

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006388.D
 Acq On : 28 Jul 2021 14:05
 Operator : CG/JU
 Sample : M3107-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGD13

Manual Integrations
 APPROVED

mohammad
 7/29/2021 1:45:58 PM

Quant Time: Jul 28 14:46:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 24 04:29:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	350803	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	1542914	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.410	164	915921	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.163	188	1795742	20.000	ng/ul	0.00
79) Chrysene-d12	21.262	240	1647431	20.000	ng/ul	0.00
88) Perylene-d12	23.609	264	1534890	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	28473	3.030	ng/uL	0.00
4) Pyridine-d5	3.705	84	307441	11.020	ng/ul	0.00
7) Phenol-d5	6.957	99	484368	14.701	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	343761	16.769	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	392289	16.026	ng/ul	-0.01
15) 4-Methylphenol-d8	8.487	113	388036	14.977	ng/ul	-0.01
21) Nitrobenzene-d5	8.940	128	199840	17.395	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.657	143	201442	18.364	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	330345	15.368	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.710	131	473912	13.392	ng/ul	0.00
46) Dimethylphthalate-d6	13.833	166	1183190	18.150	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	1310835	16.367	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	145018	11.204	ng/ul	0.00
60) Fluorene-d10	15.404	176	971059	17.720	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.522	200	111422	11.130	ng/ul	-0.01
73) Anthracene-d10	17.263	188	1409610	17.389	ng/ul	0.00
81) Pyrene-d10	19.504	212	1358395	16.031	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.456	264	902863	11.575	ng/ul	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.204	178	658748	6.832	ng/ul	99
74) Anthracene	17.298	178	165941	1.697	ng/ul	99
80) Fluoranthene	19.180	202	997624	9.555	ng/ul	100
82) Pyrene	19.533	202	714173	6.592	ng/ul	98
85) Benzo(a)anthracene	21.245	228	606882	5.945	ng/ul	98
87) Chrysene	21.298	228	503859	5.149	ng/ul	98
90) Benzo(b)fluoranthene	22.898	252	662553	6.796	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	239016m	2.583	ng/ul	
93) Benzo(a)pyrene	23.504	252	275814	3.237	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.033	276	204367	1.873	ng/ul	96

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

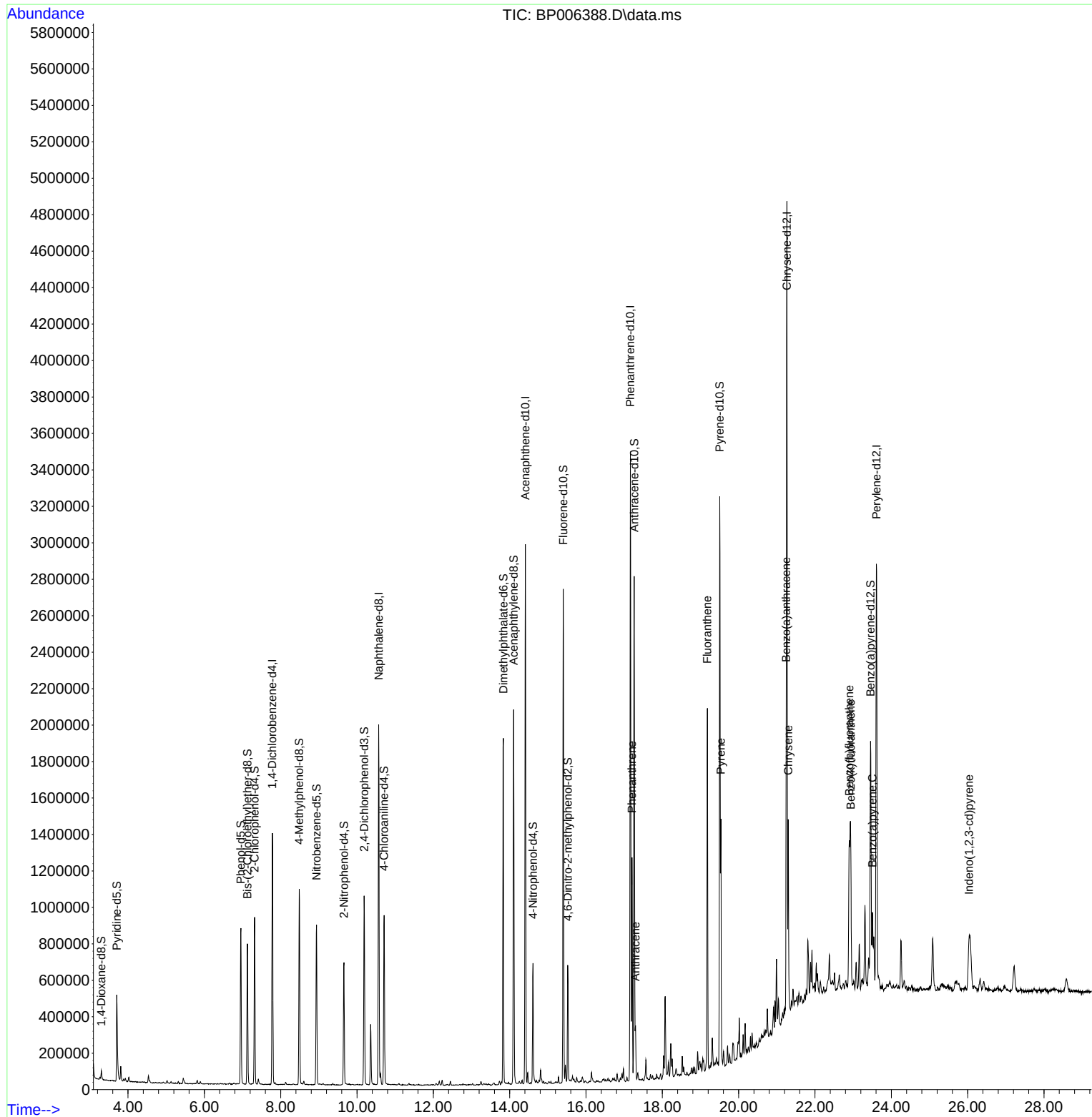
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006388.D
Acq On : 28 Jul 2021 14:05
Operator : CG/JU
Sample : M3107-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

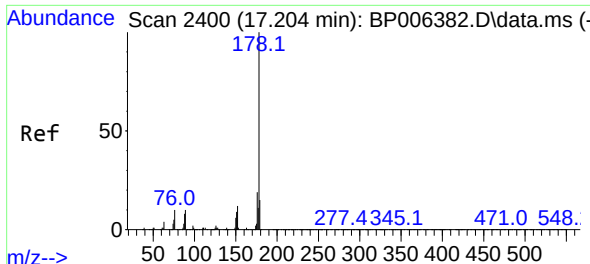
Instrument :
BNA_P
ClientSampleId :
BGD13

Manual Integrations
APPROVED

mohammad
7/29/2021 1:45:58 PM

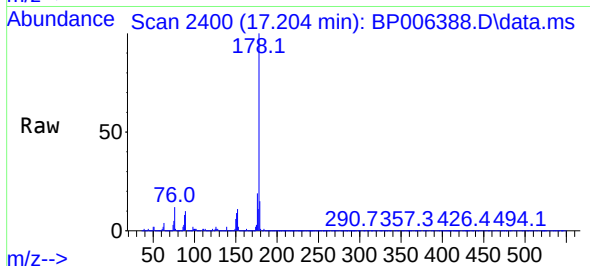
Quant Time: Jul 28 14:46:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 04:29:12 2021
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.832 ng/ul
RT: 17.204 min Scan# 2400
Delta R.T. -0.012 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05

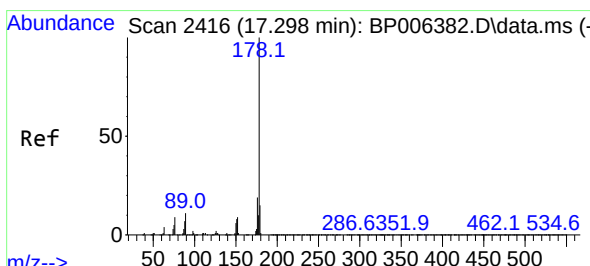
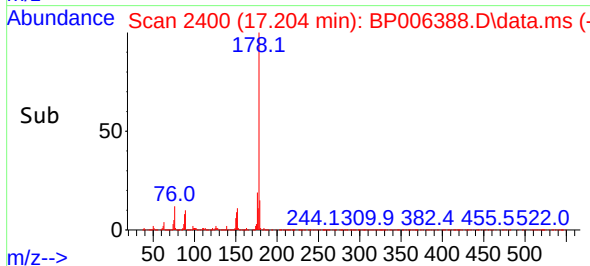
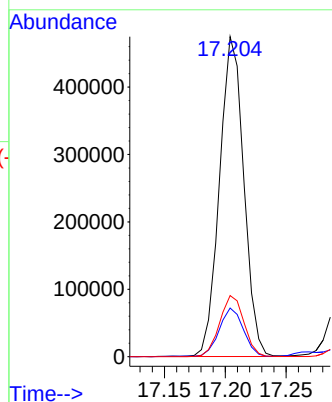
Instrument :
BNA_P
ClientSampled :
BGD13



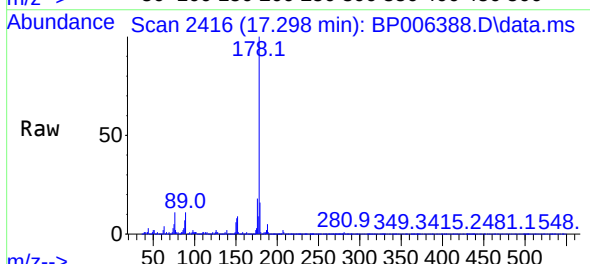
Tgt Ion:178 Resp: 658748
Ion Ratio Lower Upper
178 100
179 15.2 12.0 18.0
176 19.1 15.0 22.6

Manual Integrations
APPROVED

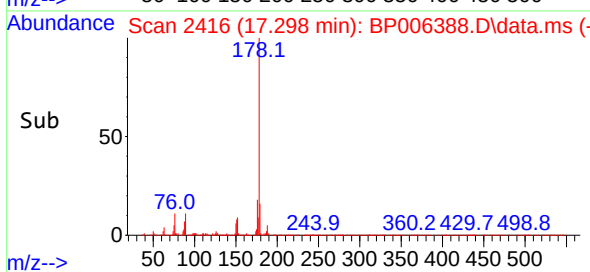
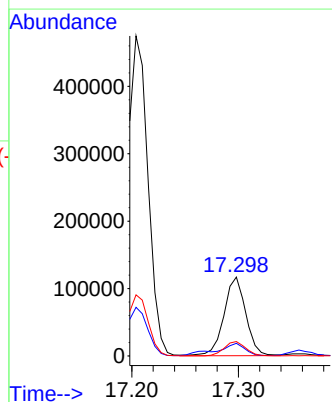
mohammad
7/29/2021 1:45:58 PM

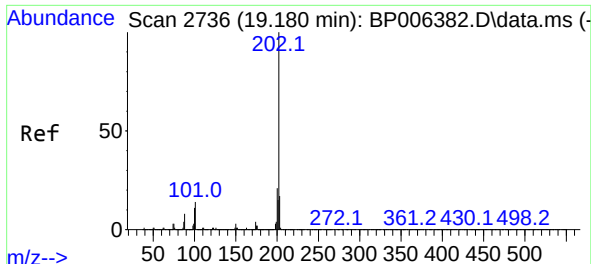


#74
Anthracene
Concen: 1.697 ng/ul
RT: 17.298 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05

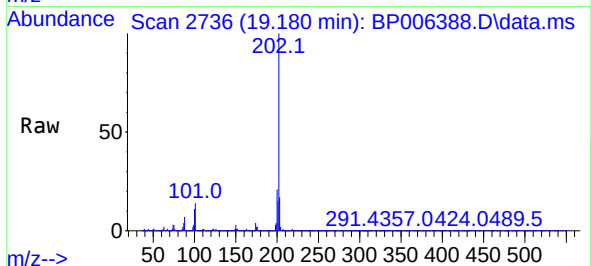


Tgt Ion:178 Resp: 165941
Ion Ratio Lower Upper
178 100
179 16.0 12.2 18.4
176 18.2 14.8 22.2

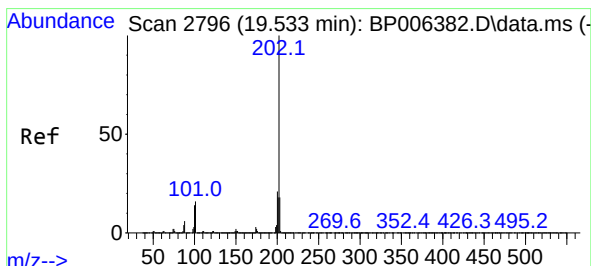
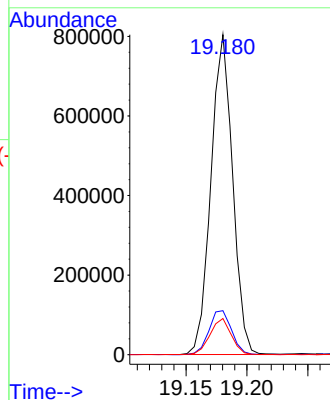
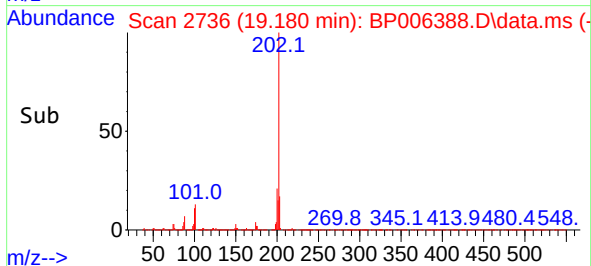




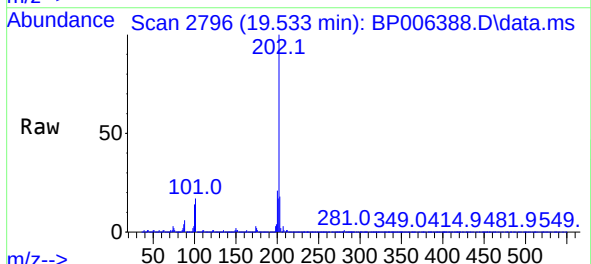
#80
Fluoranthene
Concen: 9.555 ng/u1
RT: 19.180 min Scan# 2736
Delta R.T. -0.006 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05



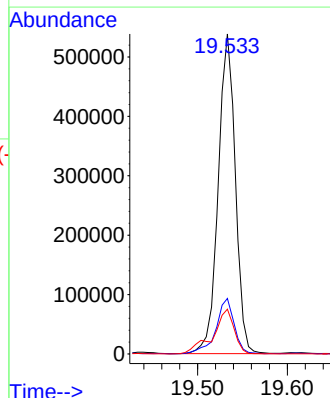
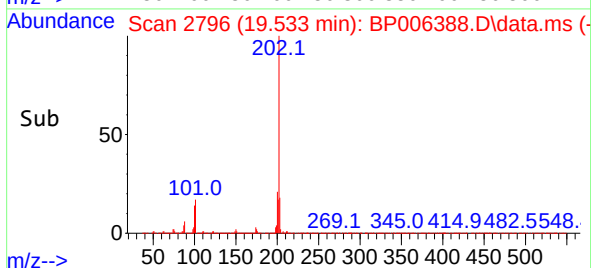
Tgt Ion:202 Resp: 997624
Ion Ratio Lower Upper
202 100
101 13.8 11.0 16.6
100 11.3 8.8 13.2



#82
Pyrene
Concen: 6.592 ng/u1
RT: 19.533 min Scan# 2796
Delta R.T. -0.006 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05



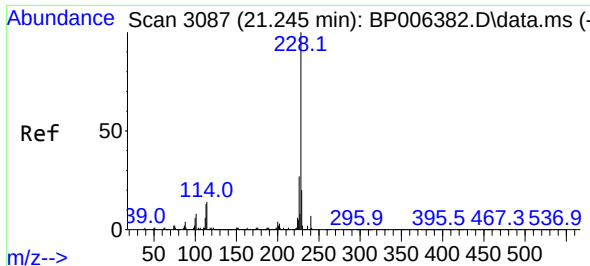
Tgt Ion:202 Resp: 714173
Ion Ratio Lower Upper
202 100
101 17.4 13.0 19.4
100 14.0 11.0 16.4



Instrument :
BNA_P
ClientSampled :
BGD13

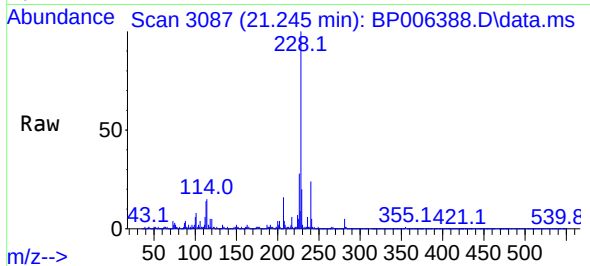
Manual Integrations
APPROVED

mohammad
7/29/2021 1:45:58 PM



#85
Benzo(a)anthracene
Concen: 5.945 ng/ul
RT: 21.245 min Scan# 3087
Delta R.T. -0.006 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05

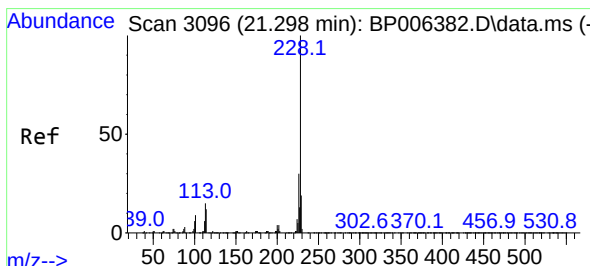
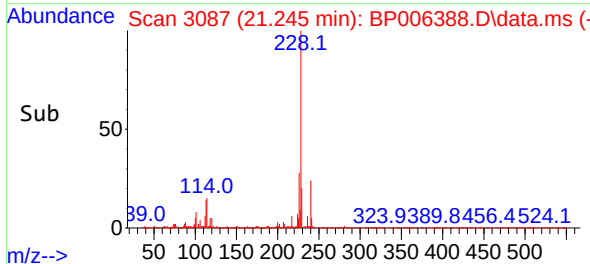
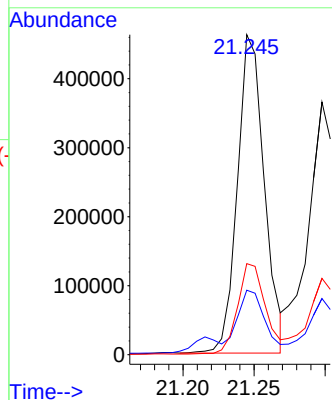
Instrument :
BNA_P
ClientSampled :
BGD13



Tgt Ion:228 Resp: 606882
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.5 21.6 32.4

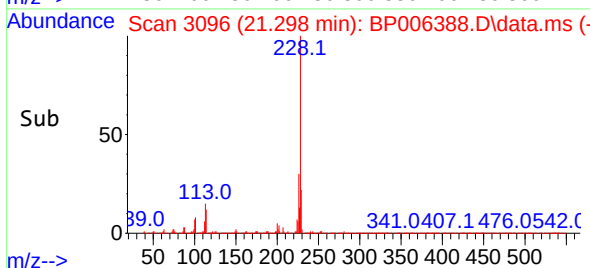
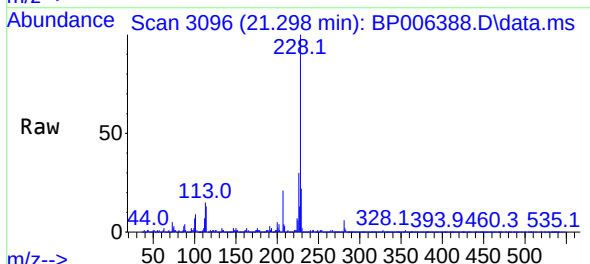
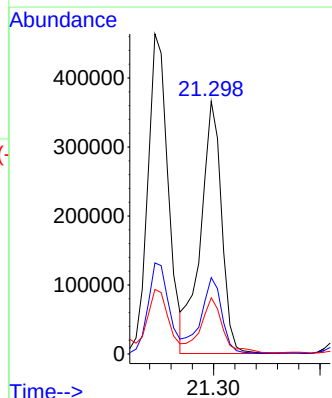
Manual Integrations
APPROVED

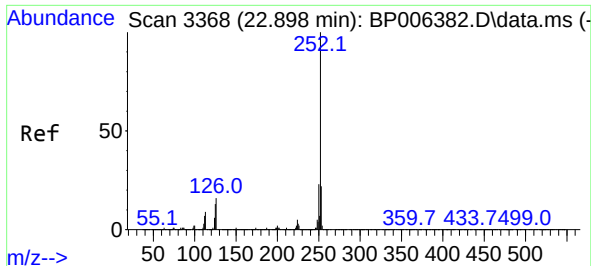
mohammad
7/29/2021 1:45:58 PM



#87
Chrysene
Concen: 5.149 ng/ul
RT: 21.298 min Scan# 3096
Delta R.T. -0.006 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05

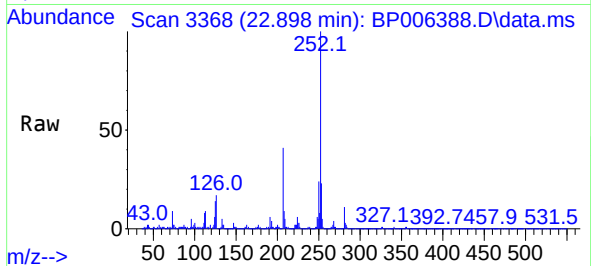
Tgt Ion:228 Resp: 503859
Ion Ratio Lower Upper
228 100
226 30.2 24.1 36.1
229 22.2 15.8 23.6





#90
Benzo(b)fluoranthene
Concen: 6.796 ng/ul
RT: 22.898 min Scan# 3368
Delta R.T. -0.000 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05

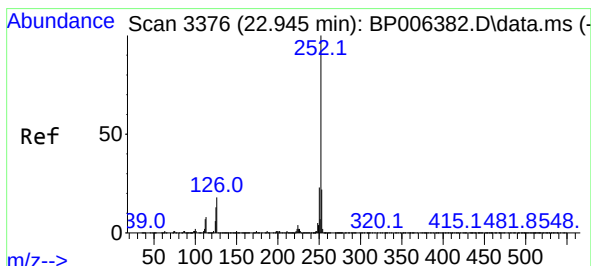
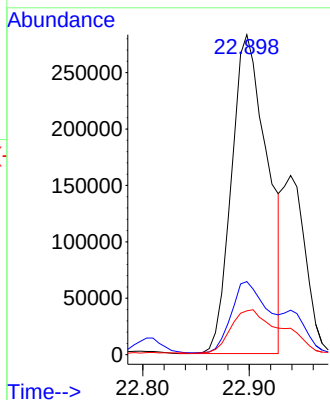
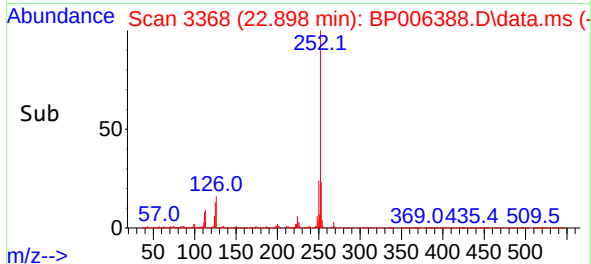
Instrument :
BNA_P
ClientSampled :
BGD13



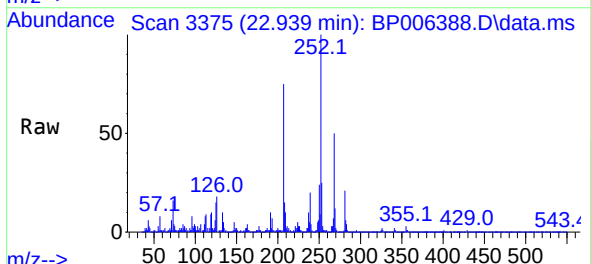
Tgt Ion:252 Resp: 662553
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 13.7 10.6 16.0

Manual Integrations
APPROVED

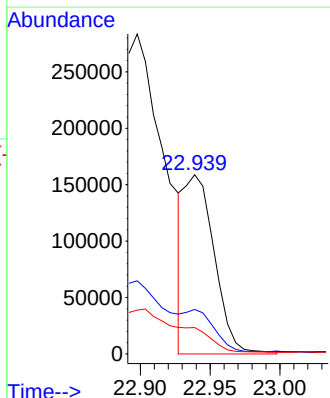
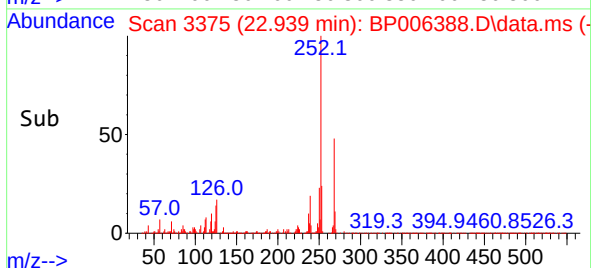
mohammad
7/29/2021 1:45:58 PM

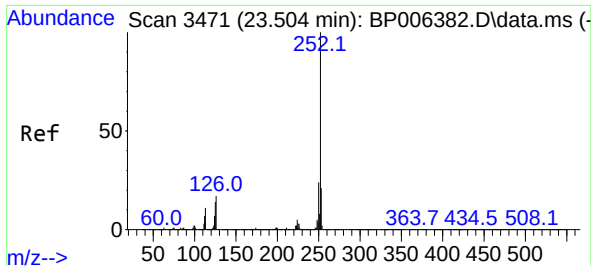


#91
Benzo(k)fluoranthene
Concen: 2.583 ng/ul m
RT: 22.939 min Scan# 3375
Delta R.T. -0.012 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05



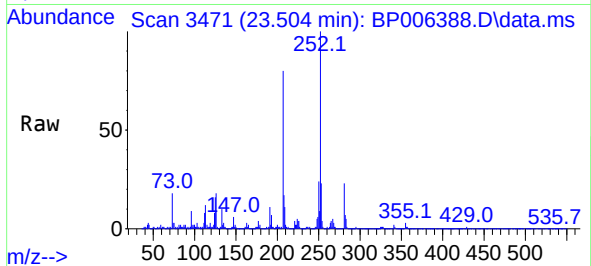
Tgt Ion:252 Resp: 239016
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 14.7 10.3 15.5





#93
Benzo(a)pyrene
Concen: 3.237 ng/ul
RT: 23.504 min Scan# 3471
Delta R.T. -0.006 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05

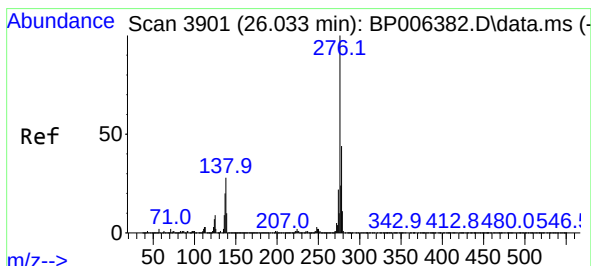
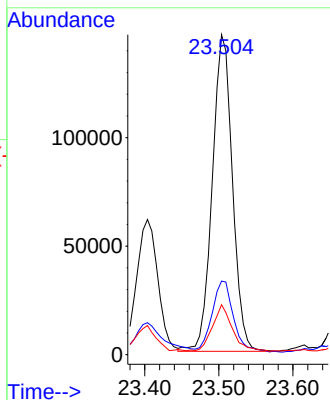
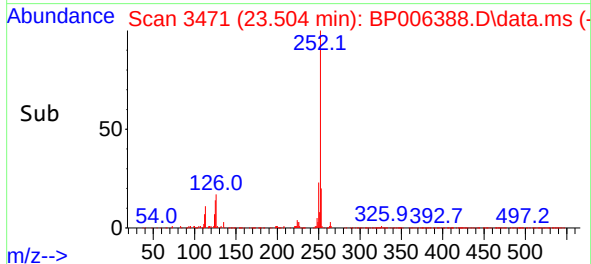
Instrument :
BNA_P
ClientSampled :
BGD13



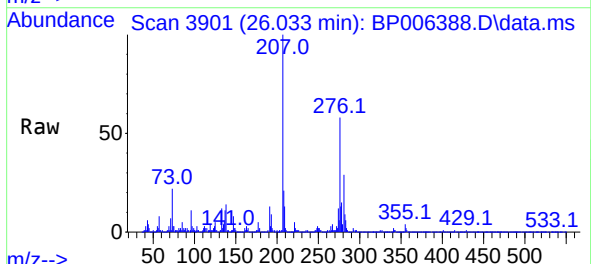
Tgt Ion:252 Resp: 275814
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 15.6 11.8 17.8

Manual Integrations
APPROVED

mohammad
7/29/2021 1:45:58 PM



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.873 ng/ul
RT: 26.033 min Scan# 3901
Delta R.T. -0.012 min
Lab File: BP006388.D
Acq: 28 Jul 2021 14:05



Tgt Ion:276 Resp: 204367
Ion Ratio Lower Upper
276 100
138 25.0 21.8 32.6
277 22.9 19.6 29.4

