng/ul

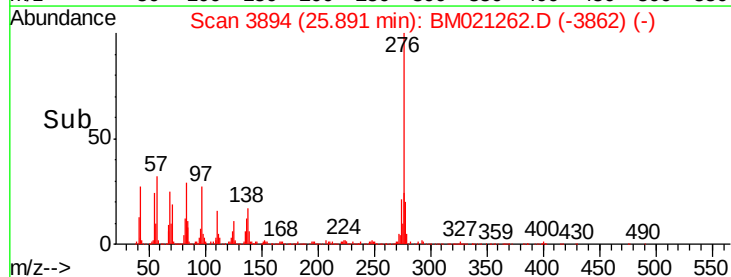
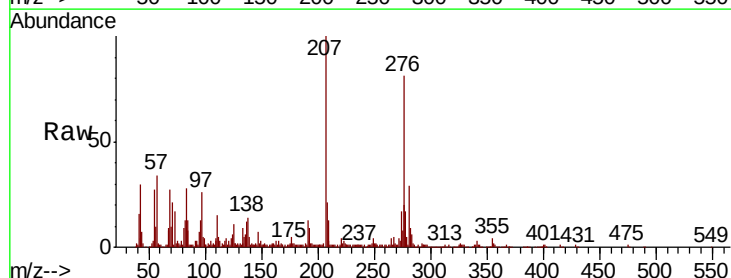
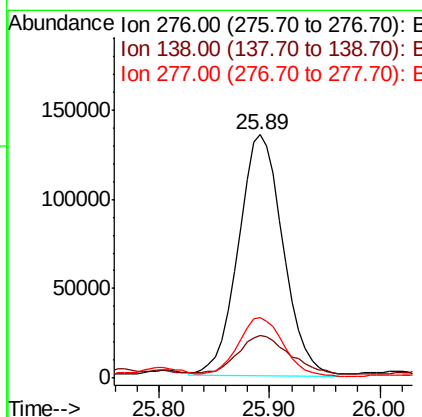
RT: 25.89 min Scan# 3894

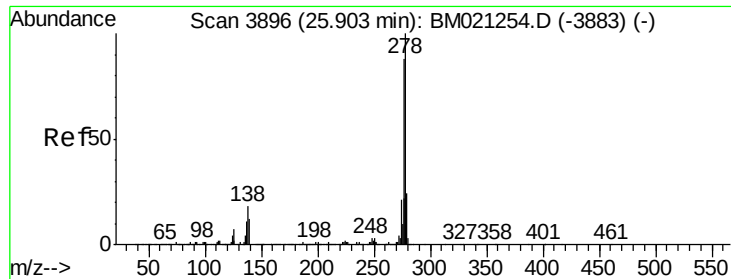
Delta R.T. -0.01 min

Lab File: BM021262.D

Acq: 29 Jun 2019 15:14

Tgt Ion:	276	Resp:	381693
Ion Ratio	Lower	Upper	
276	100		
138	17.4	15.9	23.9
277	24.9	20.4	30.6





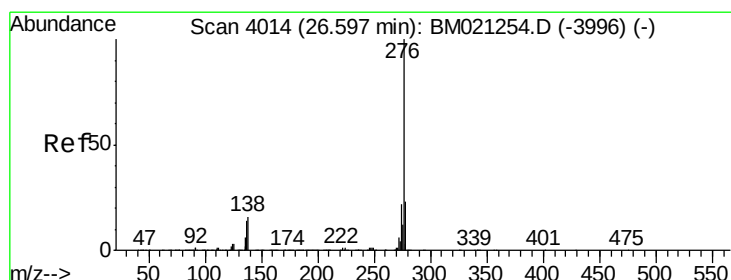
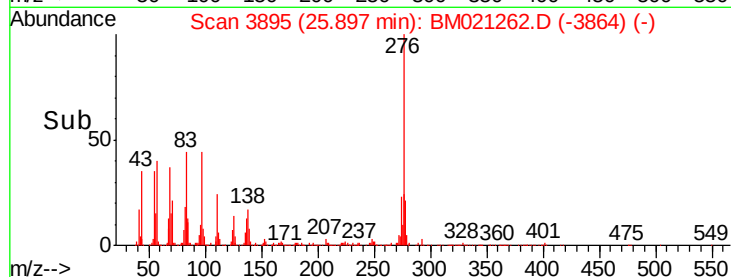
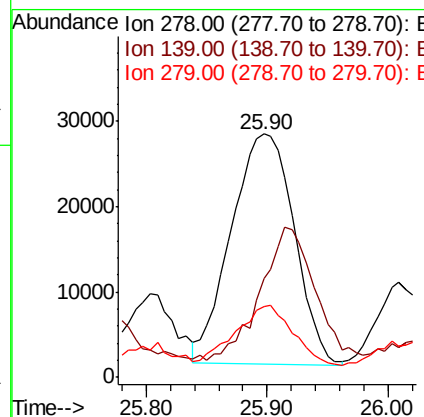
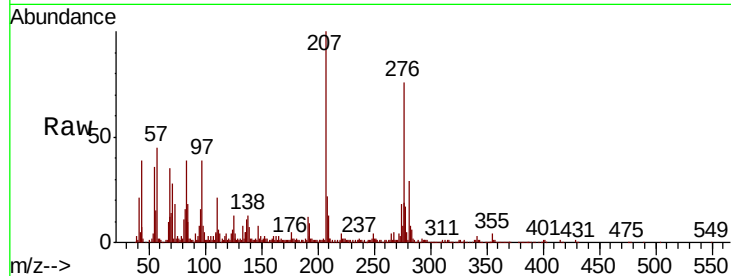
#92
Dibenzo(a,h)anthracene
Concen: 1.200 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM021262.D
Acq: 29 Jun 2019 15:14

Instrument :
BNA_M
ClientSampleId :
C5BD5

Tot Ion	Ratio	Lower	Upper
278	100		
139	40.4	10.6	15.8#
279	29.1	19.0	28.4#

Manual Integrations
APPROVED

mohammad
7/1/2019 2:42:45 PM



#93
Benzo(g,h,i)perylene
Concen: 4.006 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM021262.D
Acq: 29 Jun 2019 15:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	14.6	21.8
277	24.9	18.9	28.3

