

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032558.D
 Acq On : 16 Oct 2021 11:23
 Operator : CG/JU
 Sample : M4029-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00Q9

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:07:55 PM

Quant Time: Oct 18 05:28:49 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	7.553	152	7662	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	24469	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	12810	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24601	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	14155	0.40	ng/ul	0.00
23) Perylene-d12	23.259	264	12120	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	16276	1.90	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3974	0.12	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	7635	0.17	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.988	178	10113	0.12	ng/ul	99
19) Fluoranthene	19.000	202	28362	0.40	ng/ul	99
20) Pyrene	19.362	202	25461	0.35	ng/ul	98
21) Benzo(a)anthracene	21.109	228	6862	0.12	ng/ul	97
22) Chrysene	21.159	228	10537	0.17	ng/ul	97
24) Benzo(b)fluoranthene	22.627	252	12281m	0.22	ng/ul	
25) Benzo(k)fluoranthene	22.663	252	4819m	0.09	ng/ul	
26) Benzo(a)pyrene	23.164	252	7396	0.16	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.360	276	5873	0.10	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.360	278	1277	0.03	ng/ul#	32
29) Benzo(g,h,i)perylene	26.004	276	5846	0.12	ng/ul	92

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

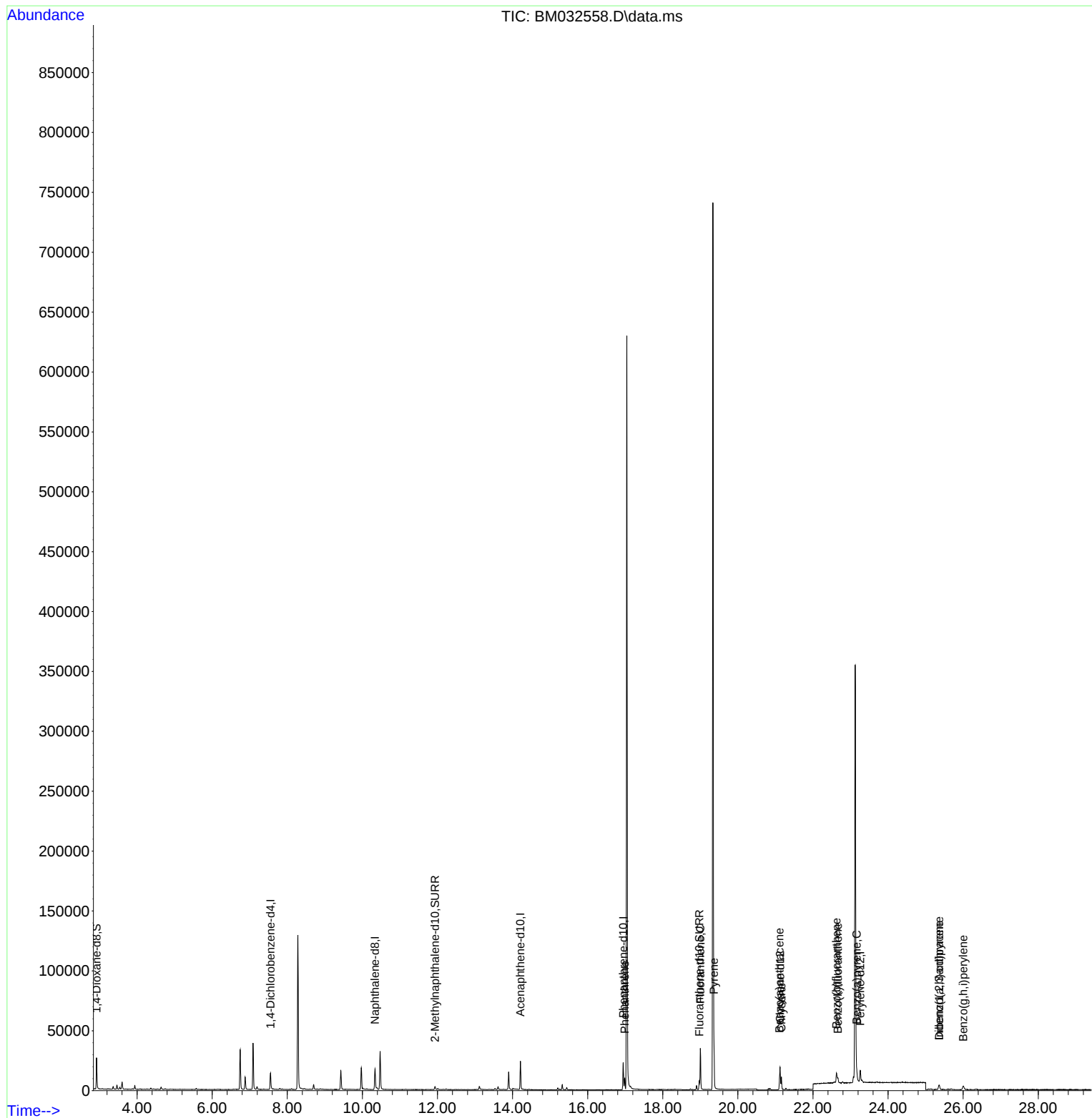
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032558.D
Acq On : 16 Oct 2021 11:23
Operator : CG/JU
Sample : M4029-02
Misc :
ALS Vial : 43 Sample Multiplier: 1

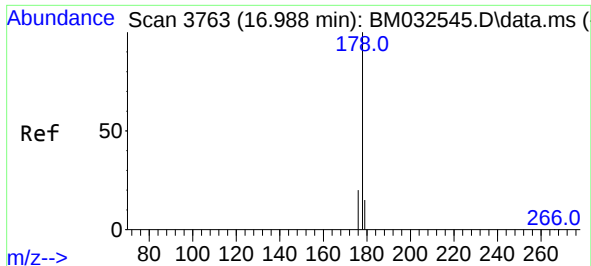
Instrument :
BNA_M
ClientSampleId :
C00Q9

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:55 PM

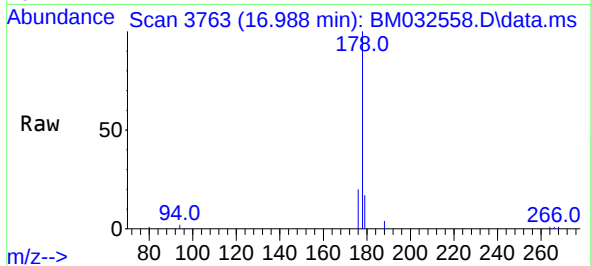
Quant Time: Oct 18 05:28:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 15 12:37:00 2021
Response via : Initial Calibration



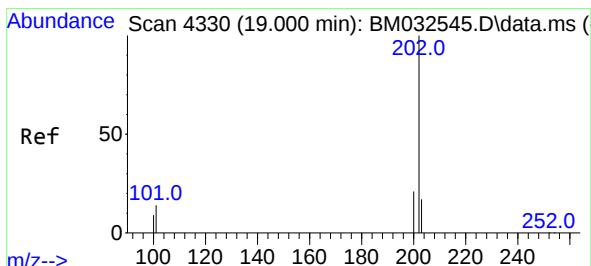
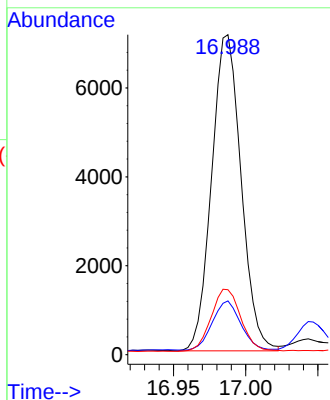
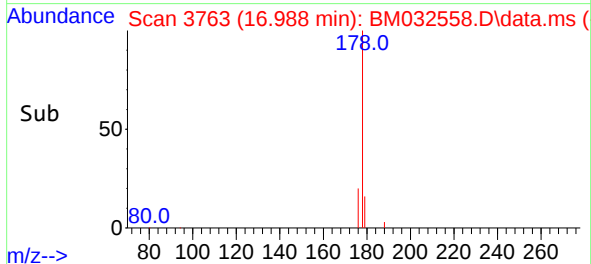


#15
Phenanthrene
Concen: 0.12 ng/ul
RT: 16.988 min Scan# 3763
Delta R.T. -0.007 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

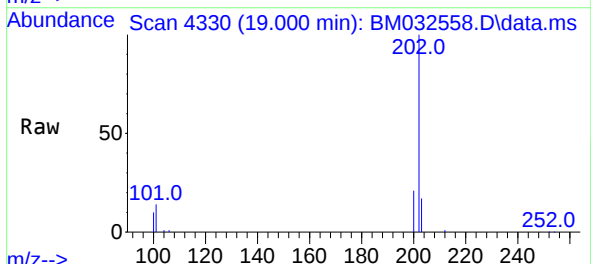
Instrument :
BNA_M
ClientSampled :
C00Q9



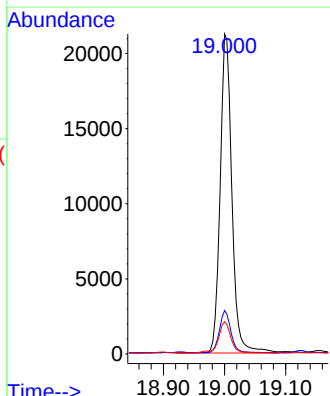
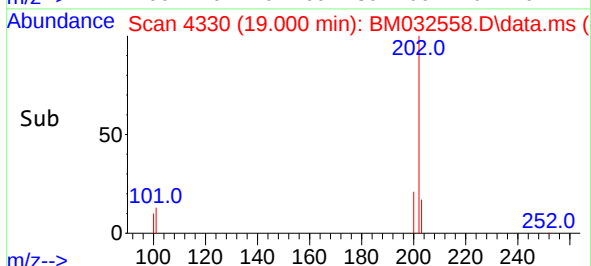
Tgt Ion:178 Resp: 10113
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 20.3 16.1 24.1

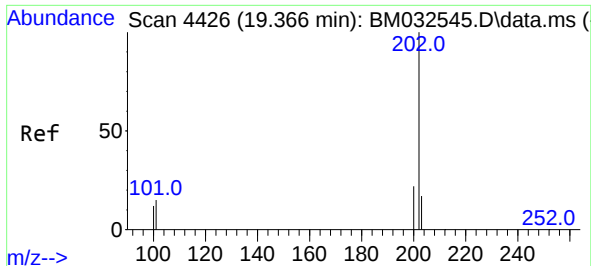


#19
Fluoranthene
Concen: 0.40 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.011 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23



Tgt Ion:202 Resp: 28362
Ion Ratio Lower Upper
202 100
101 13.6 10.6 16.0
100 10.1 7.8 11.8





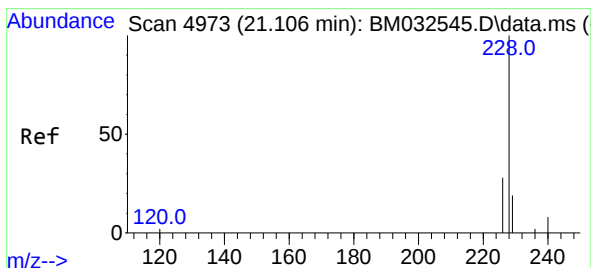
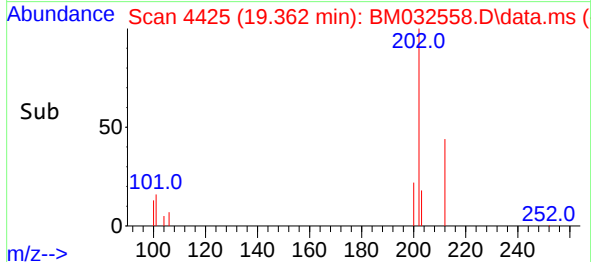
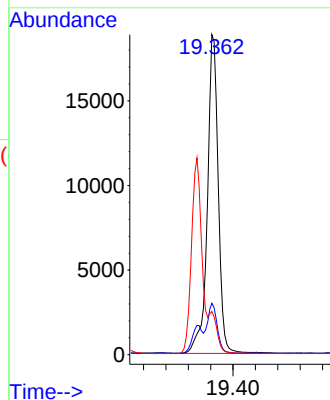
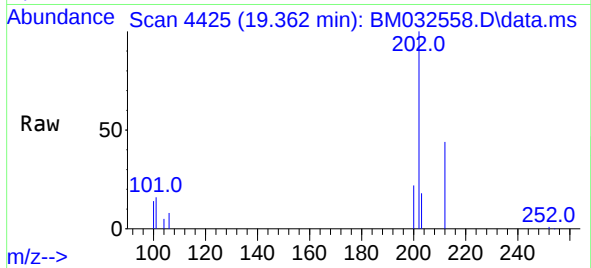
#20
Pyrene
Concen: 0.35 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.011 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

Tgt Ion:	202	Resp:	25461
Ion Ratio	Lower	Upper	
202	100		
101	16.1	12.3	18.5
100	13.5	10.1	15.1

Instrument :
BNA_M
ClientSampleId :
C00Q9

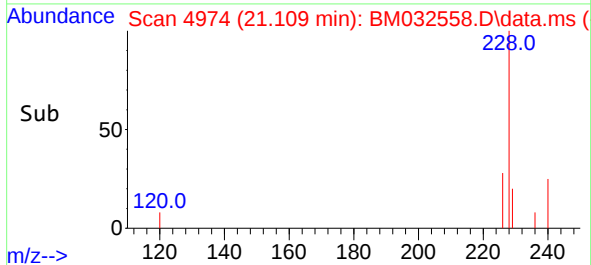
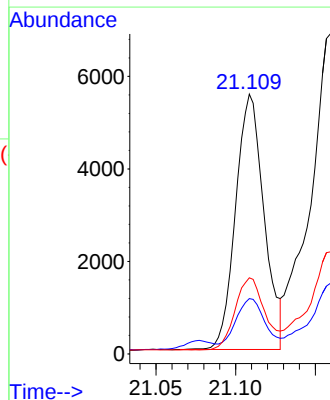
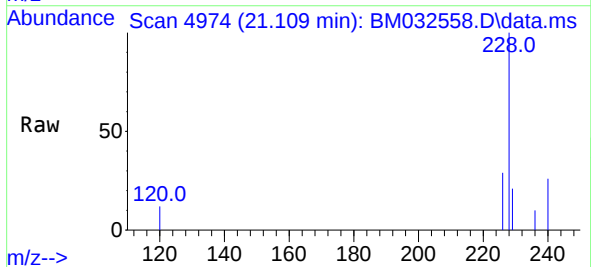
Manual Integrations
APPROVED

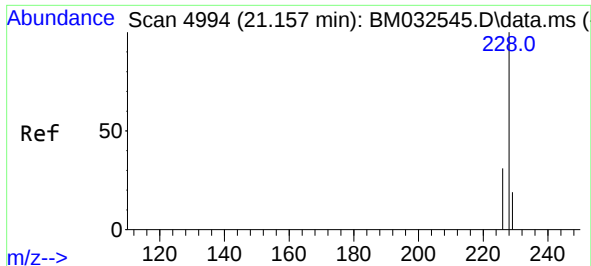
mohammad
10/19/2021 12:07:55 PM



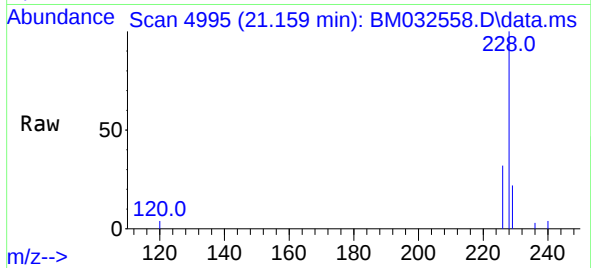
#21
Benzo(a)anthracene
Concen: 0.12 ng/ul
RT: 21.109 min Scan# 4974
Delta R.T. -0.012 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

Tgt Ion:	228	Resp:	6862
Ion Ratio	Lower	Upper	
228	100		
229	21.3	15.9	23.9
226	29.3	22.4	33.6

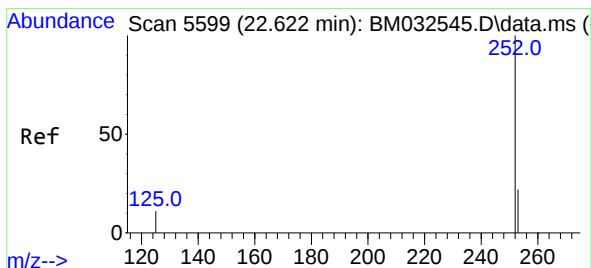
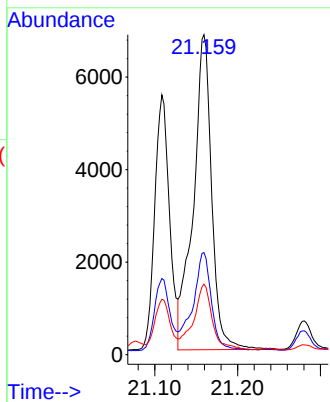
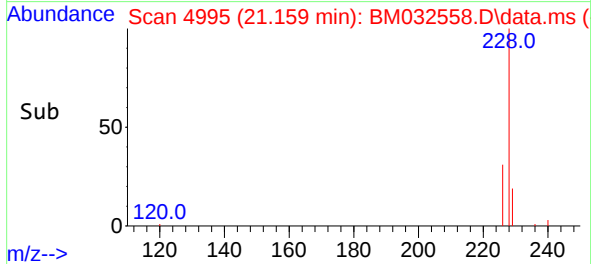




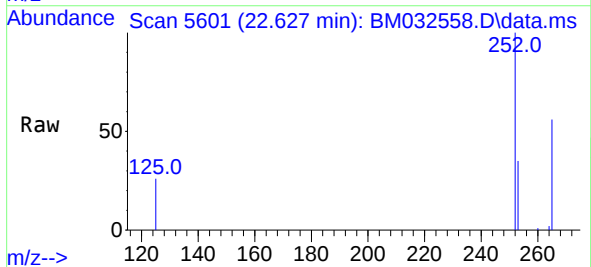
#22
Chrysene
Concen: 0.17 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.012 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23



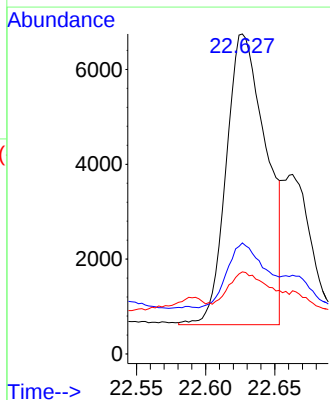
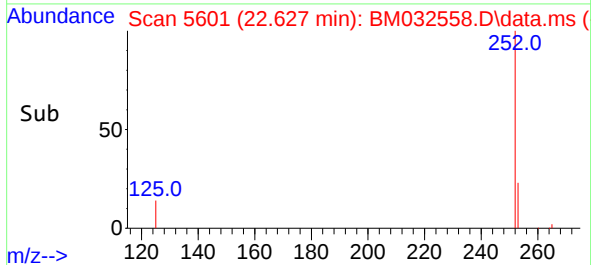
Tgt Ion:228 Resp: 10537
Ion Ratio Lower Upper
228 100
226 31.9 25.1 37.7
229 22.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.22 ng/ul m
RT: 22.627 min Scan# 5601
Delta R.T. -0.017 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23



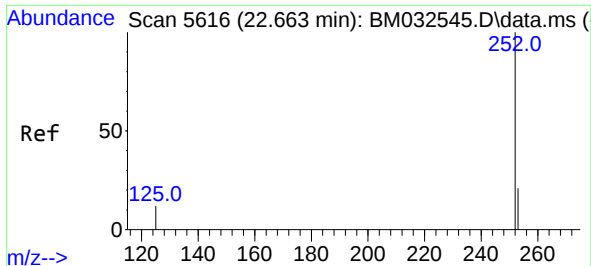
Tgt Ion:252 Resp: 12281
Ion Ratio Lower Upper
252 100
253 34.7 0.0 53.8
125 25.7 0.0 35.6



Instrument :
BNA_M
ClientSampleId :
C00Q9

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:55 PM



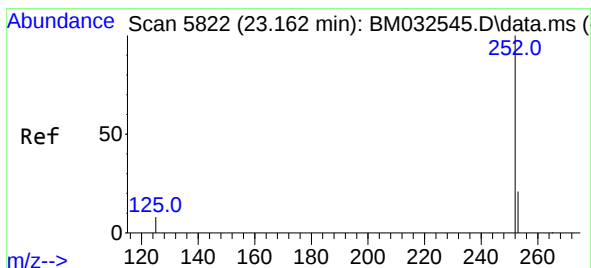
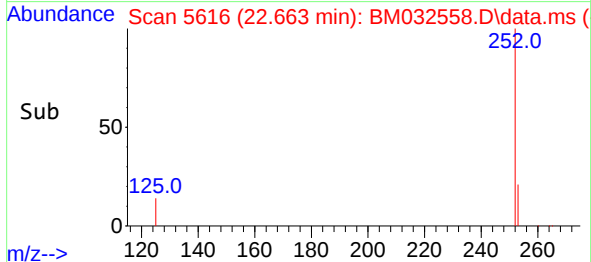
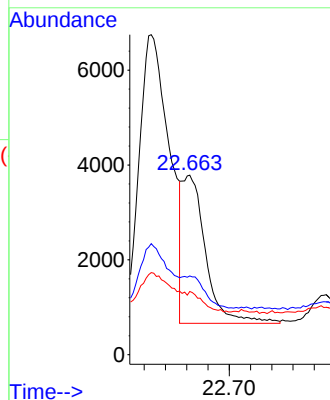
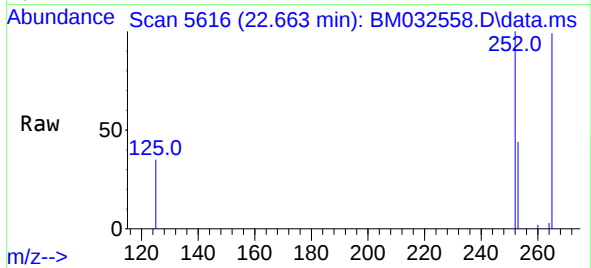
#25
Benzo(k)fluoranthene
Concen: 0.09 ng/ul m
RT: 22.663 min Scan# 5616
Delta R.T. -0.022 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

Tgt Ion:252 Resp: 4819
Ion Ratio Lower Upper
252 100
253 43.9 21.8 32.6#
125 35.2 14.4 21.6#

Instrument :
BNA_M
ClientSampled :
C00Q9

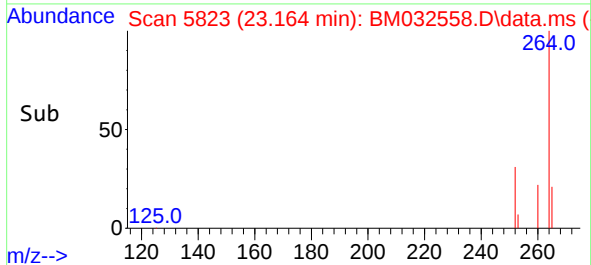
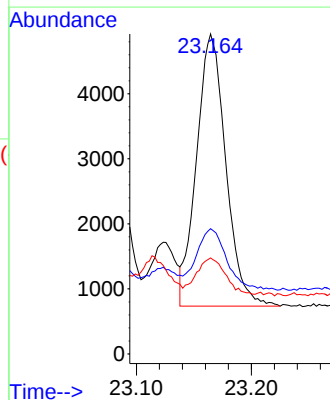
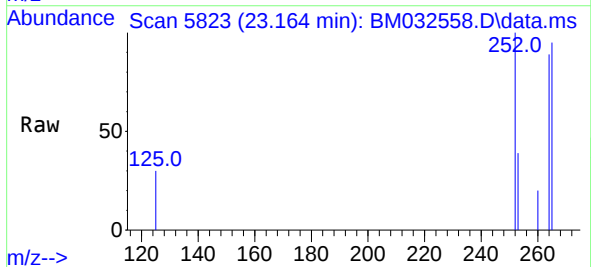
Manual Integrations
APPROVED

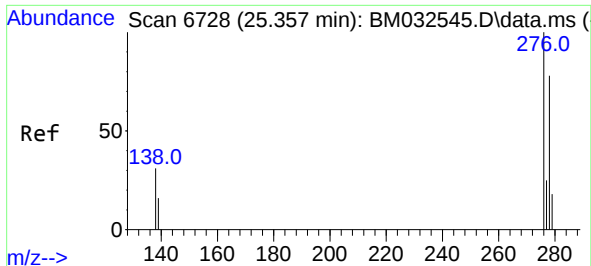
mohammad
10/19/2021 12:07:55 PM



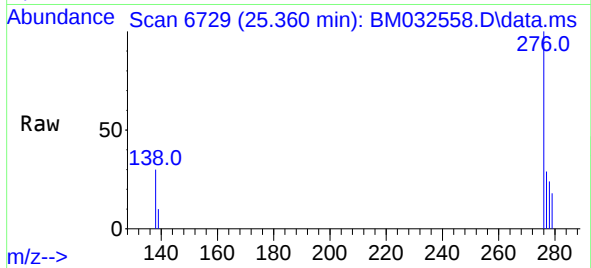
#26
Benzo(a)pyrene
Concen: 0.16 ng/ul
RT: 23.164 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

Tgt Ion:252 Resp: 7396
Ion Ratio Lower Upper
252 100
253 39.1 23.6 35.4#
125 30.0 17.1 25.7#



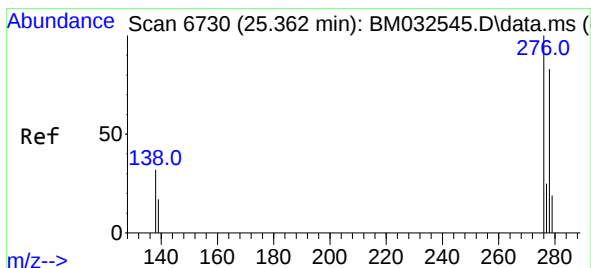
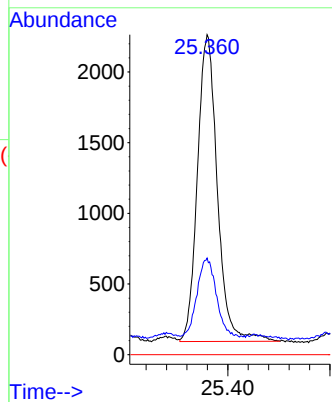
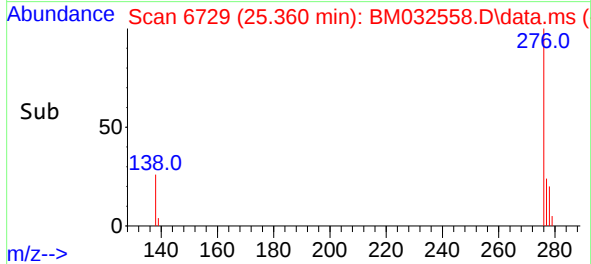


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.027 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

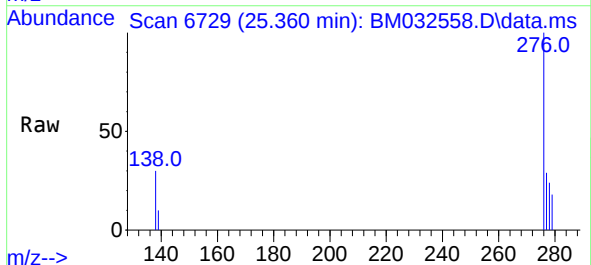


Tgt Ion: 276 Resp: 5873

Ion	Ratio	Lower	Upper
276	100		
138	25.5	24.9	37.3
227	0.0	0.0	0.0

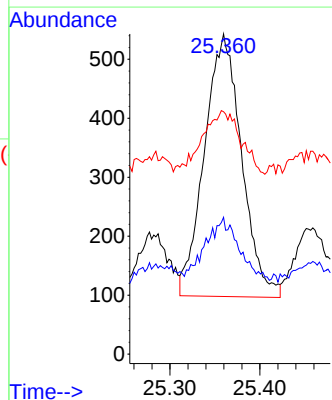
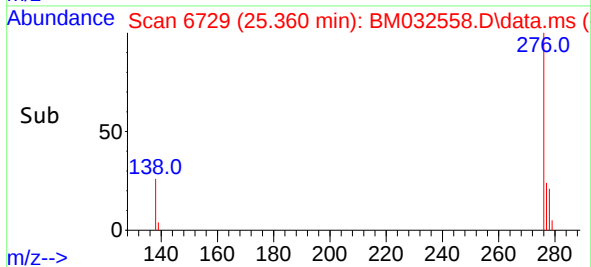


#28
Dibenzo(a,h)anthracene
Concen: 0.03 ng/ul
RT: 25.360 min Scan# 6729
Delta R.T. -0.034 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23



Tgt Ion: 278 Resp: 1277

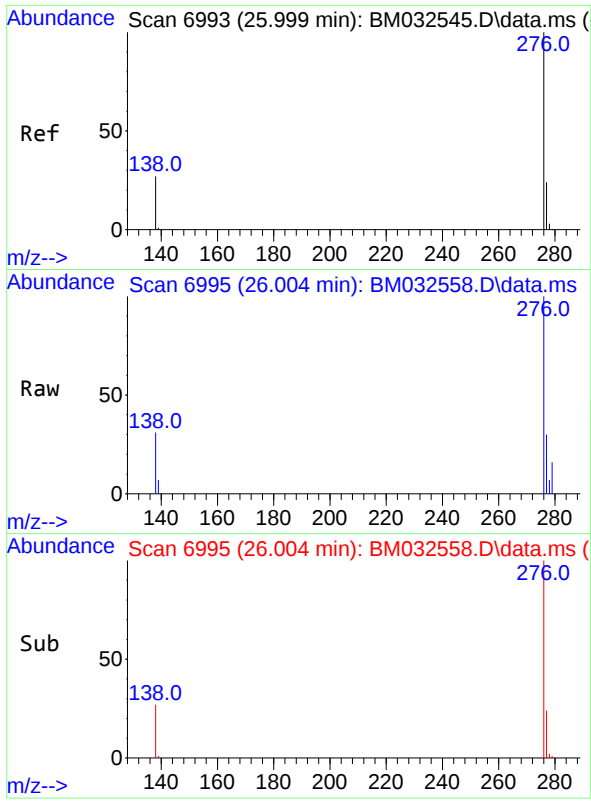
Ion	Ratio	Lower	Upper
278	100		
139	42.7	18.6	28.0#
279	75.7	22.0	33.0#



Instrument :
BNA_M
ClientSampleId :
C00Q9

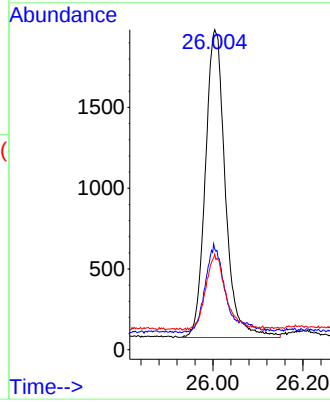
Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:55 PM



#29
Benzo(g,h,i)perylene
Concen: 0.12 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.027 min
Lab File: BM032558.D
Acq: 16 Oct 2021 11:23

Tgt Ion:	276	Resp:	5846
Ion Ratio	Lower	Upper	
276	100		
138	31.3	22.6	33.8
277	29.8	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
C00Q9

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:55 PM