

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032568.D
 Acq On : 18 Oct 2021 11:53
 Operator : CG/JU
 Sample : M4029-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00S9

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:10:27 PM

Quant Time: Oct 18 12:23:49 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 : Mon Oct 18 10:38:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	4743	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	14347	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	6650	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	11759	0.40	ng/ul	0.00
17) Chrysene-d12	21.125	240	8854	0.40	ng/ul	0.00
23) Perylene-d12	23.261	264	7982	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	7433	1.40	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	2657	0.14	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	4377	0.16	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	9014	0.21	ng/ul	98
7) 2-Methylnaphthalene	12.008	142	5696	0.20	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	3371	0.12	ng/ul	100
10) Acenaphthylene	13.924	152	8670	0.31	ng/ul	100
11) Acenaphthene	14.270	153	1266	0.05	ng/ul	95
12) Fluorene	15.256	166	2954	0.10	ng/ul#	97
15) Phenanthrene	16.984	178	62196	1.57	ng/ul	99
16) Anthracene	17.074	178	10822	0.31	ng/ul	99
19) Fluoranthene	19.000	202	183715	4.19	ng/ul	100
20) Pyrene	19.362	202	159531	3.54	ng/ul	100
21) Benzo(a)anthracene	21.108	228	68534	1.98	ng/ul	98
22) Chrysene	21.159	228	87604	2.30	ng/ul	98
24) Benzo(b)fluoranthene	22.626	252	127777m	3.46	ng/ul	
25) Benzo(k)fluoranthene	22.665	252	46072m	1.25	ng/ul	
26) Benzo(a)pyrene	23.167	252	76795	2.48	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.359	276	63322	1.68	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.357	278	14116	0.47	ng/ul	96
29) Benzo(g,h,i)perylene	26.004	276	53472	1.62	ng/ul	99

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

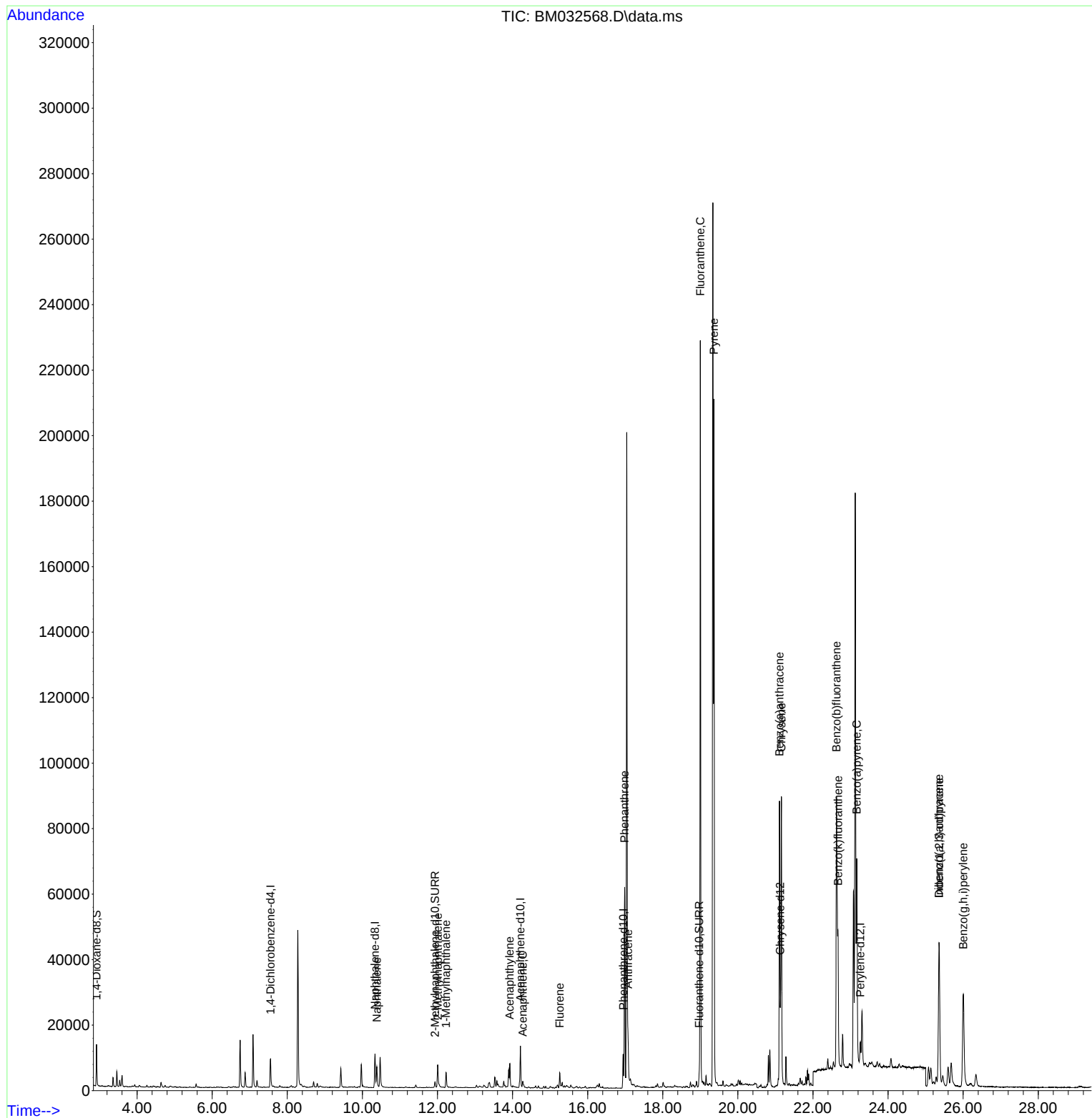
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032568.D
Acq On : 18 Oct 2021 11:53
Operator : CG/JU
Sample : M4029-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

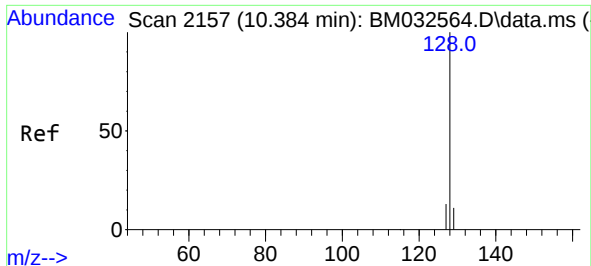
Instrument :
BNA_M
ClientSampleId :
C00S9

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:27 PM

Quant Time: Oct 18 12:23:49 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 : Mon Oct 18 10:38:29 2021
Response via : Initial Calibration





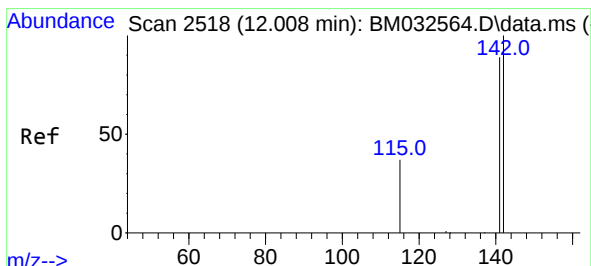
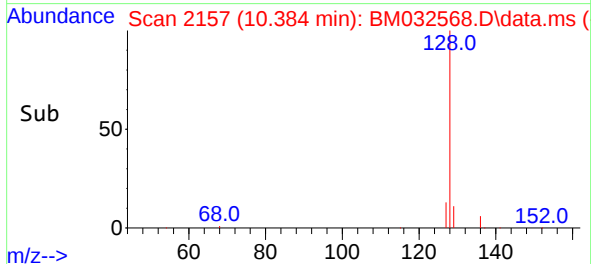
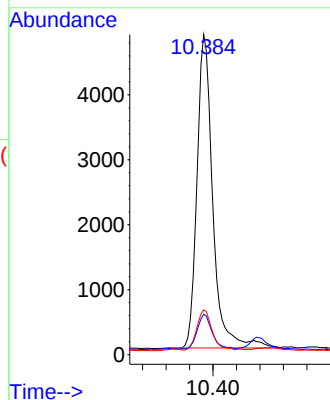
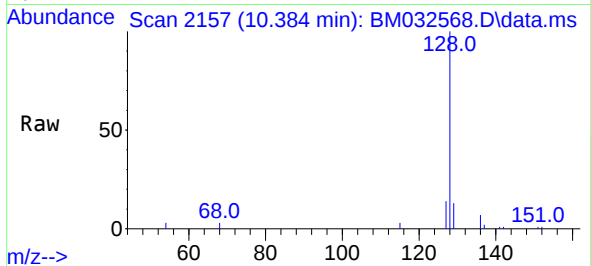
#5
Naphthalene
Concen: 0.21 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:	128	Resp:	9014
Ion	Ratio	Lower	Upper
128	100		
129	12.7	9.1	13.7
127	14.0	11.1	16.7

Instrument :
BNA_M
ClientSampled :
C00S9

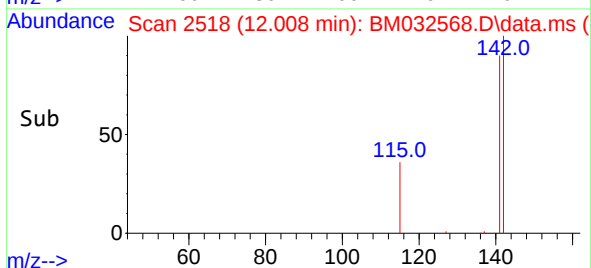
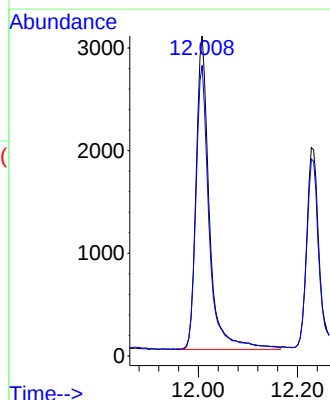
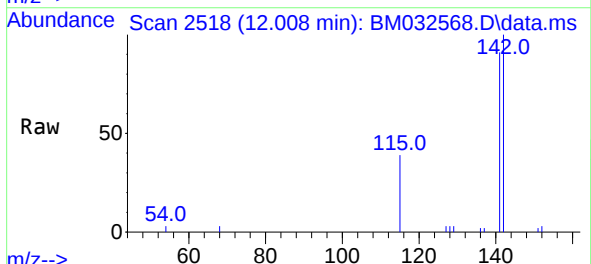
Manual Integrations
APPROVED

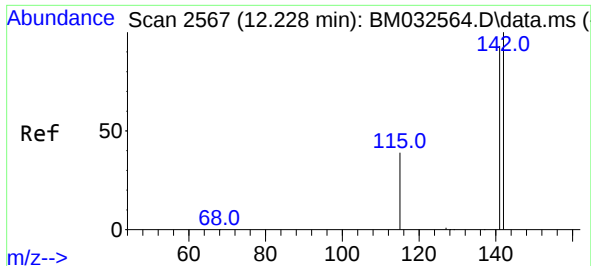
mohammad
10/19/2021 12:10:27 PM



#7
2-Methylnaphthalene
Concen: 0.20 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:	142	Resp:	5696
Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.2	108.2





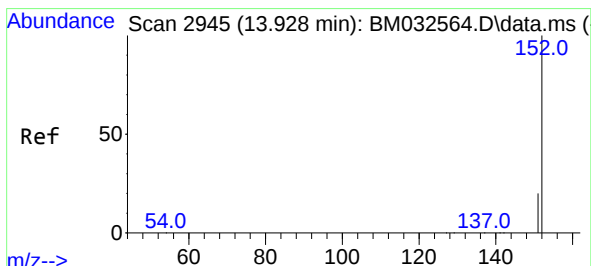
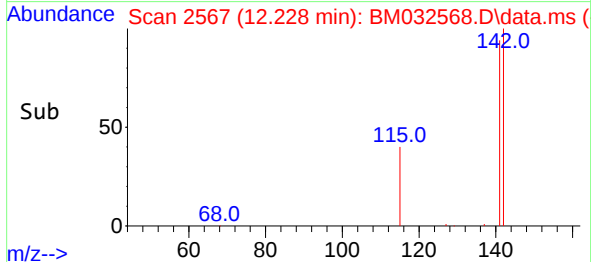
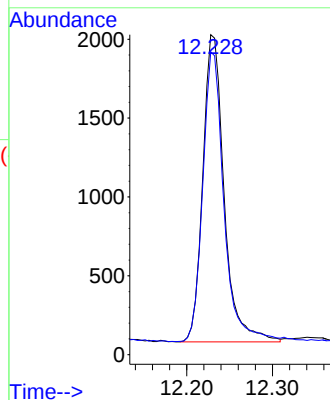
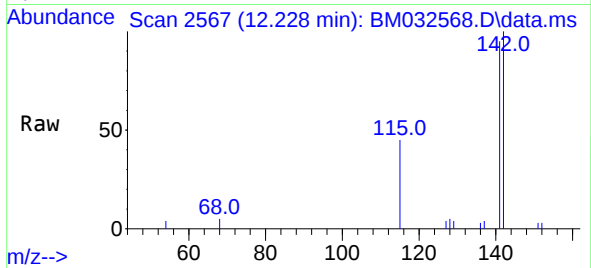
#8
1-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:142 Resp: 3371
Ion Ratio Lower Upper
142 100
141 93.6 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00S9

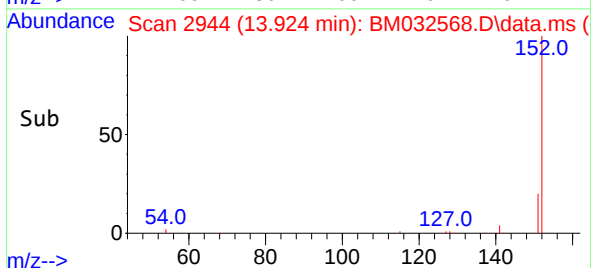
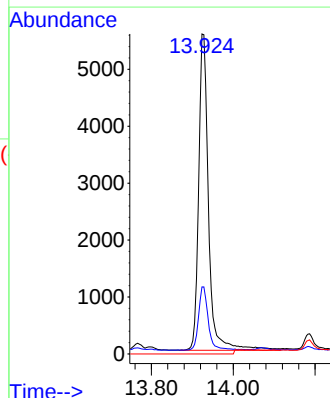
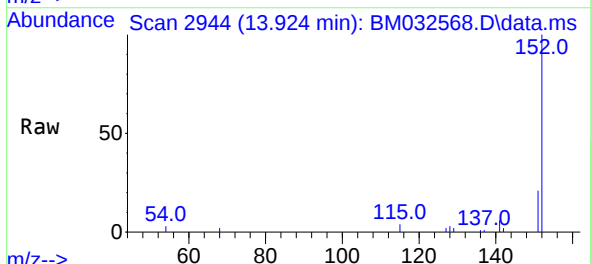
Manual Integrations
APPROVED

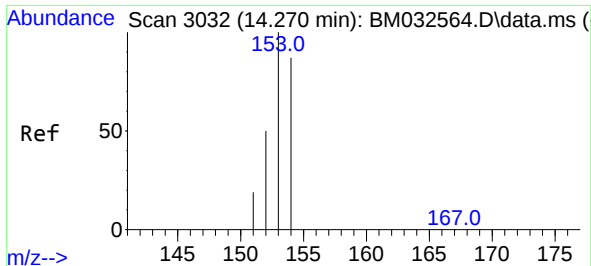
mohammad
10/19/2021 12:10:27 PM



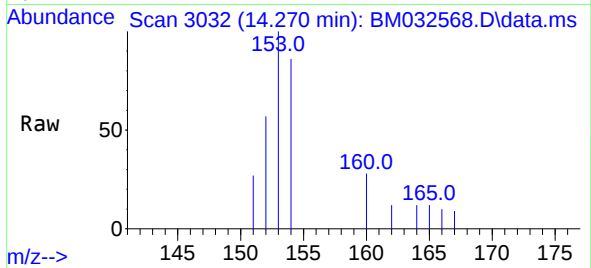
#10
Acenaphthylene
Concen: 0.31 ng/ul
RT: 13.924 min Scan# 2944
Delta R.T. -0.005 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:152 Resp: 8670
Ion Ratio Lower Upper
152 100
151 21.0 16.7 25.1
153 0.0 0.0 0.0

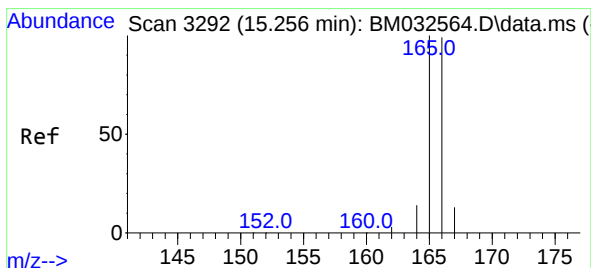
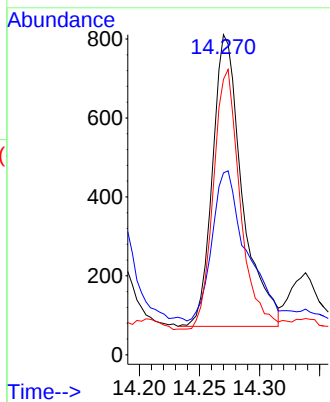
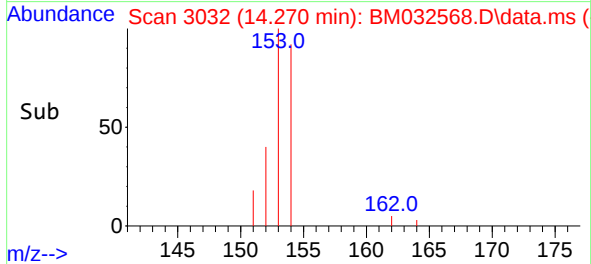




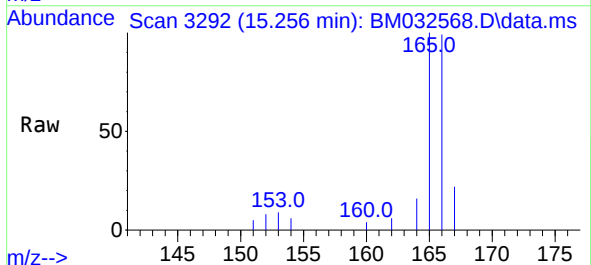
#11
Acenaphthene
Concen: 0.05 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



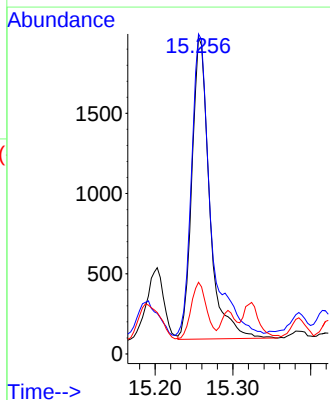
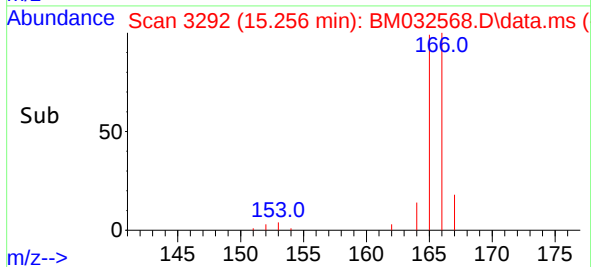
Tgt Ion:153 Resp: 1266
Ion Ratio Lower Upper
153 100
152 56.8 40.4 60.6
154 86.1 70.8 106.2



#12
Fluorene
Concen: 0.10 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



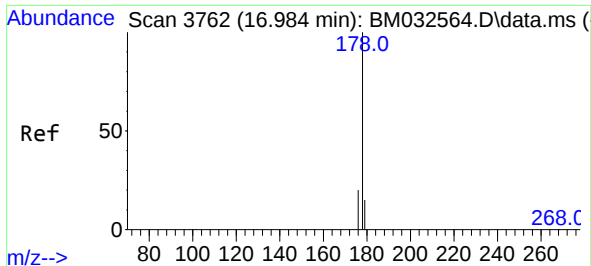
Tgt Ion:166 Resp: 2954
Ion Ratio Lower Upper
166 100
165 101.0 80.7 121.1
167 22.6 11.2 16.8#



Instrument :
BNA_M
ClientSampled :
C00S9

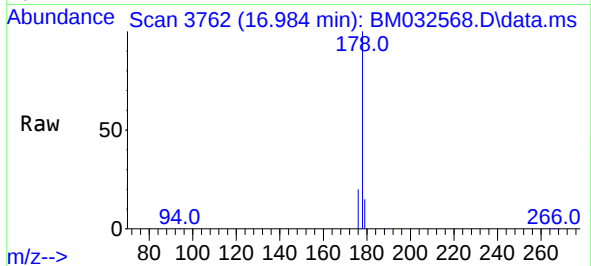
Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:27 PM



#15
Phenanthrene
Concen: 1.57 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

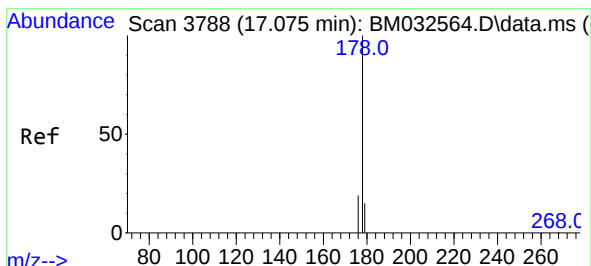
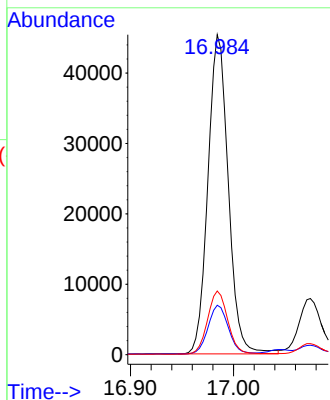
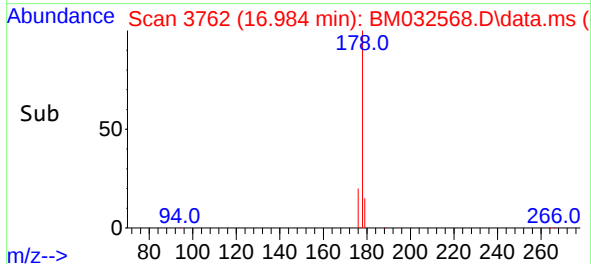
Instrument :
BNA_M
ClientSampled :
C00S9



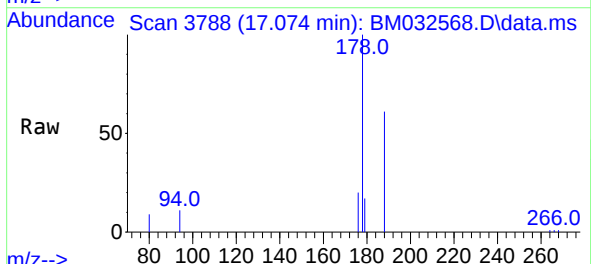
Tgt Ion:178 Resp: 62196
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.9 16.1 24.1

Manual Integrations
APPROVED

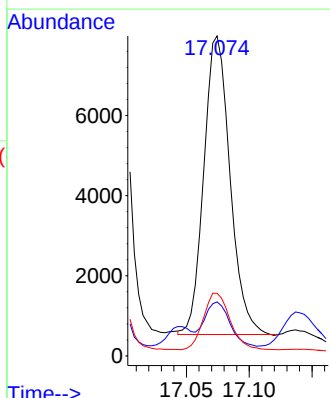
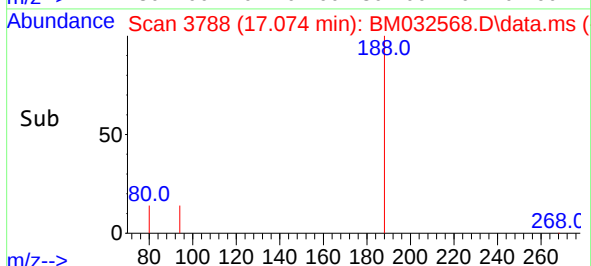
mohammad
10/19/2021 12:10:27 PM

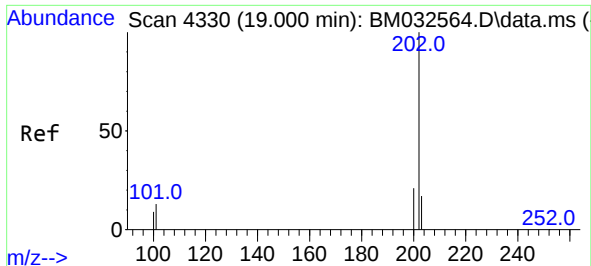


#16
Anthracene
Concen: 0.31 ng/ul
RT: 17.074 min Scan# 3788
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



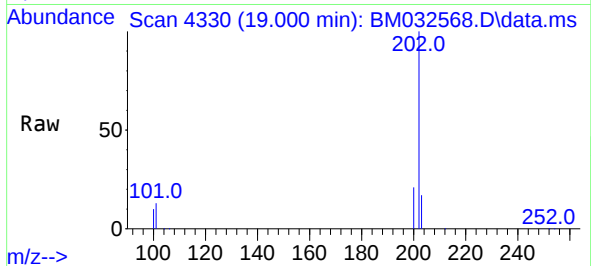
Tgt Ion:178 Resp: 10822
Ion Ratio Lower Upper
178 100
179 16.9 12.9 19.3
176 19.6 15.8 23.6





#19
Fluoranthene
Concen: 4.19 ng/ul
RT: 19.000 min Scan# 4330
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

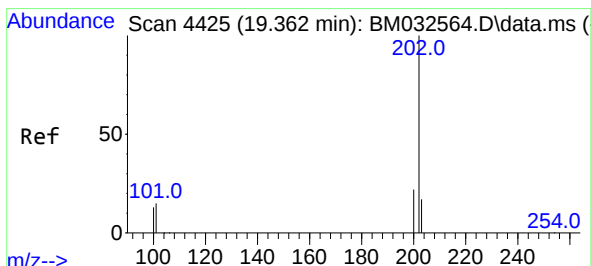
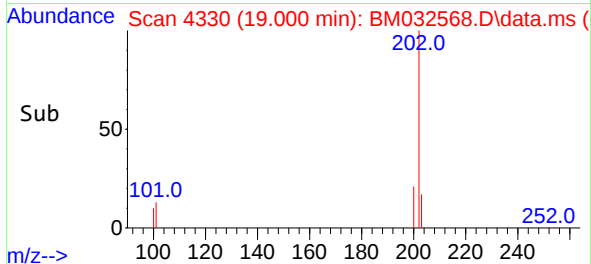
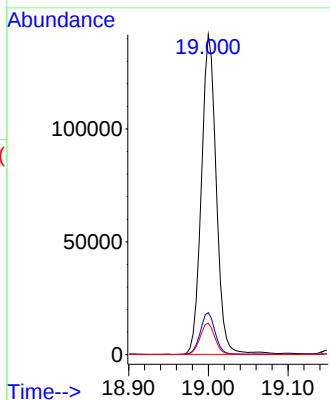
Instrument :
BNA_M
ClientSampled :
C00S9



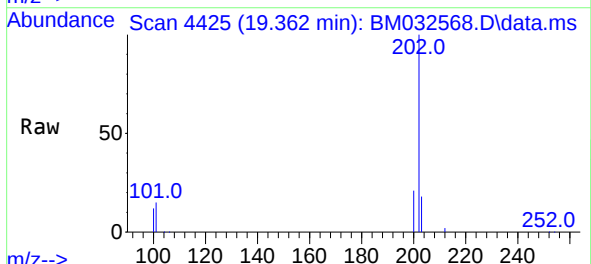
Tgt Ion:202 Resp: 183715
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 9.8 7.8 11.8

Manual Integrations
APPROVED

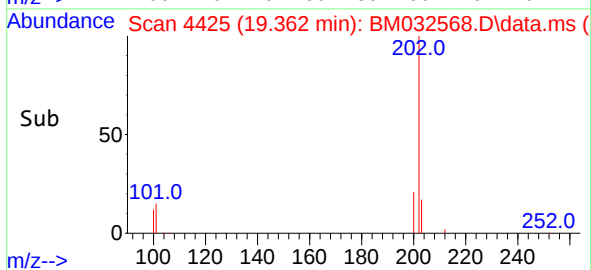
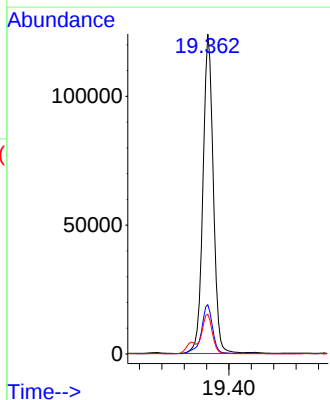
mohammad
10/19/2021 12:10:27 PM

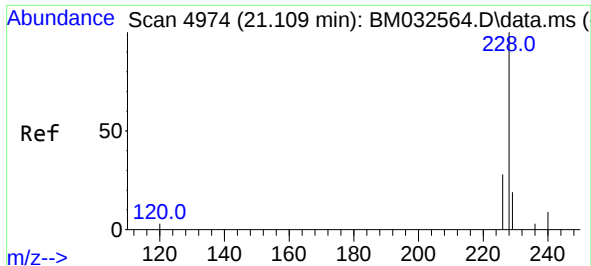


#20
Pyrene
Concen: 3.54 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



Tgt Ion:202 Resp: 159531
Ion Ratio Lower Upper
202 100
101 15.4 12.3 18.5
100 12.4 10.1 15.1





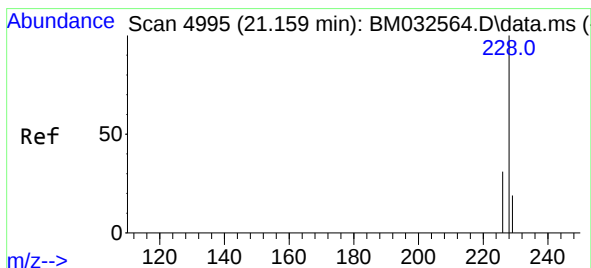
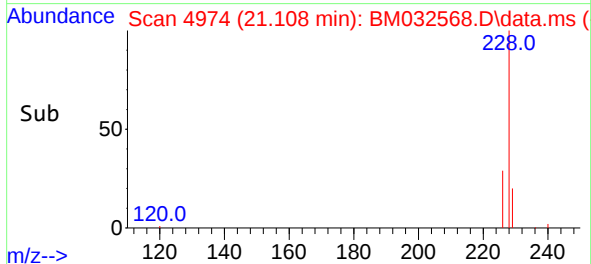
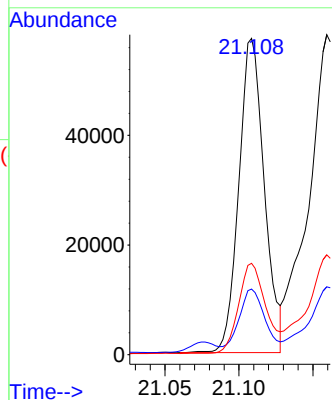
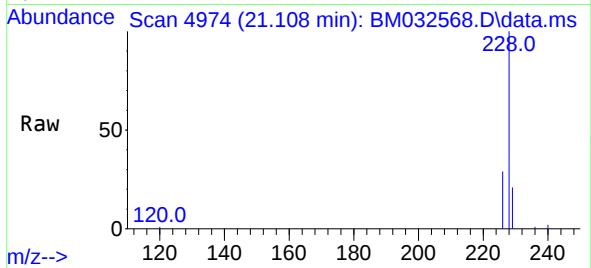
#21
Benzo(a)anthracene
Concen: 1.98 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:228 Resp: 68534
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.9 22.4 33.6

Instrument :
BNA_M
ClientSampled :
C00S9

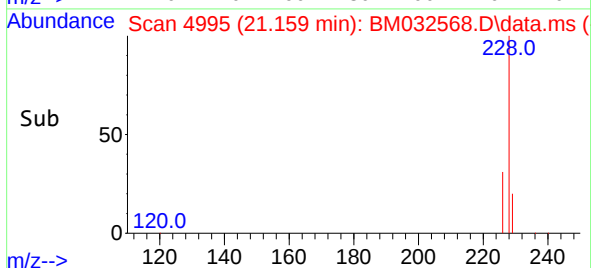
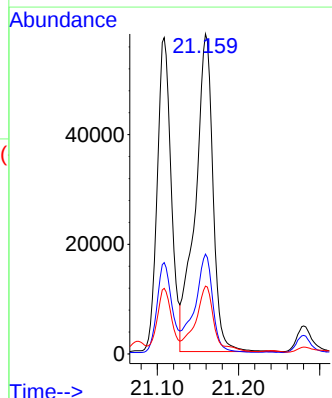
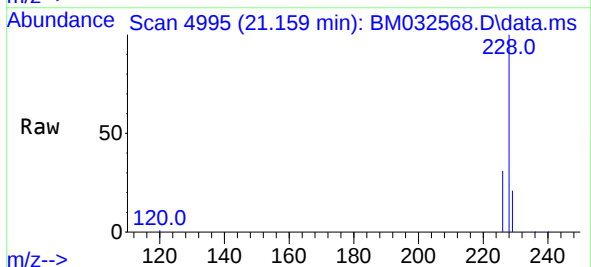
Manual Integrations
APPROVED

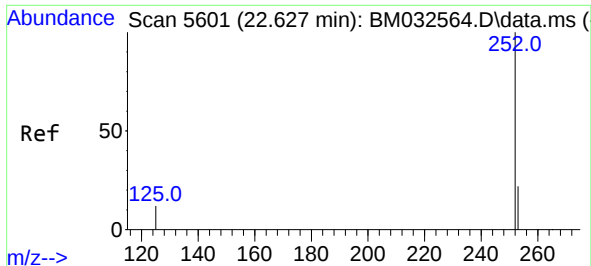
mohammad
10/19/2021 12:10:27 PM



#22
Chrysene
Concen: 2.30 ng/ul
RT: 21.159 min Scan# 4995
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:228 Resp: 87604
Ion Ratio Lower Upper
228 100
226 31.2 25.1 37.7
229 21.2 15.7 23.5





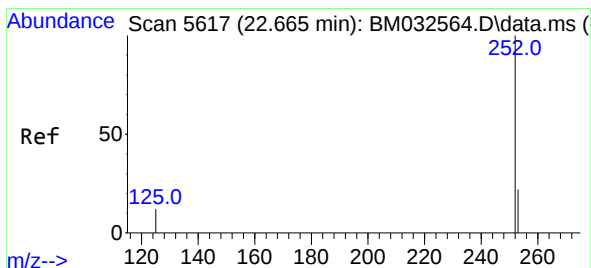
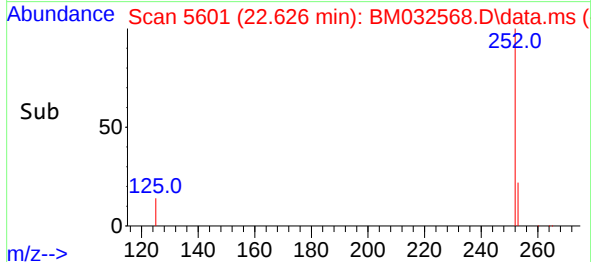
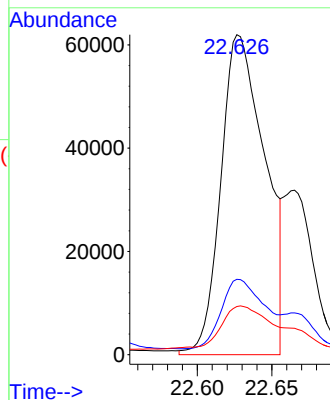
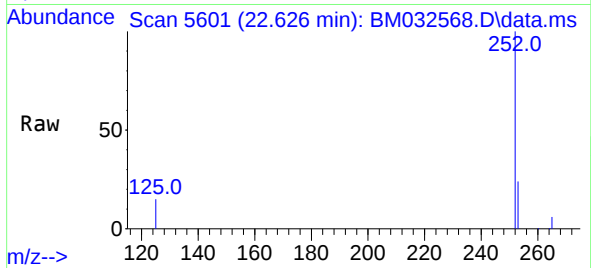
#24
Benzo(b)fluoranthene
Concen: 3.46 ng/ul m
RT: 22.626 min Scan# 5601
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt	Ion:252	Resp:	127777
Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	53.8
125	15.0	0.0	35.6

Instrument :
BNA_M
ClientSampled :
C00S9

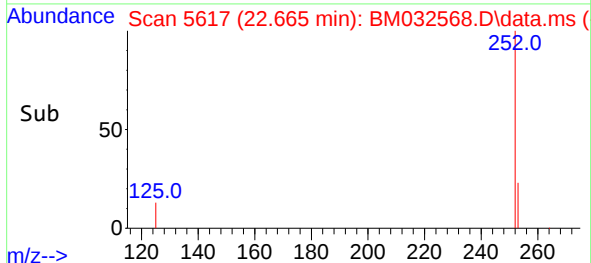
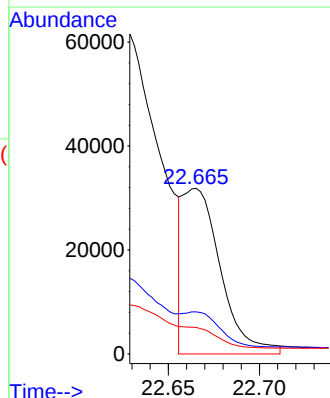
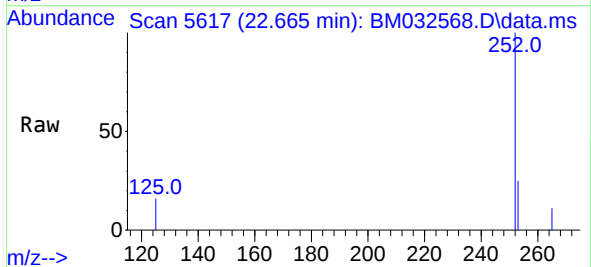
Manual Integrations
APPROVED

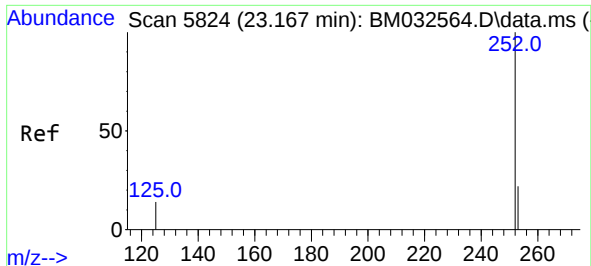
mohammad
10/19/2021 12:10:27 PM



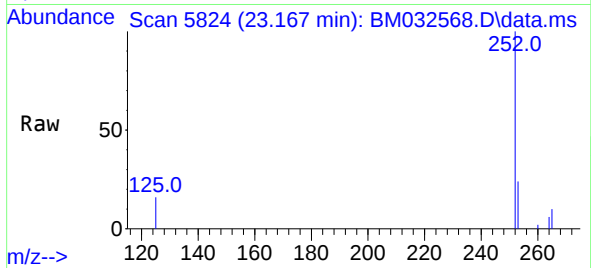
#25
Benzo(k)fluoranthene
Concen: 1.25 ng/ul m
RT: 22.665 min Scan# 5617
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53

Tgt Ion:252	Resp:	46072	
Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.8	32.6
125	16.1	14.4	21.6

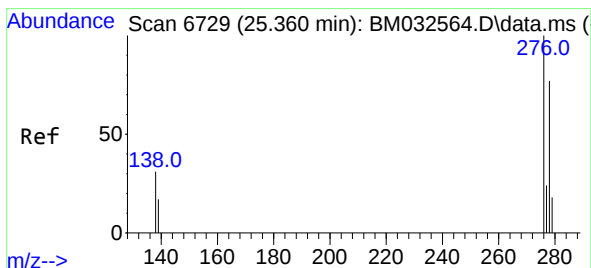
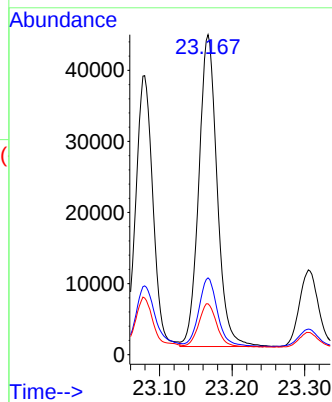
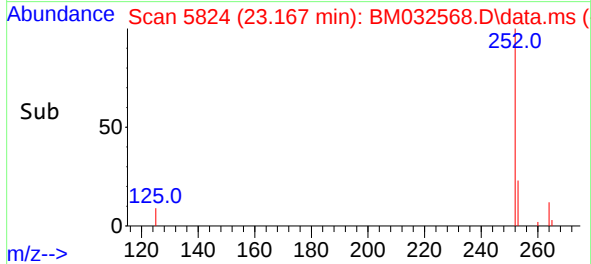




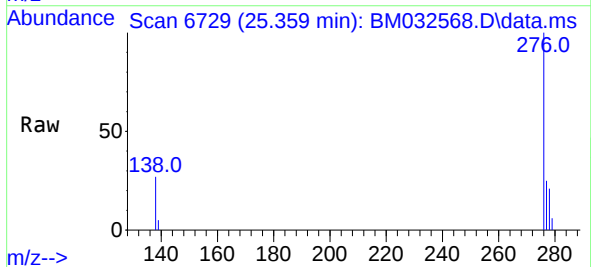
#26
Benzo(a)pyrene
Concen: 2.48 ng/u1
RT: 23.167 min Scan# 5824
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



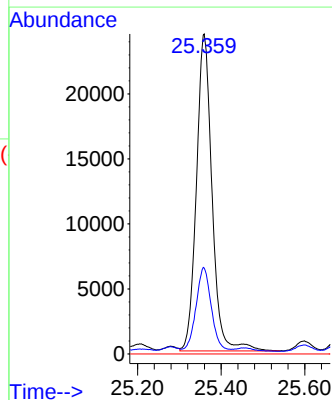
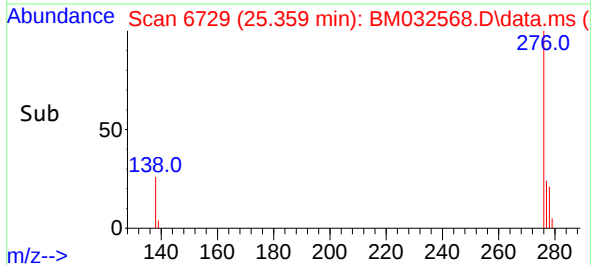
Tgt Ion:252 Resp: 76795
Ion Ratio Lower Upper
252 100
253 24.0 23.6 35.4
125 15.9 17.1 25.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.68 ng/u1
RT: 25.359 min Scan# 6729
Delta R.T. -0.000 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



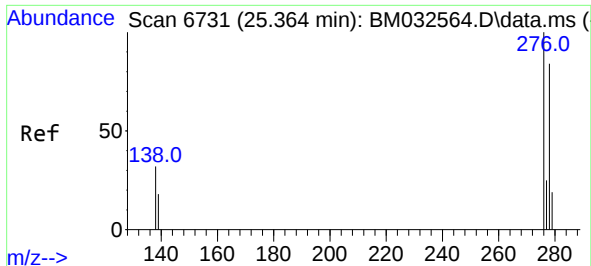
Tgt Ion:276 Resp: 63322
Ion Ratio Lower Upper
276 100
138 25.7 24.9 37.3
227 0.0 0.0 0.0



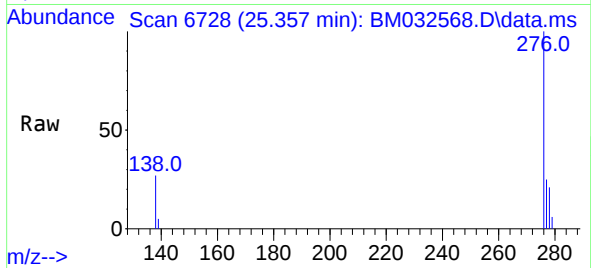
Instrument :
BNA_M
ClientSampled :
C00S9

Manual Integrations
APPROVED

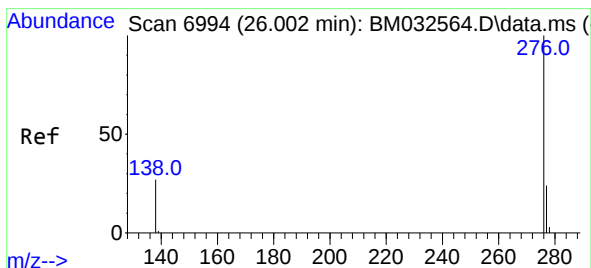
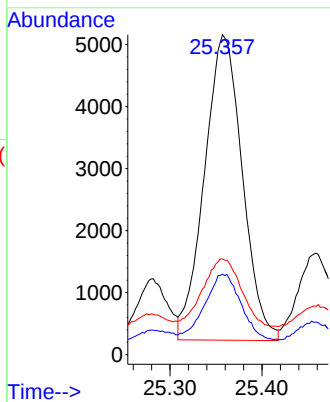
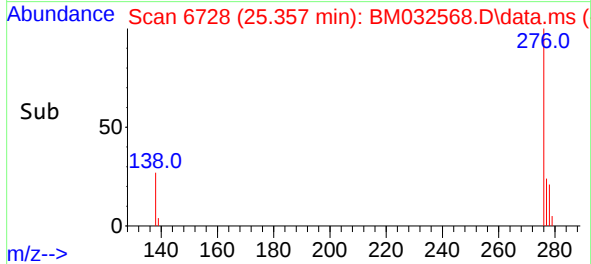
mohammad
10/19/2021 12:10:27 PM



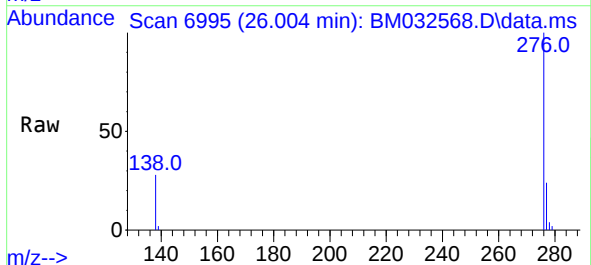
#28
Dibenzo(a,h)anthracene
Concen: 0.47 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.007 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



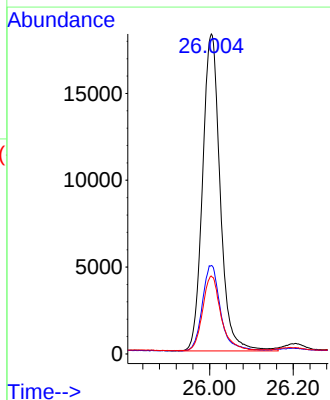
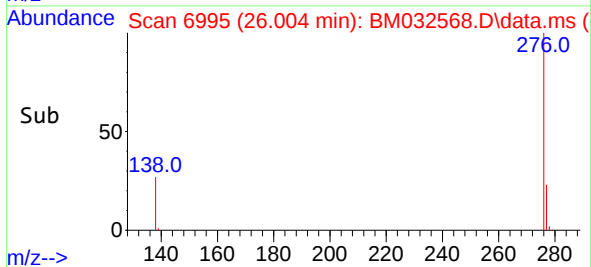
Tgt Ion: 278 Resp: 14116
Ion Ratio Lower Upper
278 100
139 25.2 18.6 28.0
279 29.9 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 1.62 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. 0.002 min
Lab File: BM032568.D
Acq: 18 Oct 2021 11:53



Tgt Ion: 276 Resp: 53472
Ion Ratio Lower Upper
276 100
138 27.6 22.6 33.8
277 24.4 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C00S9

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:27 PM