

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032525.D
 Acq On : 15 Oct 2021 14:42
 Operator : CG/JU
 Sample : M4030-08DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00U7DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:41:21 PM

Quant Time: Oct 15 15:17:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	4841	0.40	ng/ul	0.00
4) Naphthalene-d8	10.344	136	15854	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.213	164	8397	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	16792	0.40	ng/ul	0.00
17) Chrysene-d12	21.130	240	12998	0.40	ng/ul	0.00
23) Perylene-d12	23.266	264	10146	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.924	96	4848	0.89	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.940	152	1118	0.05	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	2175	0.05	ng/ul	0.00
Target Compounds						
						Qvalue
7) 2-Methylnaphthalene	12.017	142	635	0.02	ng/ul	99
15) Phenanthrene	16.991	178	16654	0.29	ng/ul	99
16) Anthracene	17.081	178	1951	0.04	ng/ul#	90
19) Fluoranthene	19.008	202	54706	0.85	ng/ul	99
20) Pyrene	19.370	202	47536	0.72	ng/ul	98
21) Benzo(a)anthracene	21.113	228	17439	0.34	ng/ul	99
22) Chrysene	21.164	228	25156	0.45	ng/ul	98
24) Benzo(b)fluoranthene	22.634	252	28395m	0.61	ng/ul	
25) Benzo(k)fluoranthene	22.670	252	10409m	0.22	ng/ul	
26) Benzo(a)pyrene	23.174	252	15324	0.39	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.372	276	9861	0.21	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.369	278	2227	0.06	ng/ul#	56
29) Benzo(g,h,i)perylene	26.019	276	8772	0.21	ng/ul	96

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

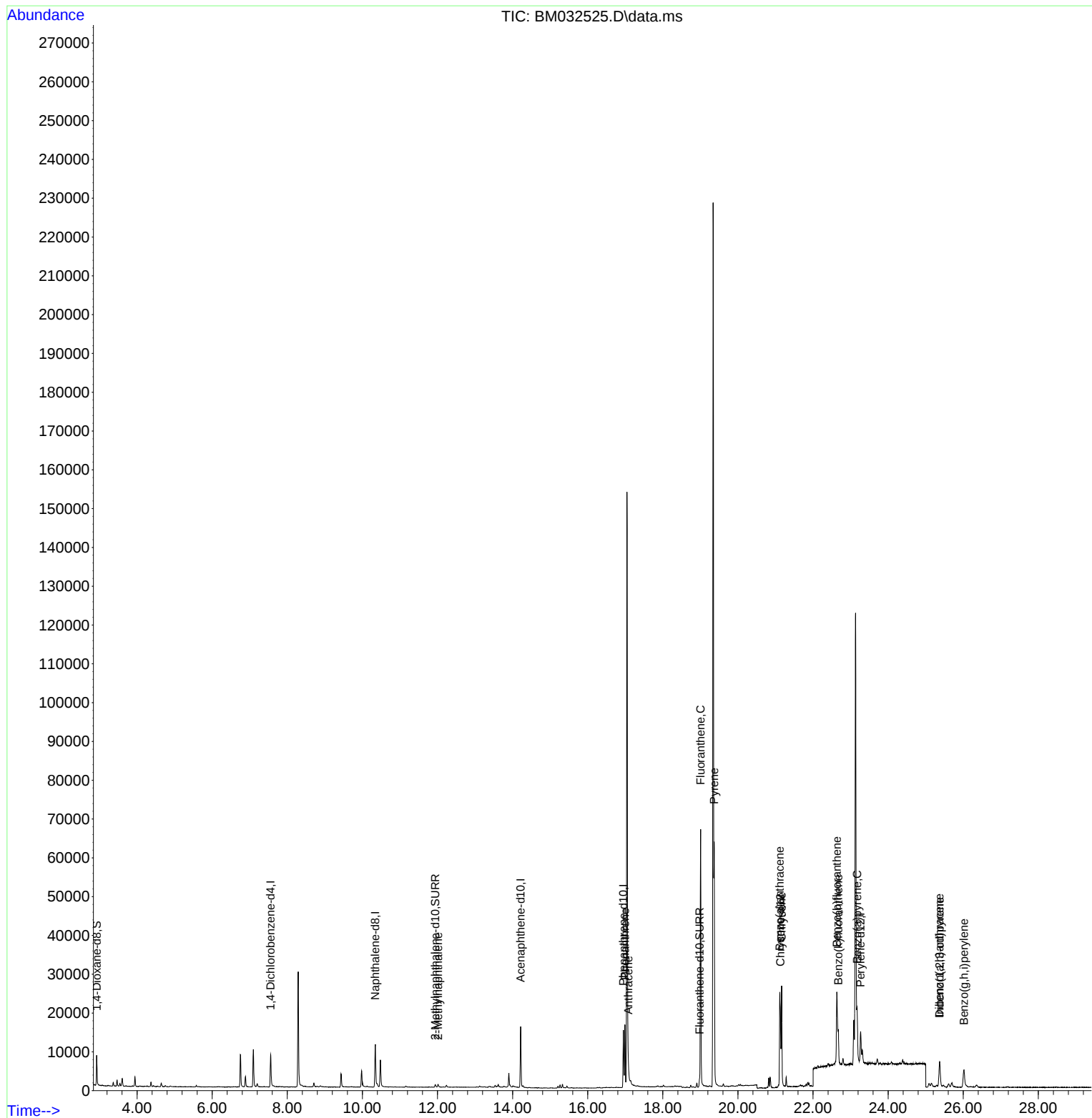
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032525.D
Acq On : 15 Oct 2021 14:42
Operator : CG/JU
Sample : M4030-08DL 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

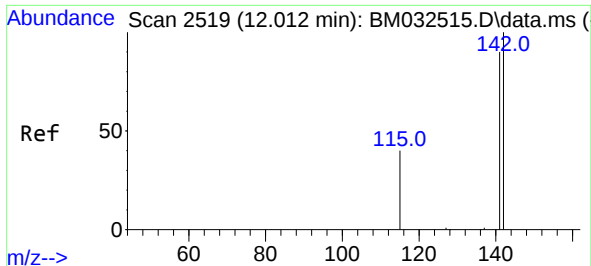
Instrument :
BNA_M
ClientSampleId :
C00U7DL

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:21 PM

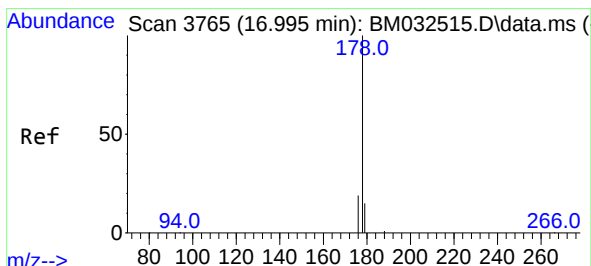
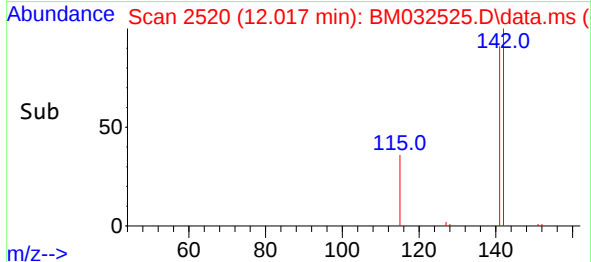
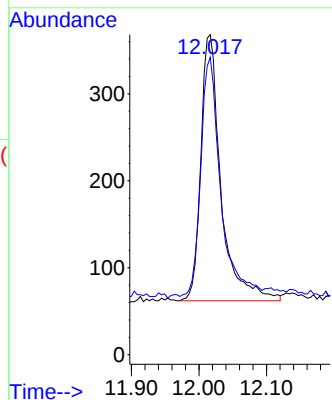
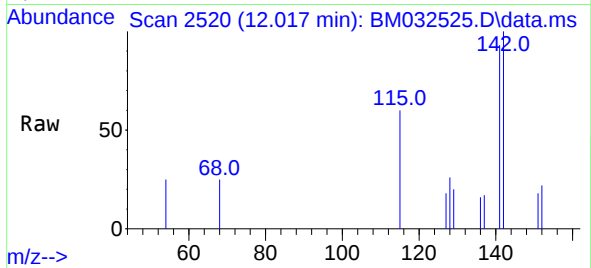
Quant Time: Oct 15 15:17:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration





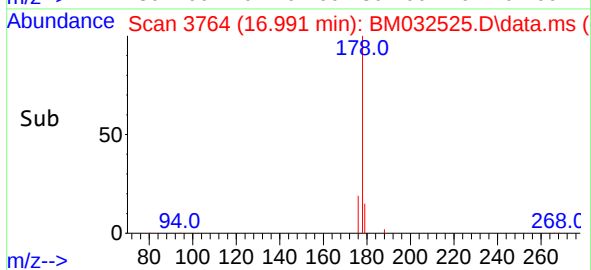
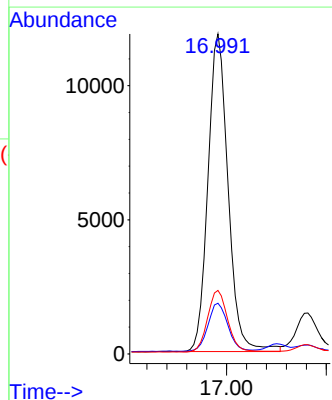
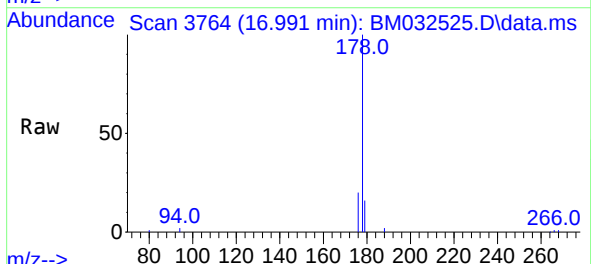
#7
2-Methylnaphthalene
Concen: 0.02 ng/ul
RT: 12.017 min Scan# 2520
Delta R.T. 0.005 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion:142 Resp: 635
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



#15
Phenanthrene
Concen: 0.29 ng/ul
RT: 16.991 min Scan# 3764
Delta R.T. -0.003 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

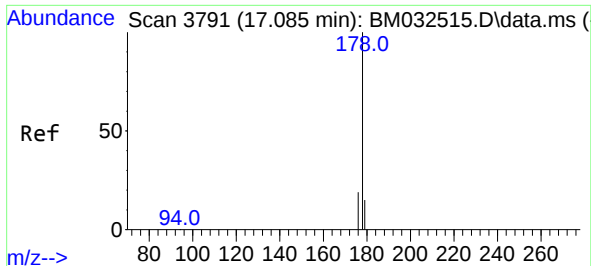
Tgt Ion:178 Resp: 16654
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.9 16.1 24.1



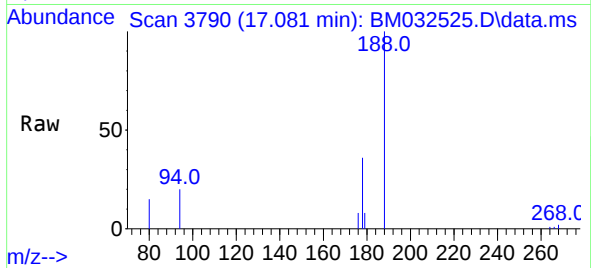
Instrument :
BNA_M
ClientSampleID :
C00U7DL

Manual Integrations
APPROVED

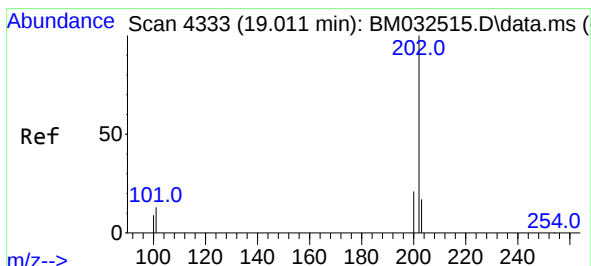
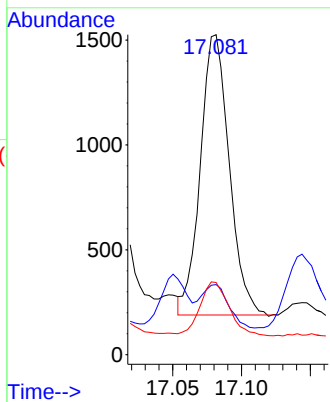
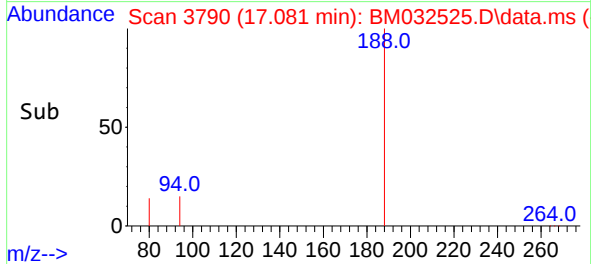
mohammad
10/18/2021 12:41:21 PM



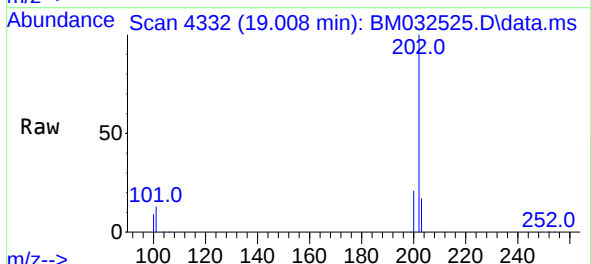
#16
 Anthracene
 Concen: 0.04 ng/ul
 RT: 17.081 min Scan# 3790
 Delta R.T. -0.003 min
 Lab File: BM032525.D
 Acq: 15 Oct 2021 14:42



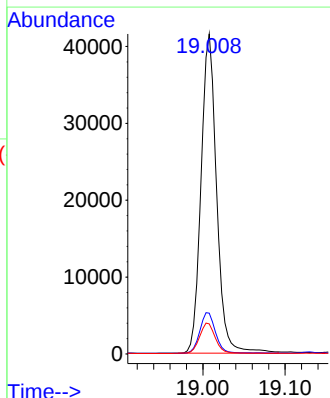
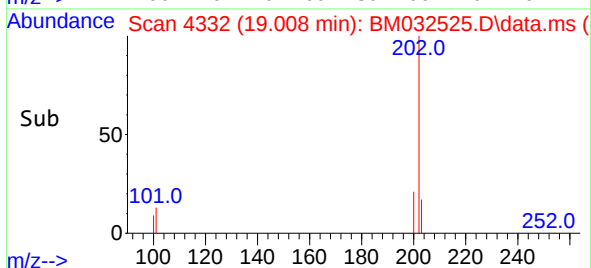
Tgt Ion:	178	Resp:	1951
Ion	Ratio	Lower	Upper
178	100		
179	21.9	12.9	19.3#
176	22.5	15.8	23.6



#19
 Fluoranthene
 Concen: 0.85 ng/ul
 RT: 19.008 min Scan# 4332
 Delta R.T. -0.004 min
 Lab File: BM032525.D
 Acq: 15 Oct 2021 14:42



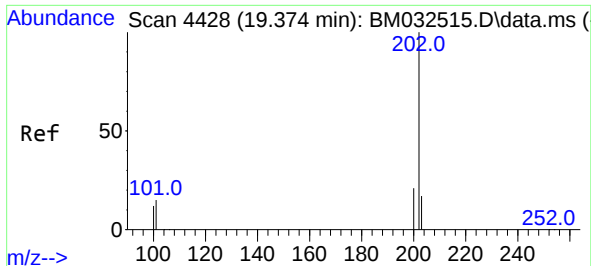
Tgt Ion:	202	Resp:	54706
Ion	Ratio	Lower	Upper
202	100		
101	12.8	10.6	16.0
100	9.4	7.8	11.8



Instrument :
 BNA_M
 ClientSampleId :
 C00U7DL

Manual Integrations
 APPROVED

mohammad
 10/18/2021 12:41:21 PM



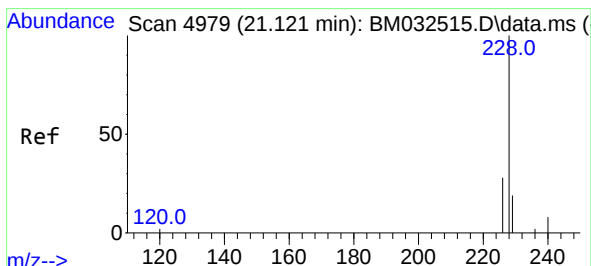
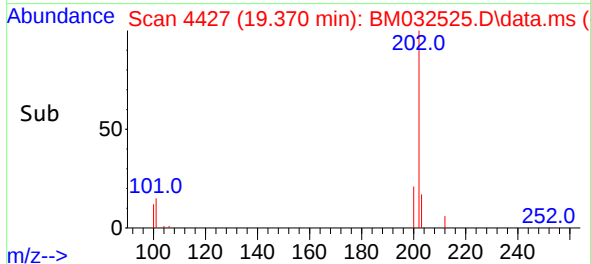
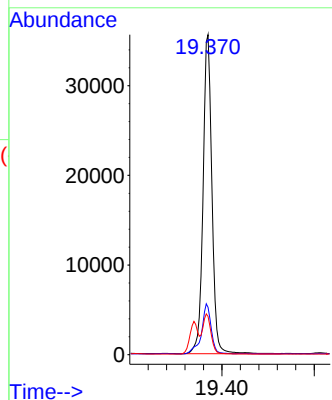
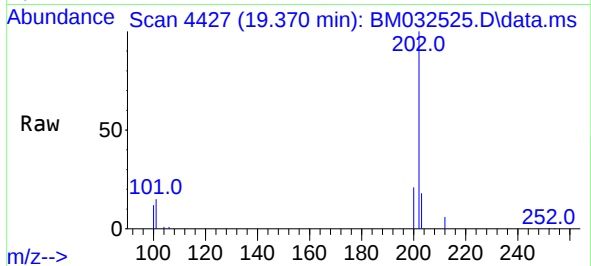
#20
Pyrene
Concen: 0.72 ng/ul
RT: 19.370 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion:	202	Resp:	47536
Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.3	18.5
100	11.9	10.1	15.1

Instrument :
BNA_M
ClientSampleId :
C00U7DL

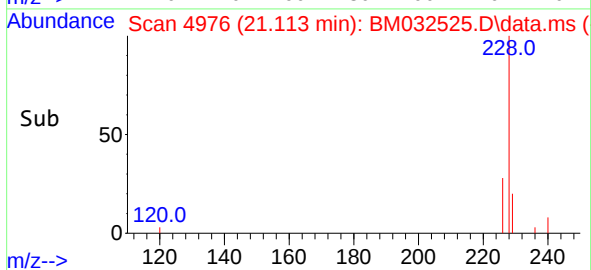
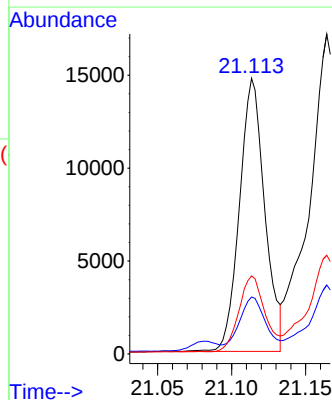
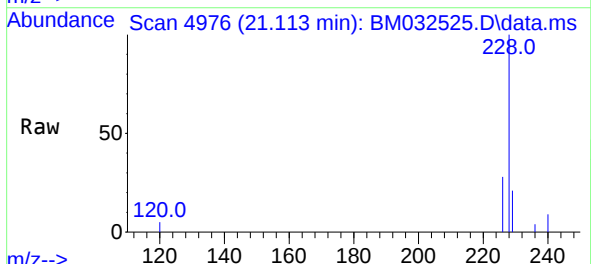
Manual Integrations
APPROVED

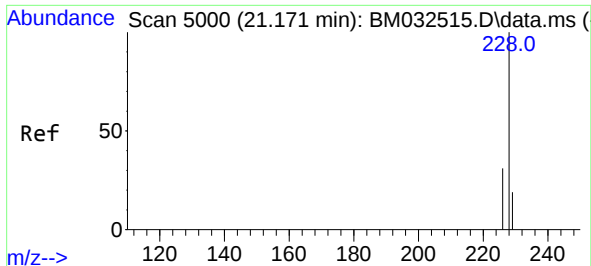
mohammad
10/18/2021 12:41:21 PM



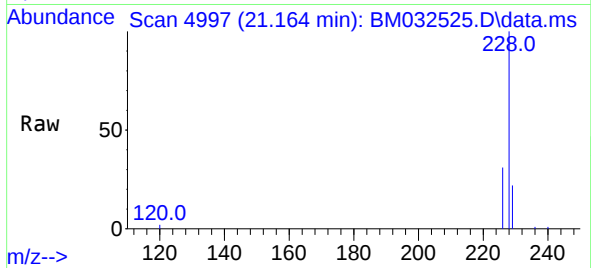
#21
Benzo(a)anthracene
Concen: 0.34 ng/ul
RT: 21.113 min Scan# 4976
Delta R.T. -0.007 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion:	228	Resp:	17439
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	28.3	22.4	33.6

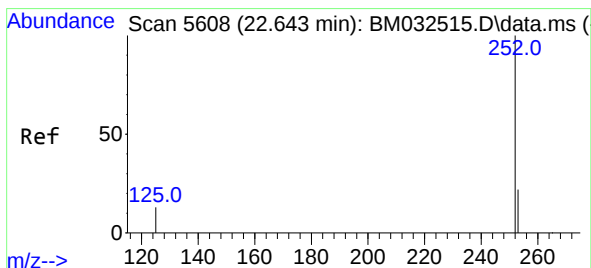
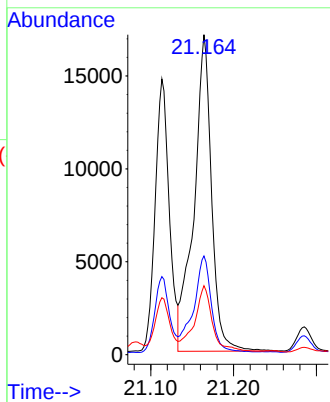
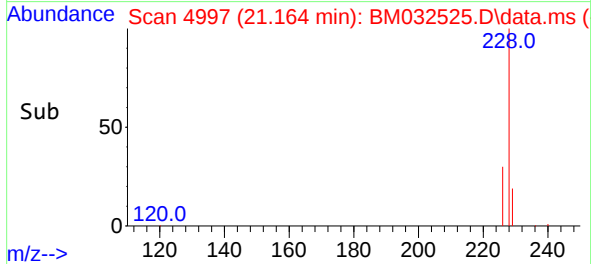




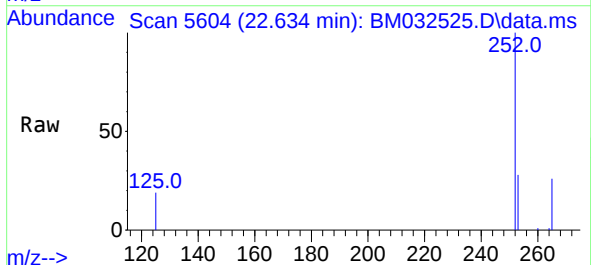
#22
Chrysene
Concen: 0.45 ng/u1
RT: 21.164 min Scan# 4997
Delta R.T. -0.007 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42



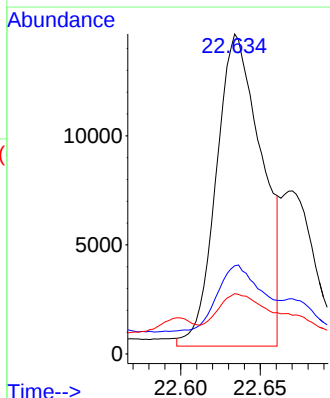
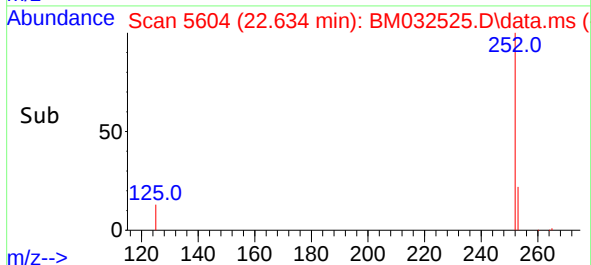
Tgt Ion:228 Resp: 25156
Ion Ratio Lower Upper
228 100
226 30.8 25.1 37.7
229 21.6 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.61 ng/u1 m
RT: 22.634 min Scan# 5604
Delta R.T. -0.010 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42



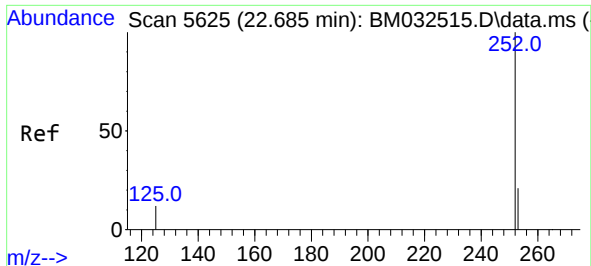
Tgt Ion:252 Resp: 28395
Ion Ratio Lower Upper
252 100
253 27.5 0.0 53.8
125 18.9 0.0 35.6



Instrument :
BNA_M
ClientSampleId :
C00U7DL

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:21 PM



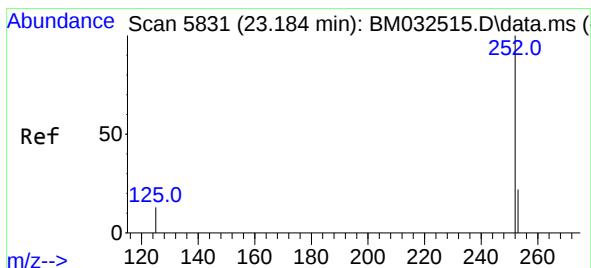
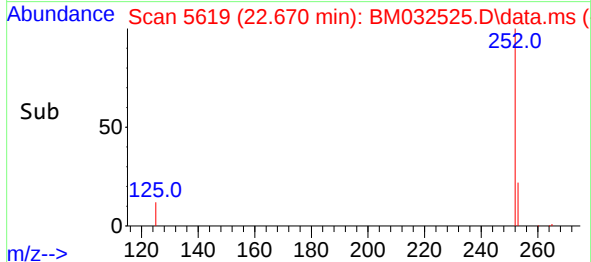
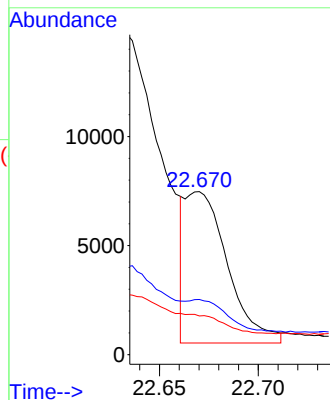
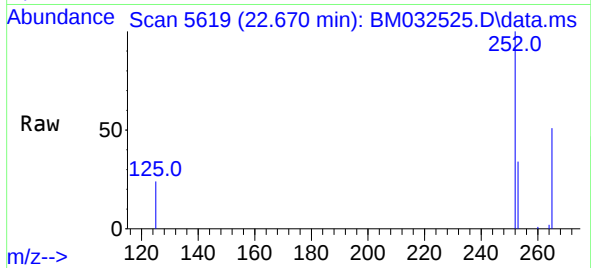
#25
Benzo(k)fluoranthene
Concen: 0.22 ng/ul m
RT: 22.670 min Scan# 5619
Delta R.T. -0.014 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion:252	Resp:	10409
Ion Ratio	Lower	Upper
252	100	
253	33.9	21.8 32.6#
125	23.8	14.4 21.6#

Instrument :
BNA_M
ClientSampleId :
C00U7DL

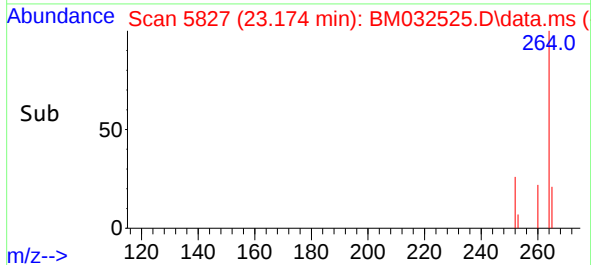
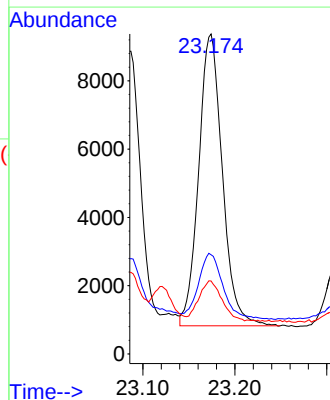
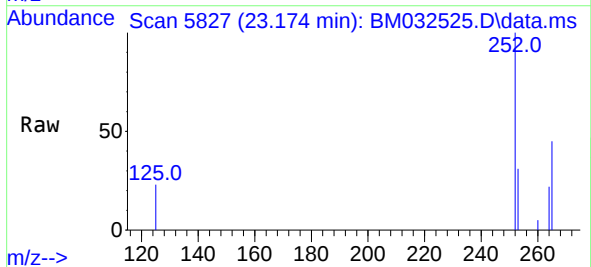
Manual Integrations
APPROVED

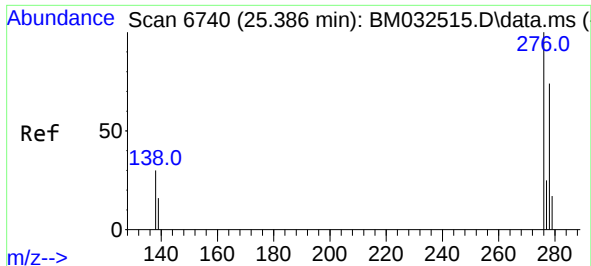
mohammad
10/18/2021 12:41:21 PM



#26
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.174 min Scan# 5827
Delta R.T. -0.010 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion:252	Resp:	15324
Ion Ratio	Lower	Upper
252	100	
253	31.0	23.6 35.4
125	22.8	17.1 25.7





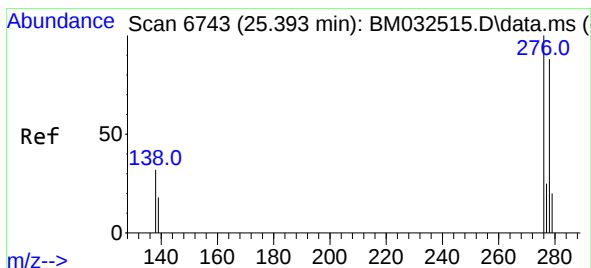
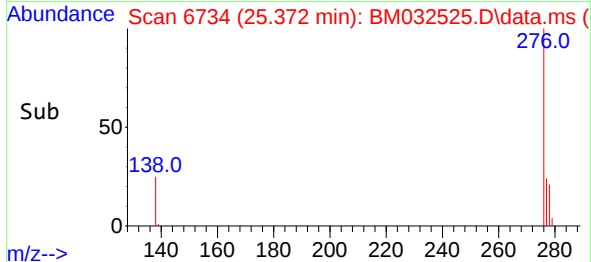
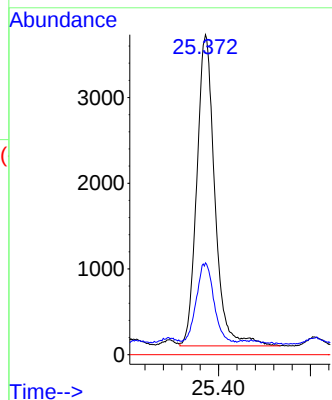
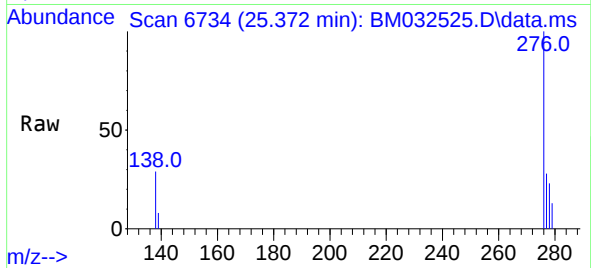
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 25.372 min Scan# 6734
Delta R.T. -0.014 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 276 Resp: 9861
Ion Ratio Lower Upper
276 100
138 24.7 24.9 37.3#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleId :
C00U7DL

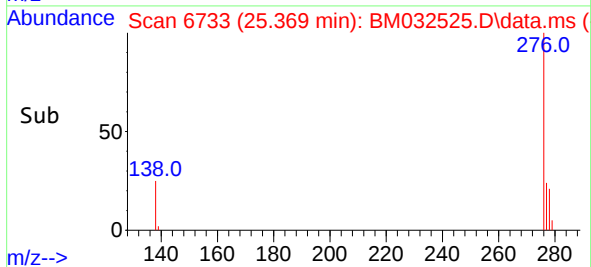
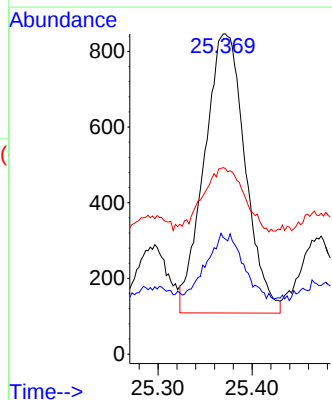
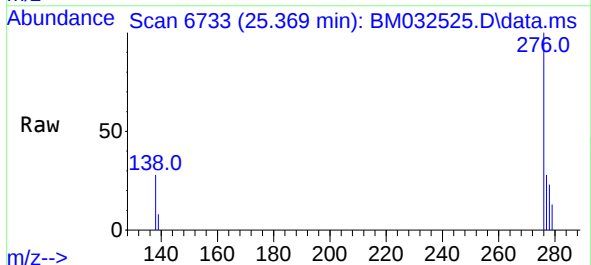
Manual Integrations
APPROVED

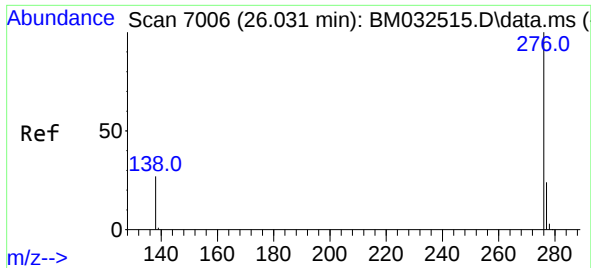
mohammad
10/18/2021 12:41:21 PM



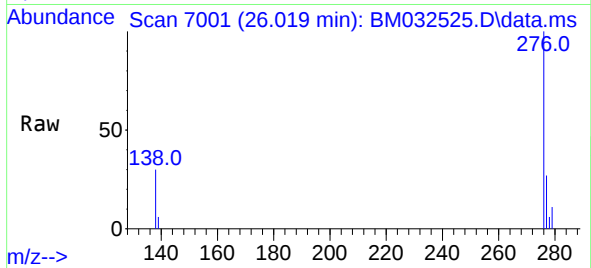
#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.369 min Scan# 6733
Delta R.T. -0.024 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42

Tgt Ion: 278 Resp: 2227
Ion Ratio Lower Upper
278 100
139 36.4 18.6 28.0#
279 58.3 22.0 33.0#

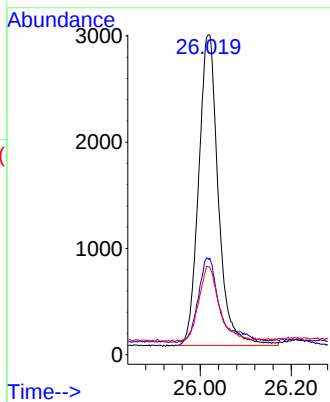
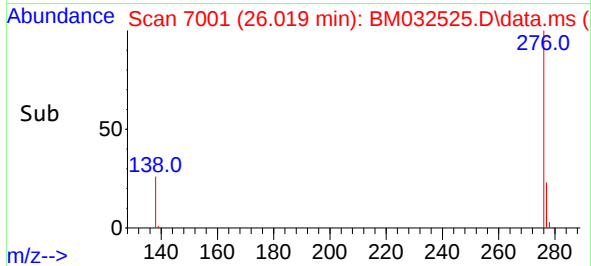




#29
Benzo(g,h,i)perylene
Concen: 0.21 ng/ul
RT: 26.019 min Scan# 7001
Delta R.T. -0.012 min
Lab File: BM032525.D
Acq: 15 Oct 2021 14:42



Tgt Ion:	276	Resp:	8772
Ion Ratio	Lower	Upper	
276	100		
138	29.7	22.6	33.8
277	27.5	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00U7DL

Manual Integrations
APPROVED

mohammad
10/18/2021 12:41:21 PM