

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030468.D
 Acq On : 16 Jun 2021 15:06
 Operator : CG/JU
 Sample : M2596-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5Q3

Manual Integrations
 APPROVED

mohammad
 6/17/2021 12:16:59 PM

Quant Time: Jun 16 15:36:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 10:51:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	176737	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	663994	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	394026	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	785201	20.000	ng/ul	0.00
79) Chrysene-d12	21.350	240	844799	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	945855	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15808	3.415	ng/uL	0.00
4) Pyridine-d5	3.728	84	99210	8.157	ng/ul	0.01
7) Phenol-d5	6.993	99	251240	16.356	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	167319	16.877	ng/ul	0.00
11) 2-Chlorophenol-d4	7.357	132	218600	19.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	184273	15.021	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	105178	23.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	100889	22.350	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.233	165	191600	19.485	ng/ul	0.00
31) 4-Chloroaniline-d4	10.728	131	335204	22.300	ng/ul	-0.02
46) Dimethylphthalate-d6	13.857	166	537844	19.890	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	699361	20.703	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	44399	8.772	ng/ul	0.01
60) Fluorene-d10	15.439	176	494102	20.411	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	38663	8.530	ng/ul	0.00
73) Anthracene-d10	17.280	188	755325	21.150	ng/ul	0.00
81) Pyrene-d10	19.568	212	709848	16.054	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.474	264	544274	11.540	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.663	128	1370117	40.708	ng/ul	98
36) 2-Methylnaphthalene	12.269	142	840107	35.086	ng/ul	99
37) 1-Methylnaphthalene	12.492	142	379935	15.633	ng/ul	100
72) Phenanthrene	17.227	178	125425	2.954	ng/ul	99
80) Fluoranthene	19.233	202	408207	7.513	ng/ul	99
82) Pyrene	19.598	202	339870	5.915	ng/ul	96
85) Benzo(a)anthracene	21.333	228	413858	8.108	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.262	149	78070	2.854	ng/ul#	98
87) Chrysene	21.386	228	375872	7.468	ng/ul	98
90) Benzo(b)fluoranthene	22.939	252	669965	11.019	ng/ul	99
91) Benzo(k)fluoranthene	22.974	252	188713m	3.249	ng/ul	
93) Benzo(a)pyrene	23.521	252	233704	4.398	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.915	276	241783	3.697	ng/ul#	93
95) Dibenzo(a,h)anthracene	25.927	278	95413	1.733	ng/ul#	92

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

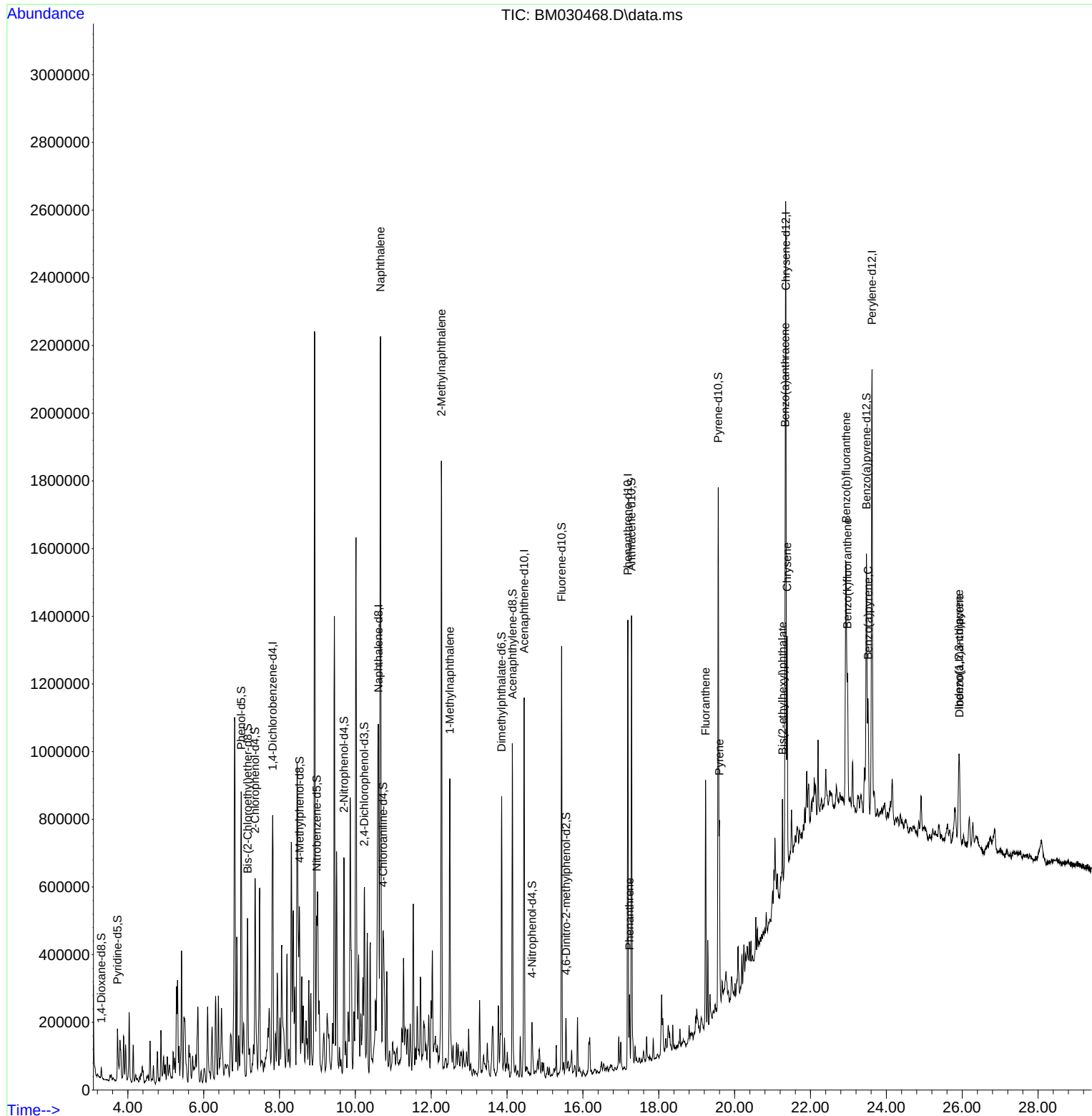
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
Data File : BM030468.D
Acq On : 16 Jun 2021 15:06
Operator : CG/JU
Sample : M2596-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

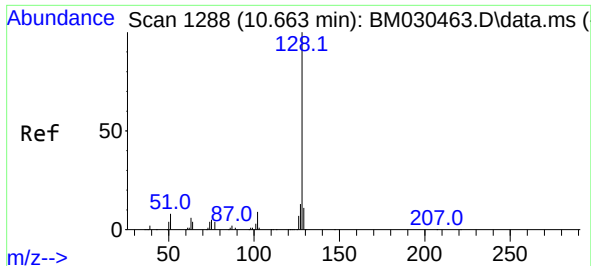
Instrument :
BNA_M
ClientSampleId :
BG5Q3

Manual Integrations
APPROVED

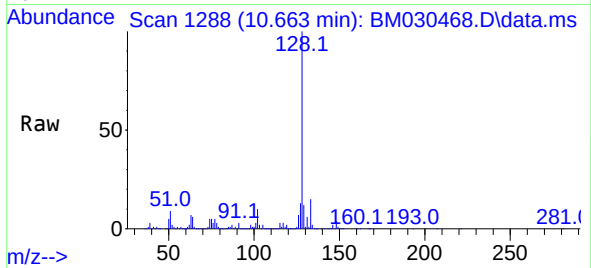
mohammad
6/17/2021 12:16:59 PM

Quant Time: Jun 16 15:36:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 16 10:51:23 2021
Response via : Initial Calibration

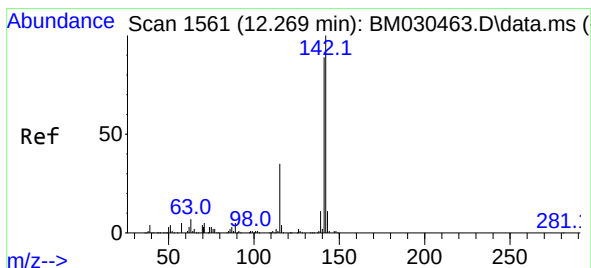
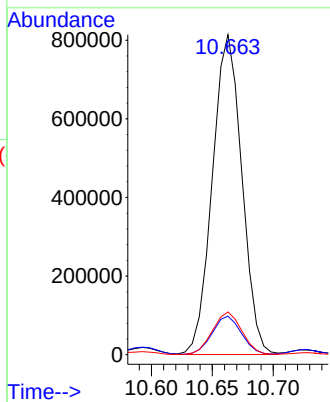
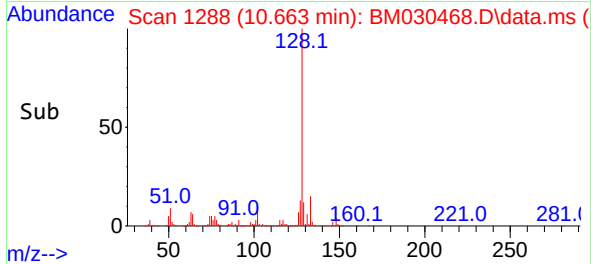




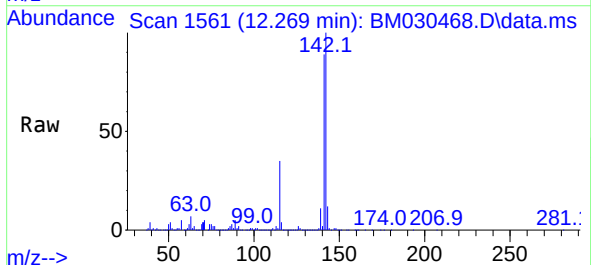
#30
Naphthalene
Concen: 40.708 ng/ul
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06



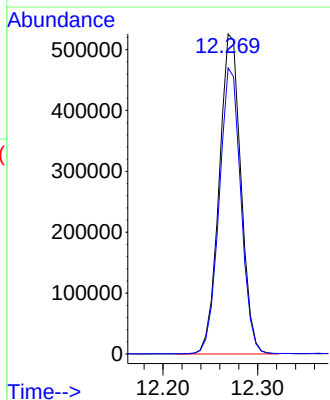
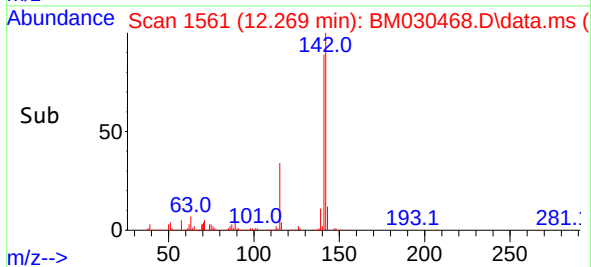
Tgt Ion:128 Resp: 1370117
Ion Ratio Lower Upper
128 100
129 12.1 8.6 13.0
127 13.4 10.2 15.2



#36
2-Methylnaphthalene
Concen: 35.086 ng/ul
RT: 12.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06



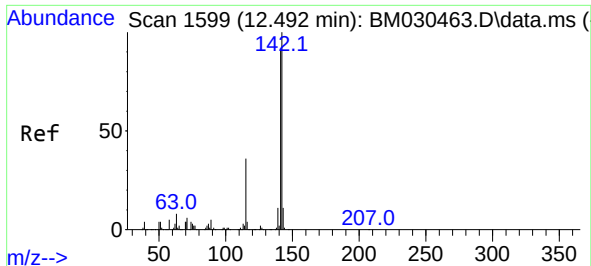
Tgt Ion:142 Resp: 840107
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2



Instrument :
BNA_M
ClientSampleId :
BG5Q3

Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:59 PM



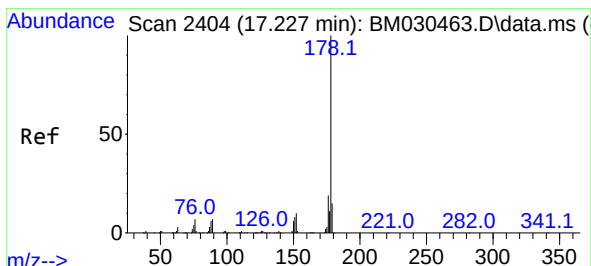
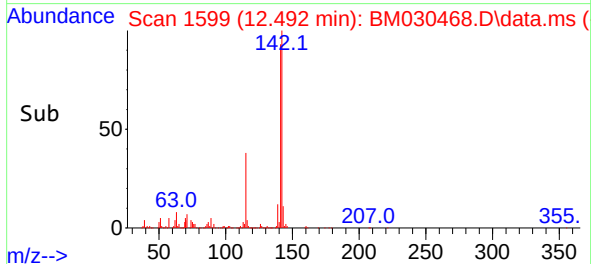
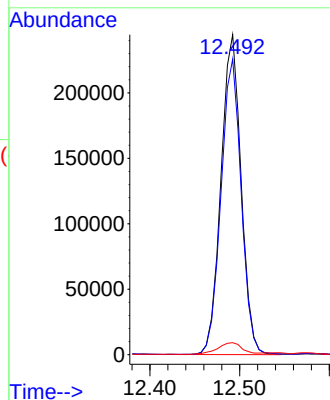
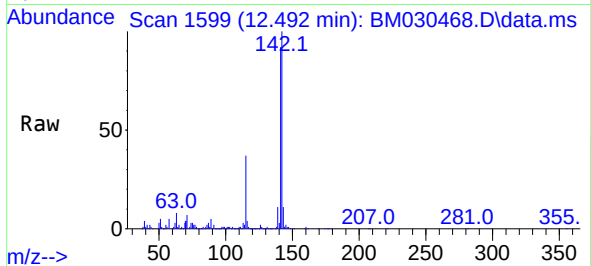
#37
1-Methylnaphthalene
Concen: 15.633 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

Tgt Ion:142 Resp: 379935
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.2
116 3.8 3.3 4.9

Instrument :
BNA_M
ClientSampled :
BG5Q3

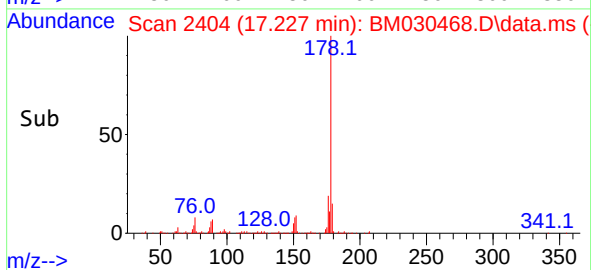
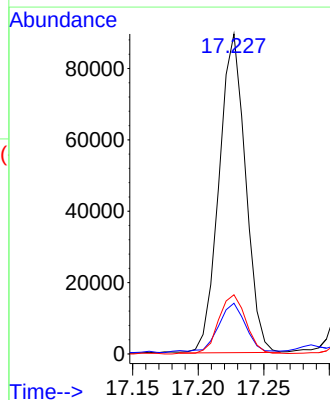
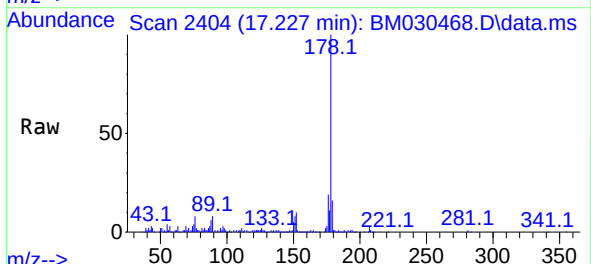
Manual Integrations
APPROVED

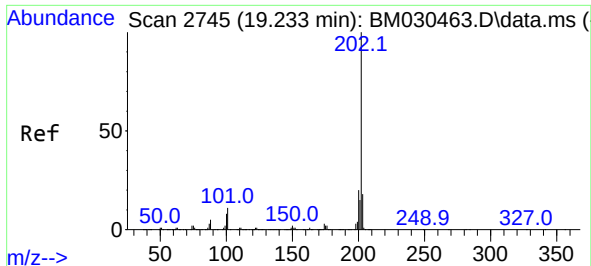
mohammad
6/17/2021 12:16:59 PM



#72
Phenanthrene
Concen: 2.954 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

Tgt Ion:178 Resp: 125425
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.2
176 18.5 15.0 22.6





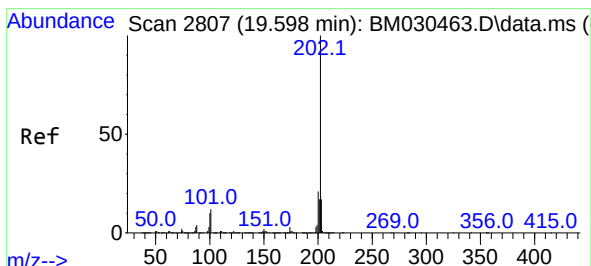
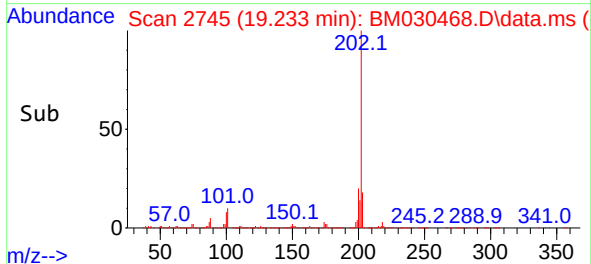
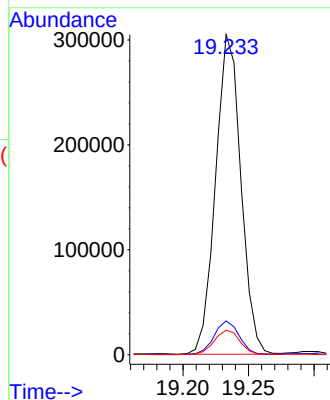
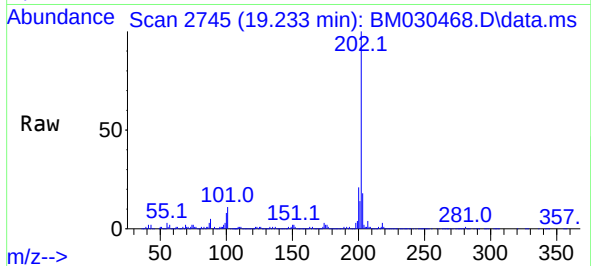
#80
Fluoranthene
Concen: 7.513 ng/u1
RT: 19.233 min Scan# 2745
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

Tgt Ion:202 Resp: 408207
Ion Ratio Lower Upper
202 100
101 10.5 8.7 13.1
100 7.7 6.6 10.0

Instrument :
BNA_M
ClientSampled :
BG5Q3

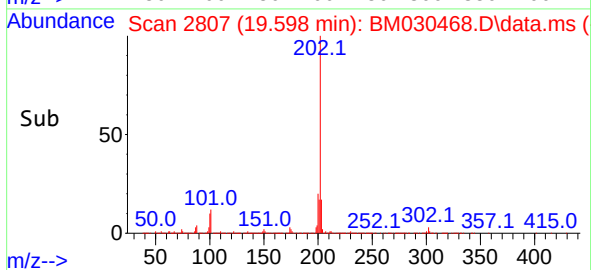
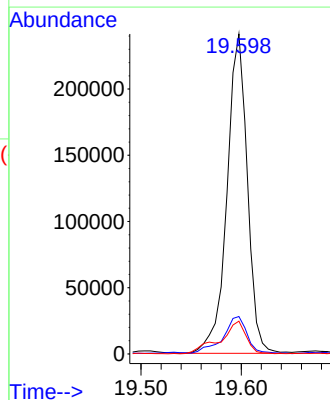
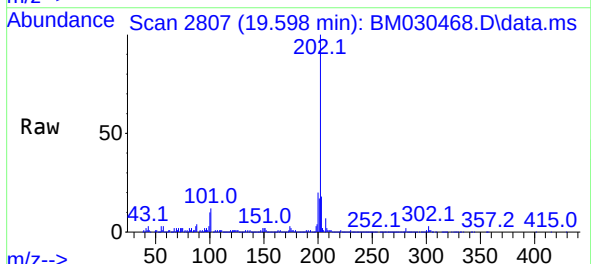
Manual Integrations
APPROVED

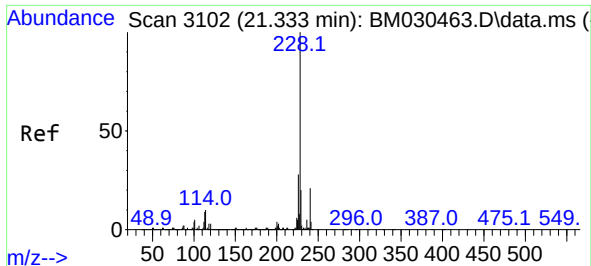
mohammad
6/17/2021 12:16:59 PM



#82
Pyrene
Concen: 5.915 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

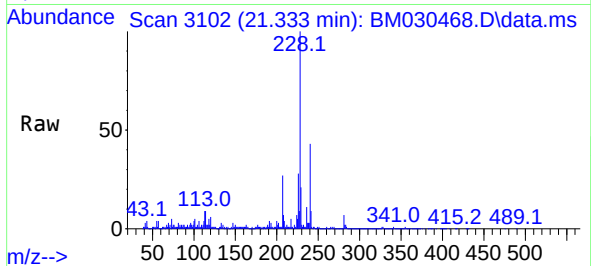
Tgt Ion:202 Resp: 339870
Ion Ratio Lower Upper
202 100
101 11.7 10.8 16.2
100 10.3 9.1 13.7





#85
Benzo(a)anthracene
Concen: 8.108 ng/ul
RT: 21.333 min Scan# 3102
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

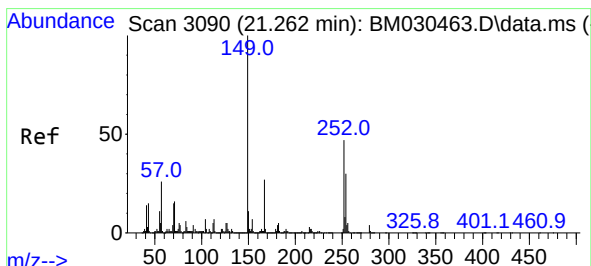
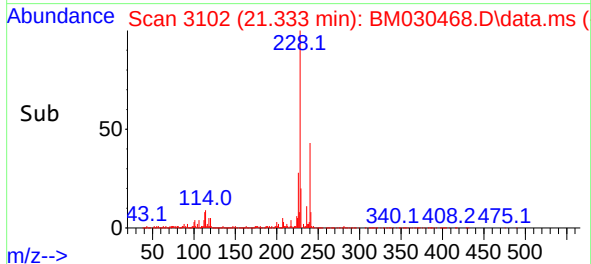
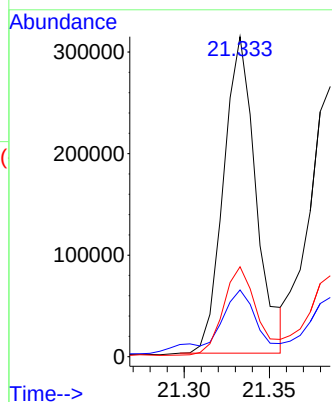
Instrument :
BNA_M
ClientSampled :
BG5Q3



Tgt Ion:228 Resp: 413858
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.1 22.2 33.2

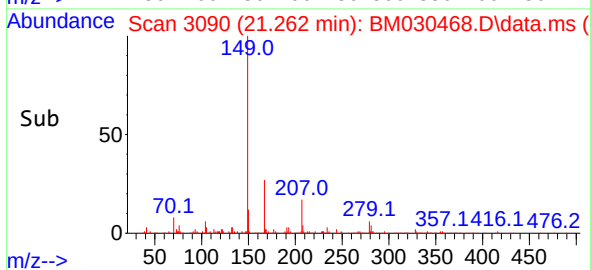
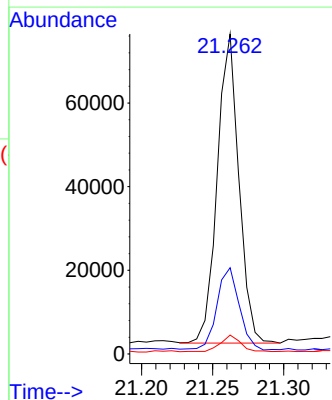
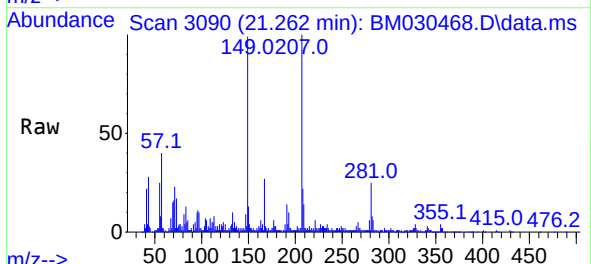
Manual Integrations
APPROVED

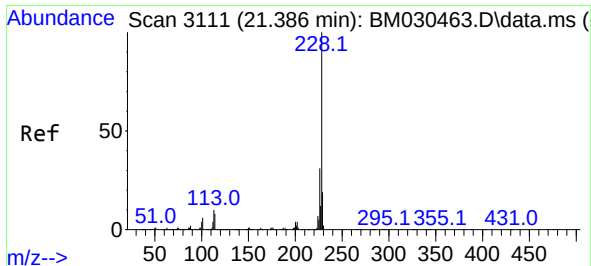
mohammad
6/17/2021 12:16:59 PM



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.854 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

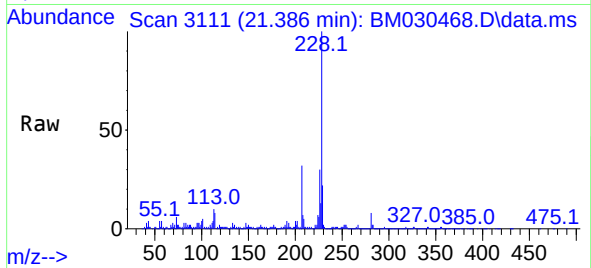
Tgt Ion:149 Resp: 78070
Ion Ratio Lower Upper
149 100
167 27.0 20.9 31.3
279 5.9 3.0 4.6#





#87
Chrysene
Concen: 7.468 ng/u1
RT: 21.386 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

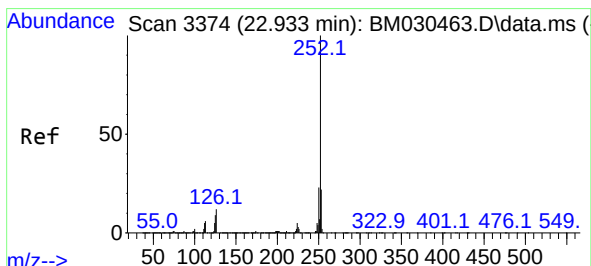
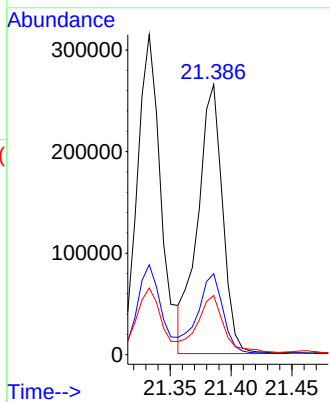
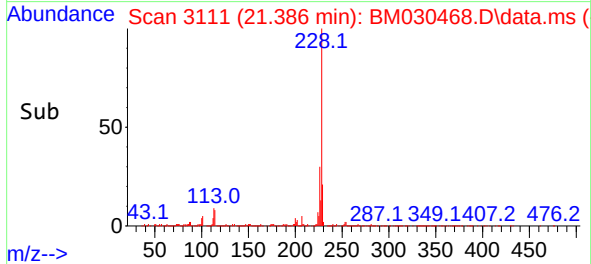
Instrument :
BNA_M
ClientSampled :
BG5Q3



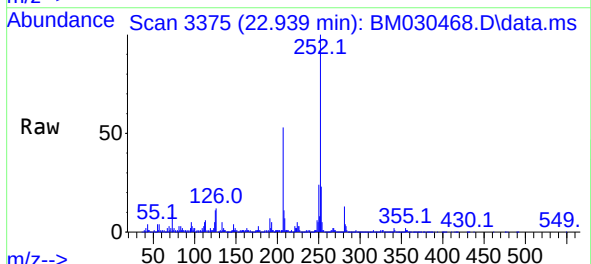
Tgt Ion:228 Resp: 375872
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 21.9 15.8 23.6

Manual Integrations
APPROVED

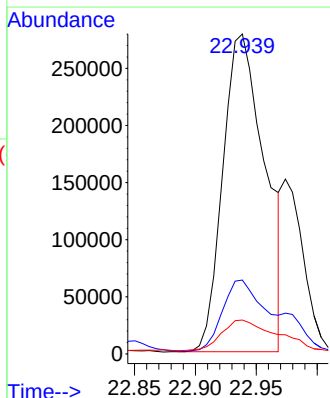
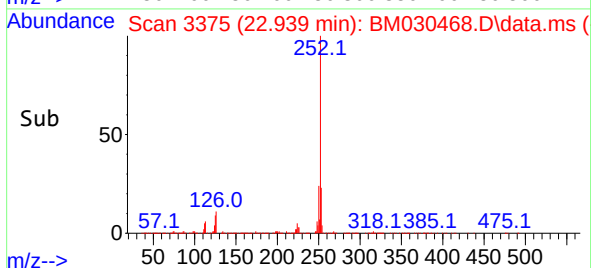
mohammad
6/17/2021 12:16:59 PM

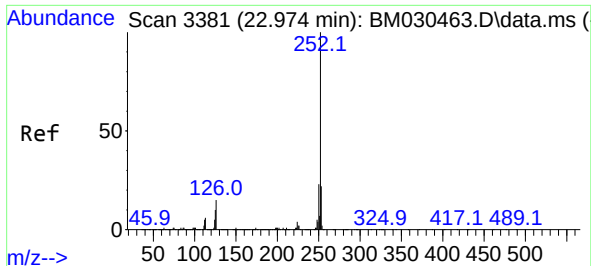


#90
Benzo(b)fluoranthene
Concen: 11.019 ng/u1
RT: 22.939 min Scan# 3375
Delta R.T. 0.006 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06



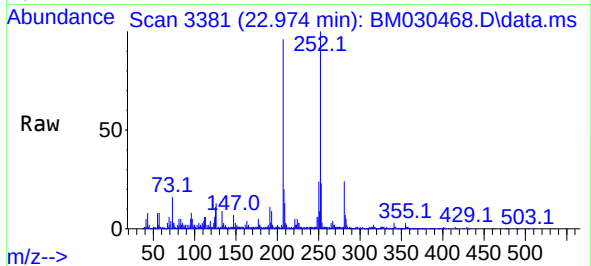
Tgt Ion:252 Resp: 669965
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 10.6 8.6 13.0





#91
Benzo(k)fluoranthene
Concen: 3.249 ng/ul m
RT: 22.974 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

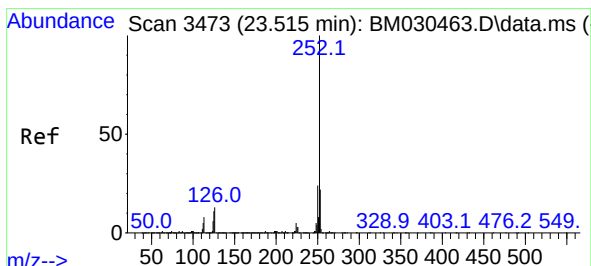
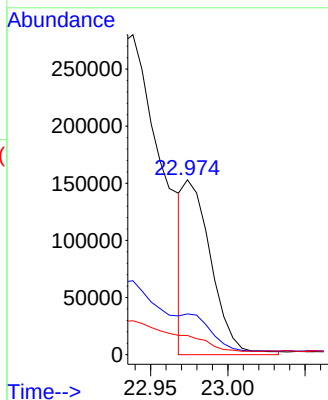
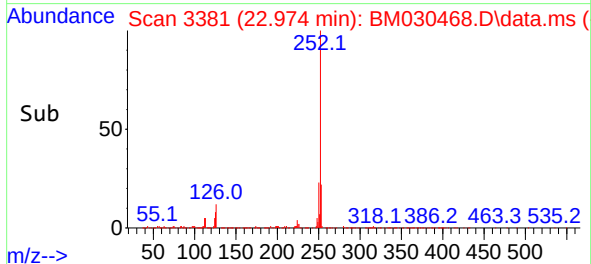
Instrument :
BNA_M
ClientSampleId :
BG5Q3



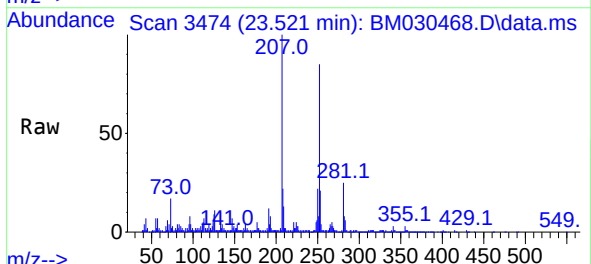
Tgt Ion:252 Resp: 188713
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.0 8.4 12.6

Manual Integrations
APPROVED

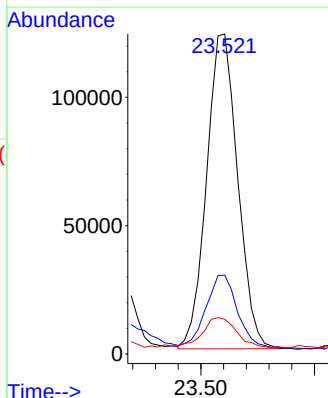
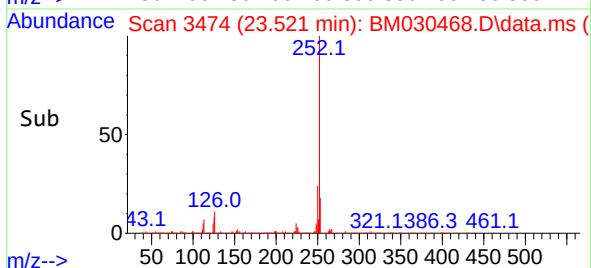
mohammad
6/17/2021 12:16:59 PM

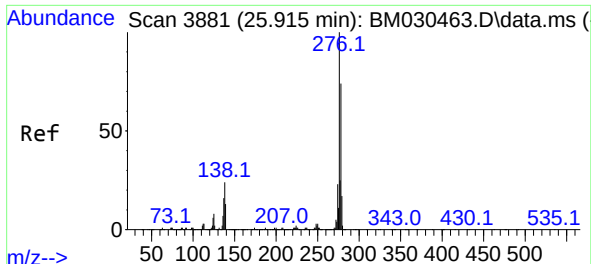


#93
Benzo(a)pyrene
Concen: 4.398 ng/ul
RT: 23.521 min Scan# 3474
Delta R.T. 0.006 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06



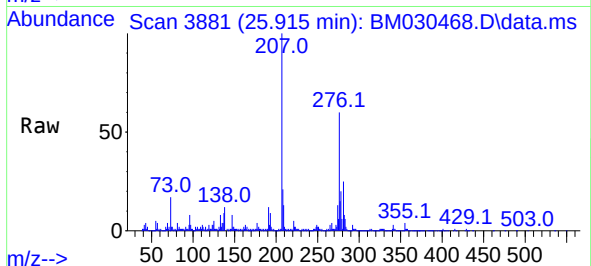
Tgt Ion:252 Resp: 233704
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 10.9 9.5 14.3





#94
Indeno(1,2,3-cd)pyrene
Concen: 3.697 ng/ul
RT: 25.915 min Scan# 3881
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06

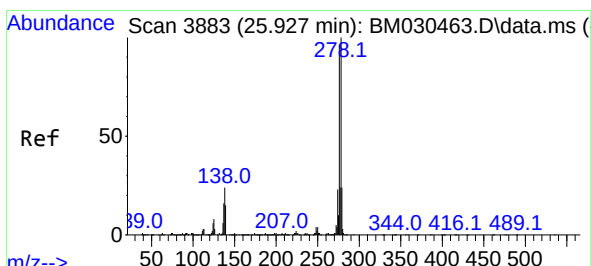
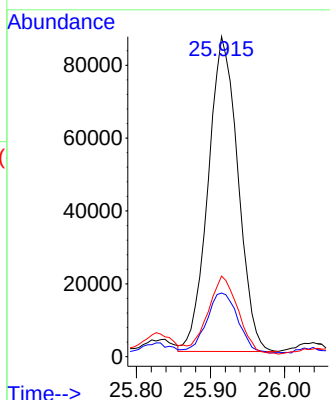
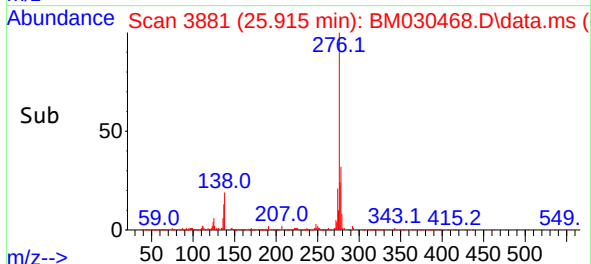
Instrument :
BNA_M
ClientSampled :
BG5Q3



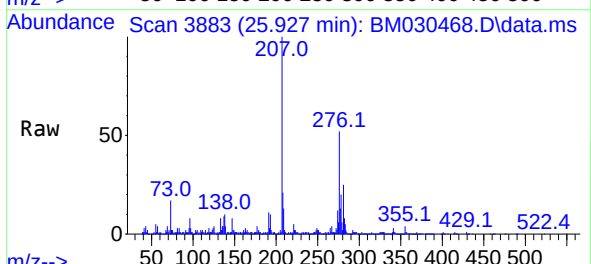
Tgt Ion:276 Resp: 241783
Ion Ratio Lower Upper
276 100
138 19.9 21.8 32.6#
277 25.2 20.3 30.5

Manual Integrations
APPROVED

mohammad
6/17/2021 12:16:59 PM



#95
Dibenzo(a,h)anthracene
Concen: 1.733 ng/ul
RT: 25.927 min Scan# 3883
Delta R.T. 0.000 min
Lab File: BM030468.D
Acq: 16 Jun 2021 15:06



Tgt Ion:278 Resp: 95413
Ion Ratio Lower Upper
278 100
139 18.6 13.4 20.2
279 28.1 18.6 28.0#

