

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031735.D
 Acq On : 14 Aug 2021 04:20
 Operator : CG/JU
 Sample : M3208-04DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E4DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:58 AM

Quant Time: Aug 14 04:51:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 14 03:22:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1390	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4930	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	2667	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.951	188	5128	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.147	240	4454	0.400	ng/ul	#-0.01
23) Perylene-d12	23.300	264	4461	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	777	0.503	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	262	0.032	ng/ul	0.00
18) Fluoranthene-d10	18.986	212	460	0.031	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	2750	0.187	ng/ul	96
7) 2-Methylnaphthalene	11.998	142	1402	0.140	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	1046	0.106	ng/ul	100
10) Acenaphthylene	13.918	152	5895	0.519	ng/ul	100
11) Acenaphthene	14.262	153	479	0.050	ng/ul#	92
12) Fluorene	15.255	166	781	0.071	ng/ul#	92
15) Phenanthrene	16.992	178	27408	1.683	ng/ul	98
16) Anthracene	17.086	178	5869	0.385	ng/ul	98
19) Fluoranthene	19.012	202	64667	3.400	ng/ul	98
20) Pyrene	19.378	202	55196	2.861	ng/ul	99
21) Benzo(a)anthracene	21.130	228	26470	1.472	ng/ul	96
22) Chrysene	21.183	228	29959	1.610	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	41719m	2.076	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	13888m	0.669	ng/ul	
26) Benzo(a)pyrene	23.208	252	26431	1.502	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.427	276	19715	0.866	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.434	278	4808	0.262	ng/ul#	84
29) Benzo(g,h,i)perylene	26.076	276	6636	0.342	ng/ul#	91

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

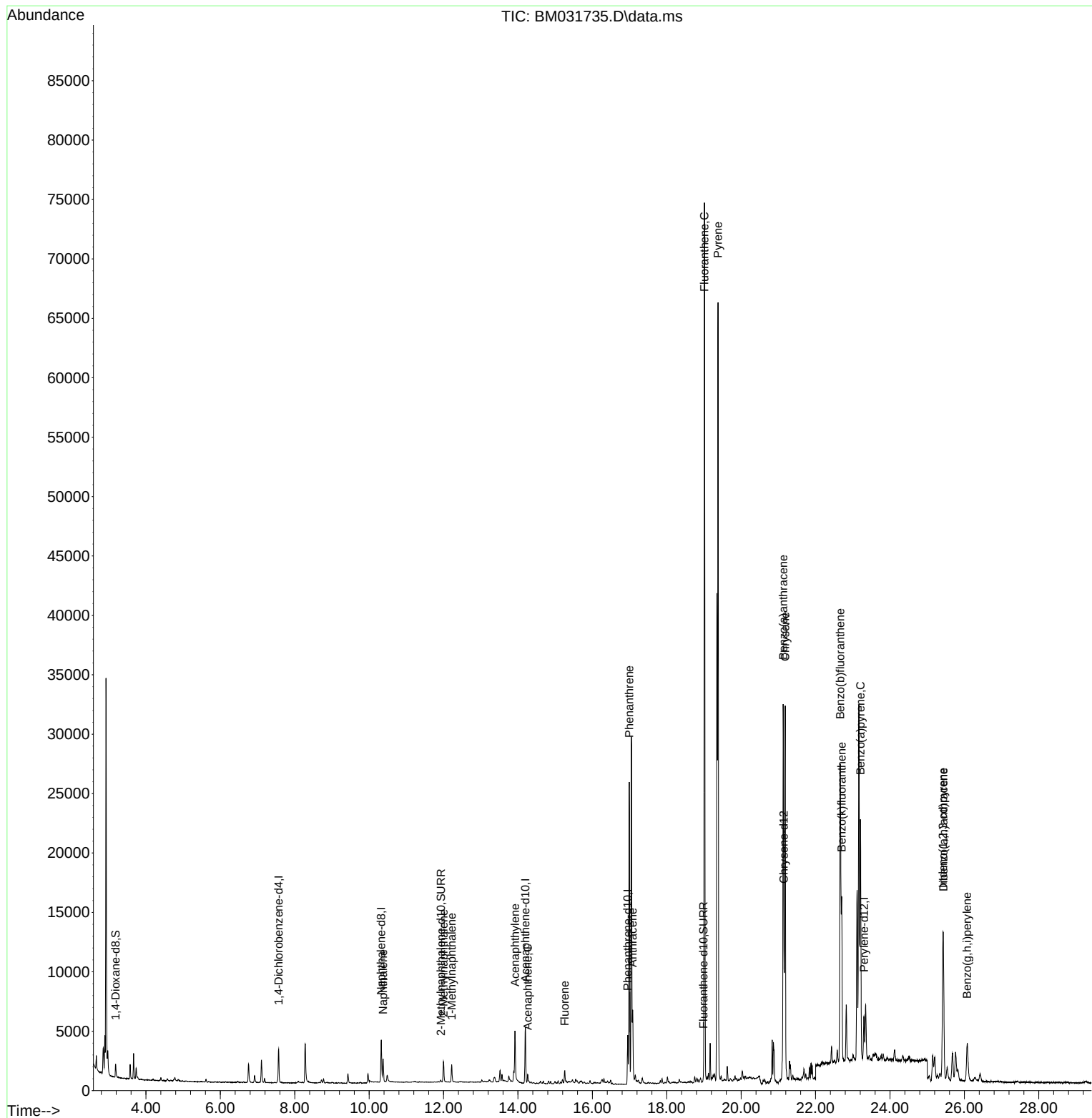
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031735.D
Acq On : 14 Aug 2021 04:20
Operator : CG/JU
Sample : M3208-04DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

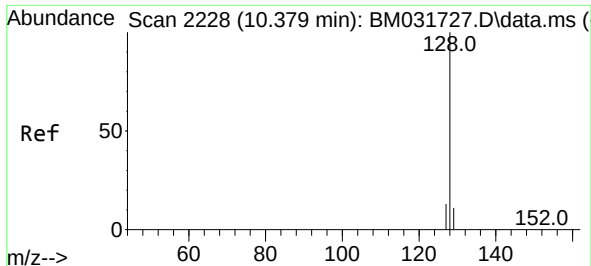
Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations
APPROVED

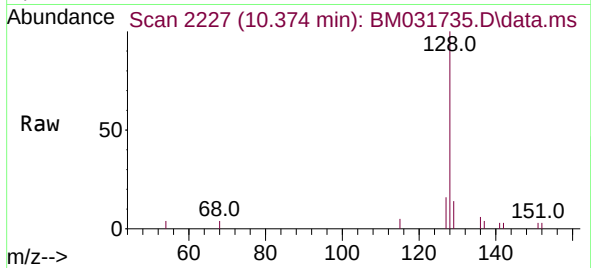
mohammad
8/16/2021 8:40:58 AM

Quant Time: Aug 14 04:51:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 14 03:22:39 2021
Response via : Initial Calibration

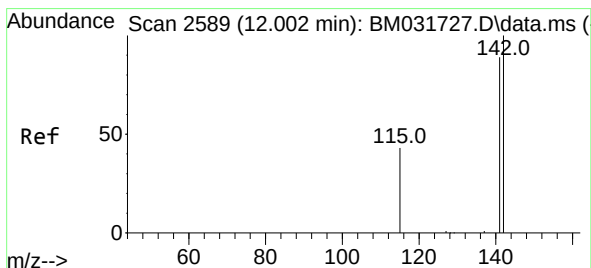
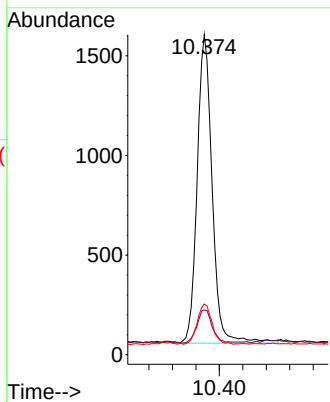
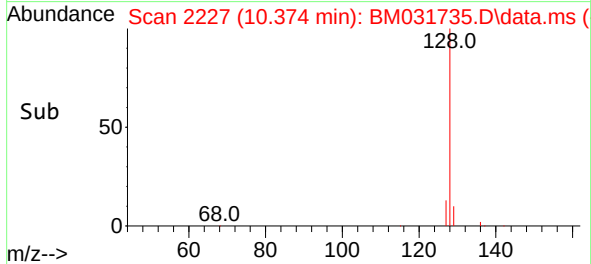




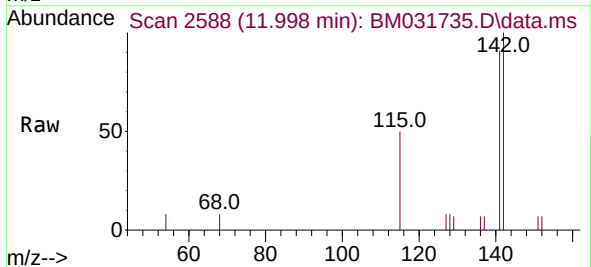
#5
Naphthalene
Concen: 0.187 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



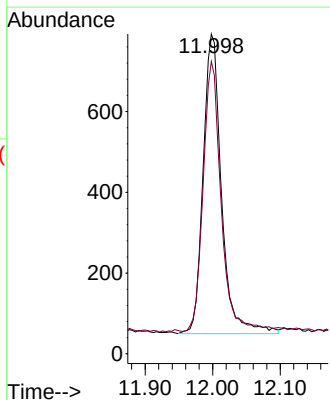
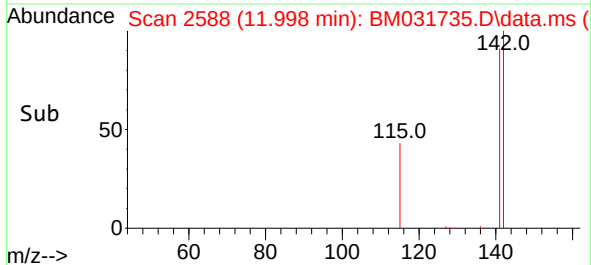
Tgt Ion:128 Resp: 2750
Ion Ratio Lower Upper
128 100
129 14.0 10.0 15.0
127 15.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.140 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



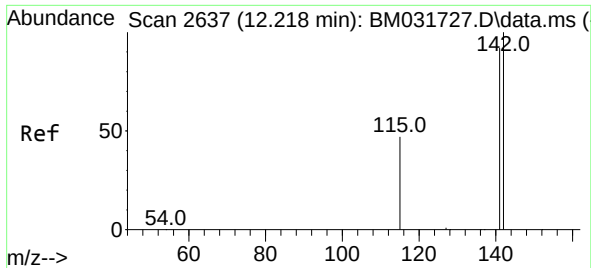
Tgt Ion:142 Resp: 1402
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:58 AM



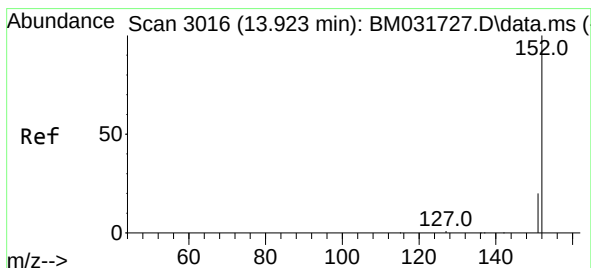
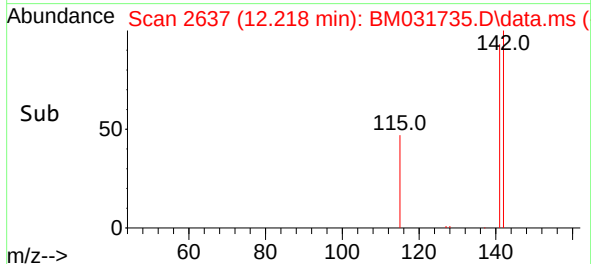
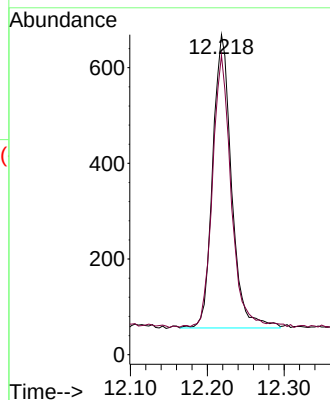
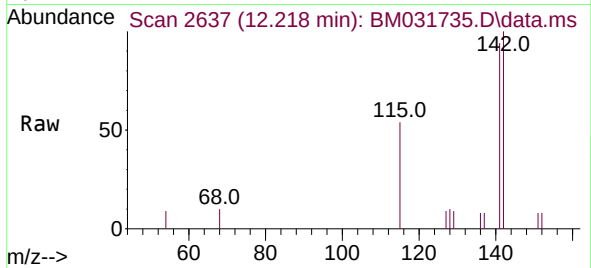
#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion:142 Resp: 1046
Ion Ratio Lower Upper
142 100
141 92.4 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E4DL

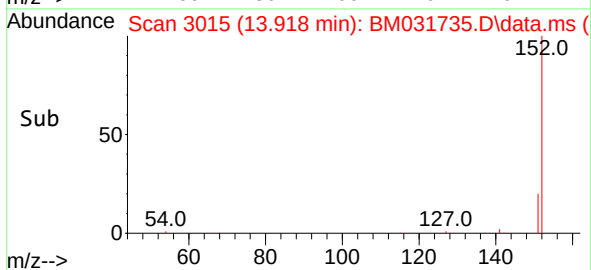
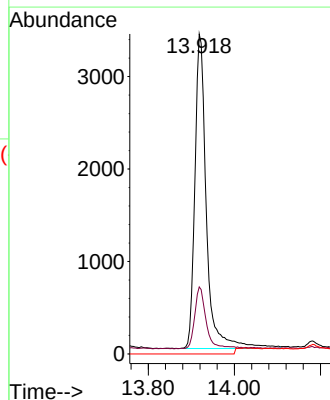
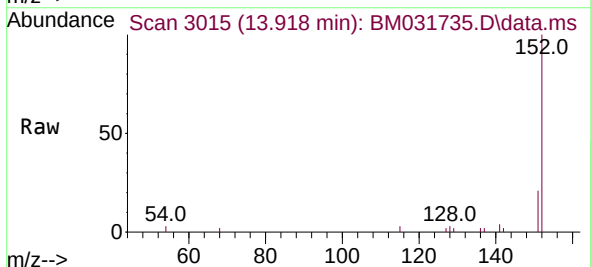
Manual Integrations
APPROVED

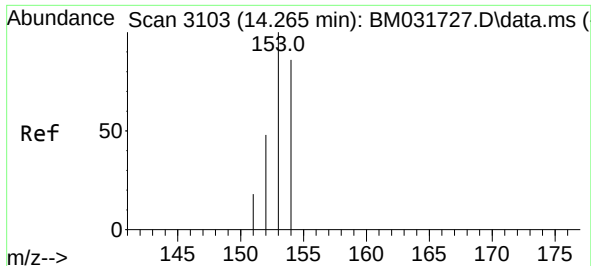
mohammad
8/16/2021 8:40:58 AM



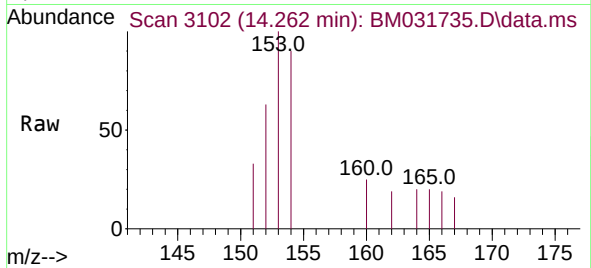
#10
Acenaphthylene
Concen: 0.519 ng/ul
RT: 13.918 min Scan# 3015
Delta R.T. -0.012 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion:152 Resp: 5895
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 0.0 0.0 0.0

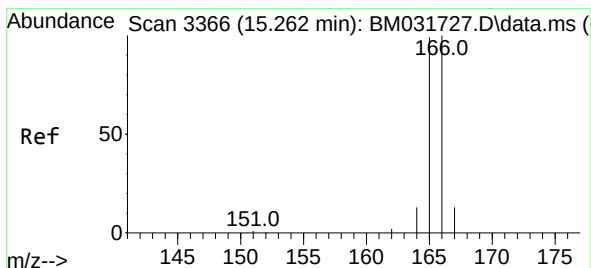
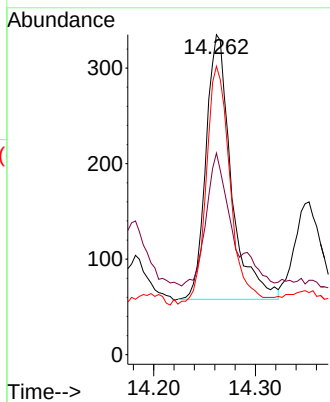
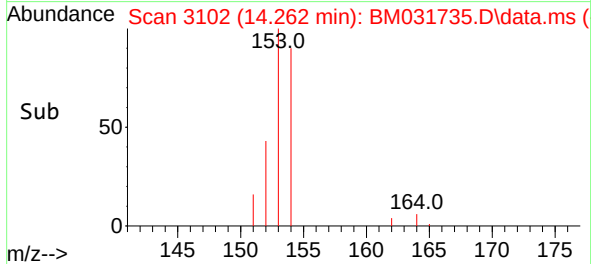




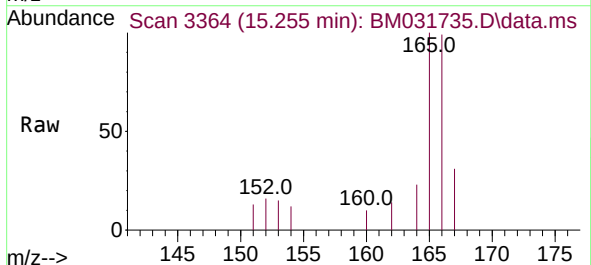
#11
Acenaphthene
Concen: 0.050 ng/ul
RT: 14.262 min Scan# 3102
Delta R.T. -0.011 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



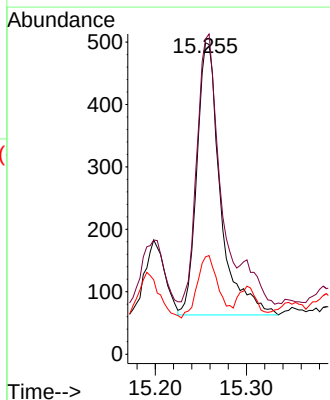
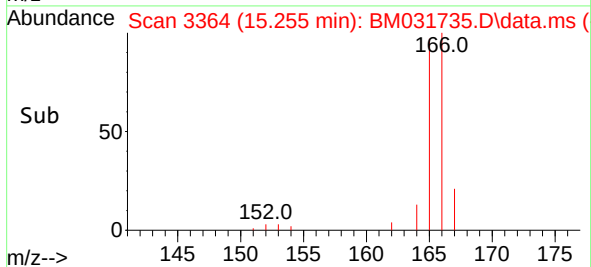
Tgt Ion:153 Resp: 479
Ion Ratio Lower Upper
153 100
152 63.0 40.7 61.1#
154 90.1 70.2 105.2



#12
Fluorene
Concen: 0.071 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



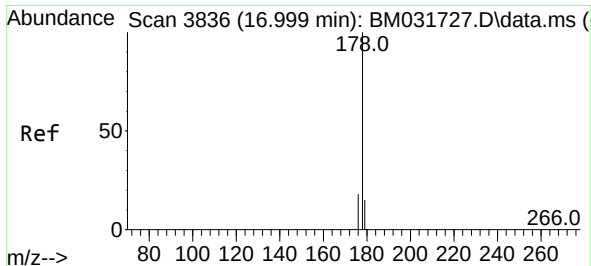
Tgt Ion:166 Resp: 781
Ion Ratio Lower Upper
166 100
165 101.2 78.0 117.0
167 31.3 12.0 18.0#



Instrument :
BNA_M
ClientSampleID :
C00E4DL

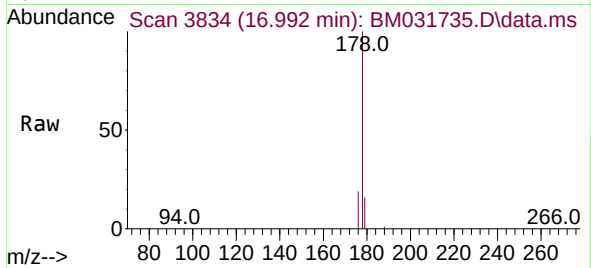
Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:58 AM



#15
Phenanthrene
Concen: 1.683 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

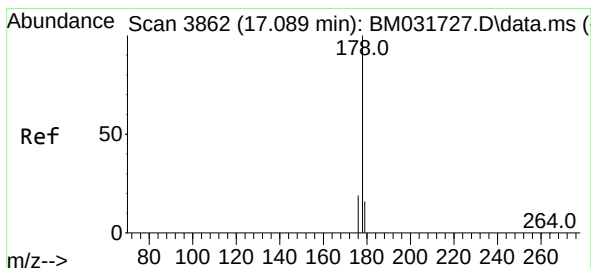
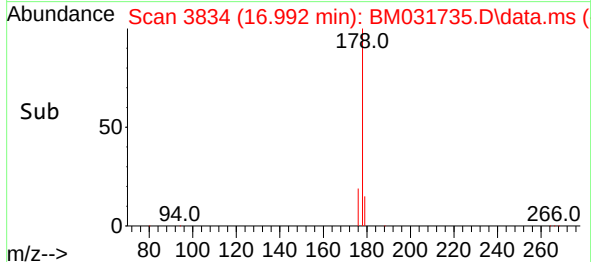
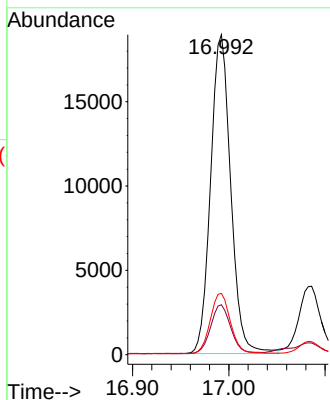
Instrument :
BNA_M
ClientSampleId :
C00E4DL



Tgt Ion:178 Resp: 27408
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.2 16.2 24.4

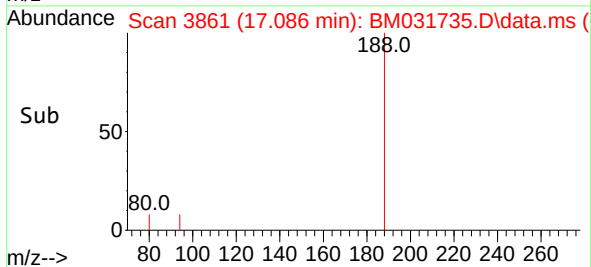
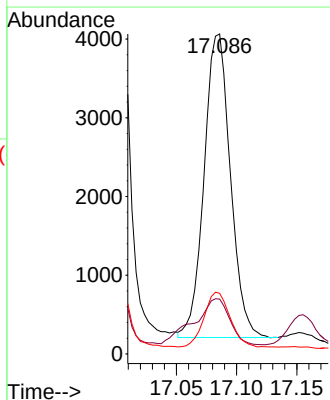
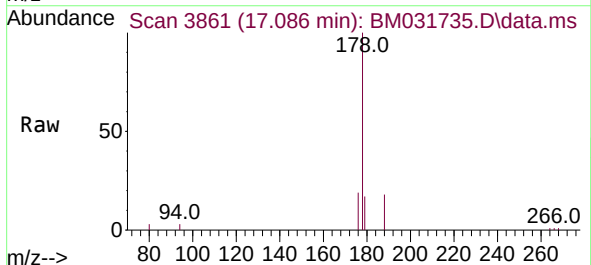
Manual Integrations
APPROVED

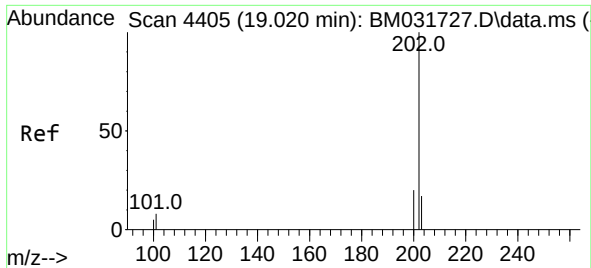
mohammad
8/16/2021 8:40:58 AM



#16
Anthracene
Concen: 0.385 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.010 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion:178 Resp: 5869
Ion Ratio Lower Upper
178 100
179 17.1 13.0 19.6
176 18.9 15.6 23.4





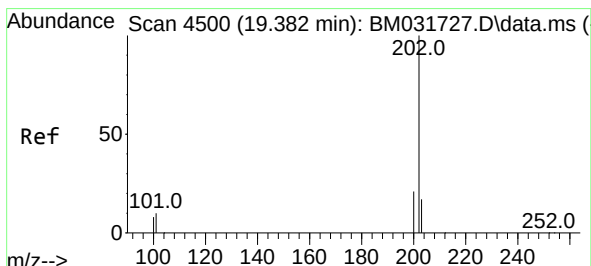
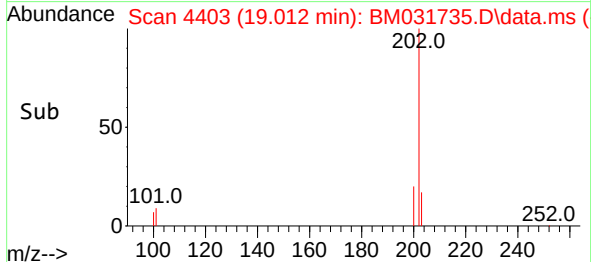
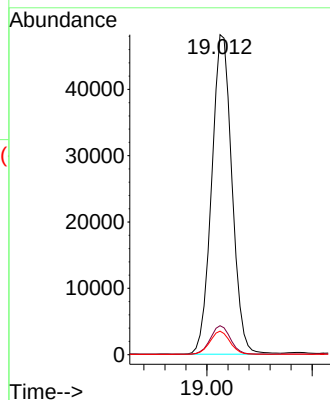
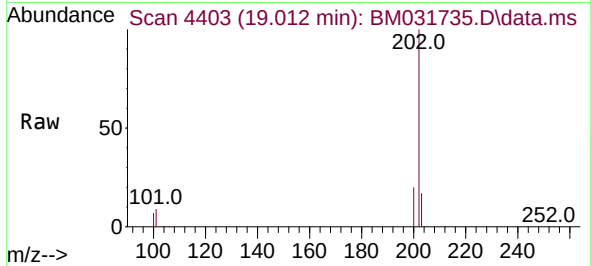
#19
Fluoranthene
Concen: 3.400 ng/ul
RT: 19.012 min Scan# 4403
Delta R.T. -0.015 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.6	10.0
100	7.3	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00E4DL

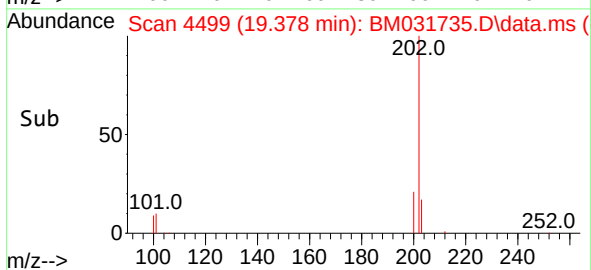
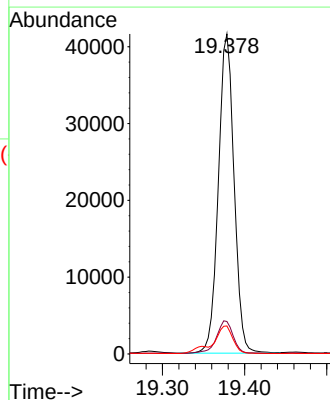
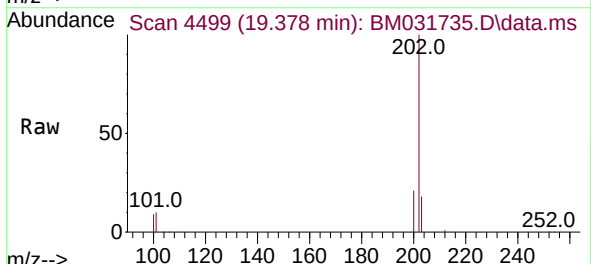
Manual Integrations
APPROVED

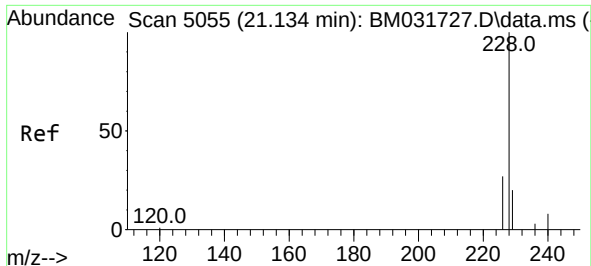
mohammad
8/16/2021 8:40:58 AM



#20
Pyrene
Concen: 2.861 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.8	11.6
100	8.8	6.6	10.0





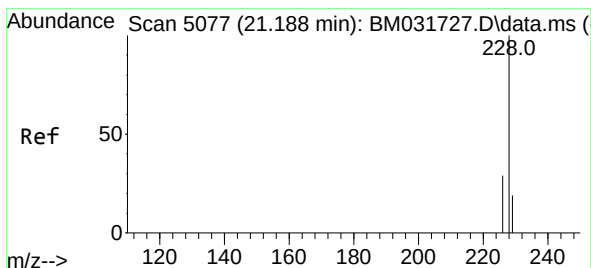
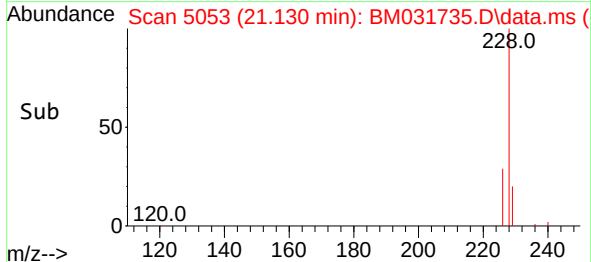
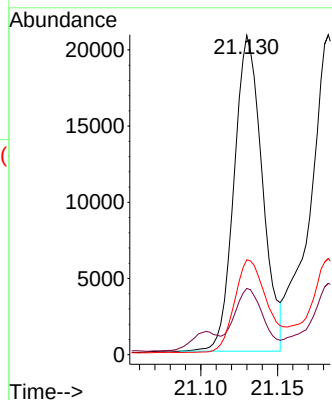
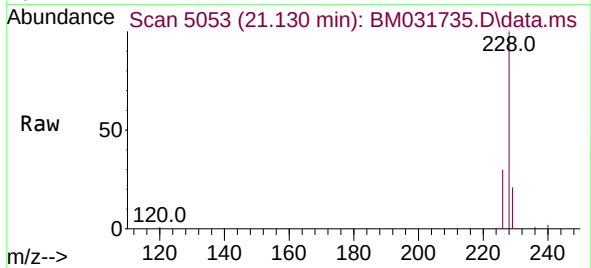
#21
Benzo(a)anthracene
Concen: 1.472 ng/ul
RT: 21.130 min Scan# 5053
Delta R.T. -0.014 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion:228 Resp: 26470
Ion Ratio Lower Upper
228 100
229 20.7 15.6 23.4
226 29.7 21.7 32.5

Instrument :
BNA_M
ClientSampleID :
C00E4DL

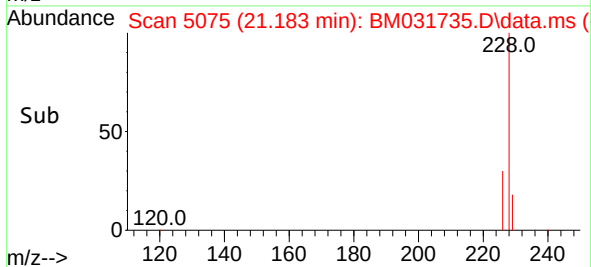
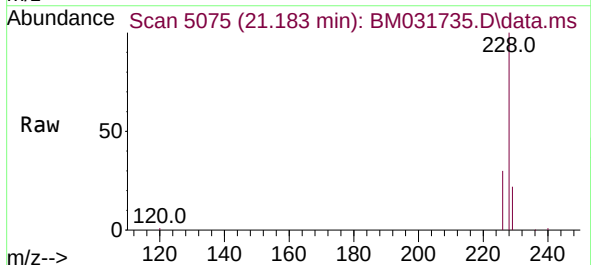
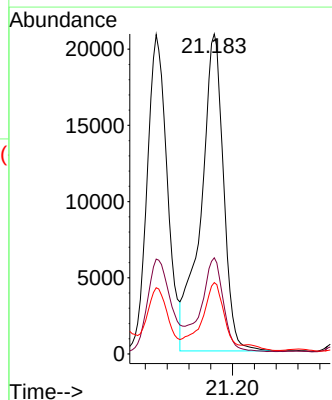
Manual Integrations
APPROVED

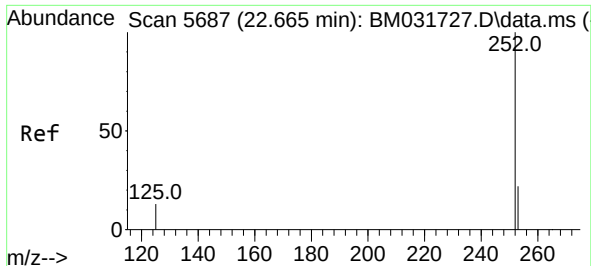
mohammad
8/16/2021 8:40:58 AM



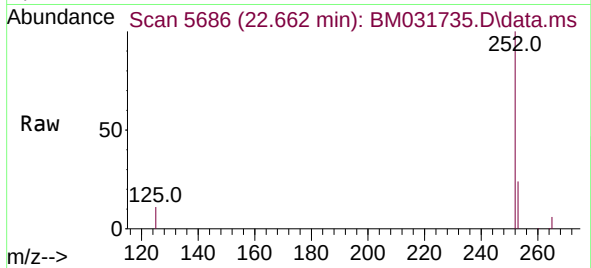
#22
Chrysene
Concen: 1.610 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20

Tgt Ion:228 Resp: 29959
Ion Ratio Lower Upper
228 100
226 30.0 24.7 37.1
229 22.3 16.2 24.2

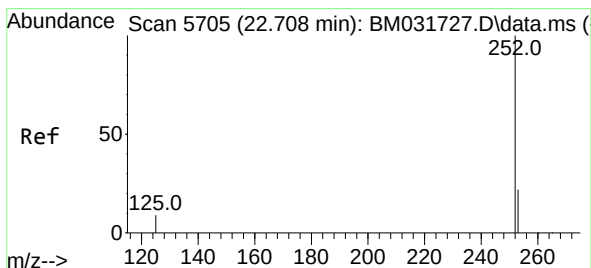
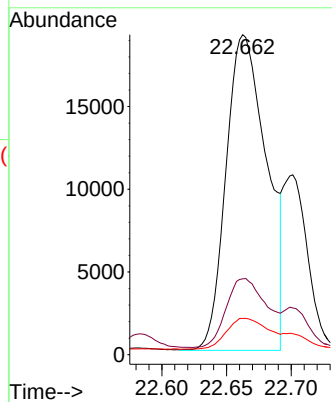
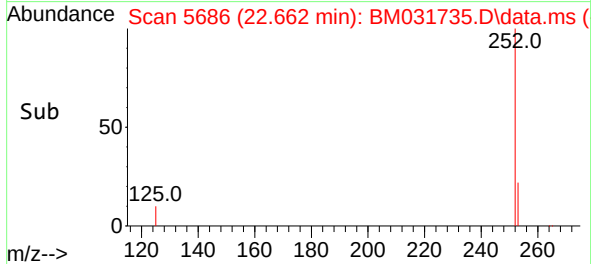




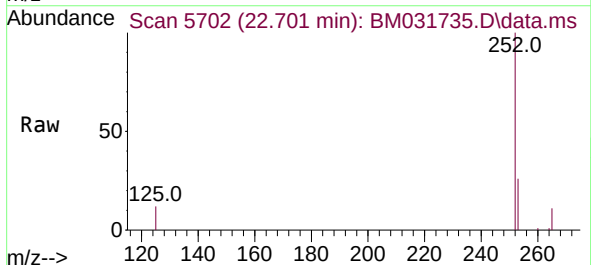
#24
Benzo(b)fluoranthene
Concen: 2.076 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



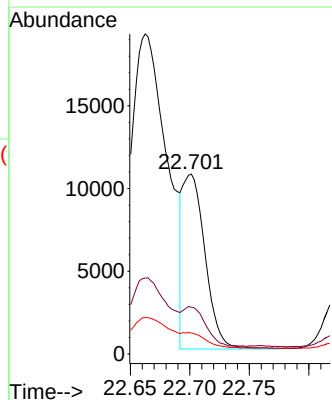
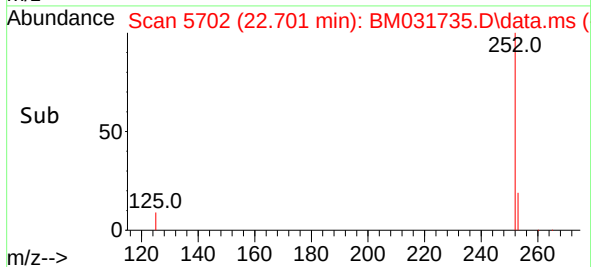
Tgt Ion:252 Resp: 41719
Ion Ratio Lower Upper
252 100
253 23.7 0.0 53.0
125 11.4 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 0.669 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.019 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



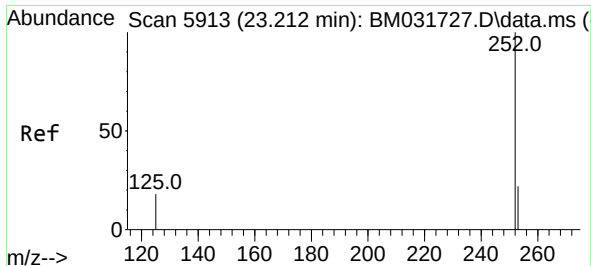
Tgt Ion:252 Resp: 13888
Ion Ratio Lower Upper
252 100
253 26.0 21.3 31.9
125 11.7 8.8 13.2



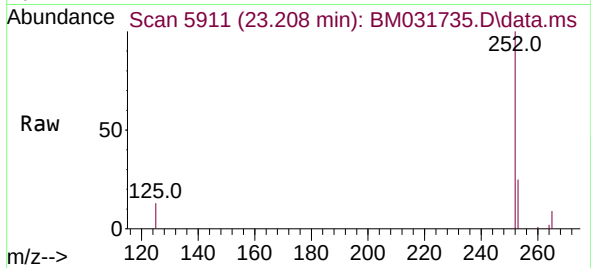
Instrument :
BNA_M
ClientSampleId :
C00E4DL

Manual Integrations
APPROVED

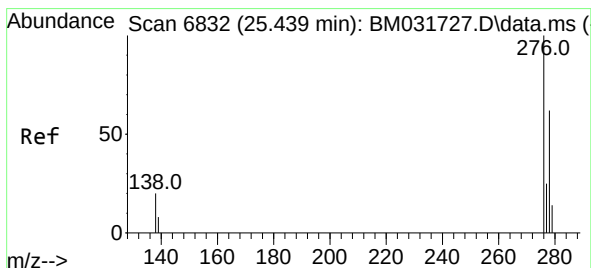
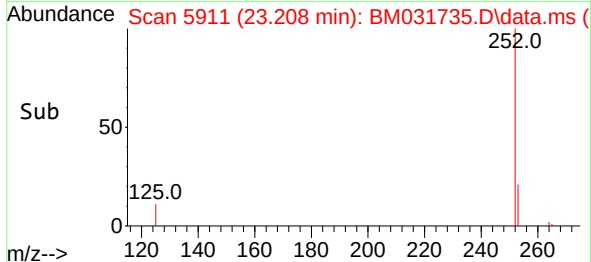
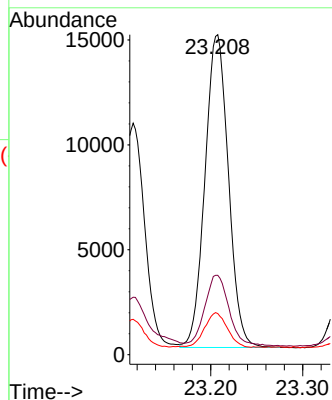
mohammad
8/16/2021 8:40:58 AM



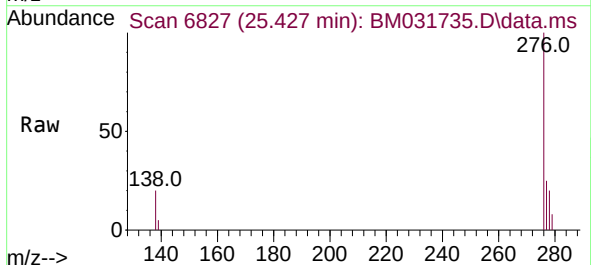
#26
Benzo(a)pyrene
Concen: 1.502 ng/ul
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



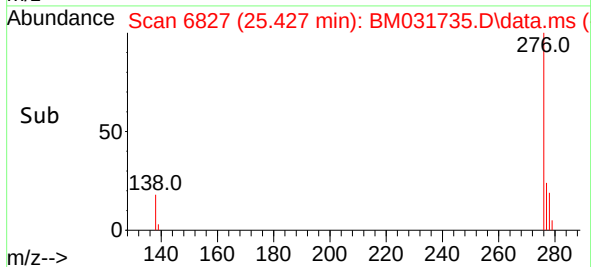
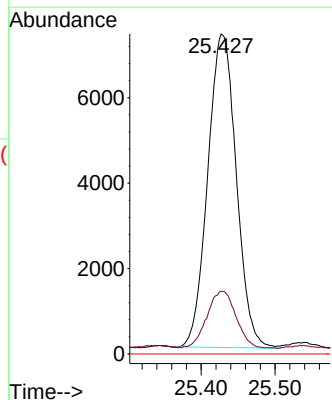
Tgt Ion: 252 Resp: 26431
Ion Ratio Lower Upper
252 100
253 24.8 22.4 33.6
125 12.8 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.866 ng/ul
RT: 25.427 min Scan# 6827
Delta R.T. -0.033 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



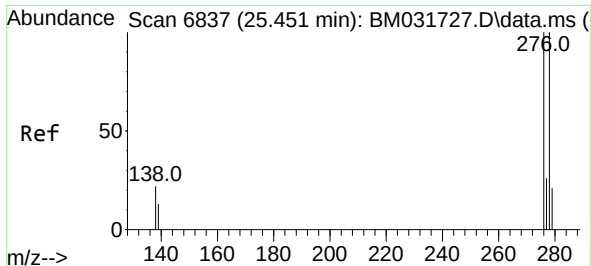
Tgt Ion: 276 Resp: 19715
Ion Ratio Lower Upper
276 100
138 18.8 15.8 23.8
227 0.0 0.0 0.0



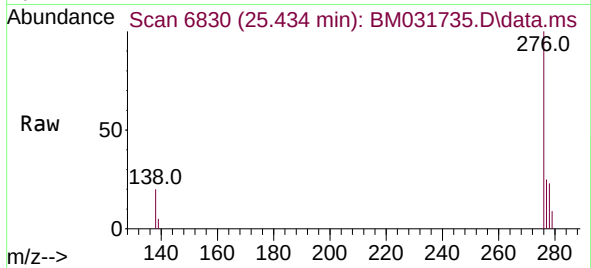
Instrument :
BNA_M
ClientSampled :
C00E4DL

Manual Integrations
APPROVED

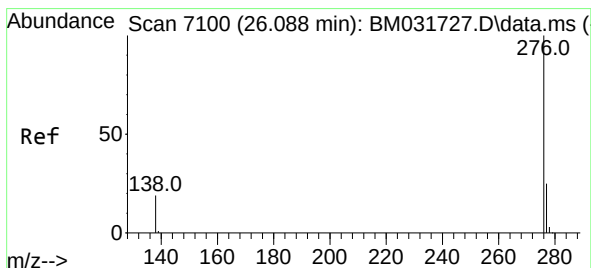
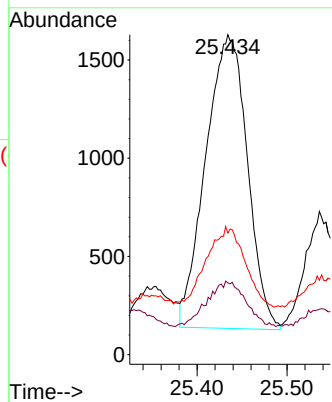
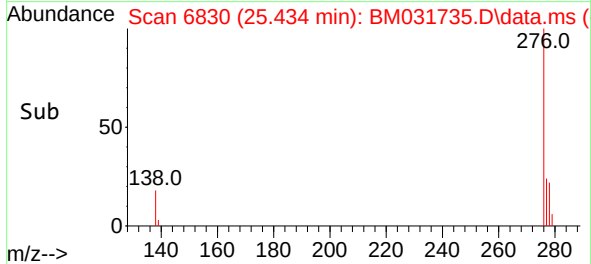
mohammad
8/16/2021 8:40:58 AM



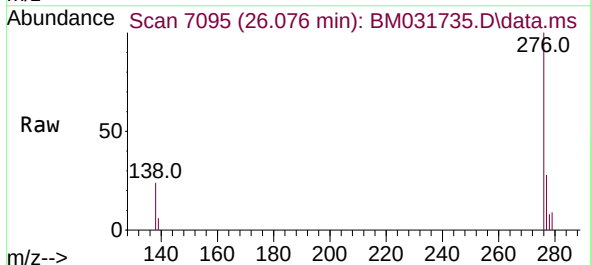
#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.038 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



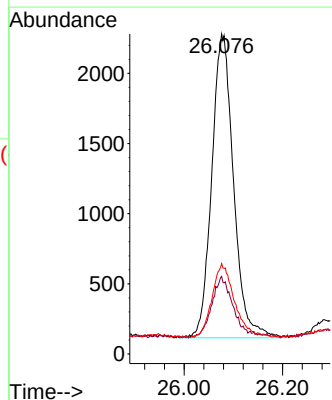
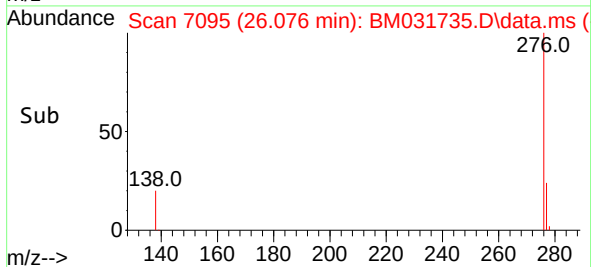
Tgt Ion: 278 Resp: 4808
Ion Ratio Lower Upper
278 100
139 22.5 13.3 19.9#
279 38.0 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 26.076 min Scan# 7095
Delta R.T. -0.031 min
Lab File: BM031735.D
Acq: 14 Aug 2021 04:20



Tgt Ion: 276 Resp: 6636
Ion Ratio Lower Upper
276 100
138 24.3 15.4 23.2#
277 28.3 19.9 29.9



Instrument :
BNA_M
ClientSampleID :
C00E4DL

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:58 AM