

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030747.D
 Acq On : 01 Jul 2021 17:27
 Operator : CG/JU
 Sample : M2825-07
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR1

Manual Integrations
 APPROVED

mohammad
 7/2/2021 12:02:52 PM

Quant Time: Jul 01 18:02:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 01 05:56:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	68319	20.000	ng/ul	0.00
20) Naphthalene-d8	10.557	136	257812	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	142941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	265943	20.000	ng/ul	0.00
79) Chrysene-d12	21.309	240	276260	20.000	ng/ul	0.00
88) Perylene-d12	23.562	264	327272	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	2481	1.472	ng/uL	0.01
4) Pyridine-d5	3.757	84	11707m	2.586	ng/ul	0.08
7) Phenol-d5	6.945	99	35051	5.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	25218	6.809	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	30350	6.673	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	26475	5.774	ng/ul	0.00
21) Nitrobenzene-d5	8.933	128	12163	6.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	11745	5.494	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	22127	5.403	ng/ul	0.00
31) 4-Chloroaniline-d4	10.716	131	30740	5.382	ng/ul	0.01
46) Dimethylphthalate-d6	13.815	166	70575	7.151	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	84261	6.577	ng/ul	0.00
54) 4-Nitrophenol-d4	14.639	143	4895m	2.618	ng/ul	0.03
60) Fluorene-d10	15.398	176	61593	7.036	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	4022	2.312	ng/ul	0.00
73) Anthracene-d10	17.239	188	89563	7.216	ng/ul	0.00
81) Pyrene-d10	19.527	212	98035	6.772	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	107081	6.293	ng/ul	-0.01
Target Compounds					Qvalue	
47) Dimethylphthalate	13.863	163	31543	3.262	ng/ul#	97
52) Acenaphthene	14.468	153	11409	1.323	ng/ul	99
72) Phenanthrene	17.186	178	65932	4.617	ng/ul	99
74) Anthracene	17.274	178	22697	1.554	ng/ul	96
80) Fluoranthene	19.197	202	74681	4.224	ng/ul	98
82) Pyrene	19.556	202	60217	3.242	ng/ul	99
85) Benzo(a)anthracene	21.297	228	39274	2.291	ng/ul	98
87) Chrysene	21.344	228	36681m	2.195	ng/ul	
90) Benzo(b)fluoranthene	22.885	252	41849	2.014	ng/ul#	91
91) Benzo(k)fluoranthene	22.927	252	21459m	1.075	ng/ul	
93) Benzo(a)pyrene	23.462	252	30225	1.618	ng/ul	96

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

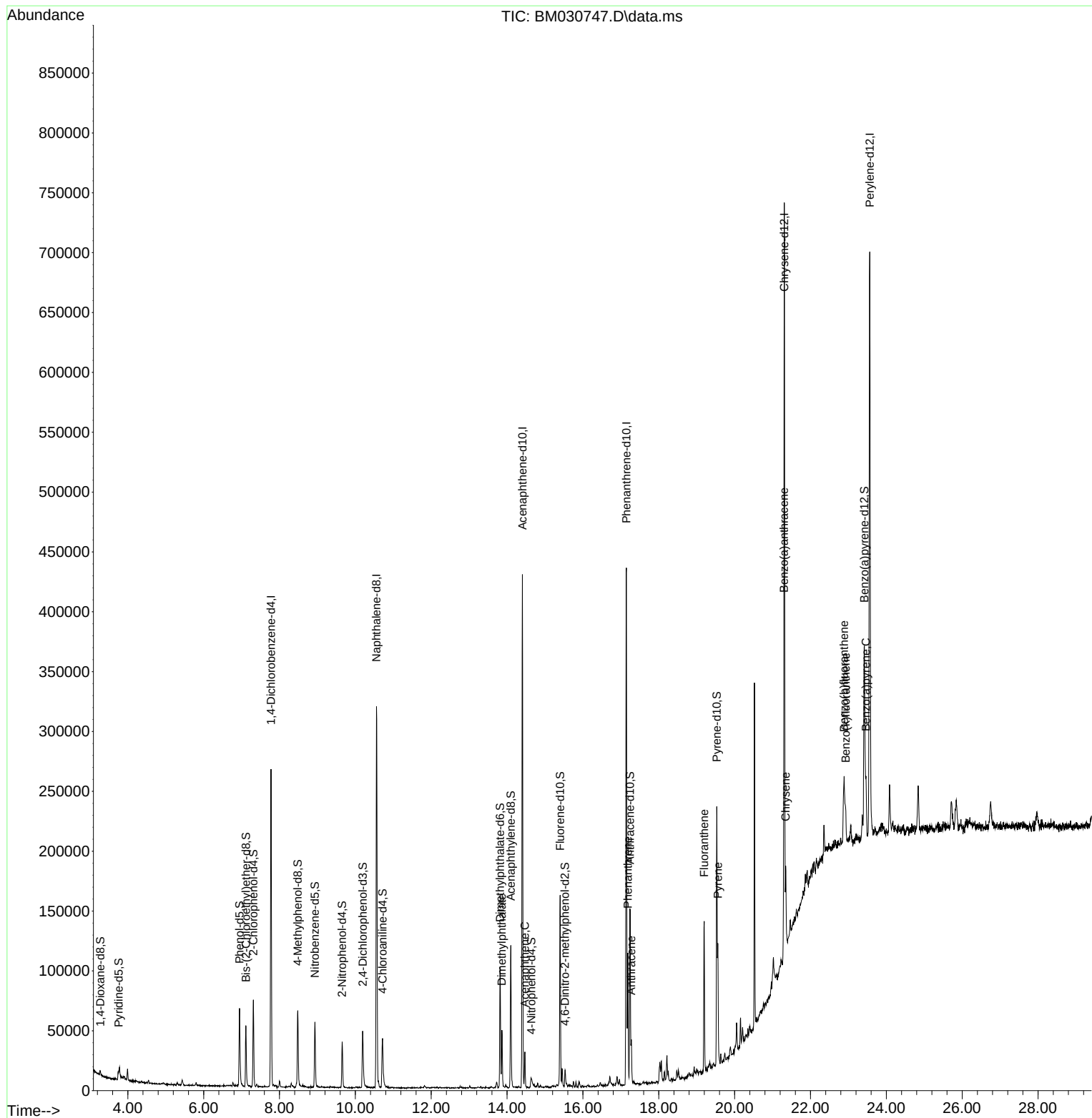
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030747.D
Acq On : 01 Jul 2021 17:27
Operator : CG/JU
Sample : M2825-07
Misc :
ALS Vial : 50 Sample Multiplier: 1

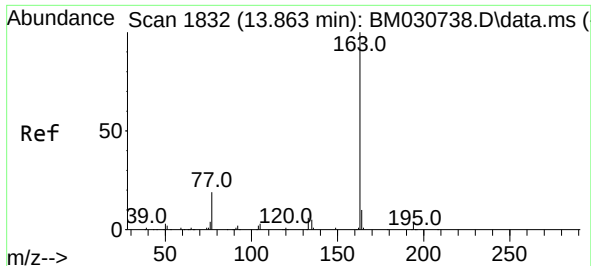
Instrument :
BNA_M
ClientSampleId :
BGDR1

Manual Integrations
APPROVED

mohammad
7/2/2021 12:02:52 PM

Quant Time: Jul 01 18:02:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 01 05:56:56 2021
Response via : Initial Calibration





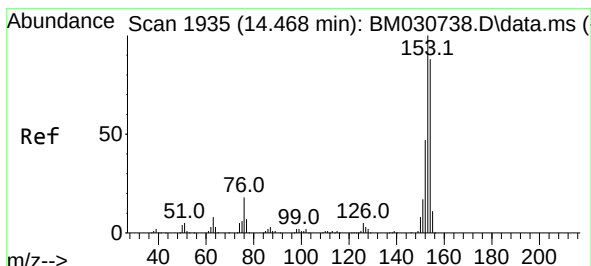
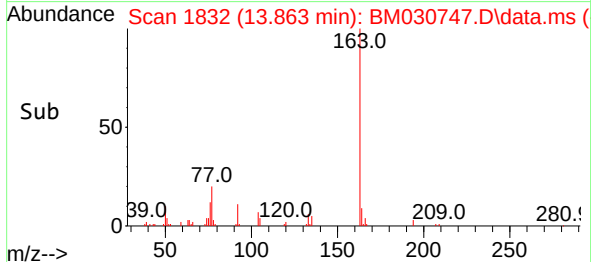
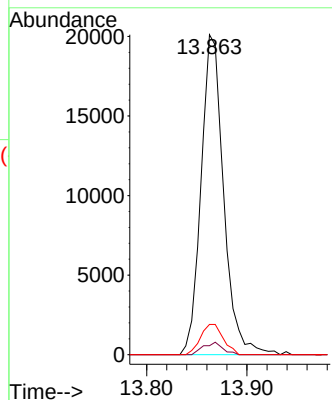
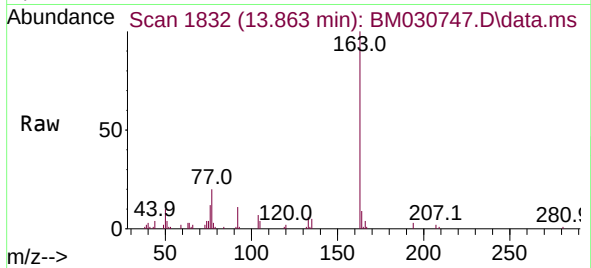
#47
Dimethylphthalate
Concen: 3.262 ng/ul
RT: 13.863 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

Tgt Ion:163 Resp: 31543
Ion Ratio Lower Upper
163 100
194 2.8 3.2 4.8#
164 9.5 8.2 12.4

Instrument :
BNA_M
ClientSampled :
BGDR1

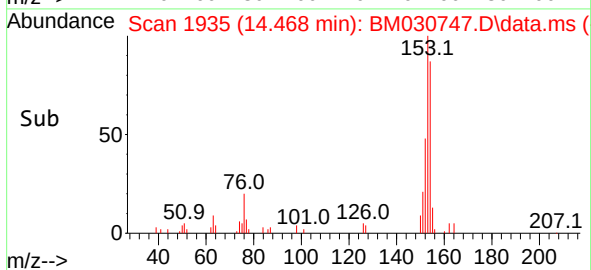
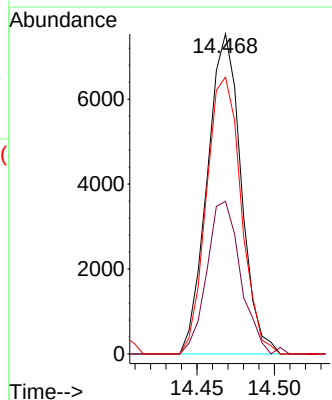
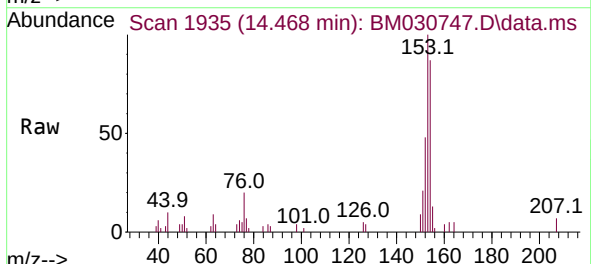
Manual Integrations
APPROVED

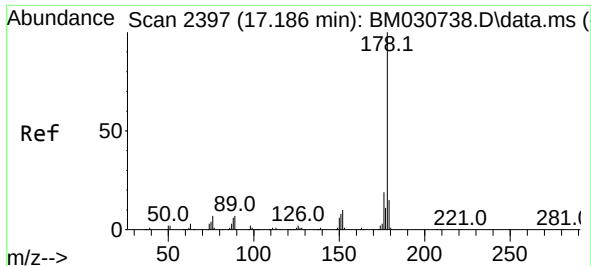
mohammad
7/2/2021 12:02:52 PM



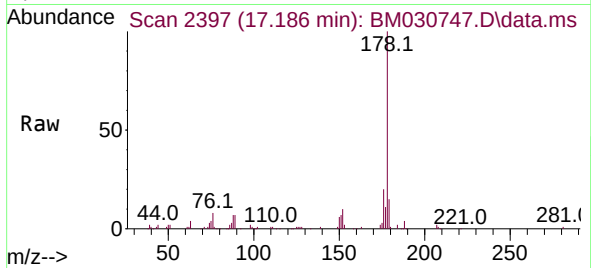
#52
Acenaphthene
Concen: 1.323 ng/ul
RT: 14.468 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

Tgt Ion:153 Resp: 11409
Ion Ratio Lower Upper
153 100
152 47.7 37.4 56.2
154 86.5 69.4 104.0

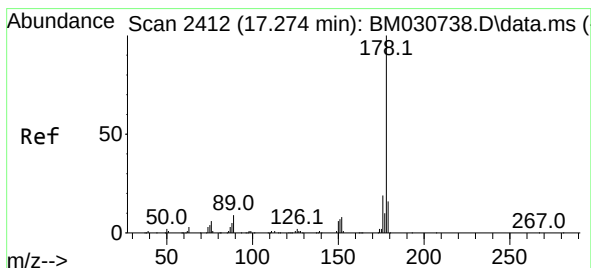
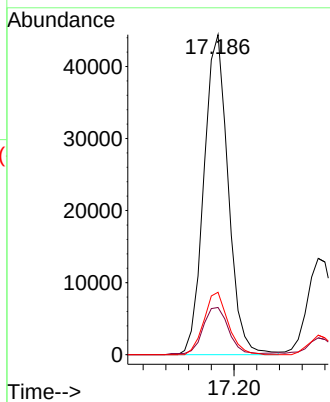
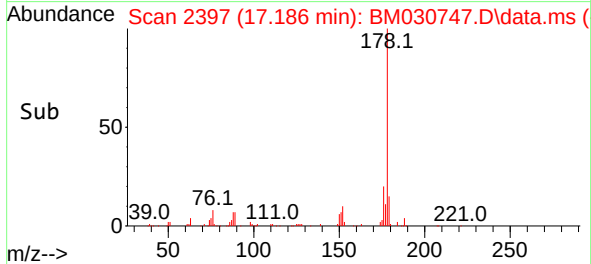




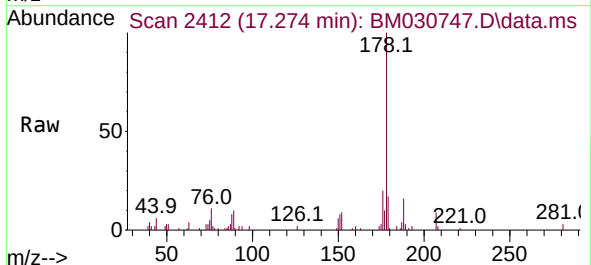
#72
Phenanthrene
Concen: 4.617 ng/ul
RT: 17.186 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27



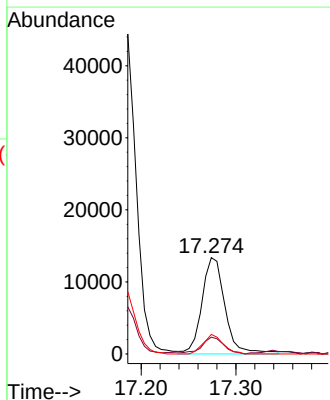
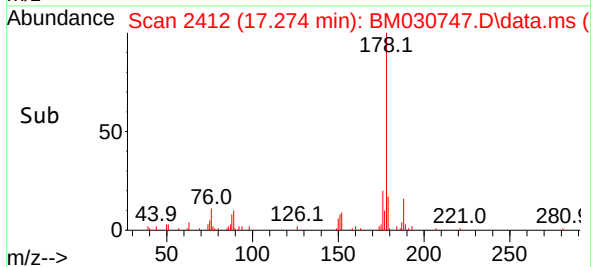
Tgt Ion:178 Resp: 65932
Ion Ratio Lower Upper
178 100
179 14.7 12.1 18.1
176 19.5 15.2 22.8



#74
Anthracene
Concen: 1.554 ng/ul
RT: 17.274 min Scan# 2412
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27



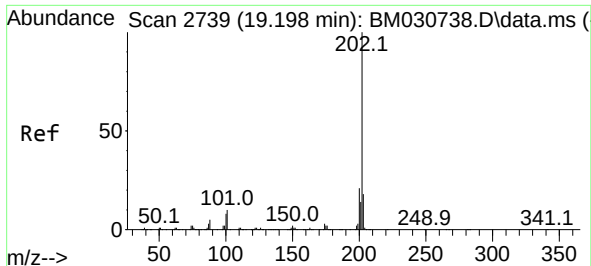
Tgt Ion:178 Resp: 22697
Ion Ratio Lower Upper
178 100
179 17.4 12.1 18.1
176 20.2 15.2 22.8



Instrument :
BNA_M
ClientSampleId :
BGDR1

Manual Integrations
APPROVED

mohammad
7/2/2021 12:02:52 PM



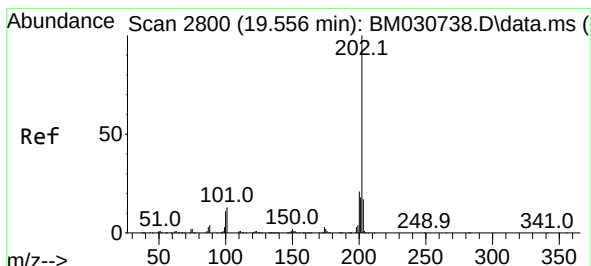
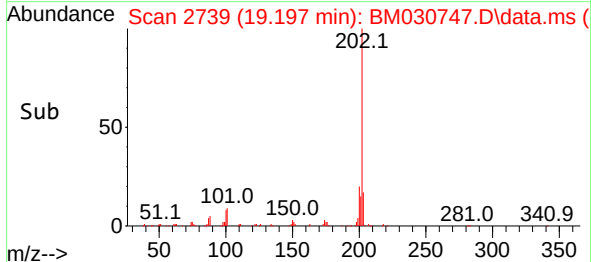
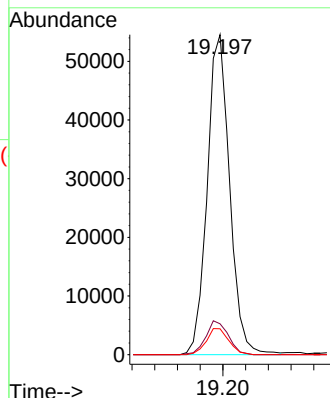
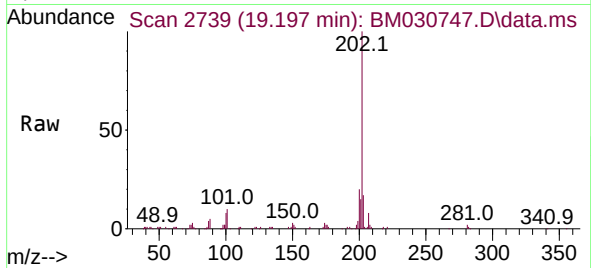
#80
Fluoranthene
Concen: 4.224 ng/ul
RT: 19.197 min Scan# 2739
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.8	13.2
100	8.1	6.8	10.2

Instrument :
BNA_M
ClientSampleId :
BGDR1

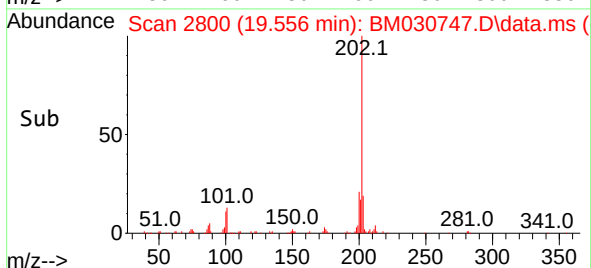
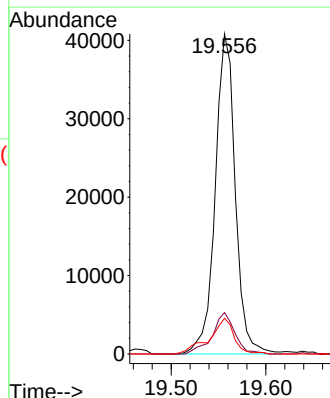
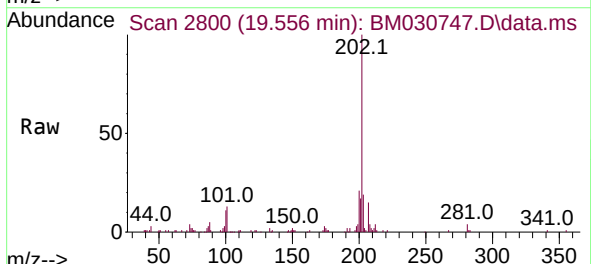
Manual Integrations
APPROVED

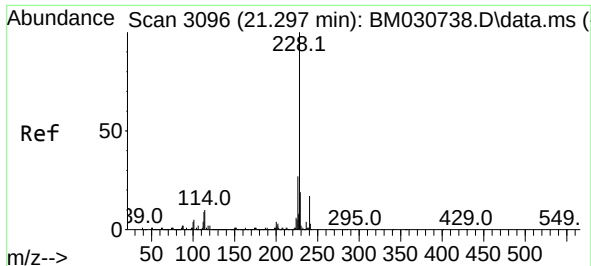
mohammad
7/2/2021 12:02:52 PM



#82
Pyrene
Concen: 3.242 ng/ul
RT: 19.556 min Scan# 2800
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

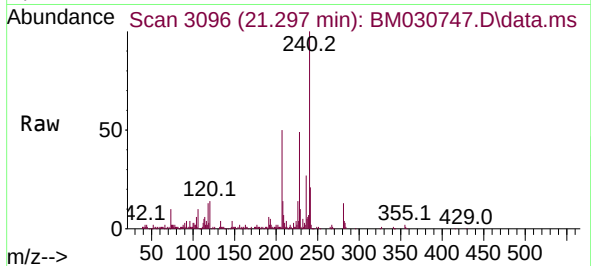
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	11.2	8.5	12.7





#85
Benzo(a)anthracene
Concen: 2.291 ng/ul
RT: 21.297 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

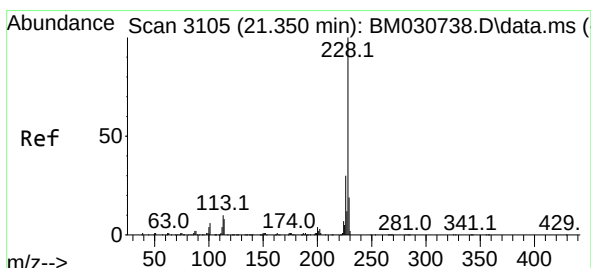
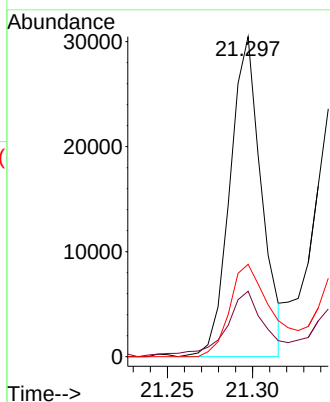
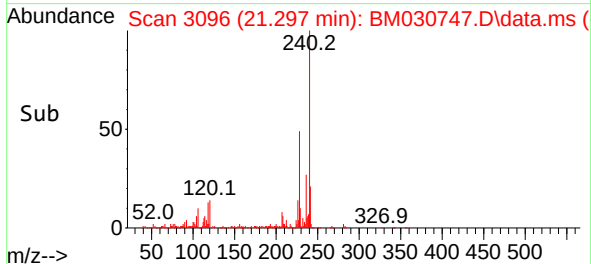
Instrument :
BNA_M
ClientSampleId :
BGDR1



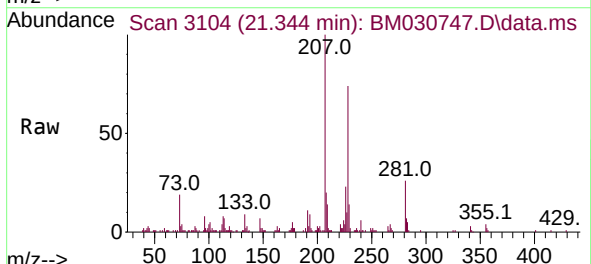
Tgt Ion:228 Resp: 39274
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 28.8 22.2 33.2

Manual Integrations
APPROVED

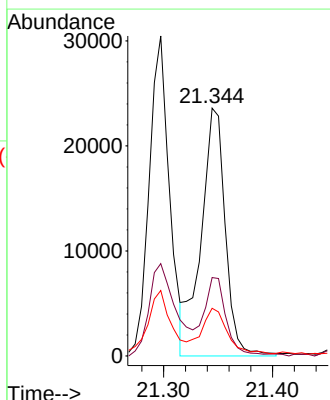
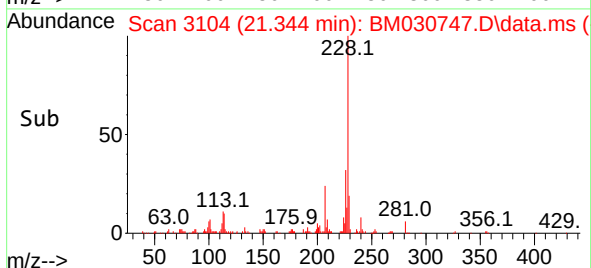
mohammad
7/2/2021 12:02:52 PM

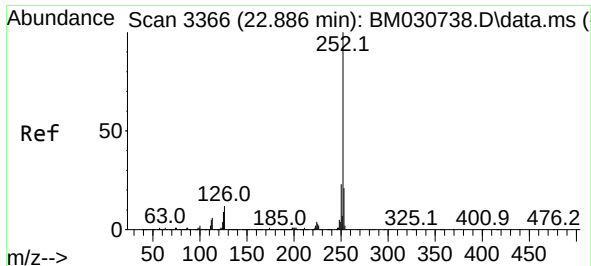


#87
Chrysene
Concen: 2.195 ng/ul m
RT: 21.344 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27



Tgt Ion:228 Resp: 36681
Ion Ratio Lower Upper
228 100
226 31.6 23.6 35.4
229 19.2 15.9 23.9





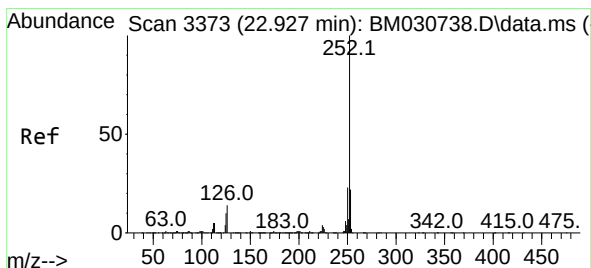
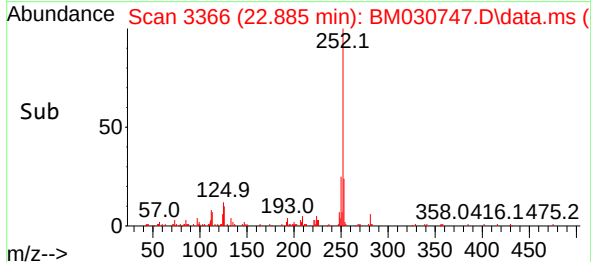
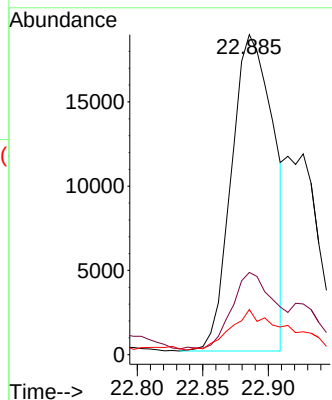
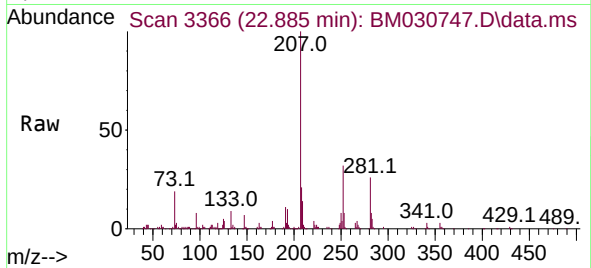
#90
Benzo(b)fluoranthene
Concen: 2.014 ng/ul
RT: 22.885 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

Tgt Ion:252 Resp: 41849
Ion Ratio Lower Upper
252 100
253 25.7 17.8 26.6
125 14.1 7.7 11.5#

Instrument :
BNA_M
ClientSampled :
BGDR1

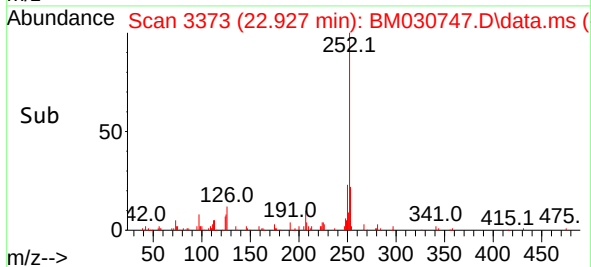
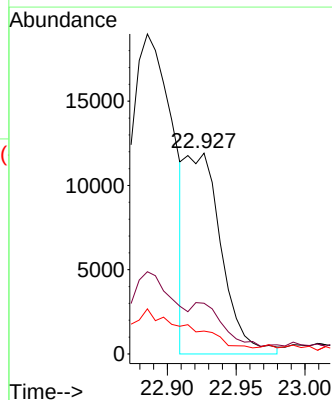
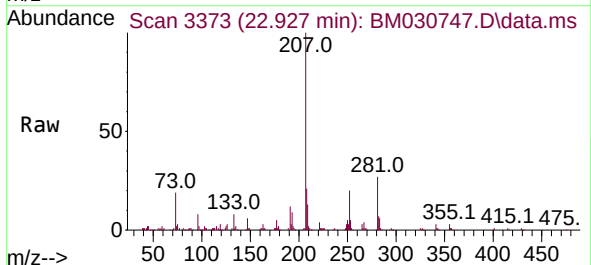
Manual Integrations
APPROVED

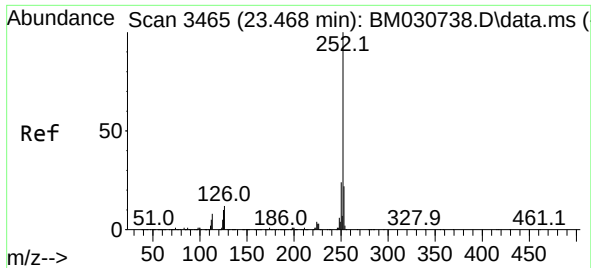
mohammad
7/2/2021 12:02:52 PM



#91
Benzo(k)fluoranthene
Concen: 1.075 ng/ul m
RT: 22.927 min Scan# 3373
Delta R.T. -0.012 min
Lab File: BM030747.D
Acq: 01 Jul 2021 17:27

Tgt Ion:252 Resp: 21459
Ion Ratio Lower Upper
252 100
253 25.3 17.4 26.2
125 11.4 7.9 11.9





#93

Benzo(a)pyrene

Concen: 1.618 ng/ul

RT: 23.462 min Scan# 3464

Delta R.T. -0.012 min

Lab File: BM030747.D

Acq: 01 Jul 2021 17:27

Tgt Ion:	252	Resp:	30225
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.5	26.3
125	11.5	8.6	13.0

Instrument :

BNA_M

ClientSampleId :

BGDR1

Manual Integrations
APPROVED

mohammad
7/2/2021 12:02:52 PM

