

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
 Data File : BM032570.D
 Acq On : 18 Oct 2021 13:06
 Operator : CG/JU
 Sample : M4181-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ2

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:10:32 PM

Quant Time: Oct 18 13:56:14 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	5138	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	14888	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.209	164	7362	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	13077	0.40	ng/ul	0.00
17) Chrysene-d12	21.125	240	10449	0.40	ng/ul	# 0.00
23) Perylene-d12	23.264	264	13216	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	21107	3.67	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	4635	0.23	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	7729	0.23	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	227693	5.04	ng/ul	98
7) 2-Methylnaphthalene	12.008	142	175818	5.95	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	132403	4.54	ng/ul	100
10) Acenaphthylene	13.928	152	120214	3.82	ng/ul	98
11) Acenaphthene	14.270	153	5252	0.18	ng/ul#	93
12) Fluorene	15.256	166	8905	0.28	ng/ul#	64
14) Pentachlorophenol	16.616	266	429	0.13	ng/ul	96
15) Phenanthrene	16.984	178	164900	3.75	ng/ul	99
16) Anthracene	17.074	178	142202	3.68	ng/ul	99
19) Fluoranthene	19.000	202	372672	7.21	ng/ul	99
20) Pyrene	19.366	202	243650	4.58	ng/ul	98
21) Benzo(a)anthracene	21.111	228	266858	6.53	ng/ul	95
22) Chrysene	21.162	228	387814	8.63	ng/ul	98
24) Benzo(b)fluoranthene	22.631	252	887185m	14.53	ng/ul	
25) Benzo(k)fluoranthene	22.668	252	320117m	5.27	ng/ul	
26) Benzo(a)pyrene	23.169	252	119065m	2.33	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.364	276	207057	3.31	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.364	278	115048	2.33	ng/ul	99
29) Benzo(g,h,i)perylene	26.006	276	8650	0.16	ng/ul#	76

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

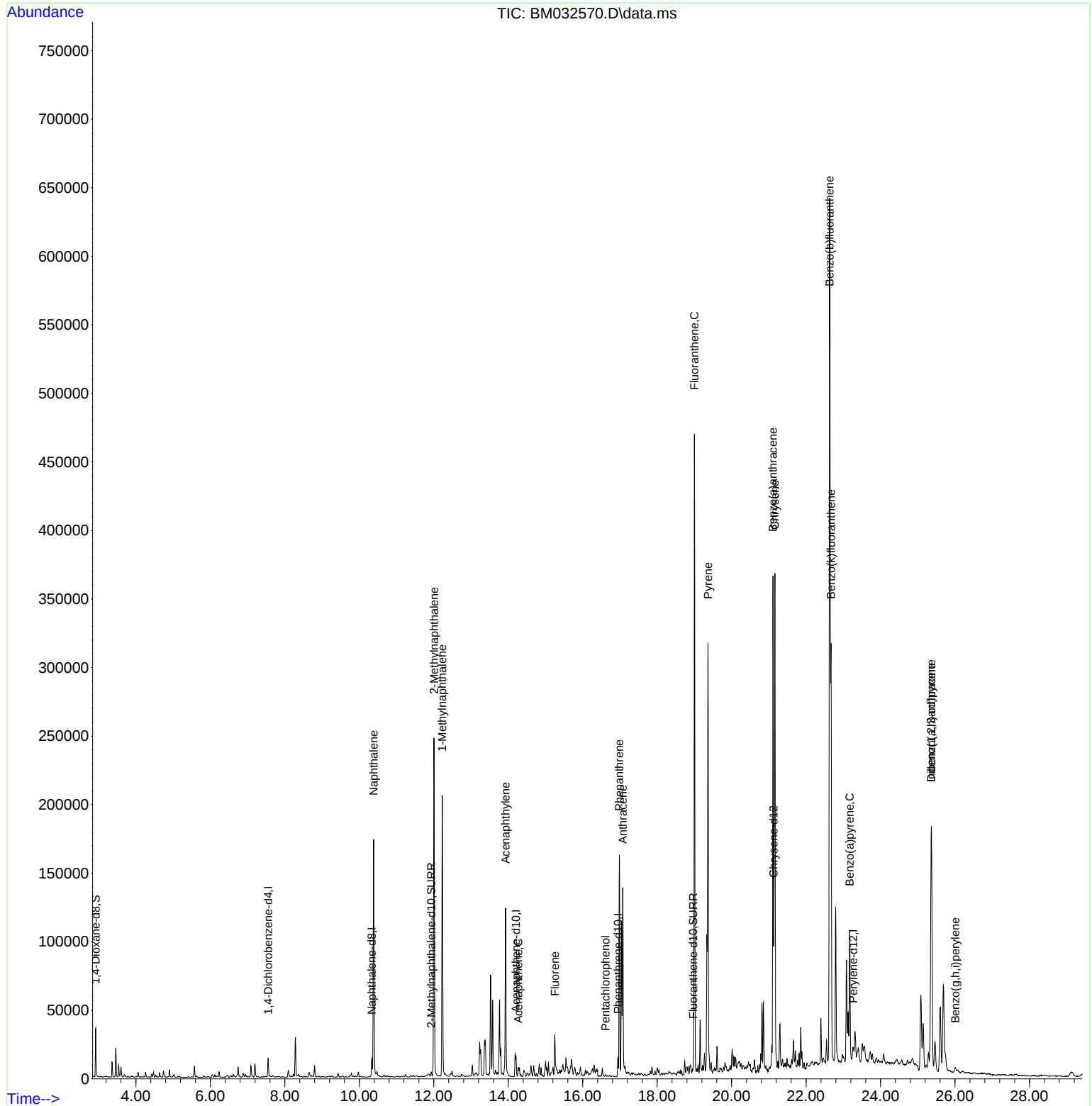
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101821\
Data File : BM032570.D
Acq On : 18 Oct 2021 13:06
Operator : CG/JU
Sample : M4181-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

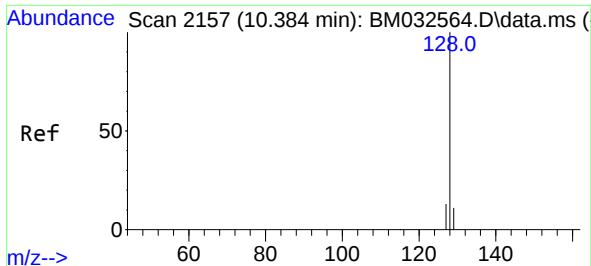
Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:32 PM

Quant Time: Oct 18 13:56:14 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





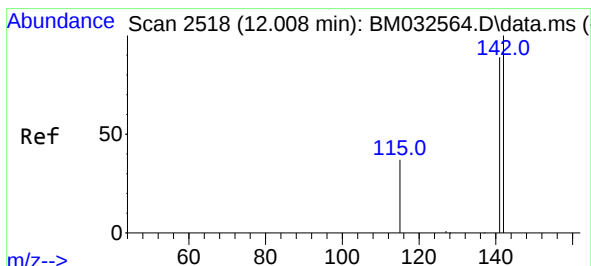
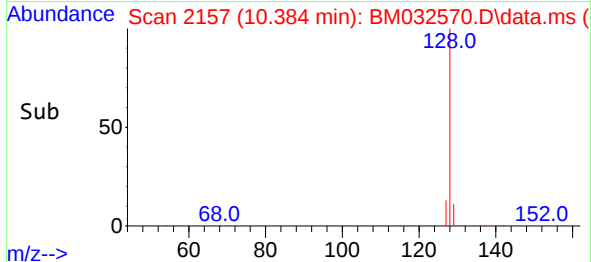
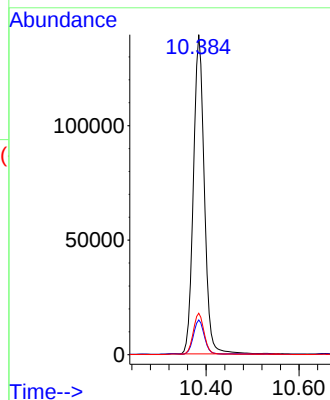
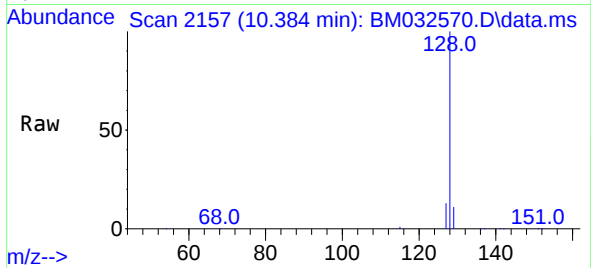
#5
Naphthalene
Concen: 5.04 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:128 Resp: 227693
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.0 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0AZ2

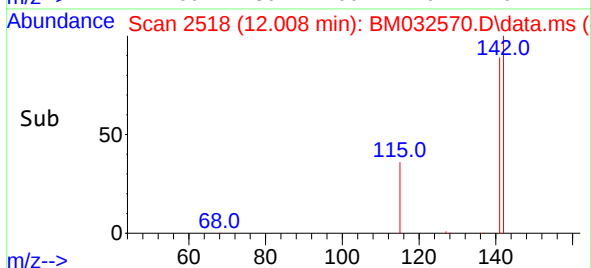
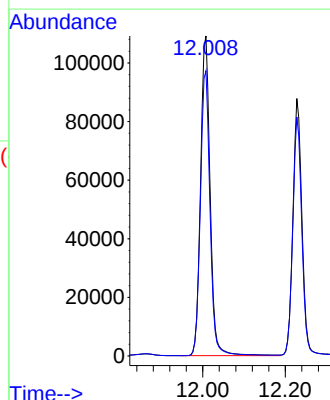
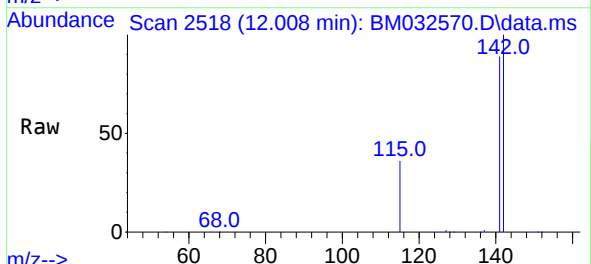
Manual Integrations
APPROVED

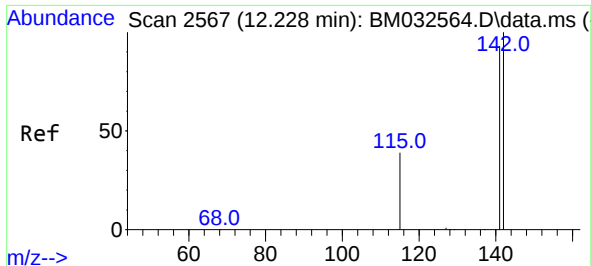
mohammad
10/19/2021 12:10:32 PM



#7
2-Methylnaphthalene
Concen: 5.95 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:142 Resp: 175818
Ion Ratio Lower Upper
142 100
141 89.4 72.2 108.2





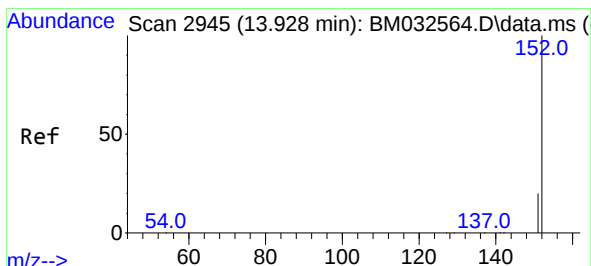
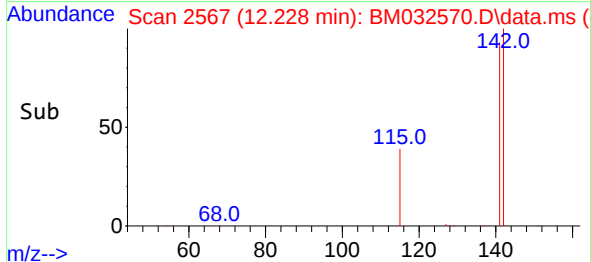
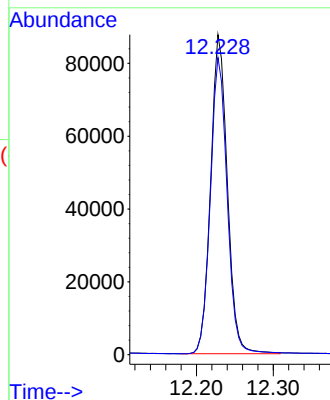
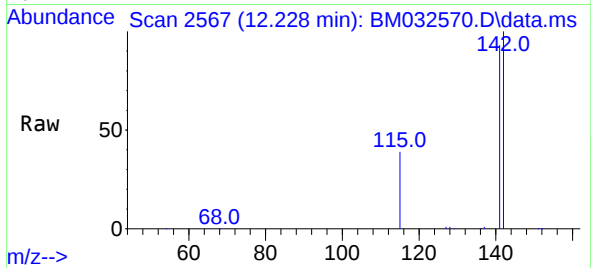
#8
1-Methylnaphthalene
Concen: 4.54 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:142 Resp: 132403
Ion Ratio Lower Upper
142 100
141 93.2 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C0AZ2

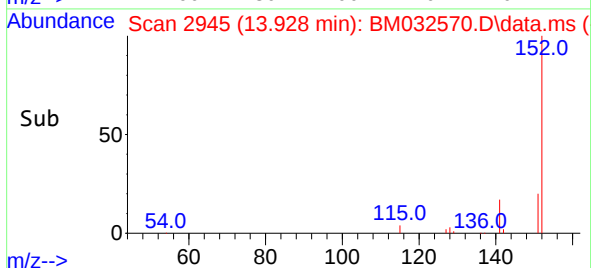
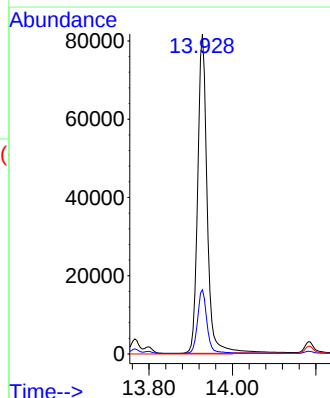
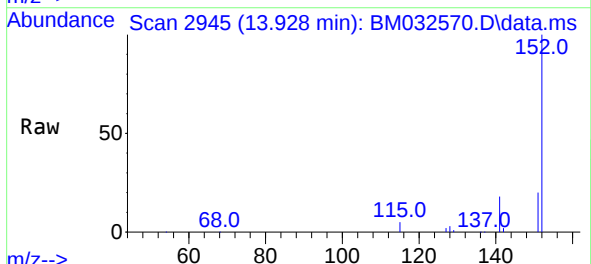
Manual Integrations
APPROVED

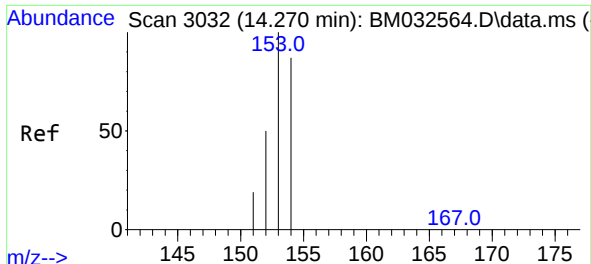
mohammad
10/19/2021 12:10:32 PM



#10
Acenaphthylene
Concen: 3.82 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:152 Resp: 120214
Ion Ratio Lower Upper
152 100
151 20.0 16.7 25.1
153 0.0 0.0 0.0





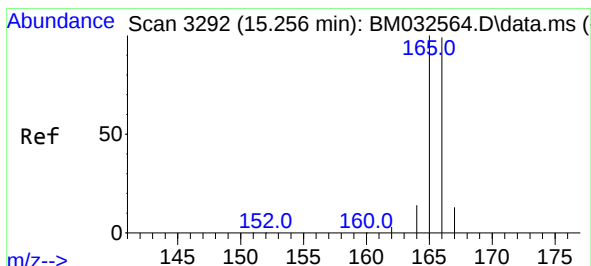
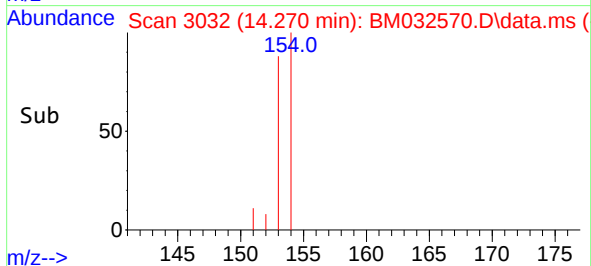
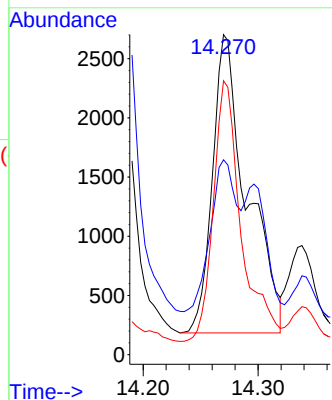
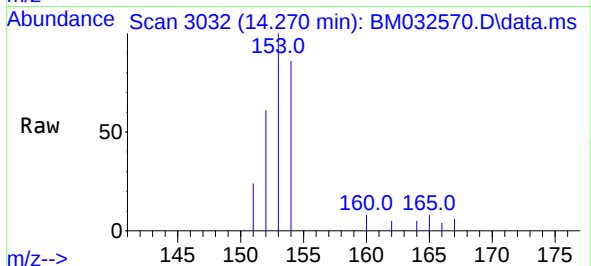
#11
Acenaphthene
Concen: 0.18 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:153 Resp: 5252
Ion Ratio Lower Upper
153 100
152 60.9 40.4 60.6#
154 85.6 70.8 106.2

Instrument :
BNA_M
ClientSampled :
C0AZ2

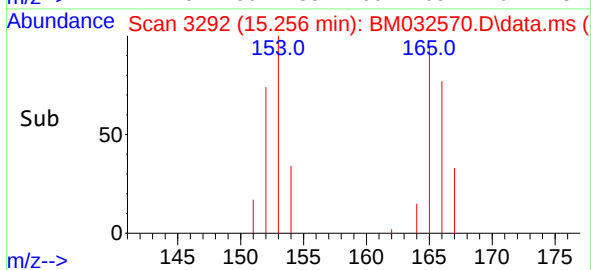
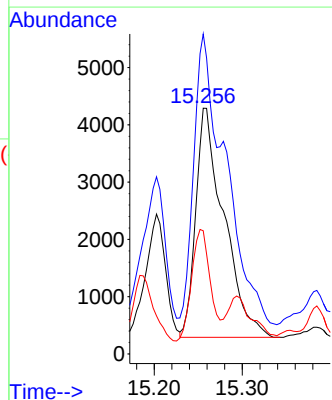
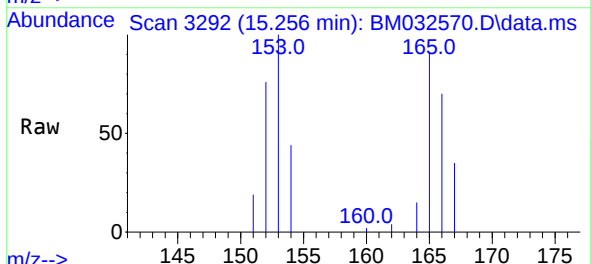
Manual Integrations
APPROVED

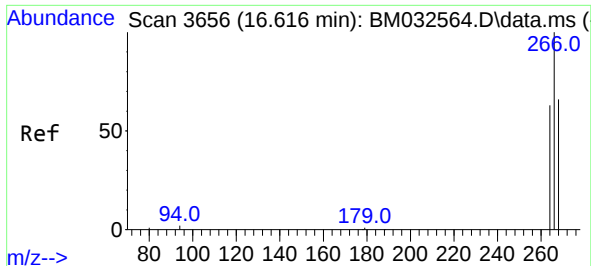
mohammad
10/19/2021 12:10:32 PM



#12
Fluorene
Concen: 0.28 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

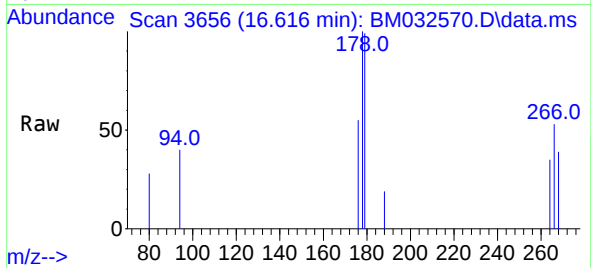
Tgt Ion:166 Resp: 8905
Ion Ratio Lower Upper
166 100
165 130.2 80.7 121.1#
167 50.1 11.2 16.8#





#14
Pentachlorophenol
Concen: 0.13 ng/ul
RT: 16.616 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

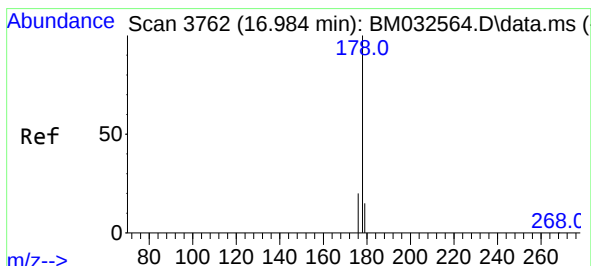
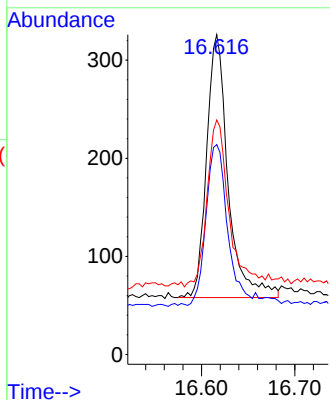
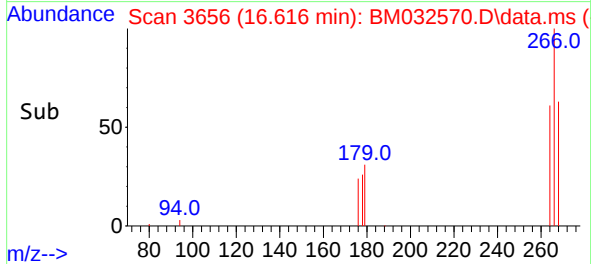
Instrument :
BNA_M
ClientSampleId :
C0AZ2



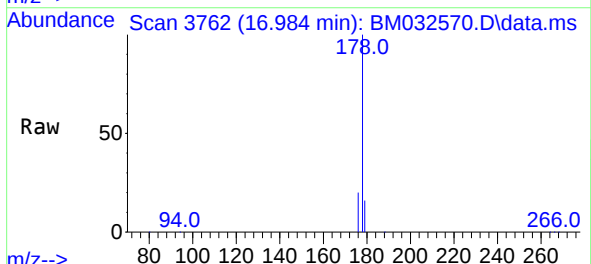
Tgt Ion:266 Resp: 429
Ion Ratio Lower Upper
266 100
264 64.3 50.8 76.2
268 67.6 50.2 75.2

Manual Integrations
APPROVED

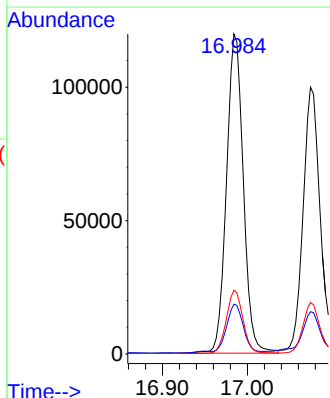
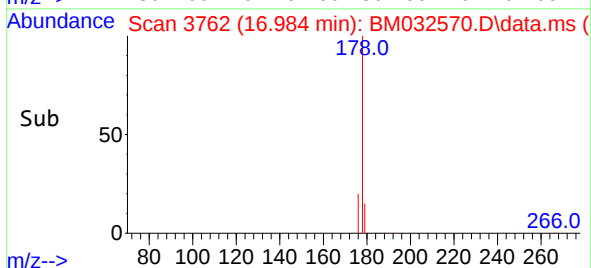
mohammad
10/19/2021 12:10:32 PM

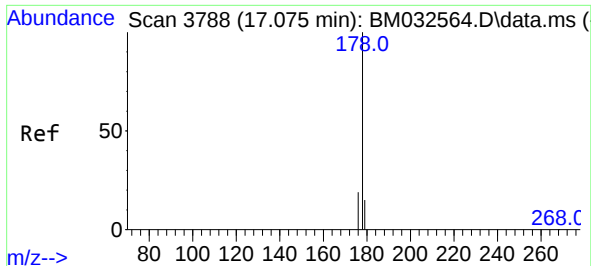


#15
Phenanthrene
Concen: 3.75 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06



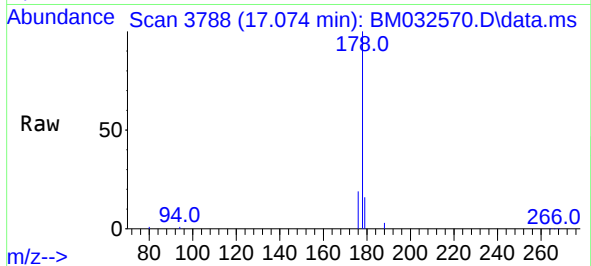
Tgt Ion:178 Resp: 164900
Ion Ratio Lower Upper
178 100
179 15.5 12.9 19.3
176 19.9 16.1 24.1





#16
 Anthracene
 Concen: 3.68 ng/ul
 RT: 17.074 min Scan# 3788
 Delta R.T. -0.000 min
 Lab File: BM032570.D
 Acq: 18 Oct 2021 13:06

Instrument :
 BNA_M
 ClientSampleId :
 C0AZ2

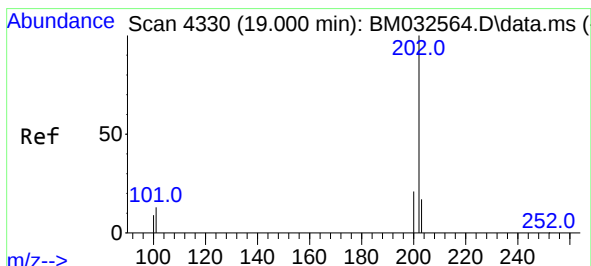
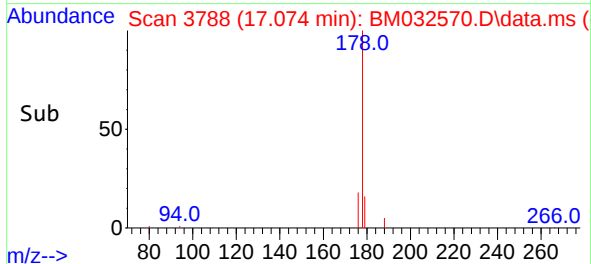
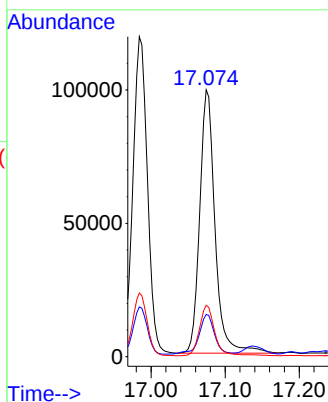


Tgt Ion:178 Resp: 142202

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.3	15.8	23.6

Manual Integrations
 APPROVED

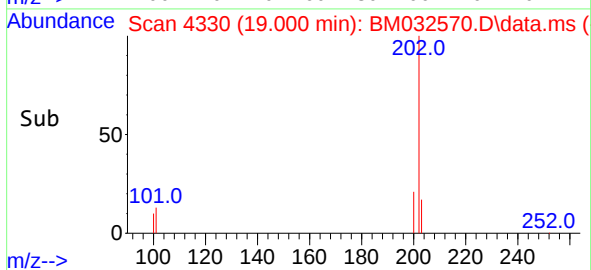
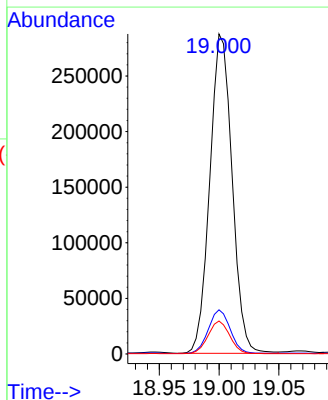
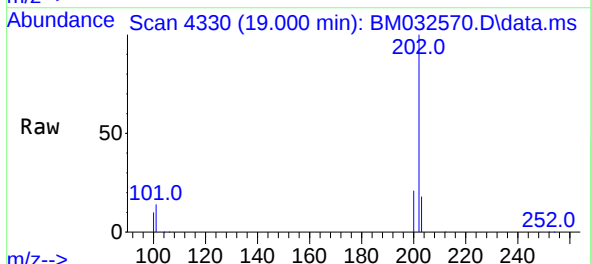
mohammad
 10/19/2021 12:10:32 PM

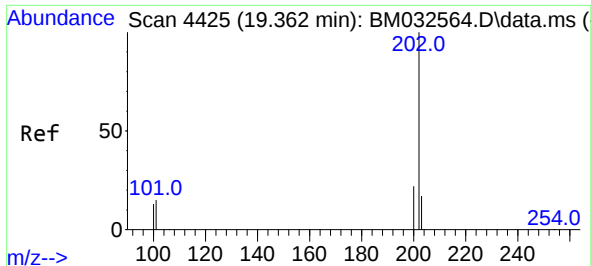


#19
 Fluoranthene
 Concen: 7.21 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. -0.000 min
 Lab File: BM032570.D
 Acq: 18 Oct 2021 13:06

Tgt Ion:202 Resp: 372672

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.6	16.0
100	10.3	7.8	11.8





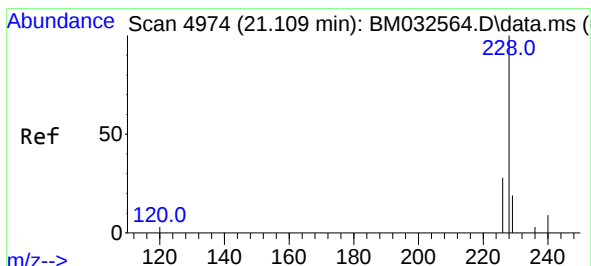
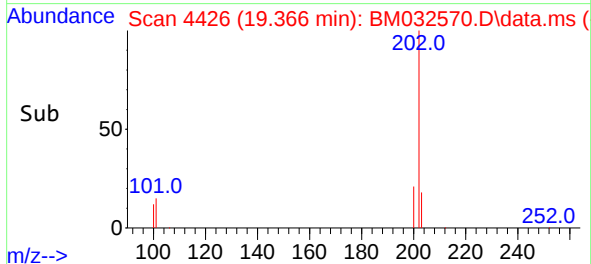
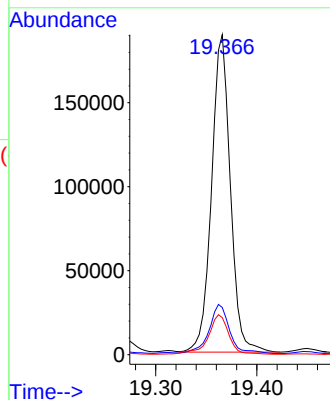
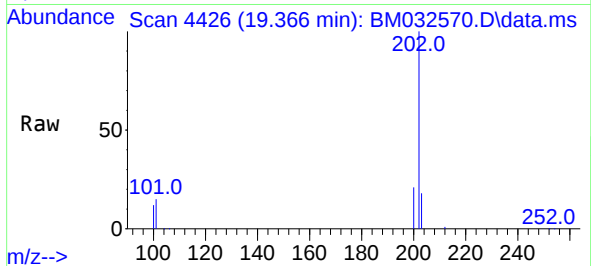
#20
Pyrene
Concen: 4.58 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. 0.004 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:	202	Resp:	243650
Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.3	18.5
100	11.6	10.1	15.1

Instrument :
BNA_M
ClientSampleId :
C0AZ2

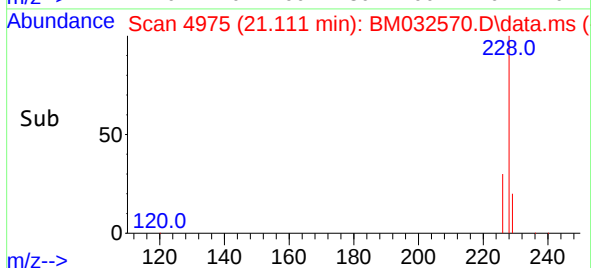
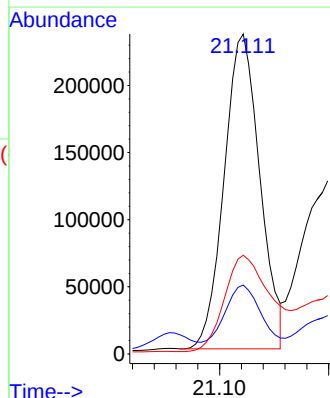
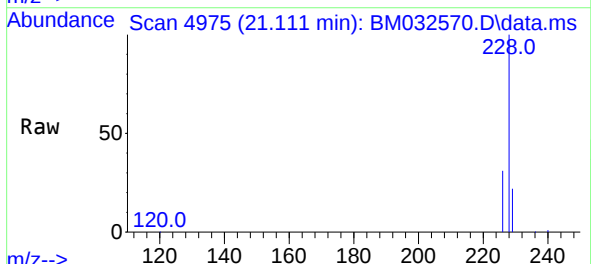
Manual Integrations
APPROVED

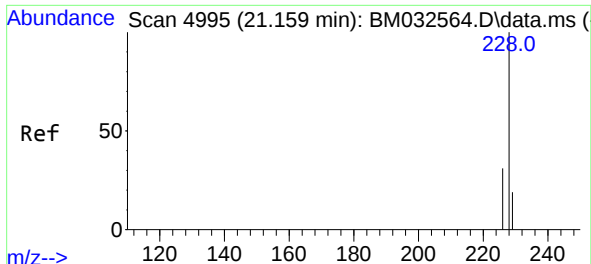
mohammad
10/19/2021 12:10:32 PM



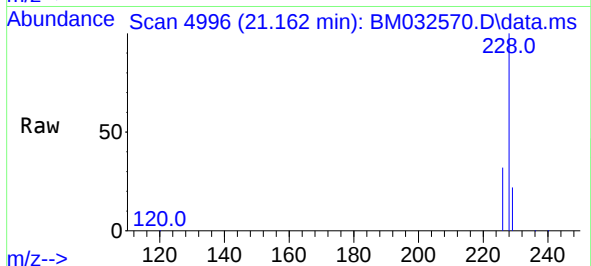
#21
Benzo(a)anthracene
Concen: 6.53 ng/ul
RT: 21.111 min Scan# 4975
Delta R.T. 0.002 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:	228	Resp:	266858
Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	30.9	22.4	33.6

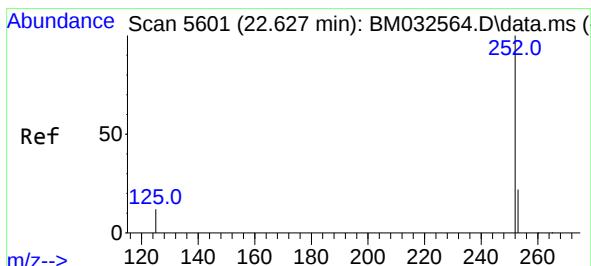
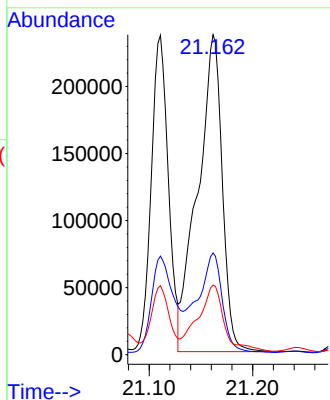
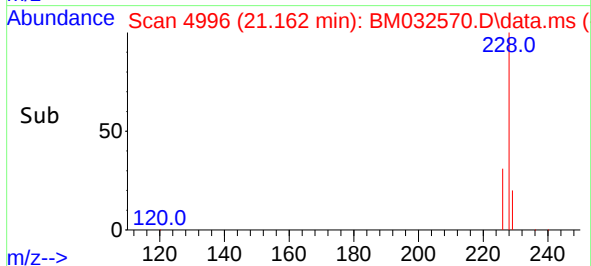




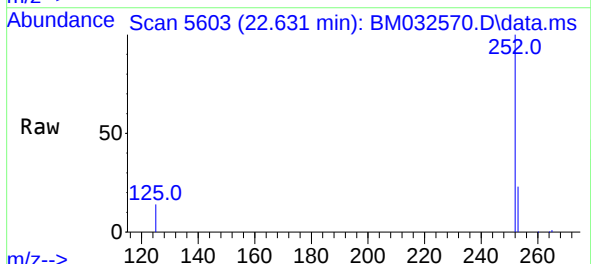
#22
Chrysene
Concen: 8.63 ng/u1
RT: 21.162 min Scan# 4996
Delta R.T. 0.002 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06



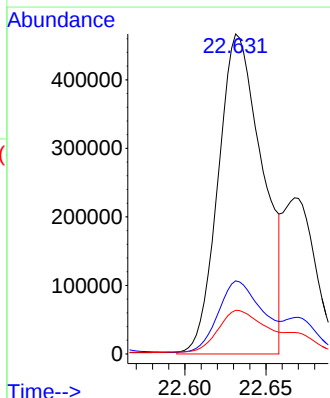
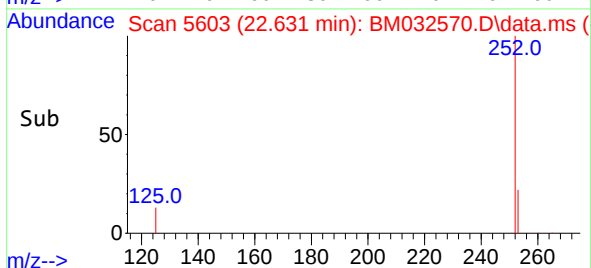
Tgt Ion:228 Resp: 387814
Ion Ratio Lower Upper
228 100
226 31.8 25.1 37.7
229 21.7 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 14.53 ng/u1 m
RT: 22.631 min Scan# 5603
Delta R.T. 0.005 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06



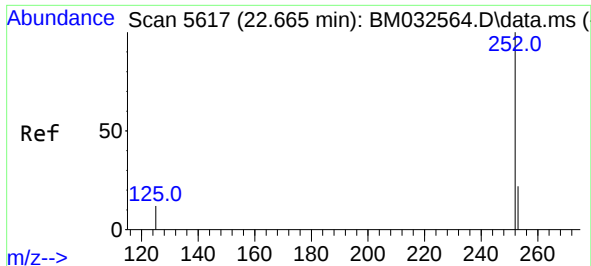
Tgt Ion:252 Resp: 887185
Ion Ratio Lower Upper
252 100
253 22.8 0.0 53.8
125 13.7 0.0 35.6



Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:32 PM



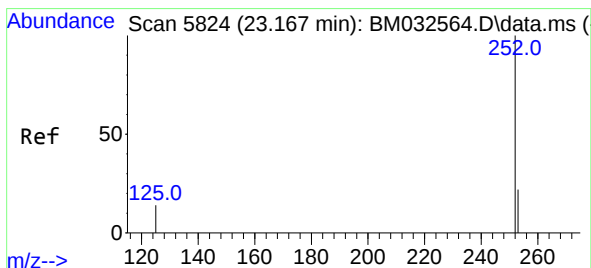
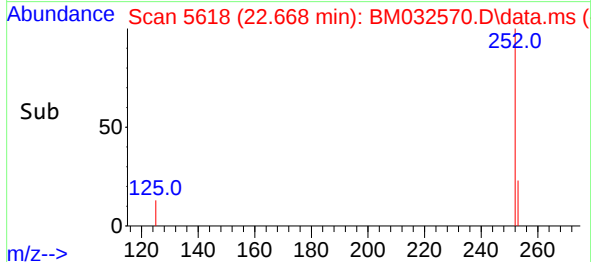
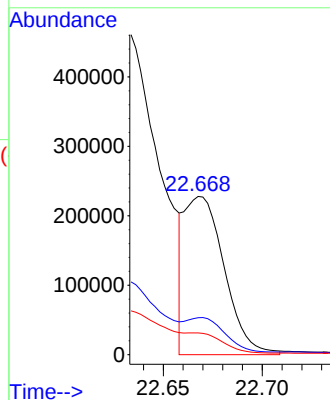
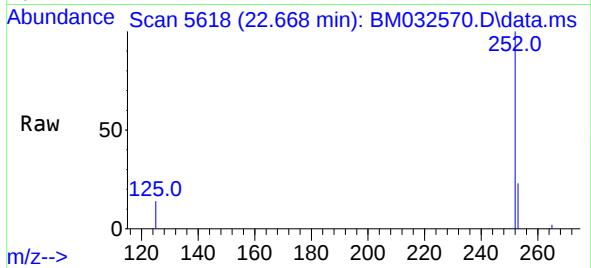
#25
Benzo(k)fluoranthene
Concen: 5.27 ng/ul m
RT: 22.668 min Scan# 5618
Delta R.T. 0.002 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:252 Resp: 320117
Ion Ratio Lower Upper
252 100
253 23.4 21.8 32.6
125 13.8 14.4 21.6#

Instrument :
BNA_M
ClientSampleId :
C0AZ2

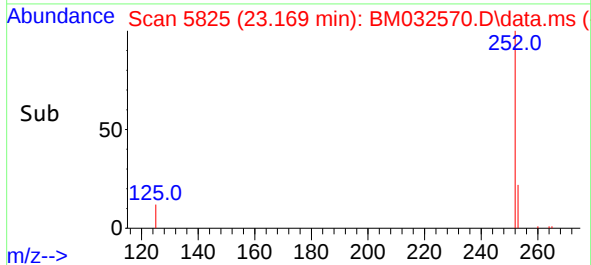
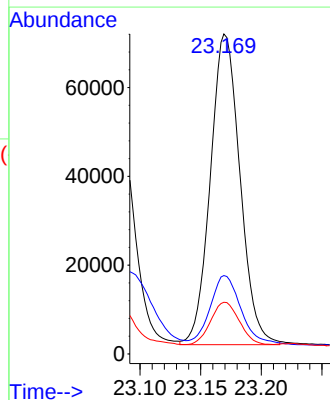
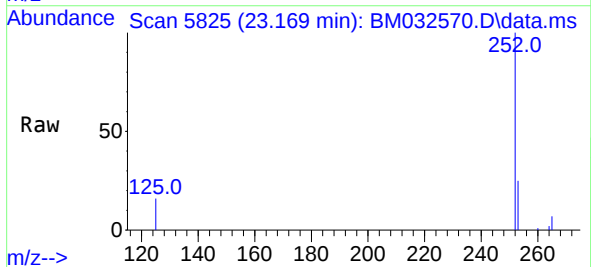
Manual Integrations
APPROVED

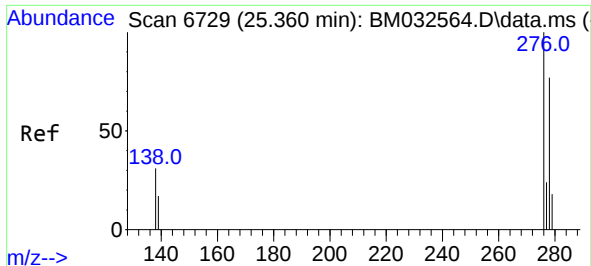
mohammad
10/19/2021 12:10:32 PM



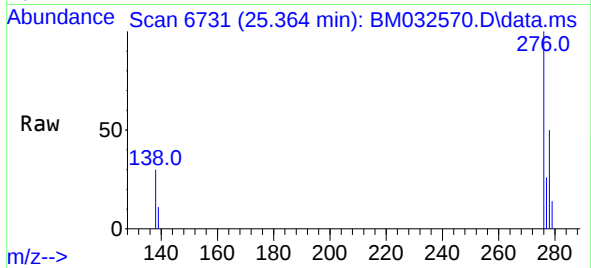
#26
Benzo(a)pyrene
Concen: 2.33 ng/ul m
RT: 23.169 min Scan# 5825
Delta R.T. 0.002 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion:252 Resp: 119065
Ion Ratio Lower Upper
252 100
253 24.5 23.6 35.4
125 16.2 17.1 25.7#

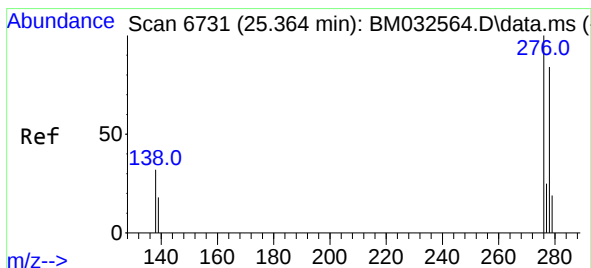
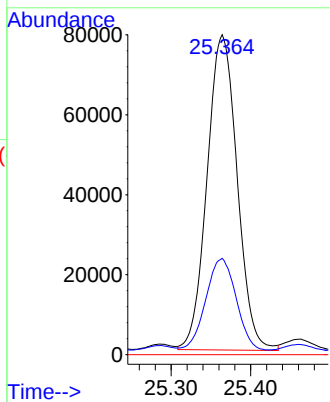
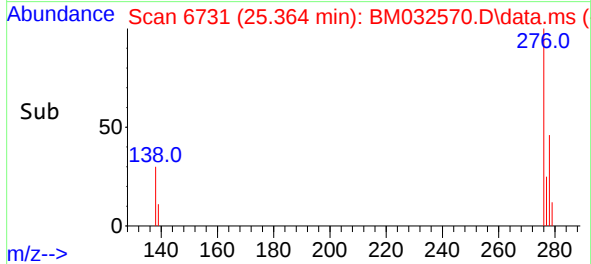




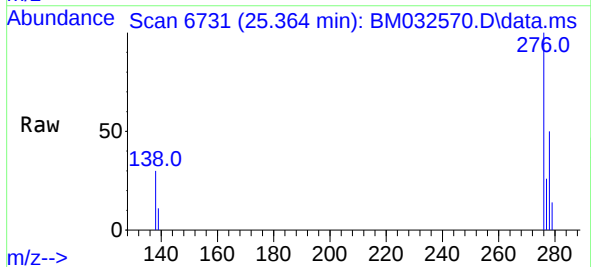
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.31 ng/ul
RT: 25.364 min Scan# 6731
Delta R.T. 0.005 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06



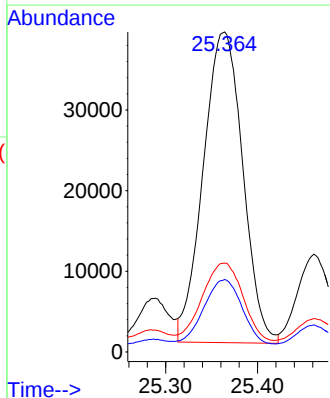
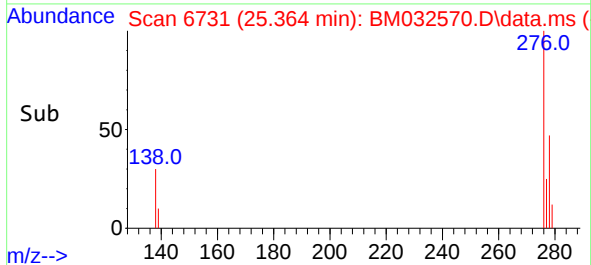
Tgt Ion:276 Resp: 207057
Ion Ratio Lower Upper
276 100
138 29.7 24.9 37.3
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 2.33 ng/ul
RT: 25.364 min Scan# 6731
Delta R.T. -0.000 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06



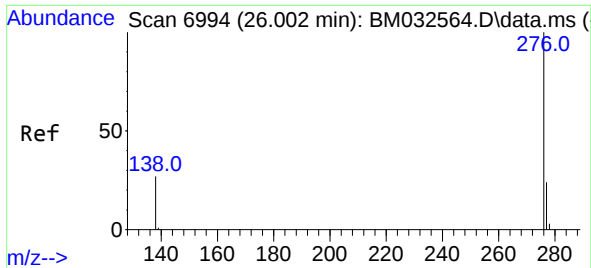
Tgt Ion:278 Resp: 115048
Ion Ratio Lower Upper
278 100
139 22.7 18.6 28.0
279 27.7 22.0 33.0



Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:32 PM



#29
Benzo(g,h,i)perylene
Concen: 0.16 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. 0.005 min
Lab File: BM032570.D
Acq: 18 Oct 2021 13:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	41.1	22.6	33.8#
277	37.0	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0AZ2

Manual Integrations
APPROVED

mohammad
10/19/2021 12:10:32 PM

