

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032554.D
 Acq On : 16 Oct 2021 08:59
 Operator : CG/JU
 Sample : M4029-19
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00T0

Manual Integrations
 APPROVED

mohammad
 10/19/2021 12:07:47 PM

Quant Time: Oct 18 05:28:20 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	8094	0.40	ng/ul	0.00
4) Naphthalene-d8	10.338	136	24916	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.212	164	12449	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	21876	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.125	240	13266	0.40	ng/ul	-0.01
23) Perylene-d12	23.258	264	12379	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	20541	2.26	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.935	152	4827	0.15	ng/ul	0.00
18) Fluoranthene-d10	18.972	212	7564	0.18	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.388	128	18633	0.25	ng/ul	99
7) 2-Methylnaphthalene	12.007	142	11285	0.23	ng/ul	100
8) 1-Methylnaphthalene	12.232	142	6965	0.14	ng/ul	98
10) Acenaphthylene	13.927	152	14143	0.27	ng/ul	99
11) Acenaphthene	14.273	153	3094	0.06	ng/ul	97
12) Fluorene	15.259	166	7234	0.13	ng/ul#	97
15) Phenanthrene	16.987	178	159894	2.17	ng/ul	99
16) Anthracene	17.077	178	21404	0.33	ng/ul	99
19) Fluoranthene	19.003	202	370363	5.64	ng/ul	99
20) Pyrene	19.365	202	299591	4.44	ng/ul	99
21) Benzo(a)anthracene	21.108	228	114698	2.21	ng/ul	99
22) Chrysene	21.161	228	151248	2.65	ng/ul	98
24) Benzo(b)fluoranthene	22.628	252	200227m	3.50	ng/ul	
25) Benzo(k)fluoranthene	22.662	252	68650m	1.21	ng/ul	
26) Benzo(a)pyrene	23.166	252	123580m	2.58	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.359	276	103889	1.77	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.359	278	22945	0.50	ng/ul	97
29) Benzo(g,h,i)perylene	26.005	276	94331	1.85	ng/ul	98

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

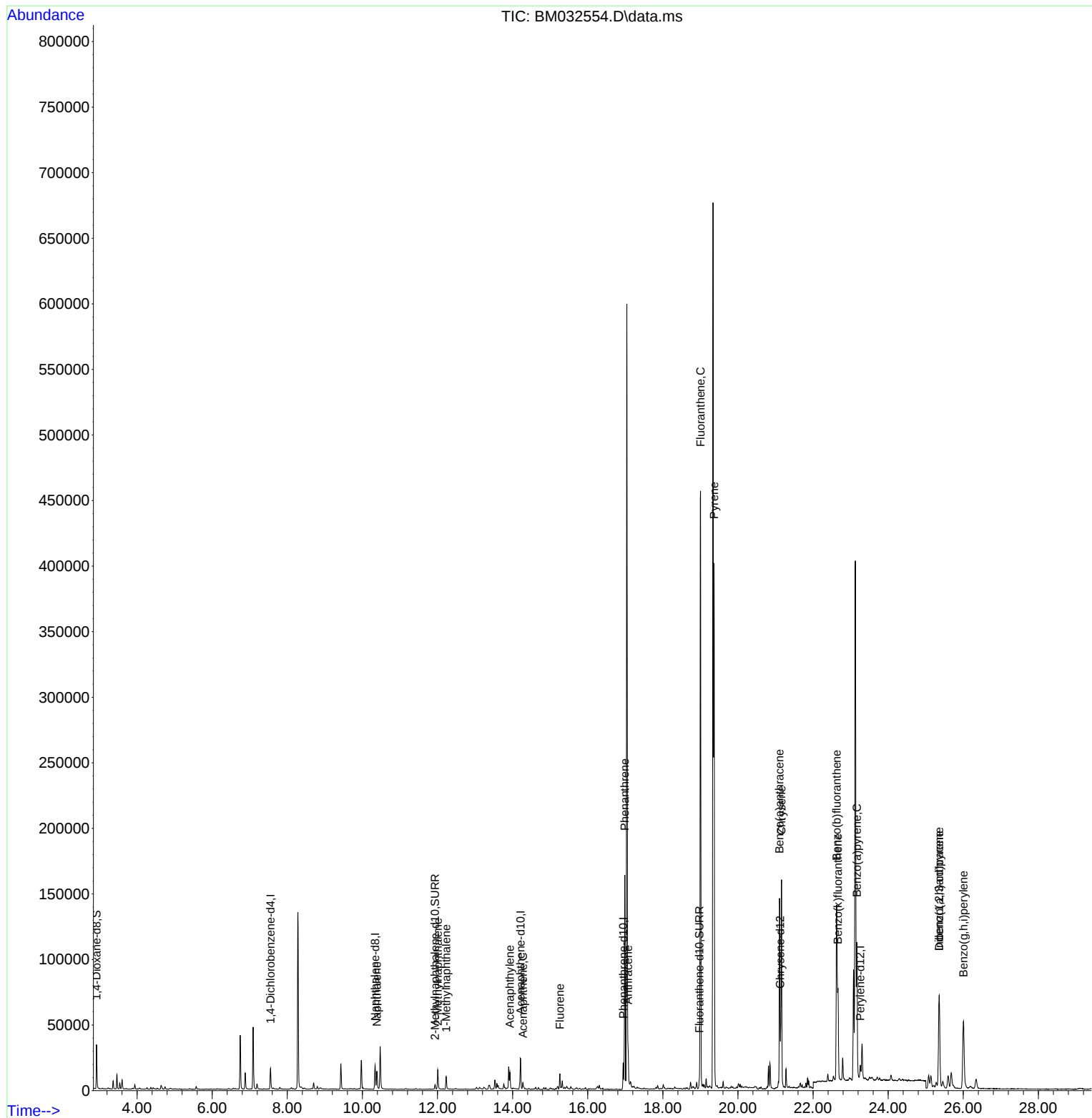
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032554.D
Acq On : 16 Oct 2021 08:59
Operator : CG/JU
Sample : M4029-19
Misc :
ALS Vial : 39 Sample Multiplier: 1

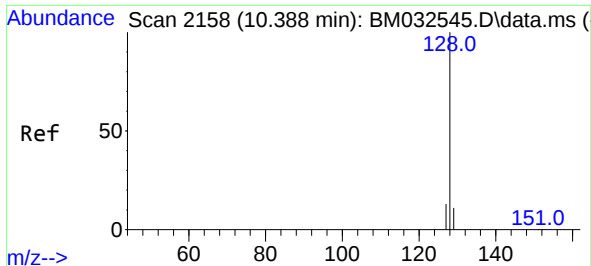
Instrument :
BNA_M
ClientSampleId :
C00T0

Manual Integrations
APPROVED

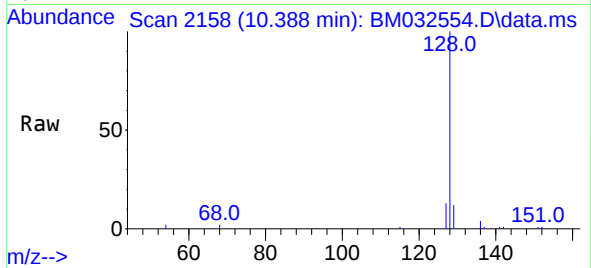
mohammad
10/19/2021 12:07:47 PM

Quant Time: Oct 18 05:28:20 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

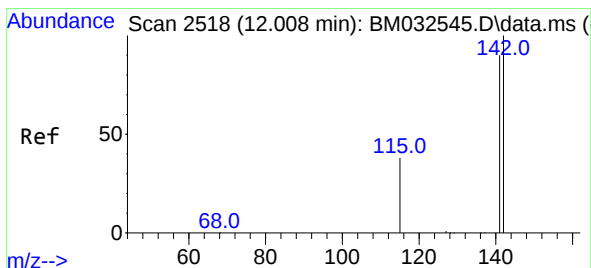
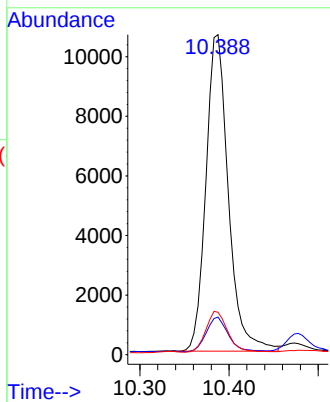
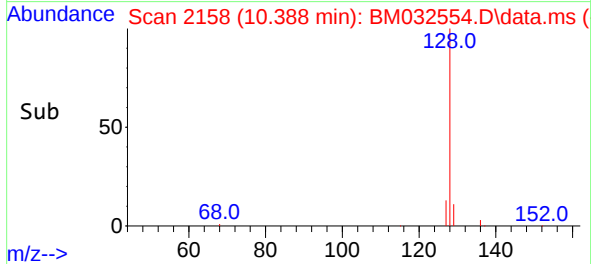




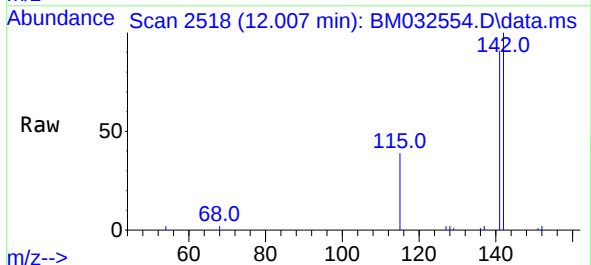
#5
Naphthalene
Concen: 0.25 ng/ul
RT: 10.388 min Scan# 2158
Delta R.T. -0.005 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59



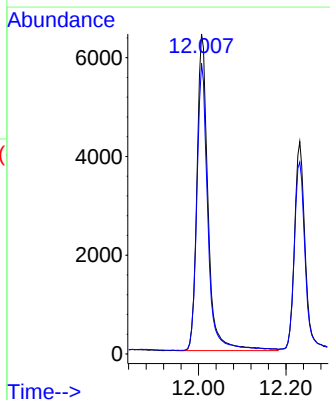
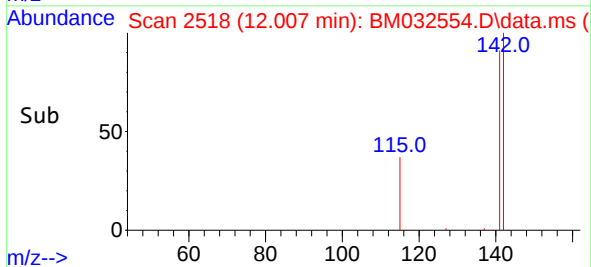
Tgt Ion:128 Resp: 18633
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.23 ng/ul
RT: 12.007 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59



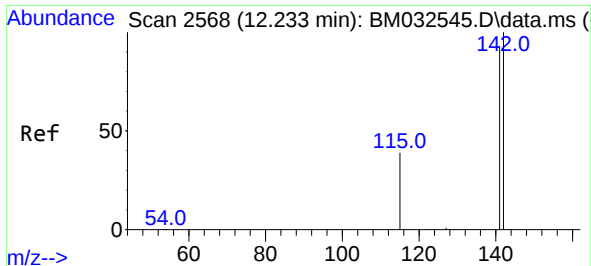
Tgt Ion:142 Resp: 11285
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2



Instrument :
BNA_M
ClientSampleId :
C00T0

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:47 PM



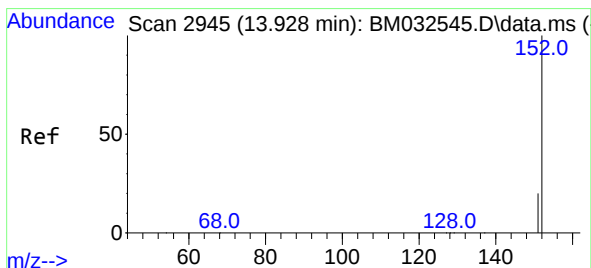
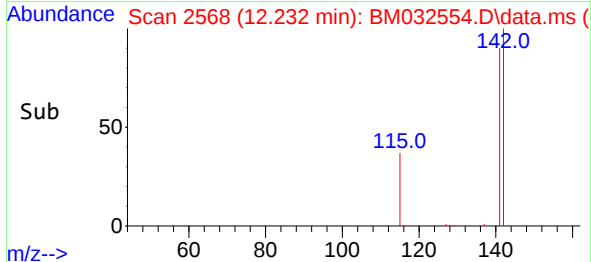
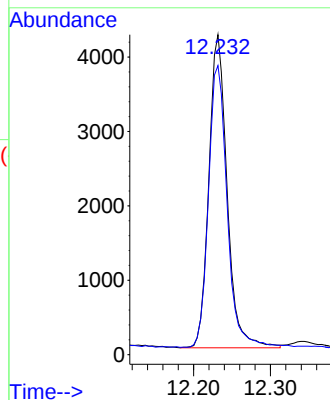
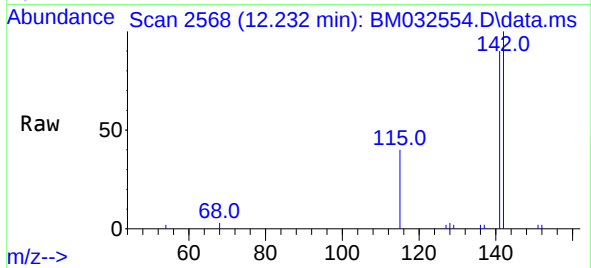
#8
1-Methylnaphthalene
Concen: 0.14 ng/ul
RT: 12.232 min Scan# 2568
Delta R.T. -0.005 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:142 Resp: 6965
Ion Ratio Lower Upper
142 100
141 91.7 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00T0

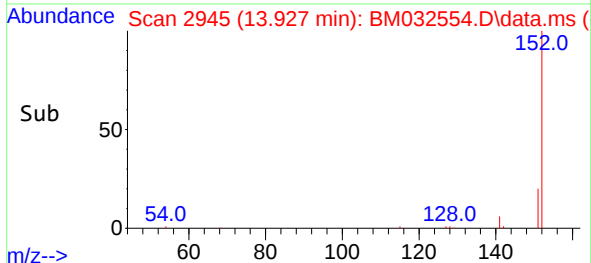
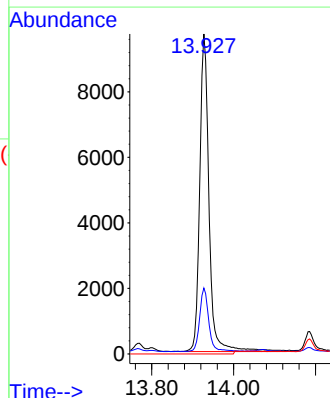
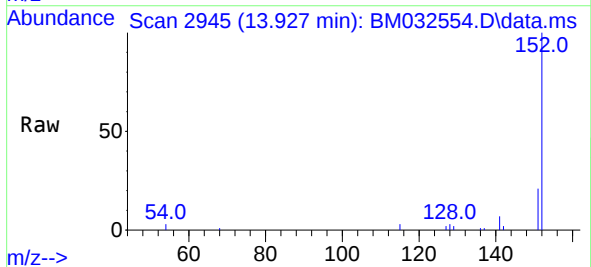
Manual Integrations
APPROVED

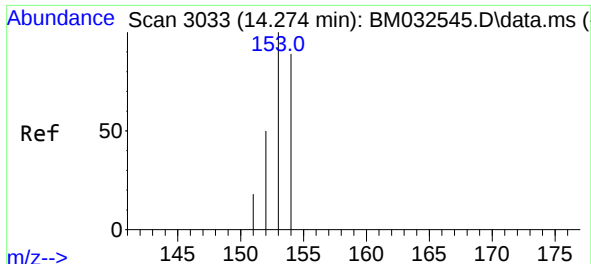
mohammad
10/19/2021 12:07:47 PM



#10
Acenaphthylene
Concen: 0.27 ng/ul
RT: 13.927 min Scan# 2945
Delta R.T. -0.005 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:152 Resp: 14143
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 0.0 0.0 0.0





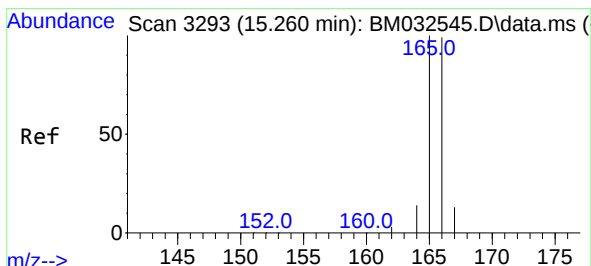
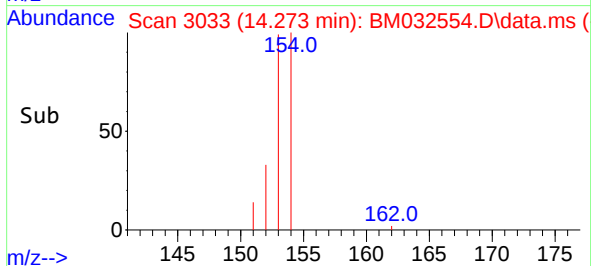
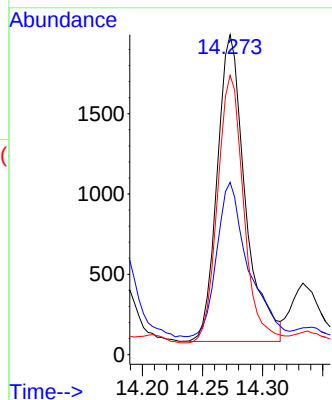
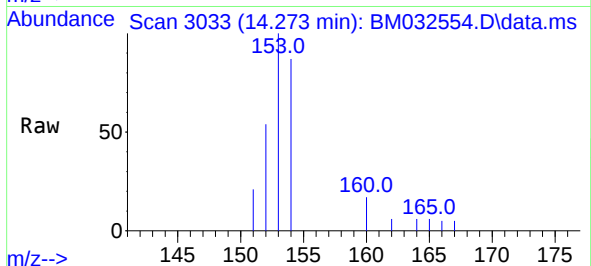
#11
Acenaphthene
Concen: 0.06 ng/u1
RT: 14.273 min Scan# 3033
Delta R.T. -0.005 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:153 Resp: 3094
Ion Ratio Lower Upper
153 100
152 53.9 40.4 60.6
154 87.3 70.8 106.2

Instrument :
BNA_M
ClientSampled :
C00T0

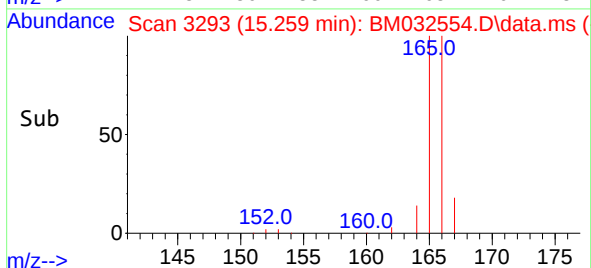
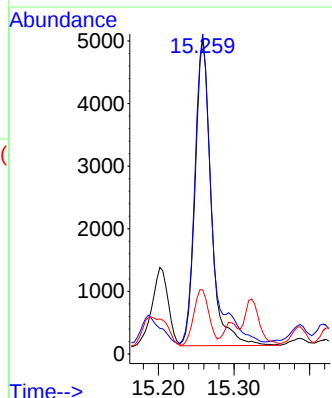
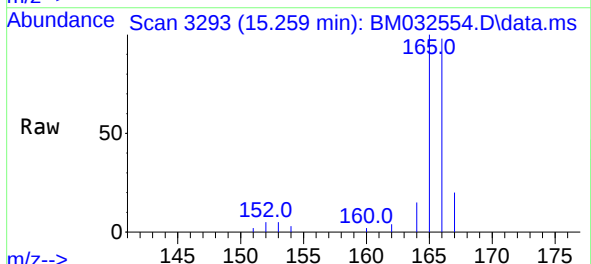
Manual Integrations
APPROVED

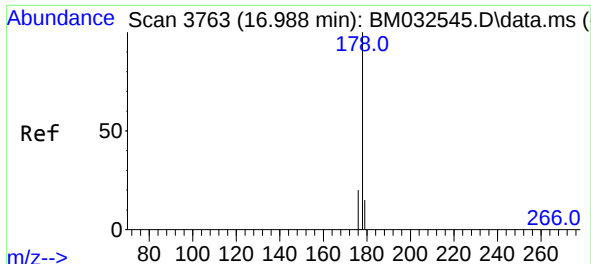
mohammad
10/19/2021 12:07:47 PM



#12
Fluorene
Concen: 0.13 ng/u1
RT: 15.259 min Scan# 3293
Delta R.T. -0.005 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

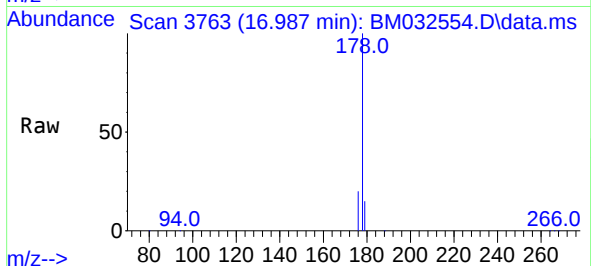
Tgt Ion:166 Resp: 7234
Ion Ratio Lower Upper
166 100
165 101.7 80.7 121.1
167 20.4 11.2 16.8#





#15
Phenanthrene
Concen: 2.17 ng/ul
RT: 16.987 min Scan# 3763
Delta R.T. -0.008 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

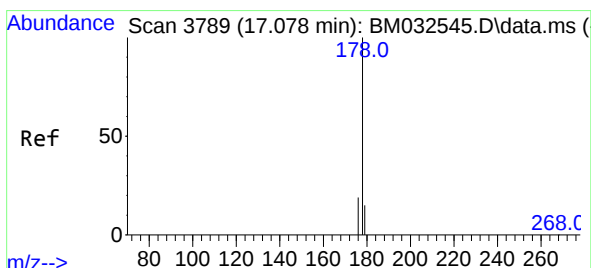
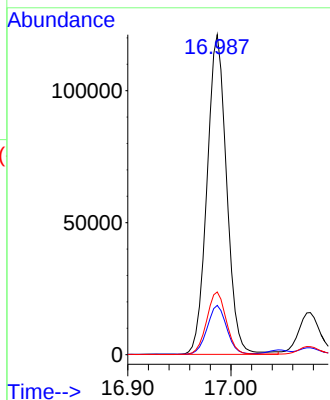
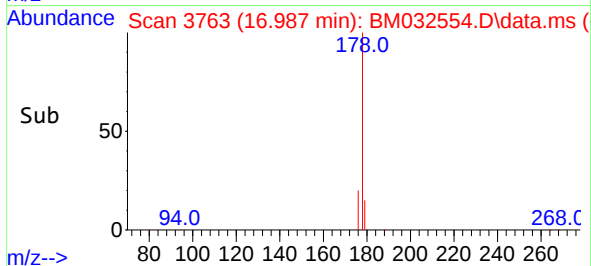
Instrument :
BNA_M
ClientSampleId :
C00T0



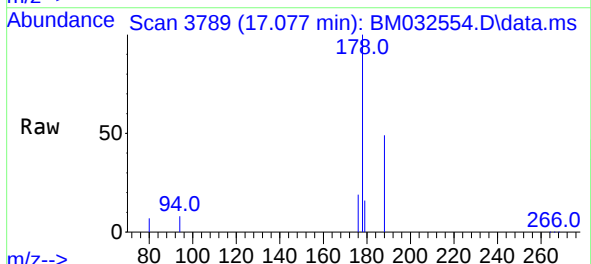
Tgt Ion:178 Resp: 159894
Ion Ratio Lower Upper
178 100
179 15.4 12.9 19.3
176 19.6 16.1 24.1

Manual Integrations
APPROVED

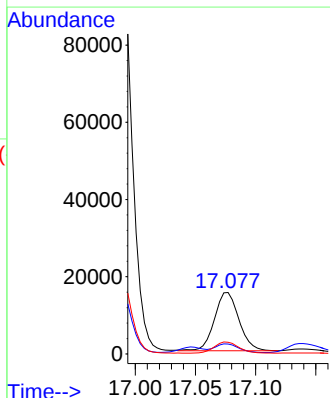
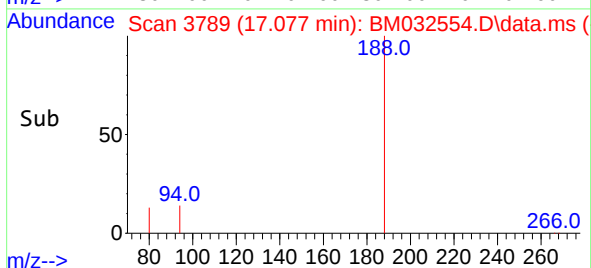
mohammad
10/19/2021 12:07:47 PM

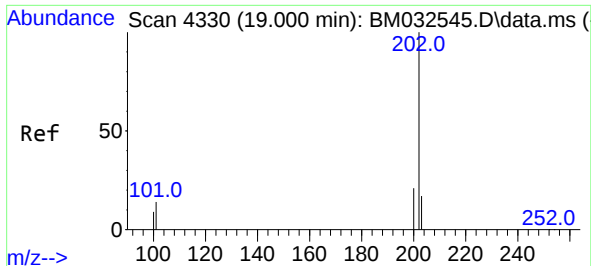


#16
Anthracene
Concen: 0.33 ng/ul
RT: 17.077 min Scan# 3789
Delta R.T. -0.008 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

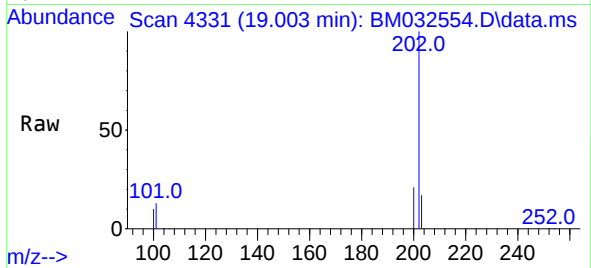


Tgt Ion:178 Resp: 21404
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 19.1 15.8 23.6

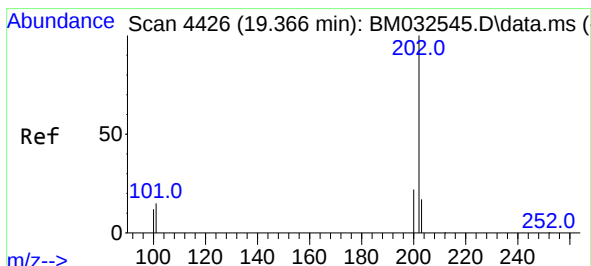
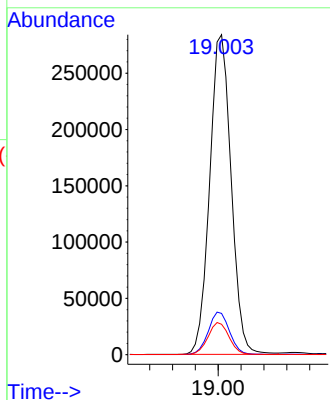
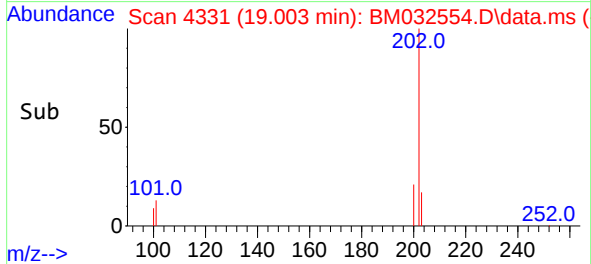




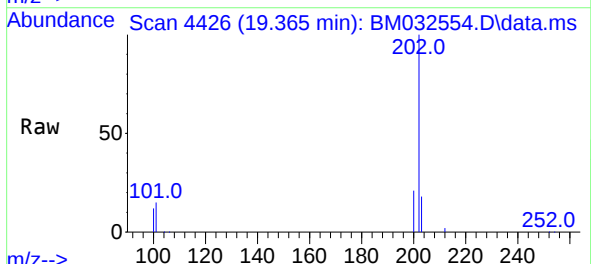
#19
Fluoranthene
Concen: 5.64 ng/ul
RT: 19.003 min Scan# 4331
Delta R.T. -0.009 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59



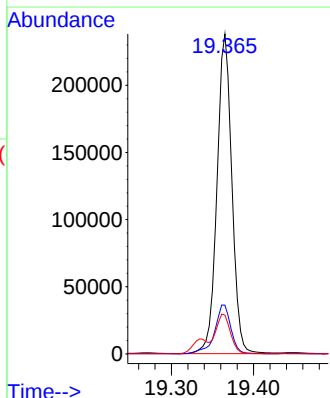
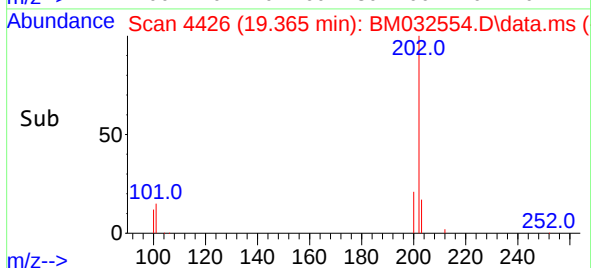
Tgt Ion:202 Resp: 370363
Ion Ratio Lower Upper
202 100
101 12.9 10.6 16.0
100 9.5 7.8 11.8



#20
Pyrene
Concen: 4.44 ng/ul
RT: 19.365 min Scan# 4426
Delta R.T. -0.009 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59



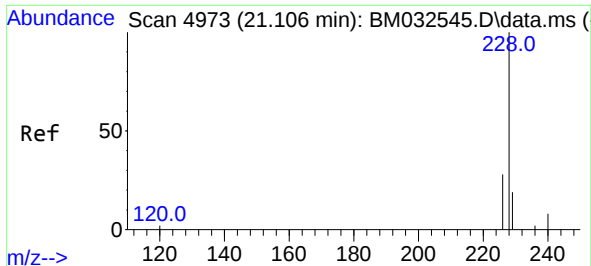
Tgt Ion:202 Resp: 299591
Ion Ratio Lower Upper
202 100
101 15.2 12.3 18.5
100 12.2 10.1 15.1



Instrument :
BNA_M
ClientSampleId :
C00T0

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:47 PM



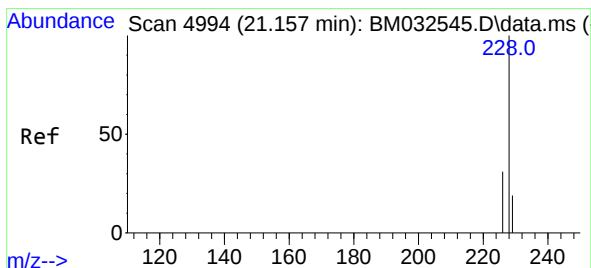
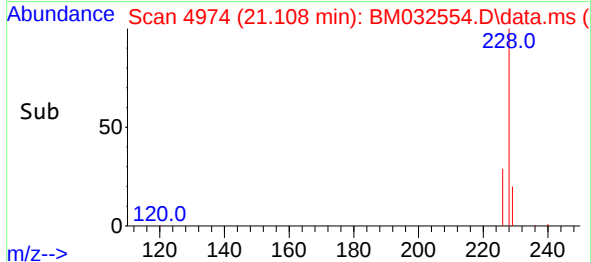
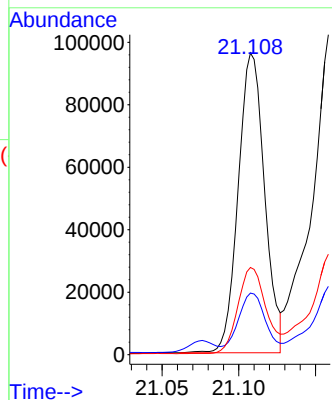
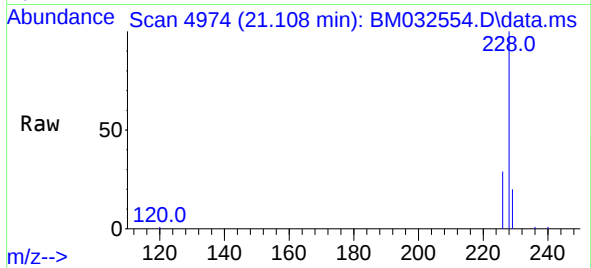
#21
Benzo(a)anthracene
Concen: 2.21 ng/ul
RT: 21.108 min Scan# 4974
Delta R.T. -0.013 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:228 Resp: 114698
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 28.9 22.4 33.6

Instrument :
BNA_M
ClientSampled :
C00T0

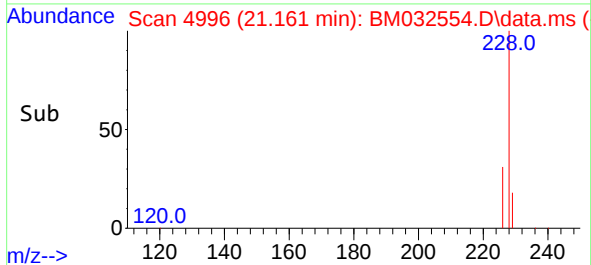
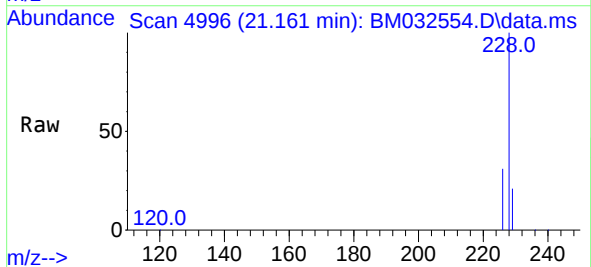
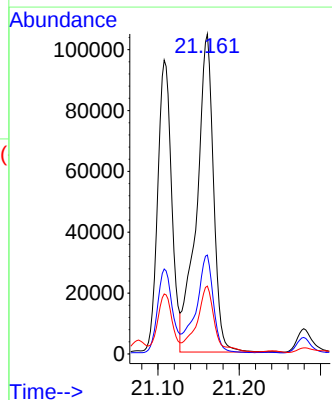
Manual Integrations
APPROVED

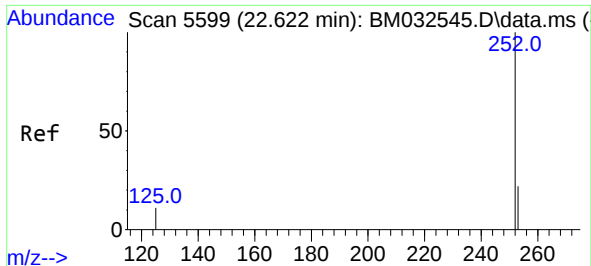
mohammad
10/19/2021 12:07:47 PM



#22
Chrysene
Concen: 2.65 ng/ul
RT: 21.161 min Scan# 4996
Delta R.T. -0.011 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:228 Resp: 151248
Ion Ratio Lower Upper
228 100
226 30.9 25.1 37.7
229 21.2 15.7 23.5





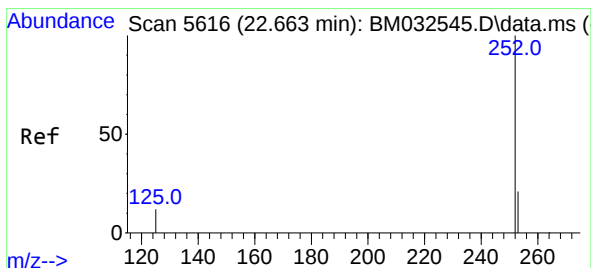
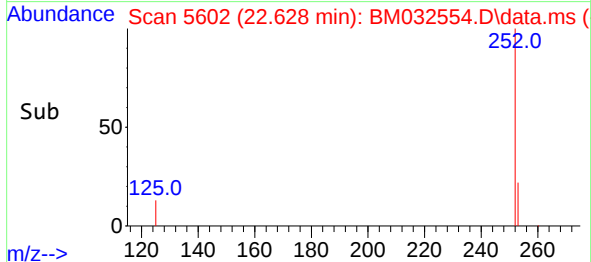
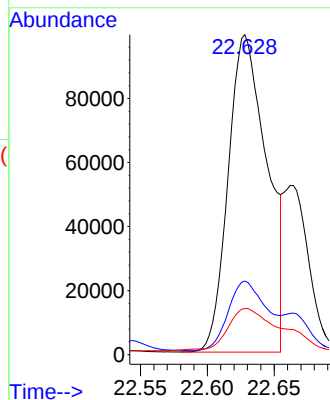
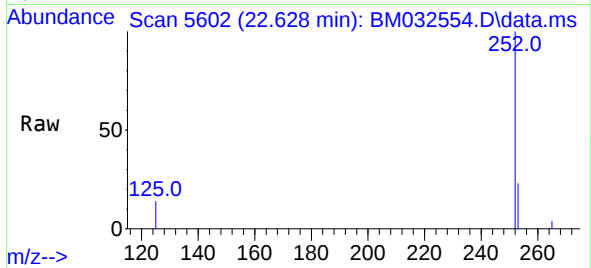
#24
Benzo(b)fluoranthene
Concen: 3.50 ng/ul m
RT: 22.628 min Scan# 5602
Delta R.T. -0.015 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:252 Resp: 200227
Ion Ratio Lower Upper
252 100
253 23.0 0.0 53.8
125 14.4 0.0 35.6

Instrument :
BNA_M
ClientSampled :
C00T0

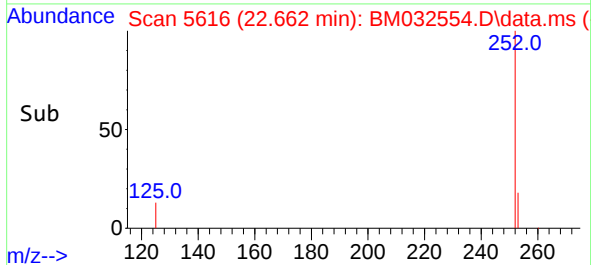
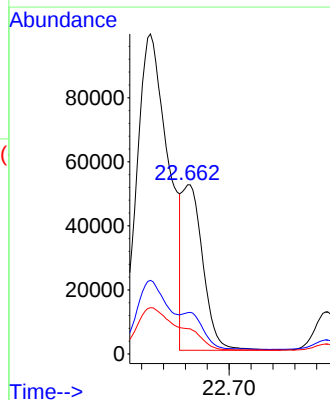
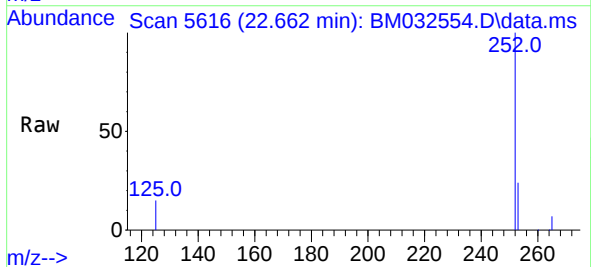
Manual Integrations
APPROVED

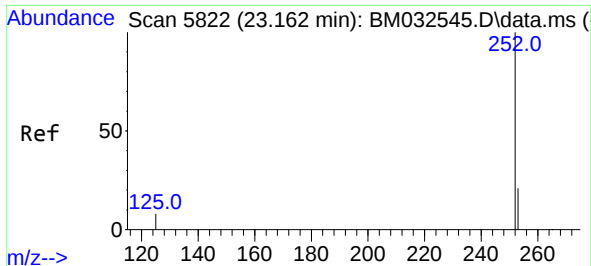
mohammad
10/19/2021 12:07:47 PM



#25
Benzo(k)fluoranthene
Concen: 1.21 ng/ul m
RT: 22.662 min Scan# 5616
Delta R.T. -0.023 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:252 Resp: 68650
Ion Ratio Lower Upper
252 100
253 24.4 21.8 32.6
125 15.0 14.4 21.6





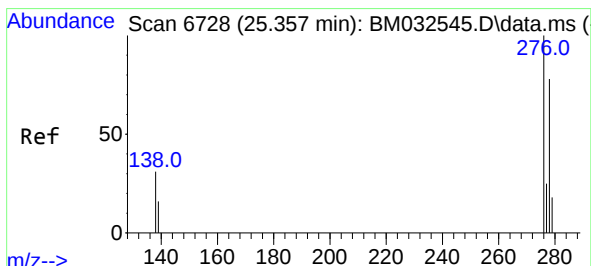
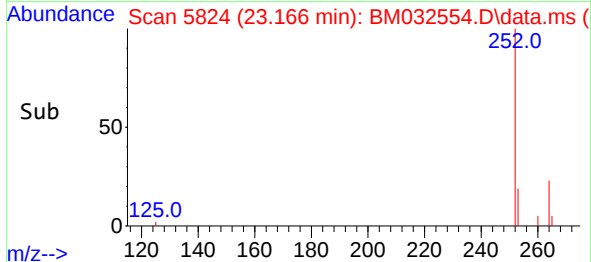
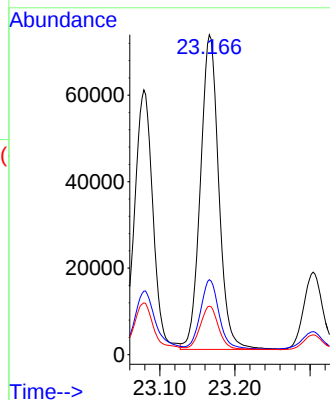
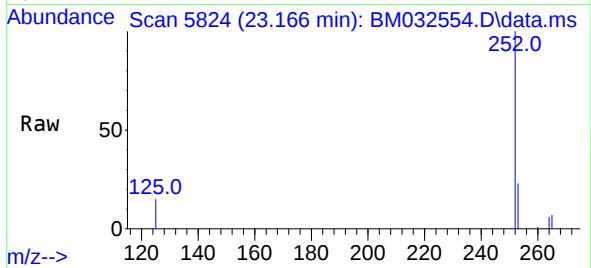
#26
Benzo(a)pyrene
Concen: 2.58 ng/ul m
RT: 23.166 min Scan# 5824
Delta R.T. -0.018 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:252 Resp: 123580
Ion Ratio Lower Upper
252 100
253 23.5 23.6 35.4#
125 15.1 17.1 25.7#

Instrument :
BNA_M
ClientSampleId :
C00T0

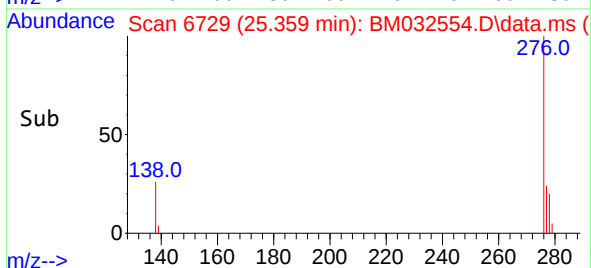
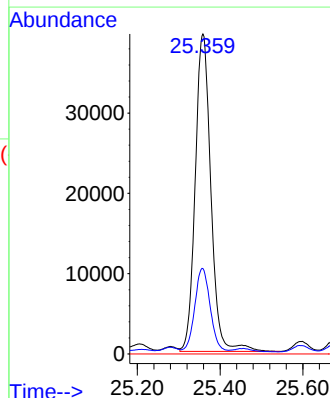
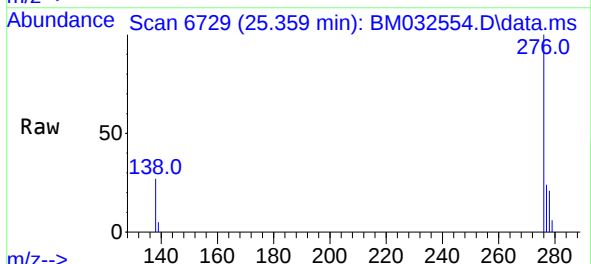
Manual Integrations
APPROVED

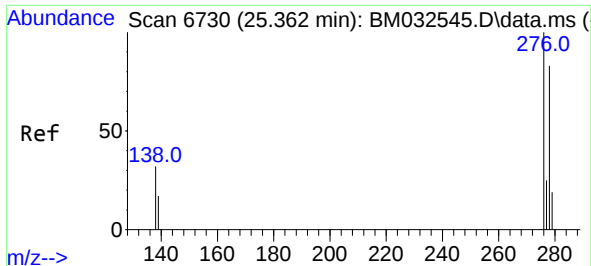
mohammad
10/19/2021 12:07:47 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.77 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.028 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:276 Resp: 103889
Ion Ratio Lower Upper
276 100
138 25.4 24.9 37.3
227 0.0 0.0 0.0





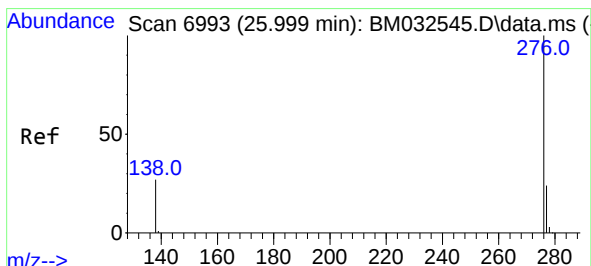
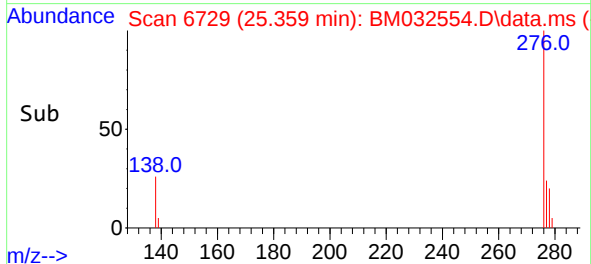
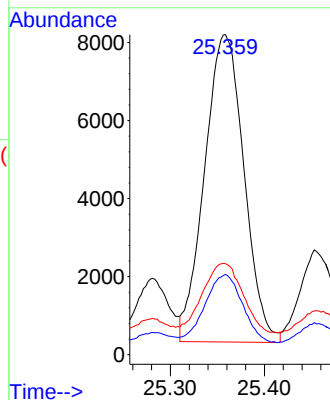
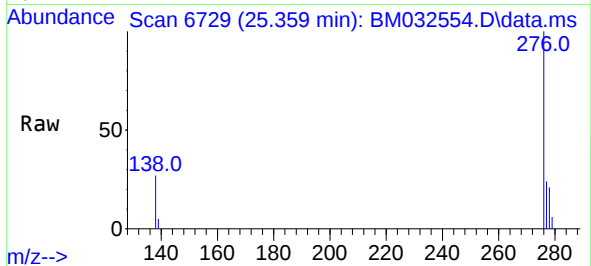
#28
Dibenzo(a,h)anthracene
Concen: 0.50 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.035 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:	278	Resp:	22945
Ion Ratio	Lower	Upper	
278	100		
139	25.1	18.6	28.0
279	28.5	22.0	33.0

Instrument :
BNA_M
ClientSampleId :
C00T0

Manual Integrations
APPROVED

mohammad
10/19/2021 12:07:47 PM



#29
Benzo(g,h,i)perylene
Concen: 1.85 ng/ul
RT: 26.005 min Scan# 6996
Delta R.T. -0.025 min
Lab File: BM032554.D
Acq: 16 Oct 2021 08:59

Tgt Ion:	276	Resp:	94331
Ion Ratio	Lower	Upper	
276	100		
138	27.4	22.6	33.8
277	24.0	19.9	29.9

