

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030481.D
 Acq On : 17 Jun 2021 00:12
 Operator : CG/JU
 Sample : M2596-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5R3

Manual Integrations
 APPROVED

mohammad
 6/17/2021 12:17:33 PM

Quant Time: Jun 17 04:14:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	183876	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	700897	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	438895	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	926841m	20.000	ng/ul	0.00
79) Chrysene-d12	21.350	240	1058379	20.000	ng/ul	0.00
88) Perylene-d12	23.627	264	1151122	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	13234	2.748	ng/uL	0.01
4) Pyridine-d5	3.734	84	104123	8.229	ng/ul	0.02
7) Phenol-d5	6.998	99	345745	21.635	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.157	67	212595	20.612	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	296090	25.619	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	224661	17.602	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	135027	28.144	ng/ul	0.00
24) 2-Nitrophenol-d4	9.698	143	145433	30.521	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.239	165	275675	26.560	ng/ul	0.00
31) 4-Chloroaniline-d4	10.751	131	228563	14.405	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	782703	25.987	ng/ul	0.00
49) Acenaphthylene-d8	14.145	160	1015128	26.978	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	110923	19.675	ng/ul	0.01
60) Fluorene-d10	15.439	176	730306	27.084	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.562	200	35936m	6.717	ng/ul	0.00
73) Anthracene-d10	17.286	188	1127424	26.744	ng/ul	0.00
81) Pyrene-d10	19.568	212	967031	17.457	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.485	264	858541	14.957	ng/ul	0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.174	152	41266	1.148	ng/ul#	95
72) Phenanthrene	17.227	178	426271m	8.506	ng/ul	
74) Anthracene	17.321	178	138080	2.730	ng/ul	99
80) Fluoranthene	19.239	202	893515	13.127	ng/ul	96
82) Pyrene	19.598	202	585741	8.137	ng/ul#	94
83) Butylbenzylphthalate	20.492	149	29059	1.286	ng/ul	86
85) Benzo(a)anthracene	21.339	228	540706	8.455	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.262	149	298463	8.708	ng/ul#	95
87) Chrysene	21.386	228	569487	9.031	ng/ul	97
90) Benzo(b)fluoranthene	22.944	252	744421	10.061	ng/ul#	90
91) Benzo(k)fluoranthene	22.985	252	231030m	3.269	ng/ul	
93) Benzo(a)pyrene	23.533	252	146529	2.266	ng/ul#	66
94) Indeno(1,2,3-cd)pyrene	25.932	276	169124	2.125	ng/ul	93
95) Dibenzo(a,h)anthracene	25.932	278	99532	1.485	ng/ul#	71

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

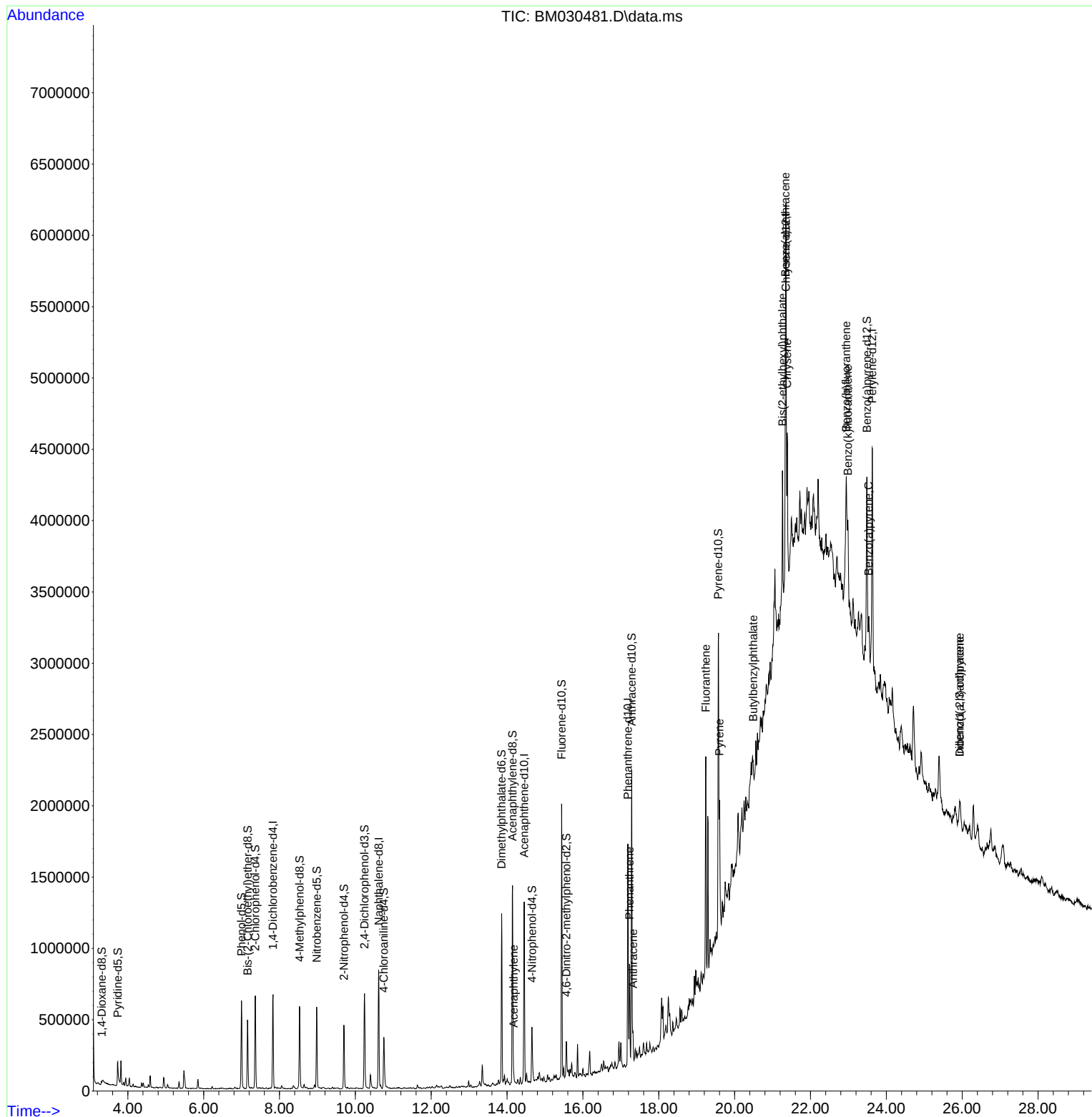
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061621\
 Data File : BM030481.D
 Acq On : 17 Jun 2021 00:12
 Operator : CG/JU
 Sample : M2596-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

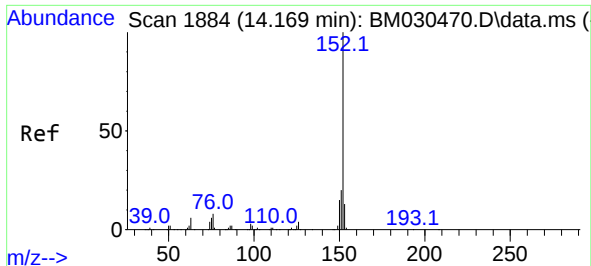
Instrument :
 BNA_M
 ClientSampleId :
 BG5R3

Manual Integrations
 APPROVED

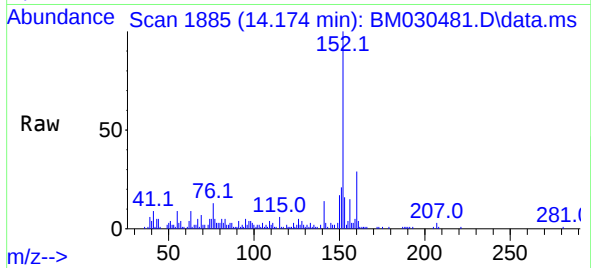
mohammad
 6/17/2021 12:17:33 PM

Quant Time: Jun 17 04:14:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 16 18:05:47 2021
 Response via : Initial Calibration

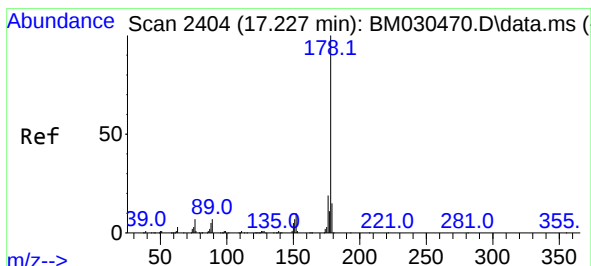
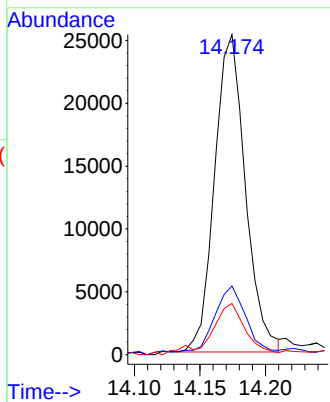
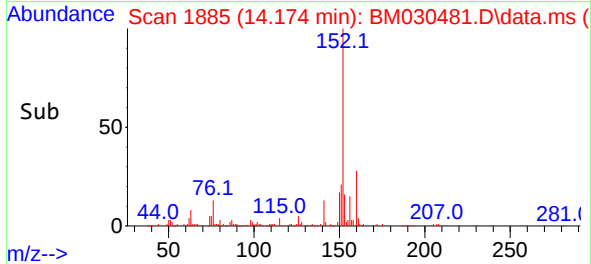




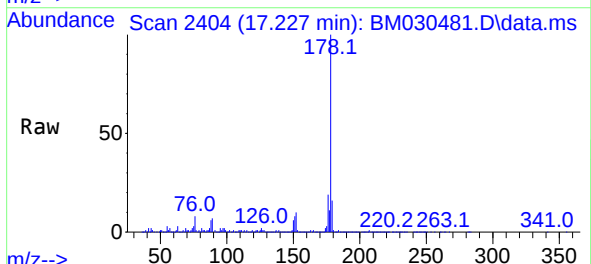
#50
Acenaphthylene
Concen: 1.148 ng/ul
RT: 14.174 min Scan# 1885
Delta R.T. 0.006 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



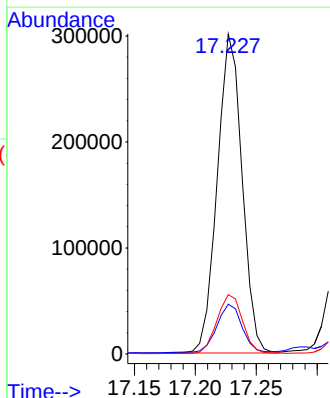
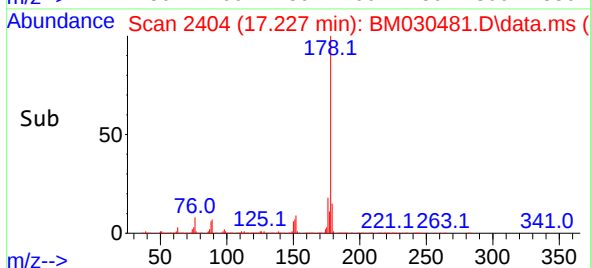
Tgt Ion:152 Resp: 41266
Ion Ratio Lower Upper
152 100
151 21.4 15.9 23.9
153 16.0 10.5 15.7#



#72
Phenanthrene
Concen: 8.506 ng/ul m
RT: 17.227 min Scan# 2404
Delta R.T. -0.000 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



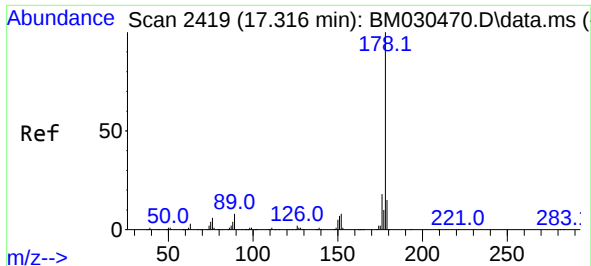
Tgt Ion:178 Resp: 426271
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 18.6 15.0 22.6



Instrument :
BNA_M
ClientSampled :
BG5R3

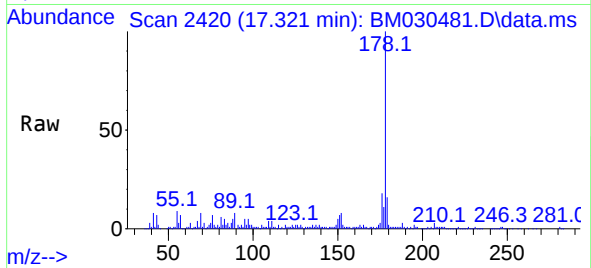
Manual Integrations
APPROVED

mohammad
6/17/2021 12:17:33 PM



#74
 Anthracene
 Concen: 2.730 ng/ul
 RT: 17.321 min Scan# 2420
 Delta R.T. 0.006 min
 Lab File: BM030481.D
 Acq: 17 Jun 2021 00:12

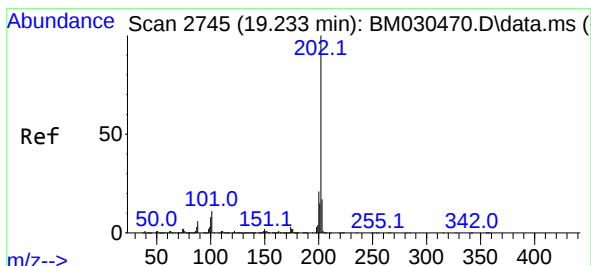
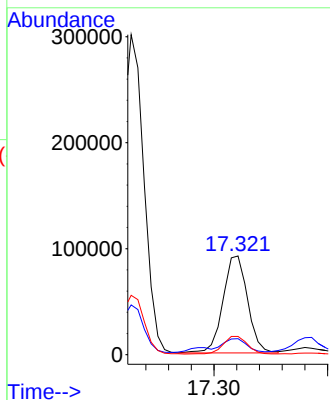
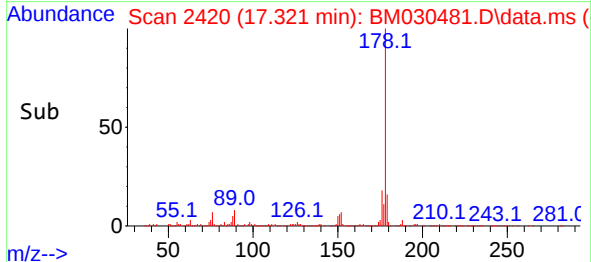
Instrument :
 BNA_M
 ClientSampled :
 BG5R3



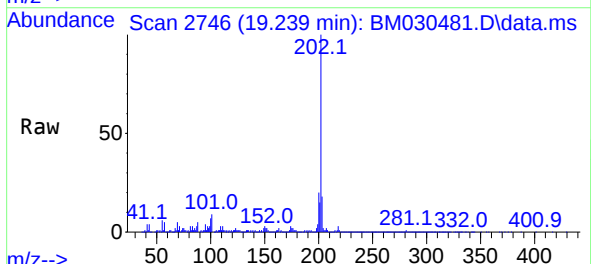
Tgt Ion:178 Resp: 138080
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.5 18.7
 176 18.5 15.0 22.4

Manual Integrations
 APPROVED

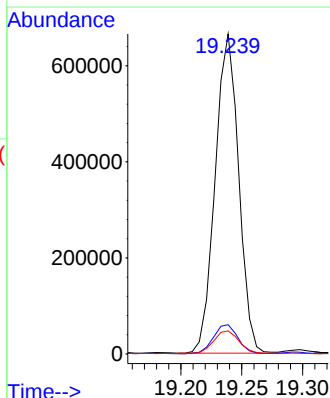
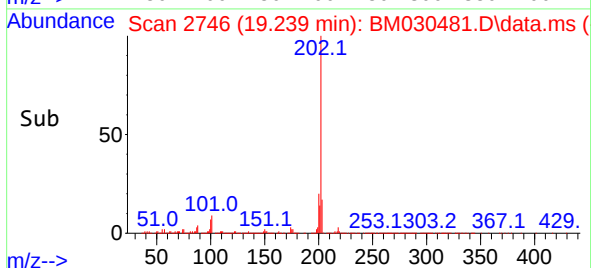
mohammad
 6/17/2021 12:17:33 PM

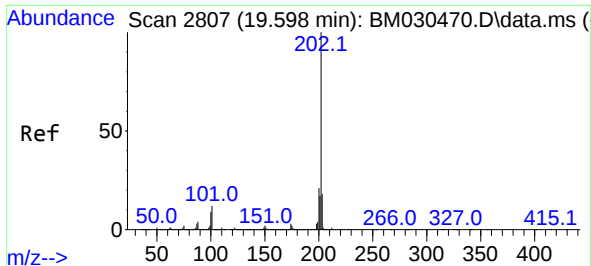


#80
 Fluoranthene
 Concen: 13.127 ng/ul
 RT: 19.239 min Scan# 2746
 Delta R.T. 0.006 min
 Lab File: BM030481.D
 Acq: 17 Jun 2021 00:12

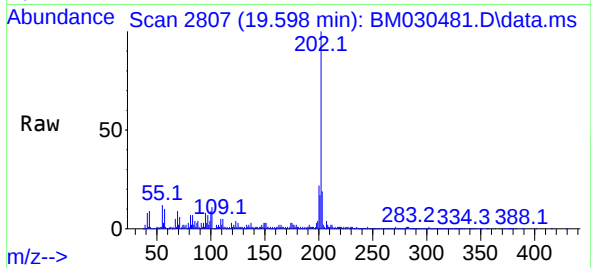


Tgt Ion:202 Resp: 893515
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.7 13.1
 100 7.2 6.6 10.0

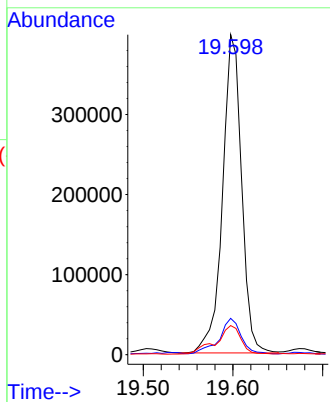
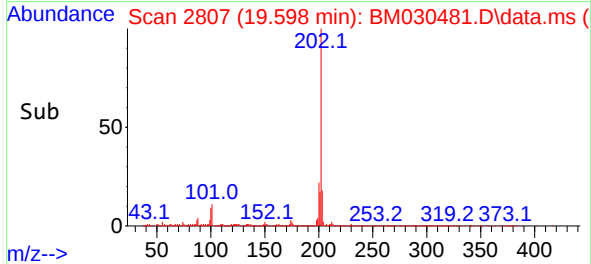




#82
Pyrene
Concen: 8.137 ng/u1
RT: 19.598 min Scan# 2807
Delta R.T. -0.000 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



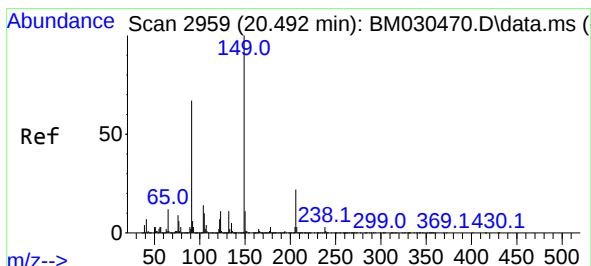
Tgt Ion:202 Resp: 585741
Ion Ratio Lower Upper
202 100
101 11.3 10.8 16.2
100 9.1 9.1 13.7#



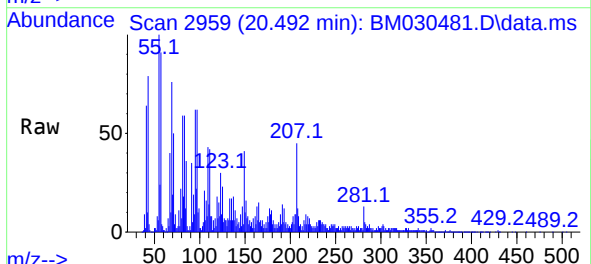
Instrument :
BNA_M
ClientSampled :
BG5R3

Manual Integrations
APPROVED

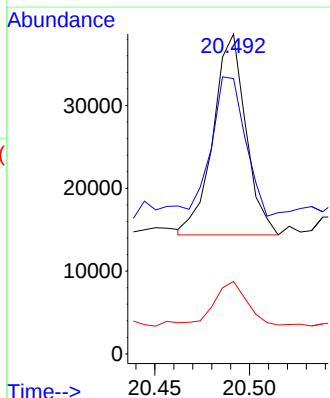
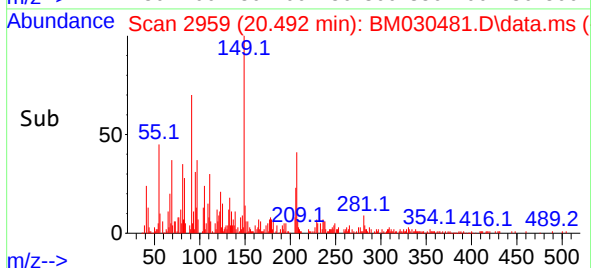
mohammad
6/17/2021 12:17:33 PM

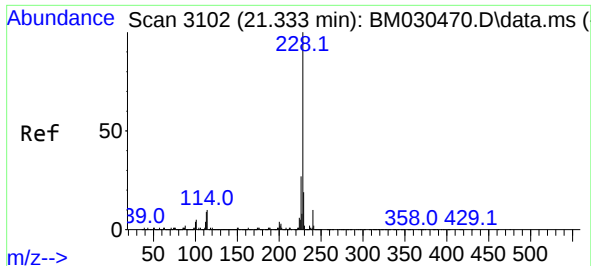


#83
Butylbenzylphthalate
Concen: 1.286 ng/u1
RT: 20.492 min Scan# 2959
Delta R.T. 0.006 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12

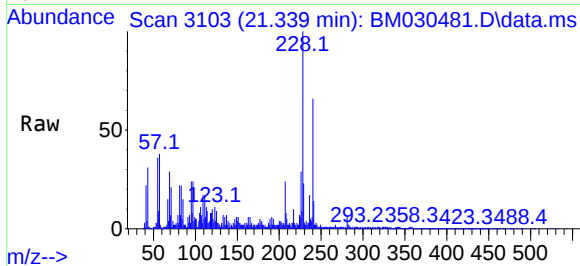


Tgt Ion:149 Resp: 29059
Ion Ratio Lower Upper
149 100
91 86.0 57.4 86.2
206 22.6 17.3 25.9

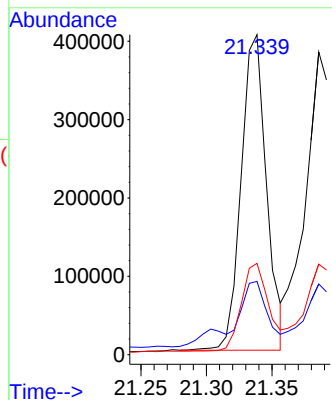
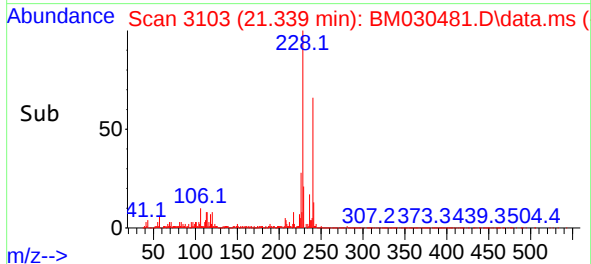




#85
Benzo(a)anthracene
Concen: 8.455 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



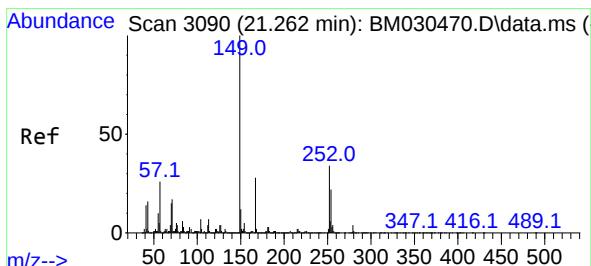
Tgt Ion:228 Resp: 540706
Ion Ratio Lower Upper
228 100
229 22.9 15.6 23.4
226 28.6 22.2 33.2



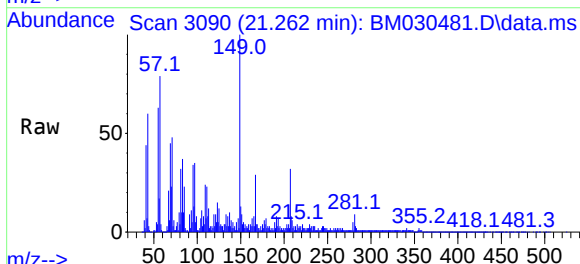
Instrument :
BNA_M
ClientSampled :
BG5R3

Manual Integrations
APPROVED

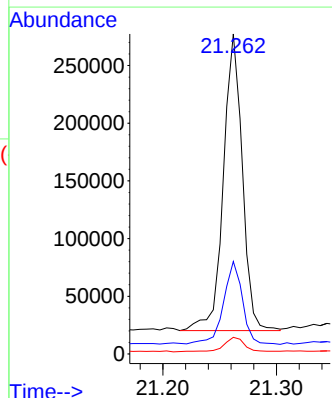
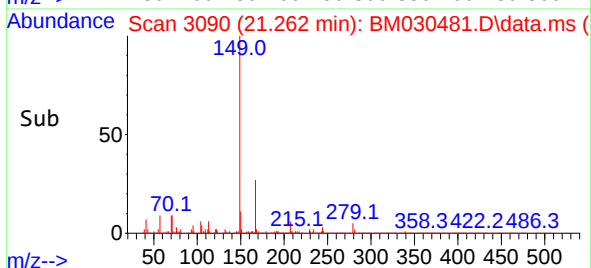
mohammad
6/17/2021 12:17:33 PM

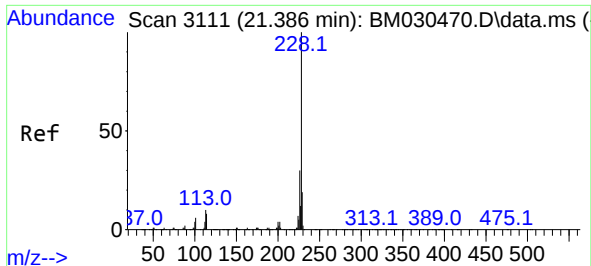


#86
Bis(2-ethylhexyl)phthalate
Concen: 8.708 ng/ul
RT: 21.262 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



Tgt Ion:149 Resp: 298463
Ion Ratio Lower Upper
149 100
167 28.9 20.9 31.3
279 5.2 3.0 4.6#





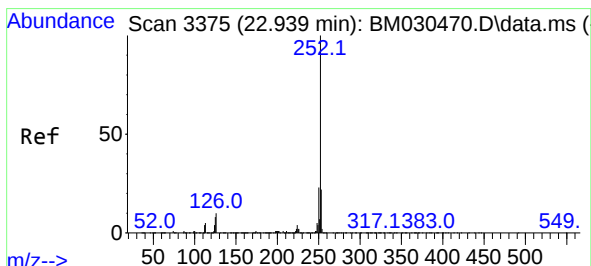
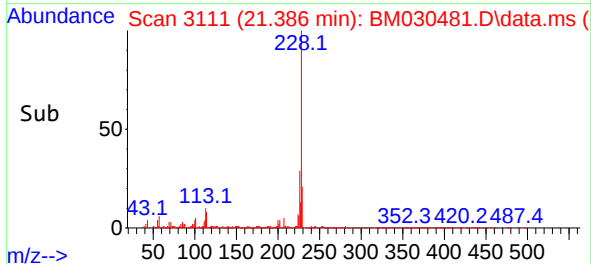
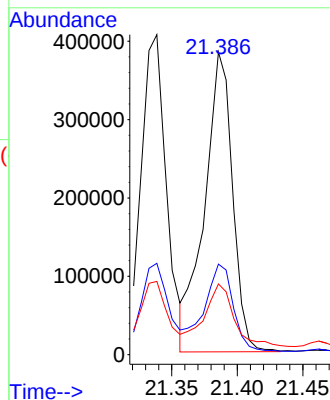
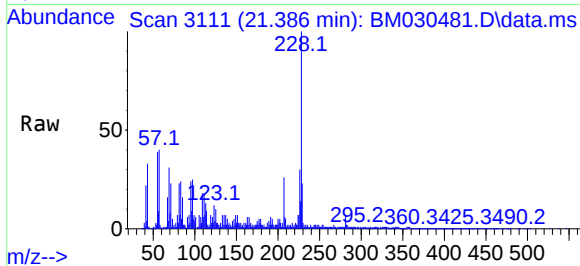
#87
Chrysene
Concen: 9.031 ng/u1
RT: 21.386 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12

Tgt Ion:228 Resp: 569487
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 23.4 15.8 23.6

Instrument :
BNA_M
ClientSampled :
BG5R3

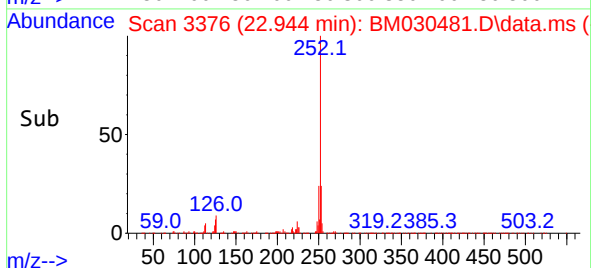
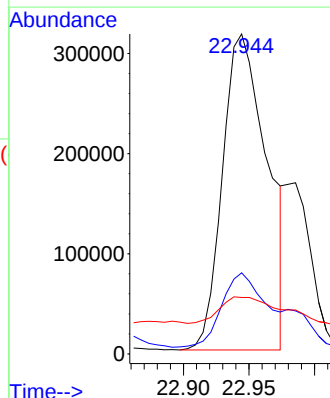
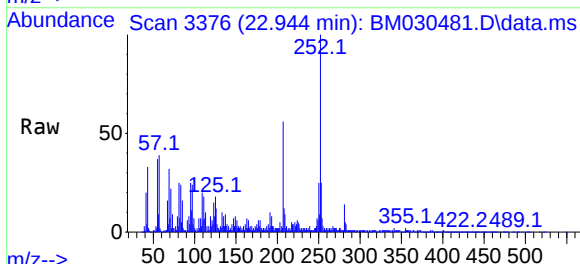
Manual Integrations
APPROVED

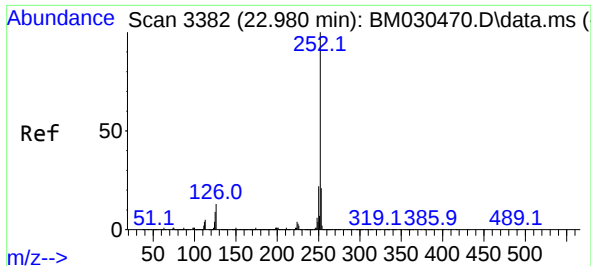
mohammad
6/17/2021 12:17:33 PM



#90
Benzo(b)fluoranthene
Concen: 10.061 ng/u1
RT: 22.944 min Scan# 3376
Delta R.T. 0.012 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12

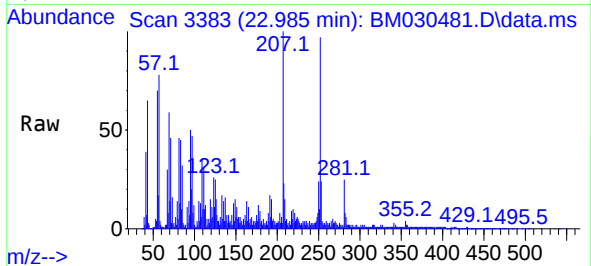
Tgt Ion:252 Resp: 744421
Ion Ratio Lower Upper
252 100
253 25.3 18.0 27.0
125 17.6 8.6 13.0#





#91
Benzo(k)fluoranthene
Concen: 3.269 ng/ul m
RT: 22.985 min Scan# 3383
Delta R.T. 0.012 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12

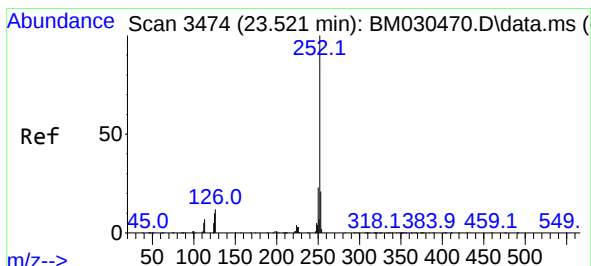
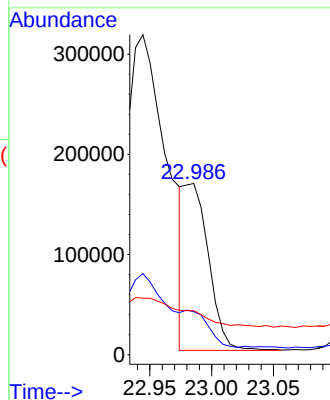
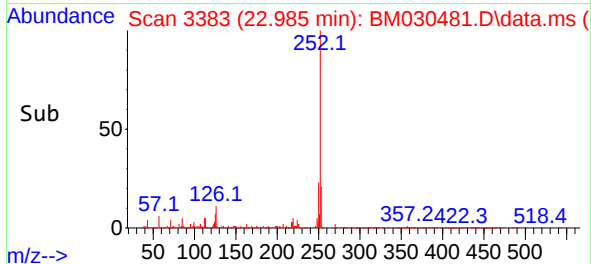
Instrument :
BNA_M
ClientSampled :
BG5R3



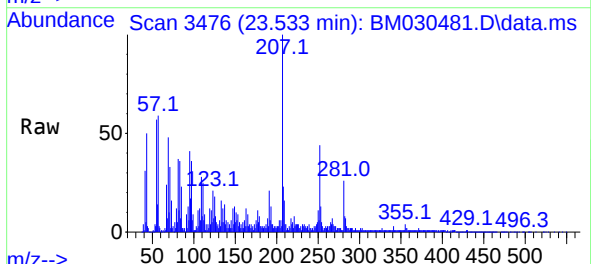
Tgt Ion:252 Resp: 231030
Ion Ratio Lower Upper
252 100
253 25.2 17.9 26.9
125 25.7 8.4 12.6#

Manual Integrations
APPROVED

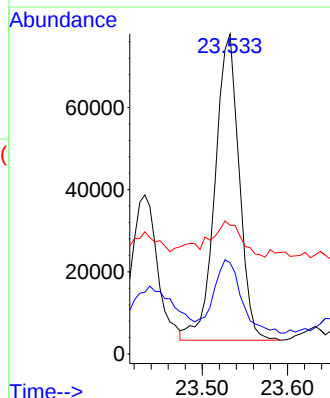
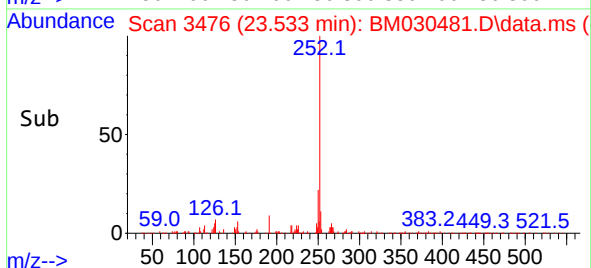
mohammad
6/17/2021 12:17:33 PM

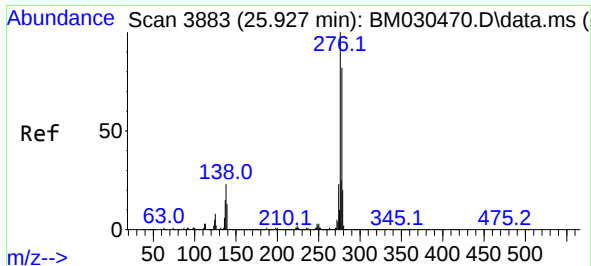


#93
Benzo(a)pyrene
Concen: 2.266 ng/ul
RT: 23.533 min Scan# 3476
Delta R.T. 0.018 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



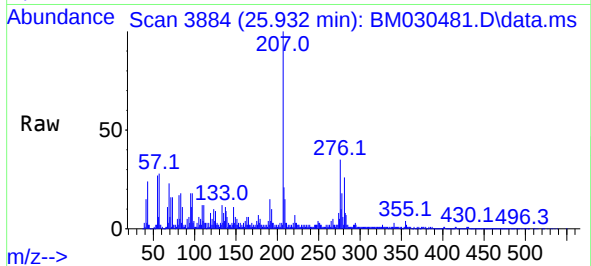
Tgt Ion:252 Resp: 146529
Ion Ratio Lower Upper
252 100
253 28.5 17.8 26.8#
125 40.2 9.5 14.3#





#94
Indeno(1,2,3-cd)pyrene
Concen: 2.125 ng/ul
RT: 25.932 min Scan# 3884
Delta R.T. 0.018 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12

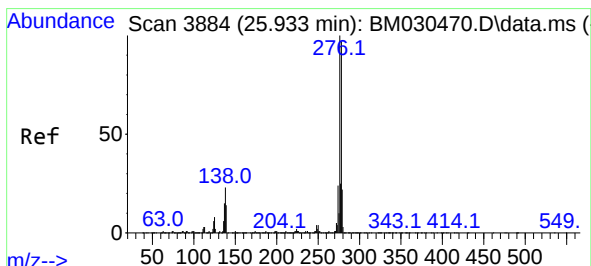
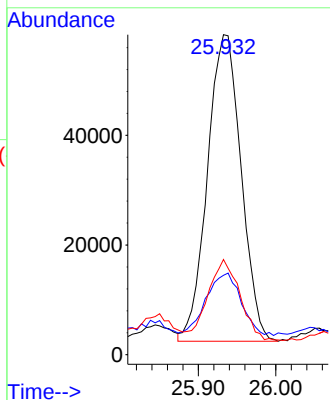
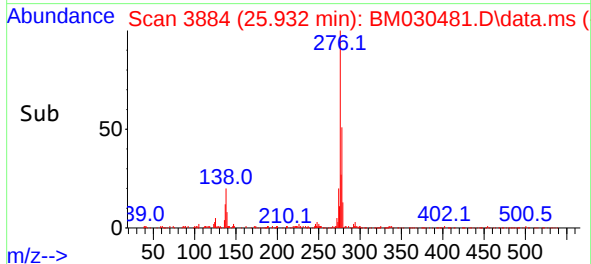
Instrument :
BNA_M
ClientSampled :
BG5R3



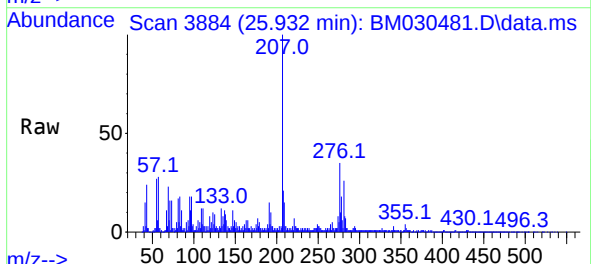
Tgt Ion:276 Resp: 169124
Ion Ratio Lower Upper
276 100
138 24.8 21.8 32.6
277 29.8 20.3 30.5

Manual Integrations
APPROVED

mohammad
6/17/2021 12:17:33 PM



#95
Dibenzo(a,h)anthracene
Concen: 1.485 ng/ul
RT: 25.932 min Scan# 3884
Delta R.T. 0.006 min
Lab File: BM030481.D
Acq: 17 Jun 2021 00:12



Tgt Ion:278 Resp: 99532
Ion Ratio Lower Upper
278 100
139 32.6 13.4 20.2#
279 34.9 18.6 28.0#

