

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
 Data File : BM030503.D
 Acq On : 21 Jun 2021 13:42
 Operator : CG/JU
 Sample : M2649-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG5J3

Manual Integrations
 APPROVED

mohammad
 6/22/2021 8:16:16 AM

Quant Time: Jun 21 14:12:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 21 10:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	193356	20.000	ng/ul	0.00
20) Naphthalene-d8	10.610	136	716602	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.445	164	412365	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.186	188	807886	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	804102	20.000	ng/ul	0.00
88) Perylene-d12	23.633	264	857037	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	12533	2.475	ng/uL	0.00
4) Pyridine-d5	3.781	84	36724m	2.760	ng/ul	0.04
7) Phenol-d5	6.993	99	213296	12.692	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.158	67	157527	14.524	ng/ul	0.00
11) 2-Chlorophenol-d4	7.363	132	195014	16.046	ng/ul	0.00
15) 4-Methylphenol-d8	8.528	113	146916	10.946	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	93054	18.970	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	100427	20.614	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	177507	16.727	ng/ul	0.00
31) 4-Chloroaniline-d4	10.746	131	163936	10.105	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	525340	18.564	ng/ul	0.00
49) Acenaphthylene-d8	14.139	160	664301	18.790	ng/ul	0.00
54) 4-Nitrophenol-d4	14.657	143	37138	7.011	ng/ul	0.01
60) Fluorene-d10	15.439	176	467302	18.445	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	44328	9.505	ng/ul	0.00
73) Anthracene-d10	17.280	188	705147	19.190	ng/ul	0.00
81) Pyrene-d10	19.569	212	845133	20.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.486	264	896931	20.988	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.227	178	82139	1.880	ng/ul	99
80) Fluoranthene	19.239	202	257411	4.977	ng/ul	99
82) Pyrene	19.598	202	253900	4.642	ng/ul	97
85) Benzo(a)anthracene	21.339	228	156069	3.212	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.268	149	200249	7.690	ng/ul	99
87) Chrysene	21.392	228	145020	3.027	ng/ul	97
90) Benzo(b)fluoranthene	22.945	252	217959	3.956	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	82711m	1.572	ng/ul	
93) Benzo(a)pyrene	23.533	252	159134	3.305	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.939	276	120756	2.038	ng/ul#	91
96) Benzo(g,h,i)perylene	26.645	276	104409	2.144	ng/ul	97

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

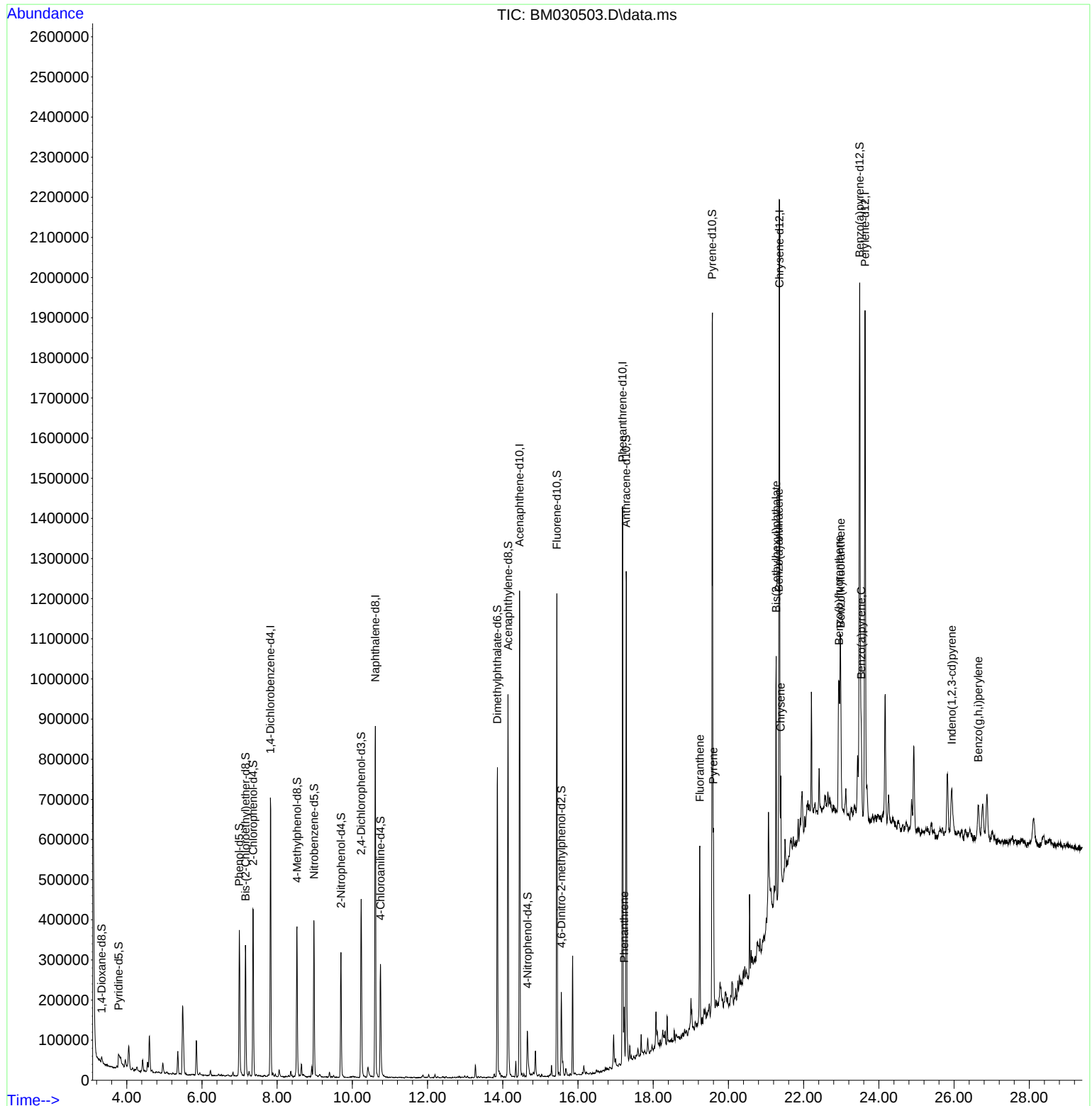
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062121\
Data File : BM030503.D
Acq On : 21 Jun 2021 13:42
Operator : CG/JU
Sample : M2649-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

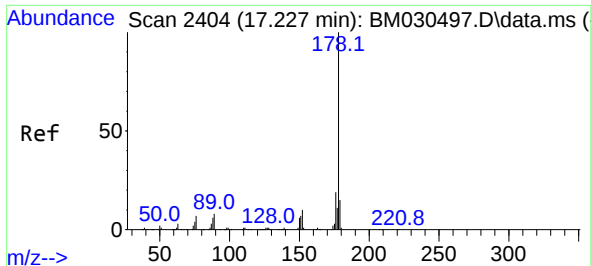
Instrument :
BNA_M
ClientSampleId :
BG5J3

Manual Integrations
APPROVED

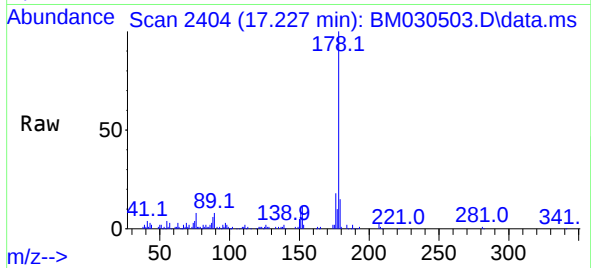
mohammad
6/22/2021 8:16:16 AM

Quant Time: Jun 21 14:12:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM060621.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 21 10:48:13 2021
Response via : Initial Calibration

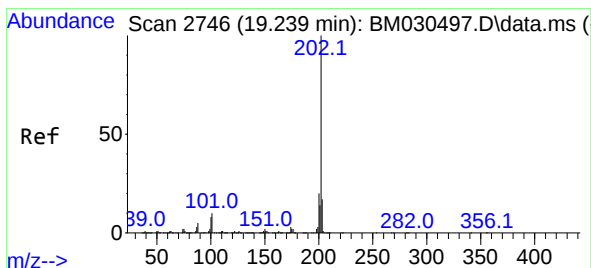
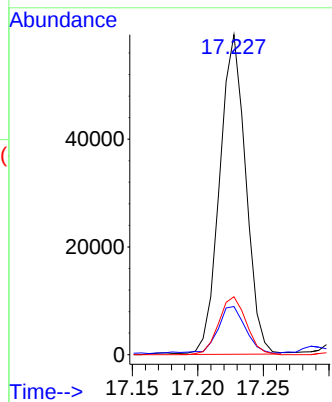
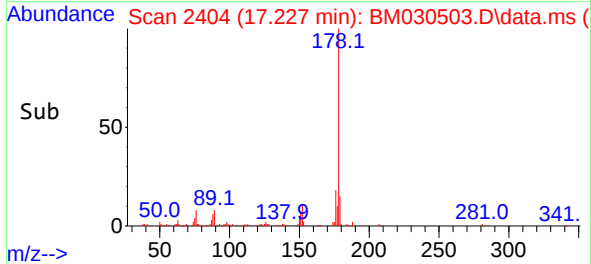




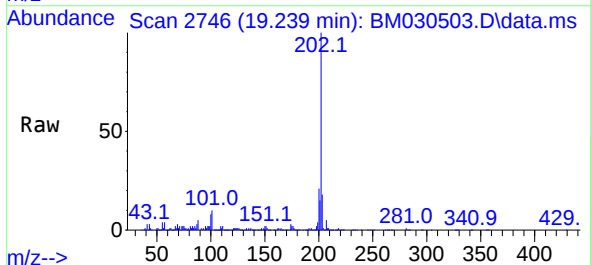
#72
Phenanthrene
Concen: 1.880 ng/ul
RT: 17.227 min Scan# 2404
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42



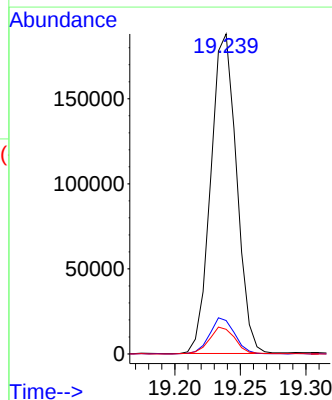
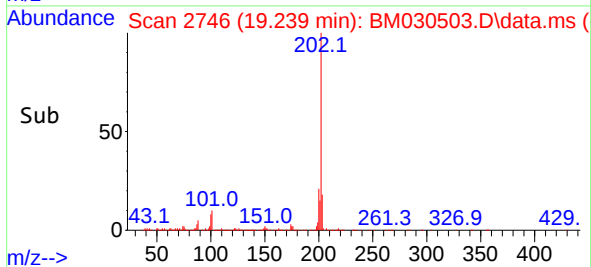
Tgt Ion:178 Resp: 82139
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 18.1 15.0 22.6



#80
Fluoranthene
Concen: 4.977 ng/ul
RT: 19.239 min Scan# 2746
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42



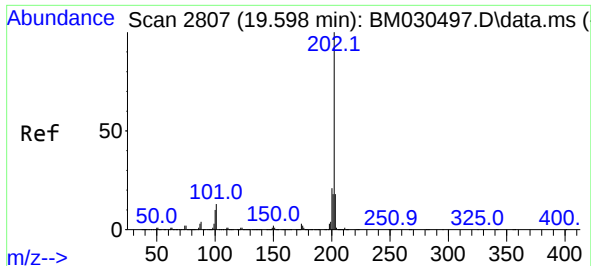
Tgt Ion:202 Resp: 257411
Ion Ratio Lower Upper
202 100
101 10.4 8.7 13.1
100 7.7 6.6 10.0



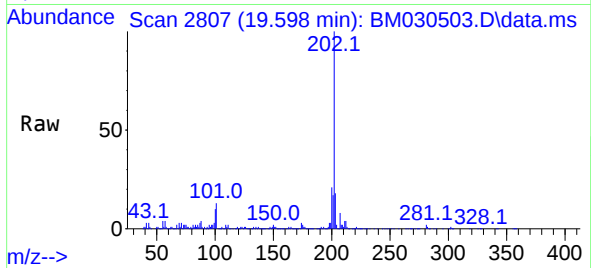
Instrument :
BNA_M
ClientSampled :
BG5J3

Manual Integrations
APPROVED

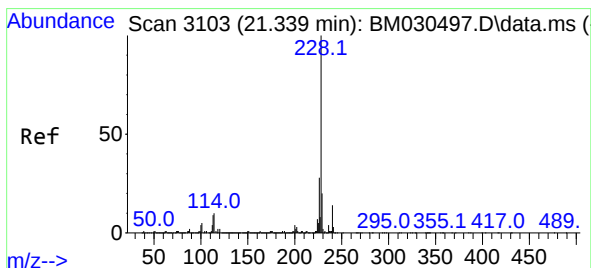
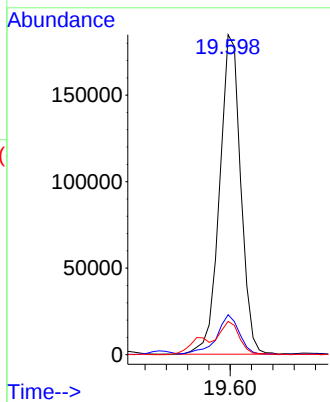
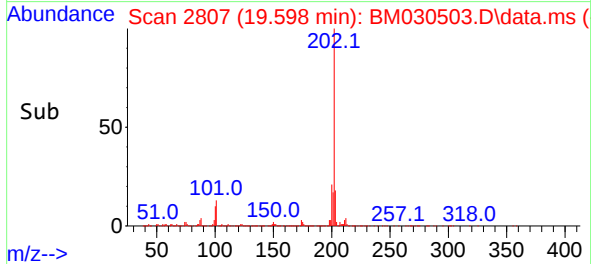
mohammad
6/22/2021 8:16:16 AM



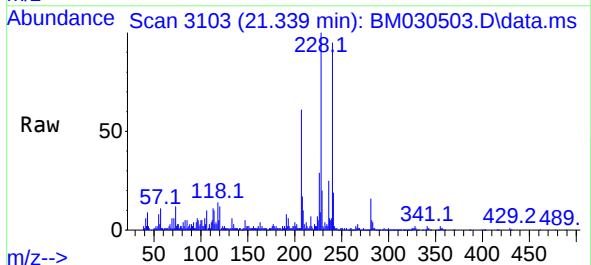
#82
Pyrene
Concen: 4.642 ng/ul
RT: 19.598 min Scan# 2807
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42



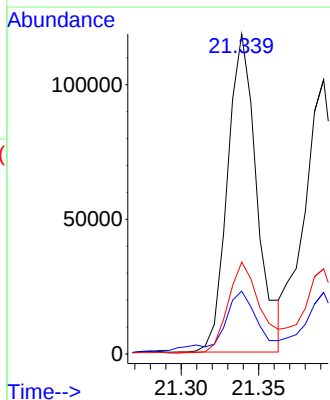
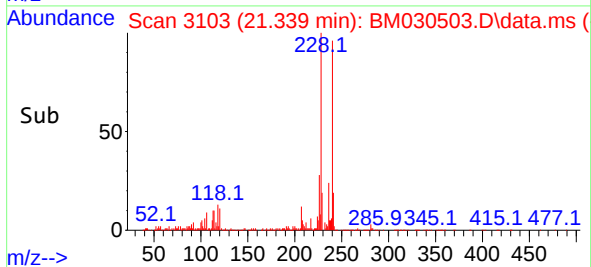
Tgt Ion:202 Resp: 253900
Ion Ratio Lower Upper
202 100
101 12.5 10.8 16.2
100 10.4 9.1 13.7



#85
Benzo(a)anthracene
Concen: 3.212 ng/ul
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42



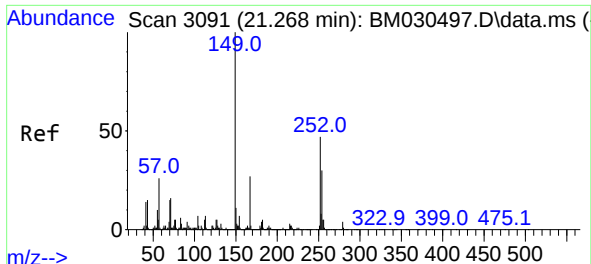
Tgt Ion:228 Resp: 156069
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 28.7 22.2 33.2



Instrument :
BNA_M
ClientSampled :
BG5J3

Manual Integrations
APPROVED

mohammad
6/22/2021 8:16:16 AM



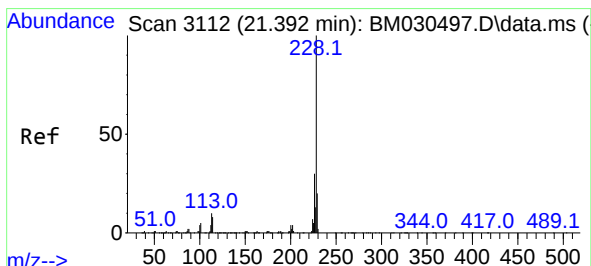
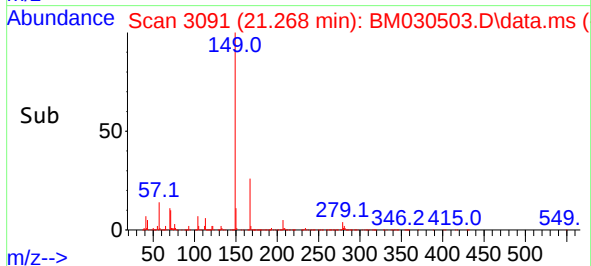
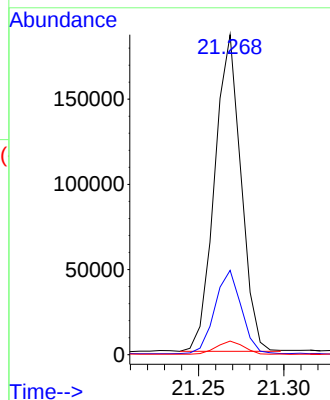
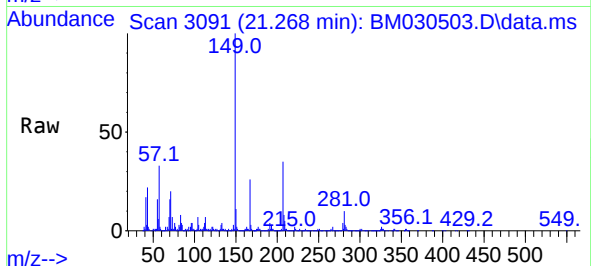
#86
Bis(2-ethylhexyl)phthalate
Concen: 7.690 ng/ul
RT: 21.268 min Scan# 3091
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42

Tgt Ion:	149	Resp:	200249
Ion Ratio	Lower	Upper	
149	100		
167	26.4	20.9	31.3
279	4.3	3.0	4.6

Instrument :
BNA_M
ClientSampled :
BG5J3

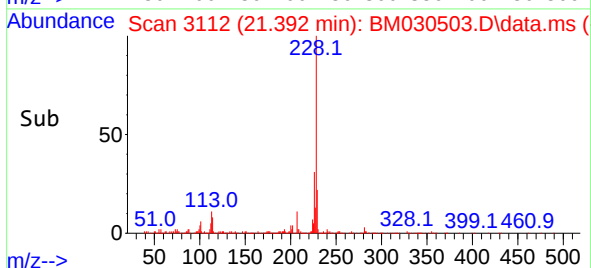
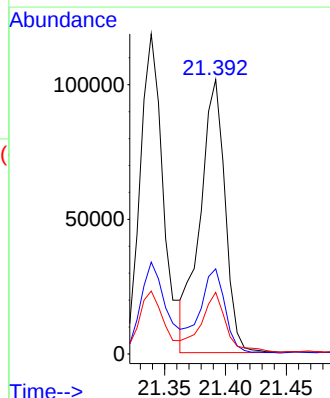
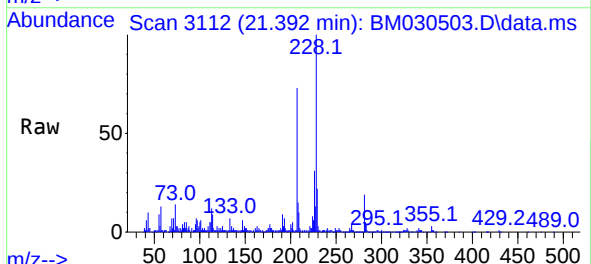
Manual Integrations
APPROVED

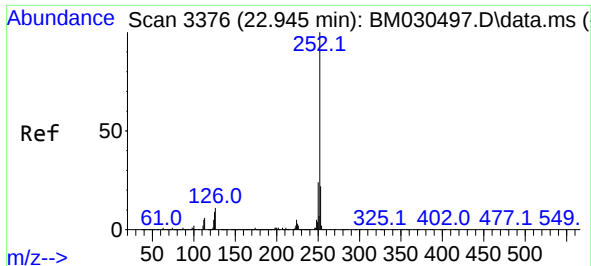
mohammad
6/22/2021 8:16:16 AM



#87
Chrysene
Concen: 3.027 ng/ul
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42

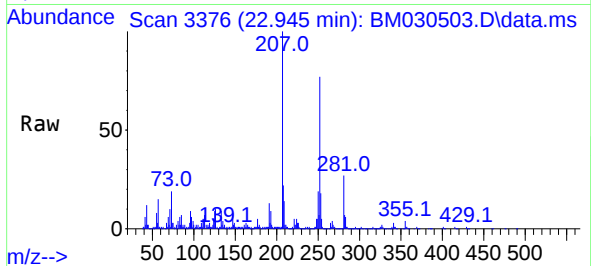
Tgt Ion:	228	Resp:	145020
Ion Ratio	Lower	Upper	
228	100		
226	31.0	24.2	36.2
229	22.4	15.8	23.6





#90
Benzo(b)fluoranthene
Concen: 3.956 ng/ul
RT: 22.945 min Scan# 3376
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42

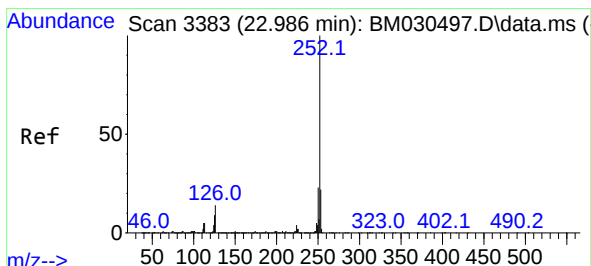
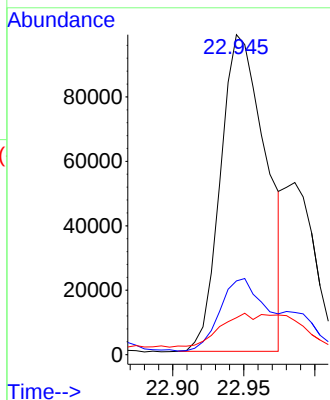
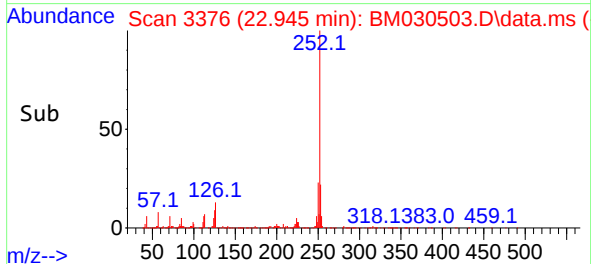
Instrument :
BNA_M
ClientSampled :
BG5J3



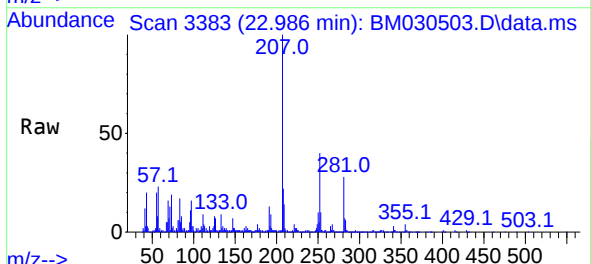
Tgt Ion:252 Resp: 217959
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 11.6 8.6 13.0

Manual Integrations
APPROVED

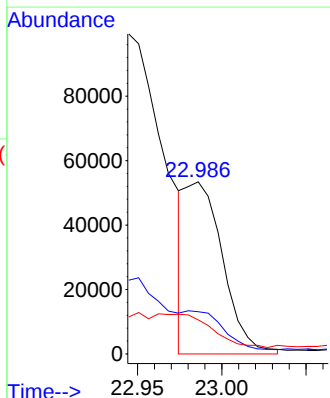
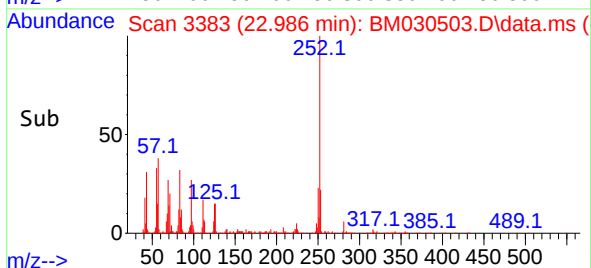
mohammad
6/22/2021 8:16:16 AM

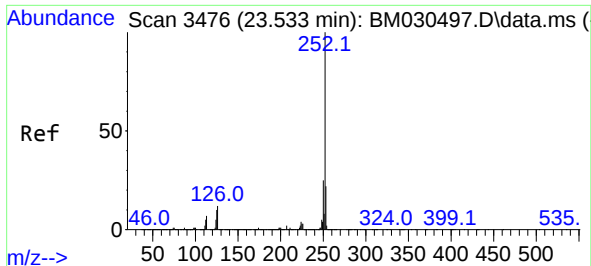


#91
Benzo(k)fluoranthene
Concen: 1.572 ng/ul m
RT: 22.986 min Scan# 3383
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42



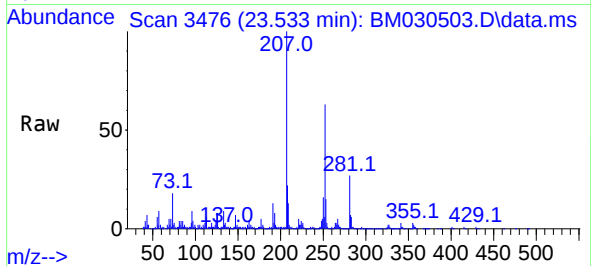
Tgt Ion:252 Resp: 82711
Ion Ratio Lower Upper
252 100
253 24.6 17.9 26.9
125 19.8 8.4 12.6#





#93
Benzo(a)pyrene
Concen: 3.305 ng/ul
RT: 23.533 min Scan# 3476
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42

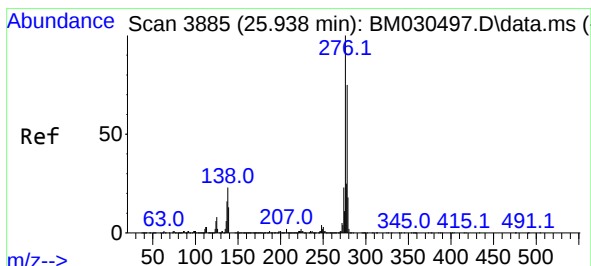
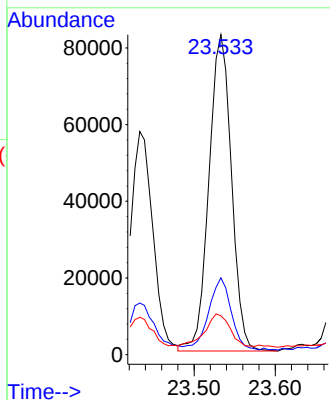
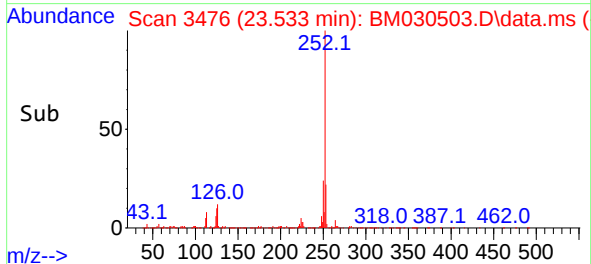
Instrument :
BNA_M
ClientSampled :
BG5J3



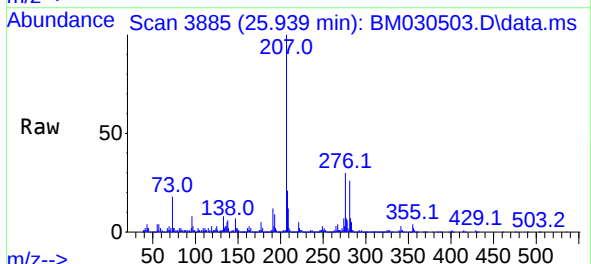
Tgt Ion:252 Resp: 159134
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 12.2 9.5 14.3

Manual Integrations
APPROVED

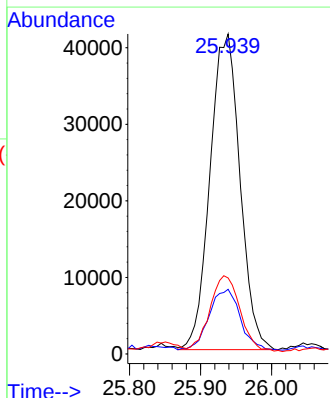
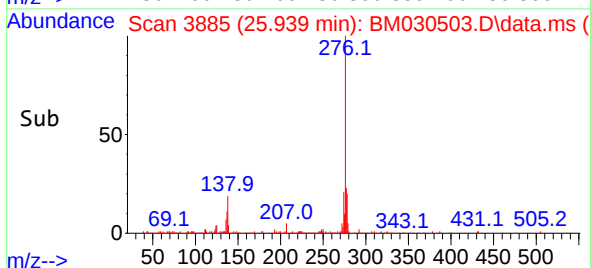
mohammad
6/22/2021 8:16:16 AM

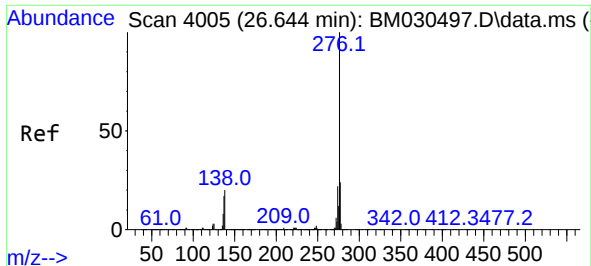


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.038 ng/ul
RT: 25.939 min Scan# 3885
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42

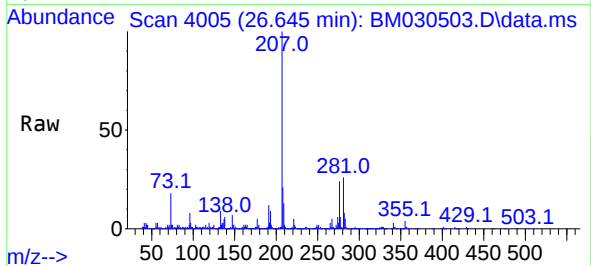


Tgt Ion:276 Resp: 120756
Ion Ratio Lower Upper
276 100
138 20.2 21.8 32.6#
277 23.8 20.3 30.5



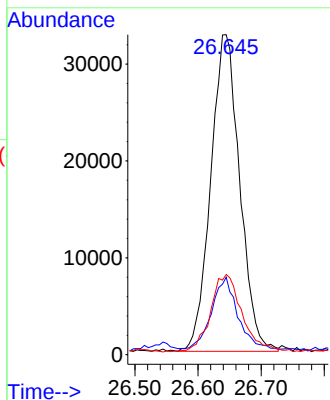
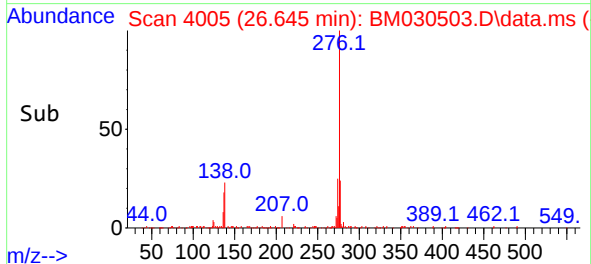


#96
Benzo(g,h,i)perylene
Concen: 2.144 ng/ul
RT: 26.645 min Scan# 4005
Delta R.T. 0.000 min
Lab File: BM030503.D
Acq: 21 Jun 2021 13:42



Tgt Ion: 276 Resp: 104409

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.7	28.1
277	25.0	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
BG5J3

Manual Integrations
APPROVED

mohammad
6/22/2021 8:16:16 AM