

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045496.D
 Acq On : 23 Apr 2024 01:28
 Operator : MA/JU
 Sample : P2037-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CY5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/26/2024

Quant Time: Apr 23 08:32:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 02:57:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1049	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.314	136	3447	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.205	164	2074	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.963	188	4479m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.184	240	3144	0.400	ng/ul	-0.03
23) Perylene-d12	23.373	264	3085m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	6316	4.492	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.920	152	1566	0.344	ng/ul	-0.06
18) Fluoranthene-d10	19.006	212	3501	0.354	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	78824	8.515	ng/ul#	86
7) 2-Methylnaphthalene	11.997	142	3110	0.588	ng/ul	99
8) 1-Methylnaphthalene	12.217	142	1897	0.320	ng/ul	96
10) Acenaphthylene	13.918	152	1578	0.154	ng/ul	95
11) Acenaphthene	14.265	153	844	0.111	ng/ul	99
12) Fluorene	15.264	166	2873	0.354	ng/ul	99
15) Phenanthrene	17.005	178	14713m	1.128	ng/ul	
16) Anthracene	17.098	178	4515m	0.370	ng/ul	
19) Fluoranthene	19.038	202	20950	1.444	ng/ul#	91
20) Pyrene	19.401	202	18628	1.249	ng/ul#	94
21) Benzo(a)anthracene	21.170	228	12448	1.239	ng/ul	97
22) Chrysene	21.219	228	13181	0.853	ng/ul	99
24) Benzo(b)fluoranthene	22.718	252	25509	2.458	ng/ul	90
25) Benzo(k)fluoranthene	22.756	252	8207m	0.626	ng/ul	
26) Benzo(a)pyrene	23.274	252	18042m	1.676	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.558	276	16091	1.029	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.575	278	3720	0.300	ng/ul	95
29) Benzo(g,h,i)perylene	26.229	276	14220	1.012	ng/ul	94

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

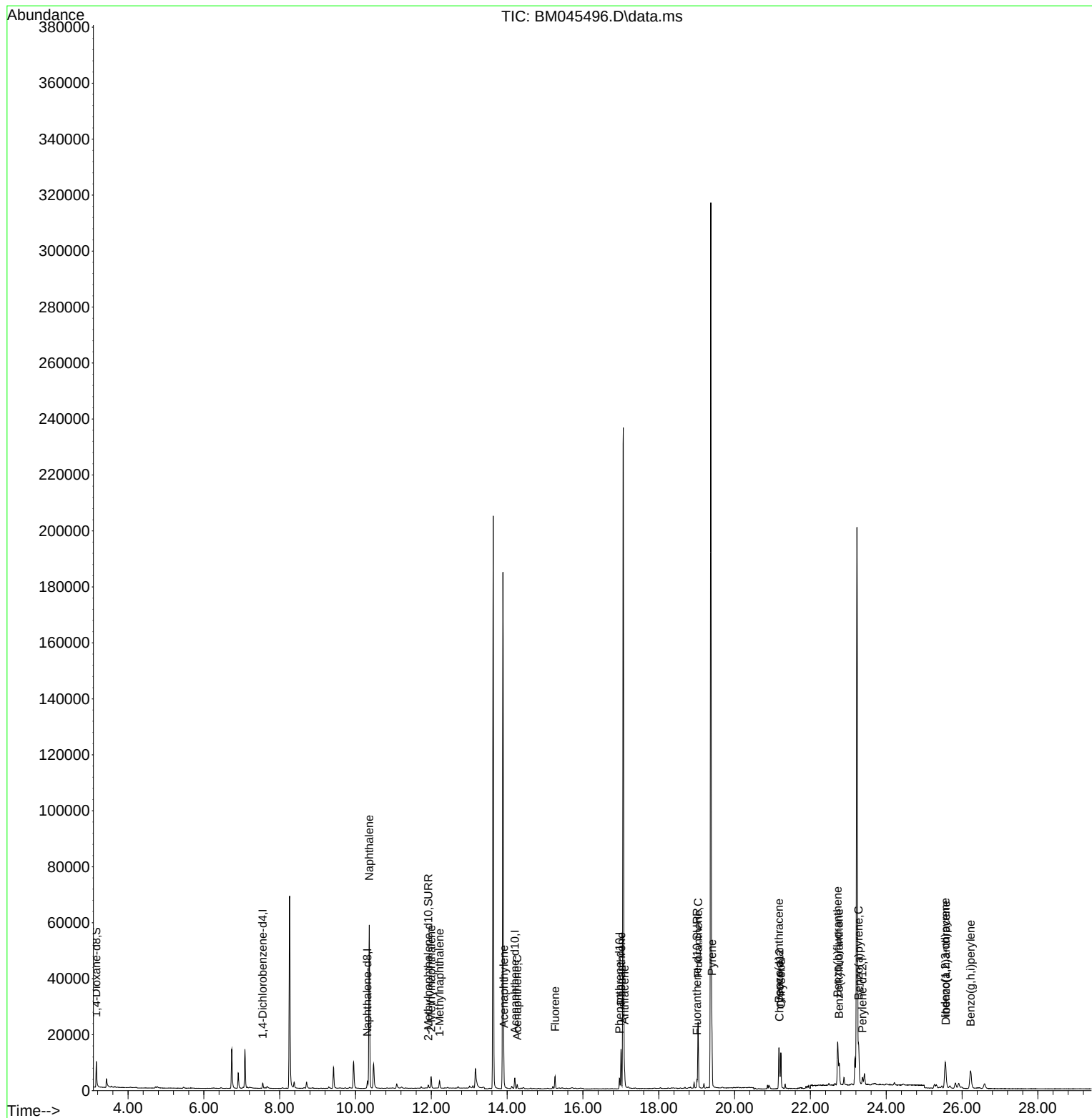
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045496.D
Acq On : 23 Apr 2024 01:28
Operator : MA/JU
Sample : P2037-19
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ALS Vial : 26 Sample Multiplier: 1

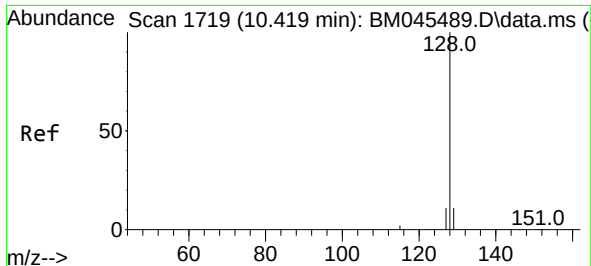
Instrument :
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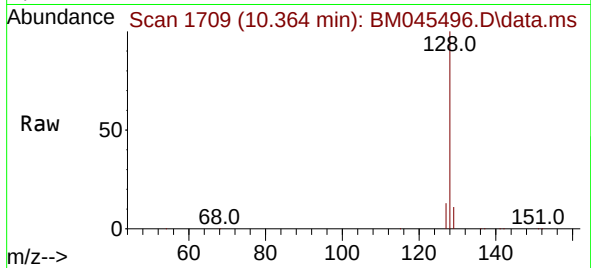
Quant Time: Apr 23 08:32:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
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#5
Naphthalene
Concen: 8.515 ng/ul
RT: 10.364 min Scan# 1719
Delta R.T. -0.055 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

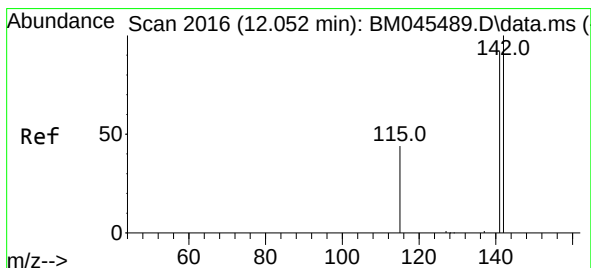
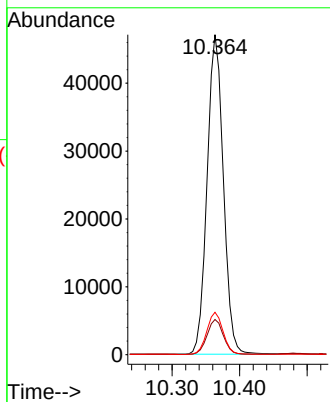
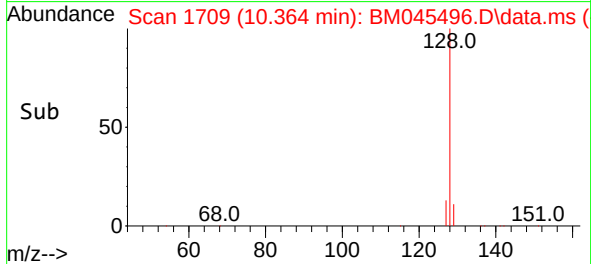
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:128 Resp: 78824
Ion Ratio Lower Upper
128 100
129 11.0 14.0 21.0
127 13.2 15.4 23.2

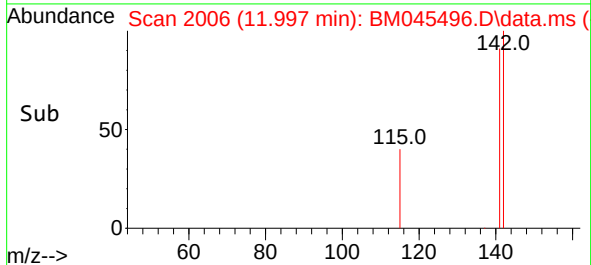
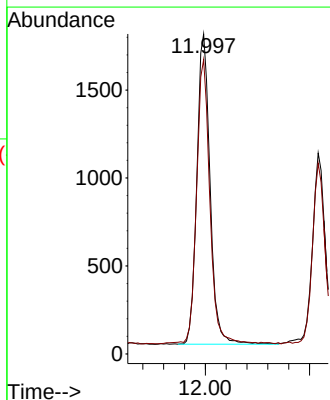
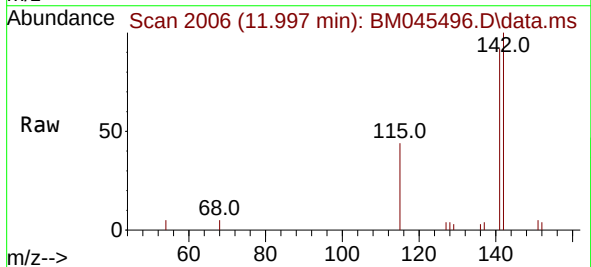
Manual Integrations
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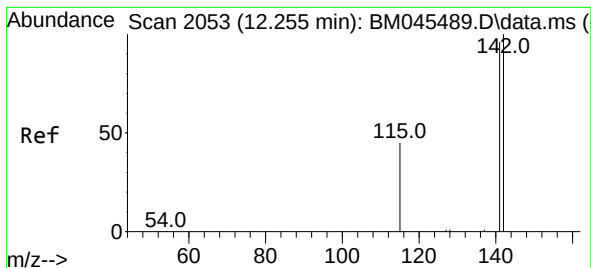
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#7
2-Methylnaphthalene
Concen: 0.588 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.055 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:142 Resp: 3110
Ion Ratio Lower Upper
142 100
141 92.1 74.6 111.8





#8

1-Methylnaphthalene

Concen: 0.320 ng/ul

RT: 12.217 min Scan# 2046

Delta R.T. -0.038 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

Instrument :

BNA_M

ClientSampleId :

E1CY5

Tgt Ion:142 Resp: 189

Ion Ratio Lower Upper

142 100

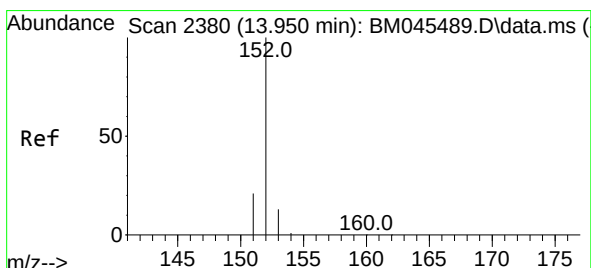
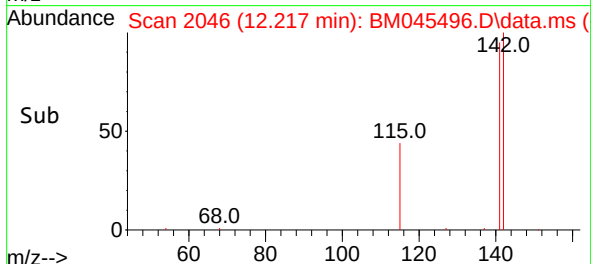
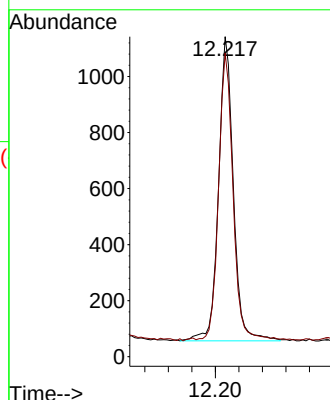
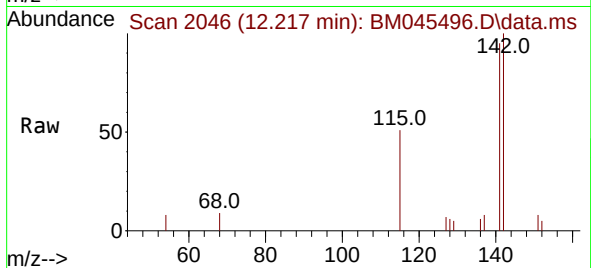
141 91.2 76.1 114.1

Manual Integrations

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Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#10

Acenaphthylene

Concen: 0.154 ng/ul

RT: 13.918 min Scan# 2373

Delta R.T. -0.032 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

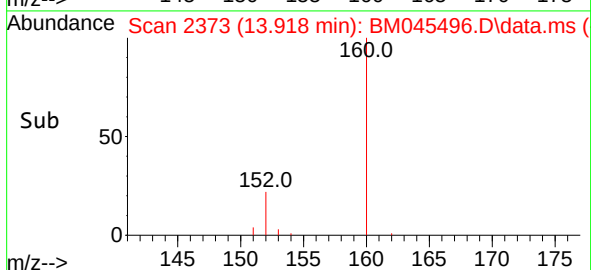
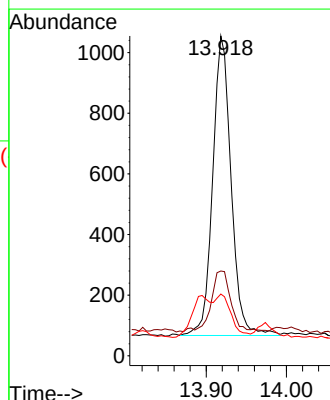
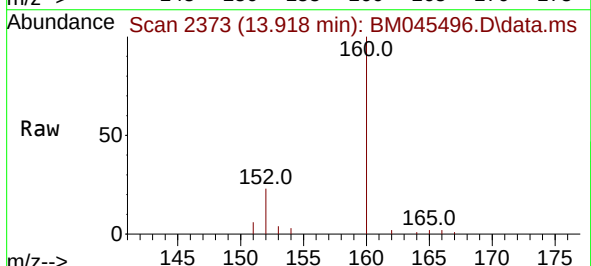
Tgt Ion:152 Resp: 1578

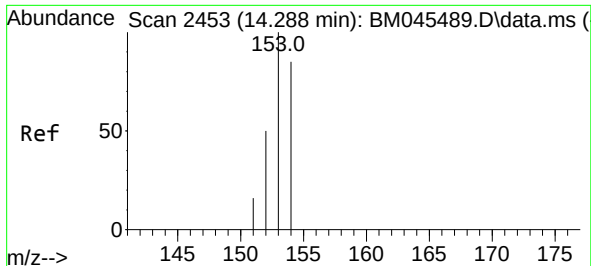
Ion Ratio Lower Upper

152 100

151 26.5 18.6 28.0

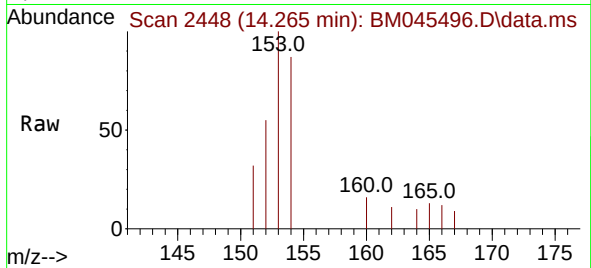
153 19.3 14.1 21.1





#11
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.265 min Scan# 2453
Delta R.T. -0.023 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

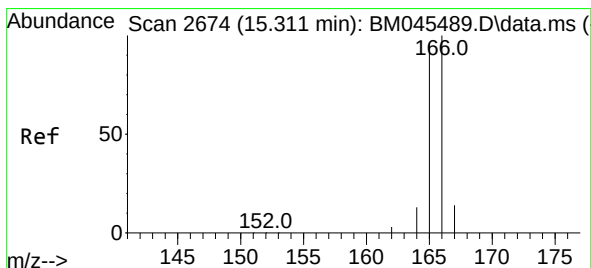
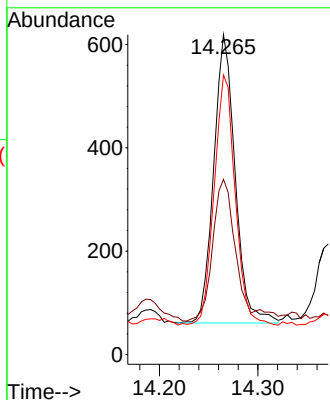
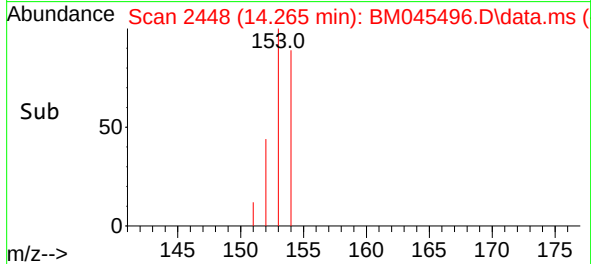
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:153 Resp: 844
Ion Ratio Lower Upper
153 100
152 54.8 43.4 65.2
154 87.4 69.0 103.6

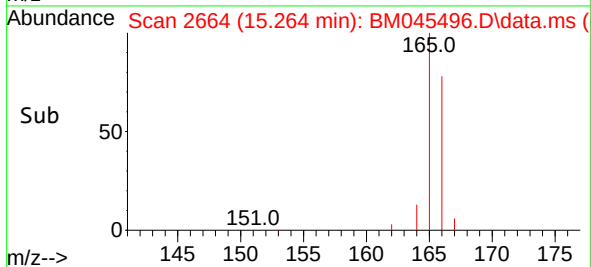
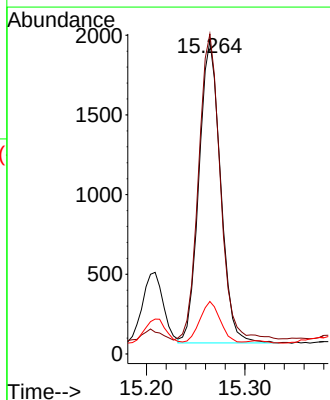
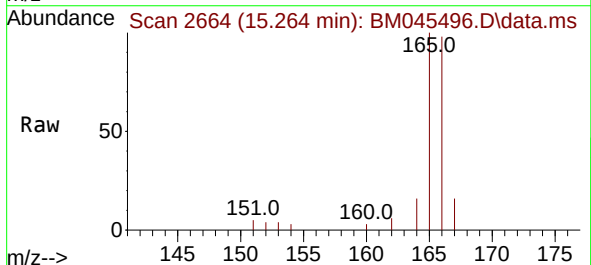
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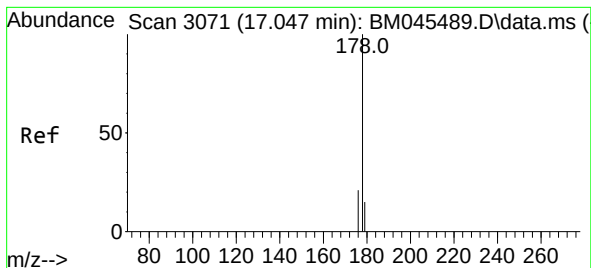
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.264 min Scan# 2664
Delta R.T. -0.046 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

Tgt Ion:166 Resp: 2873
Ion Ratio Lower Upper
166 100
165 102.1 82.2 123.2
167 16.8 14.8 22.2





#15

Phenanthrene

Concen: 1.128 ng/ul m

RT: 17.005 min Scan# 3061

Delta R.T. -0.042 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

Instrument :

BNA_M

ClientSampleId :

E1CY5

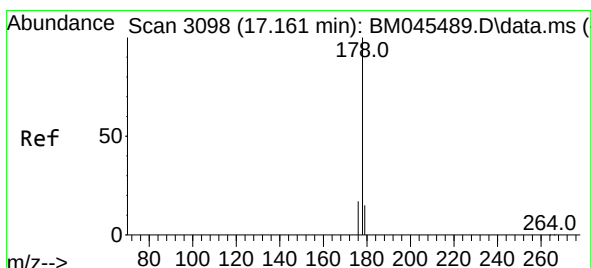
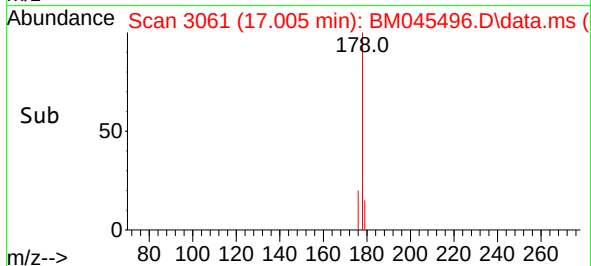
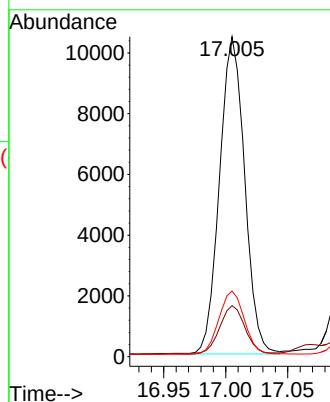
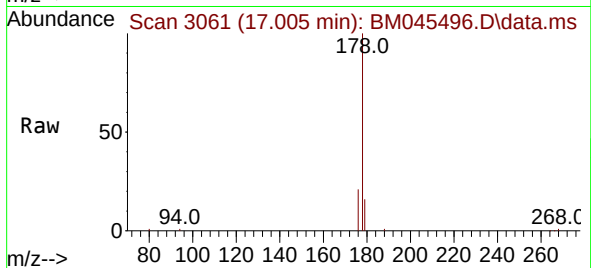
Tgt Ion:178	Resp:	1471
Ion Ratio	Lower	Upper
178	100	
179	16.0	15.4 23.2
176	20.5	19.0 28.4

Manual Integrations

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Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#16

Anthracene

Concen: 0.370 ng/ul m

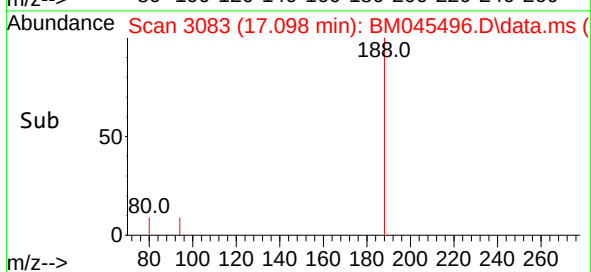
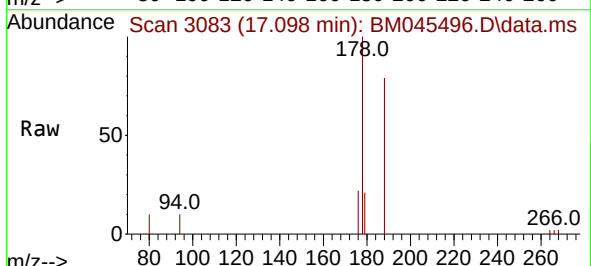
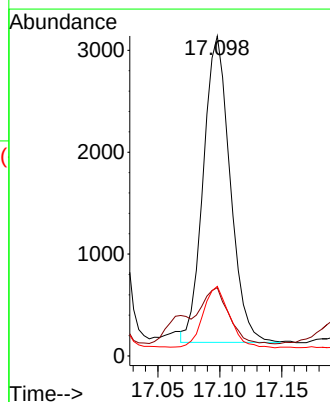
RT: 17.098 min Scan# 3083

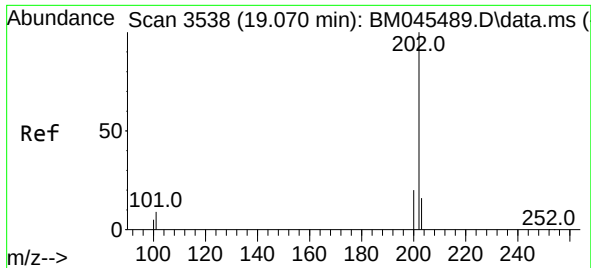
Delta R.T. -0.063 min

Lab File: BM045496.D

Acq: 23 Apr 2024 01:28

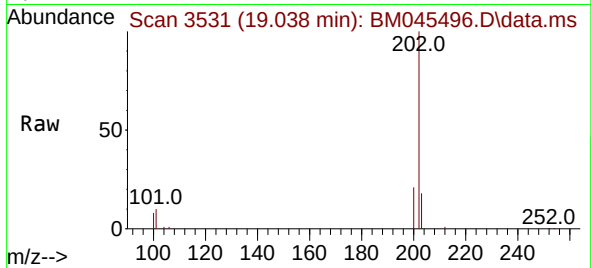
Tgt Ion:178	Resp:	4515
Ion Ratio	Lower	Upper
178	100	
179	21.4	17.8 26.6
176	21.8	18.7 28.1





#19
Fluoranthene
Concen: 1.444 ng/ul
RT: 19.038 min Scan# 3095
Delta R.T. -0.032 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

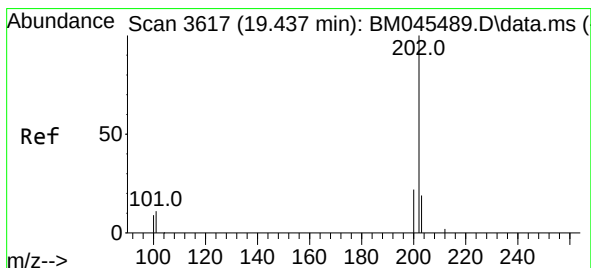
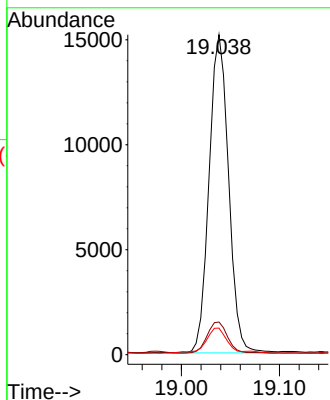
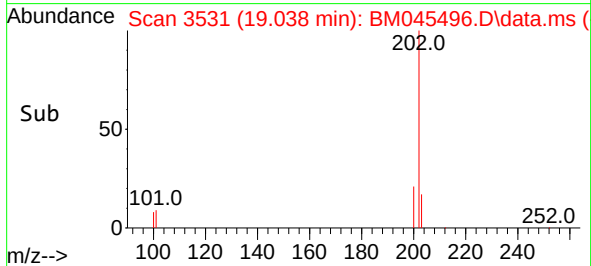
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:202 Resp: 20950
Ion Ratio Lower Upper
202 100
101 10.2 11.2 16.8
100 8.3 9.1 13.7

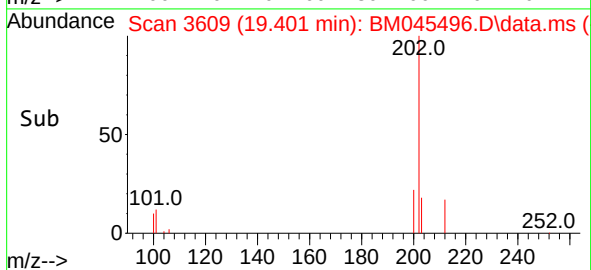
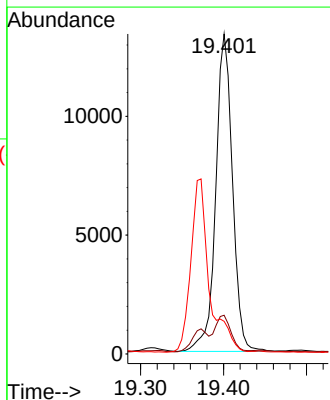
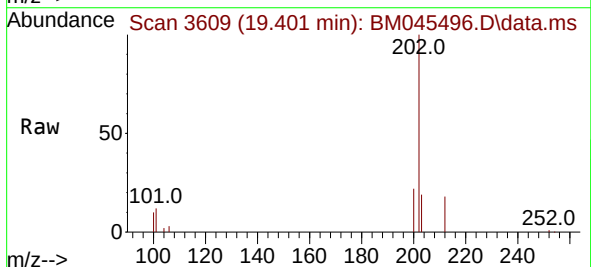
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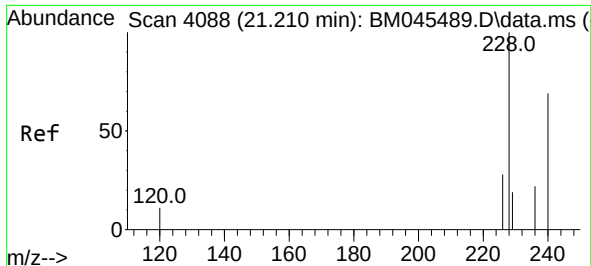
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 1.249 ng/ul
RT: 19.401 min Scan# 3609
Delta R.T. -0.037 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

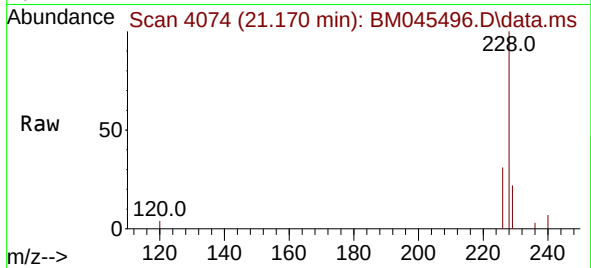
Tgt Ion:202 Resp: 18628
Ion Ratio Lower Upper
202 100
101 12.1 11.5 17.3
100 10.2 10.6 15.8





#21
Benzo(a)anthracene
Concen: 1.239 ng/ul
RT: 21.170 min Scan# 4074
Delta R.T. -0.040 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

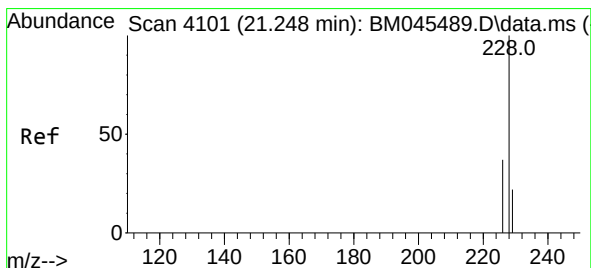
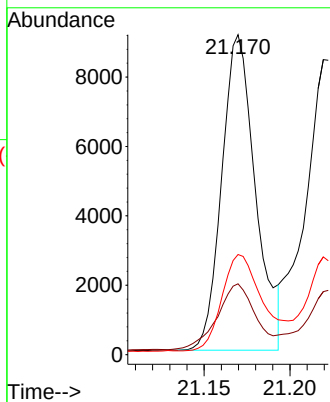
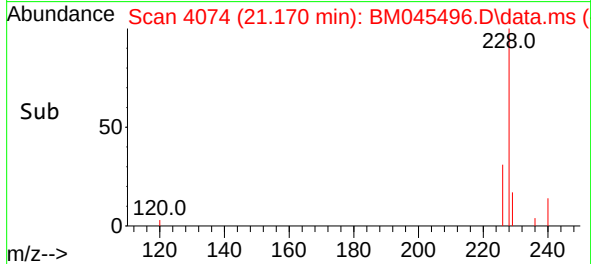
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:228 Resp: 12448
Ion Ratio Lower Upper
228 100
229 22.2 19.4 29.2
226 31.3 26.3 39.5

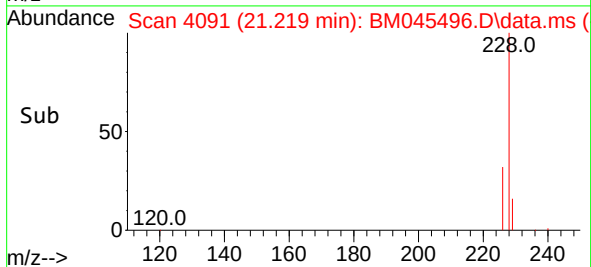
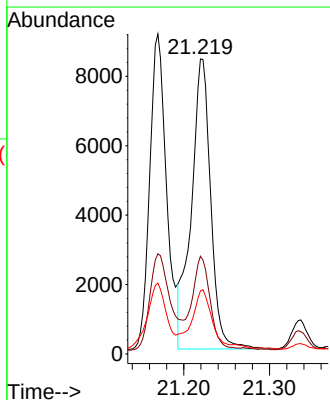
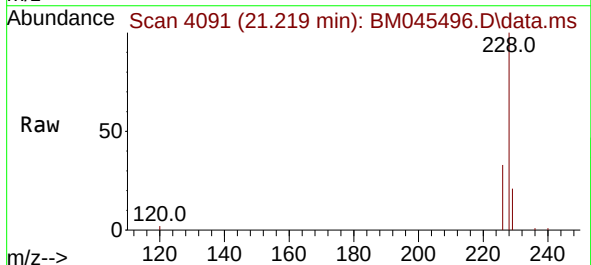
Manual Integrations
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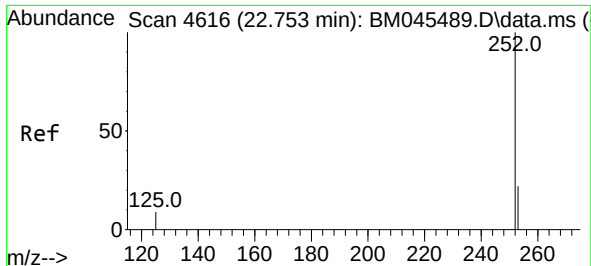
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#22
Chrysene
Concen: 0.853 ng/ul
RT: 21.219 min Scan# 4091
Delta R.T. -0.029 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

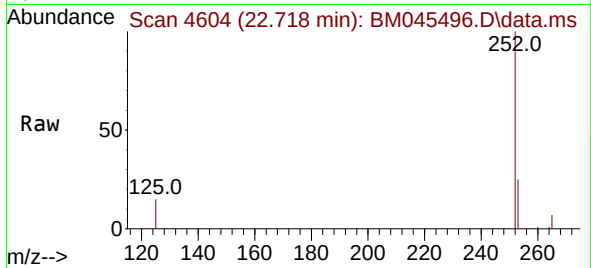
Tgt Ion:228 Resp: 13181
Ion Ratio Lower Upper
228 100
226 33.1 26.3 39.5
229 21.4 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 2.458 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.035 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

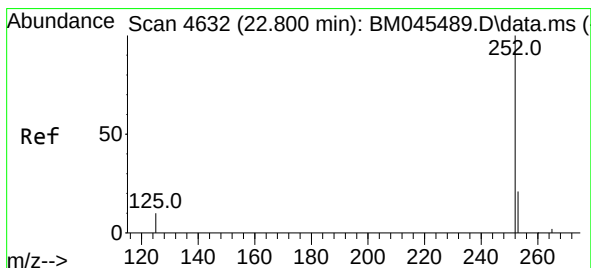
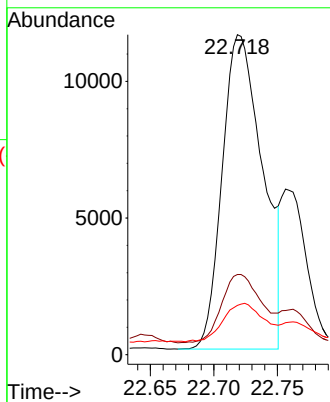
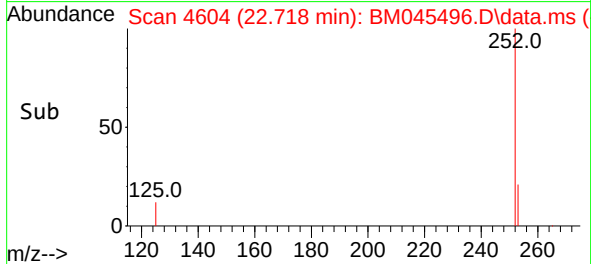
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:252 Resp: 25509
Ion Ratio Lower Upper
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253 25.0 0.0 63.4
125 15.4 0.0 36.8

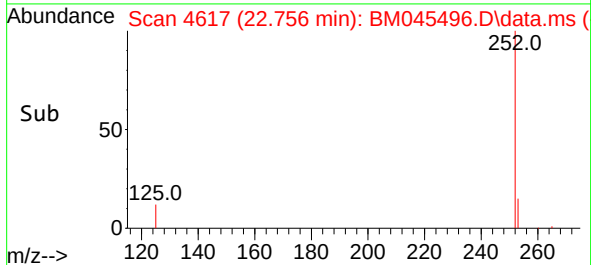
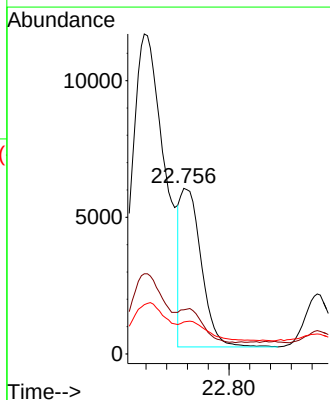
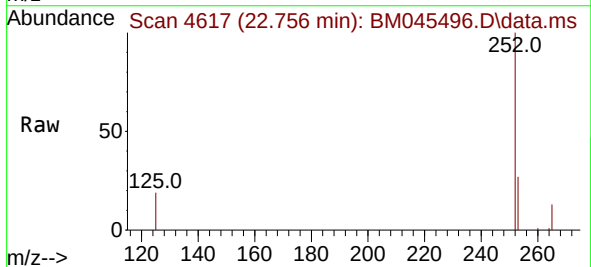
Manual Integrations
APPROVED

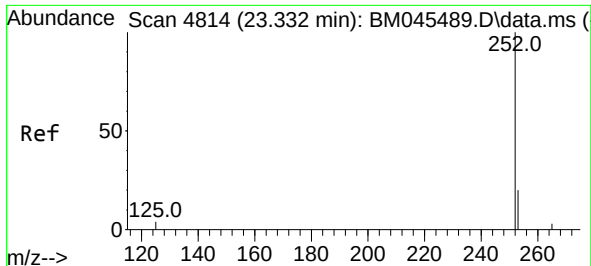
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.626 ng/ul m
RT: 22.756 min Scan# 4617
Delta R.T. -0.043 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

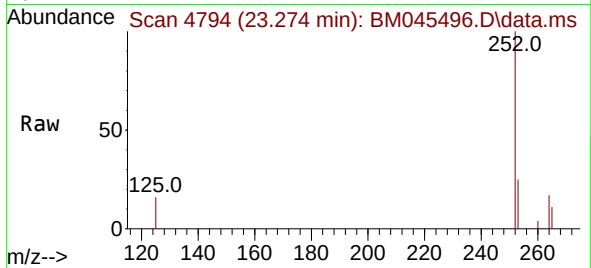
Tgt Ion:252 Resp: 8207
Ion Ratio Lower Upper
252 100
253 26.6 25.4 38.0
125 19.3 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.676 ng/ul m
RT: 23.274 min Scan# 4794
Delta R.T. -0.058 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

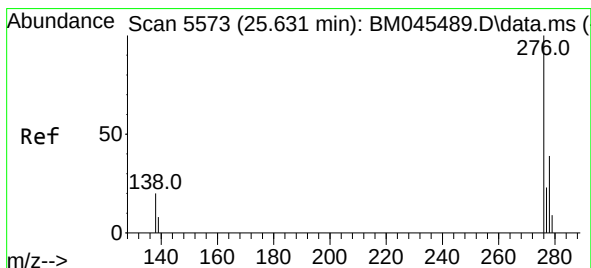
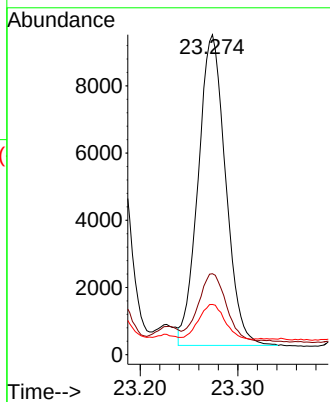
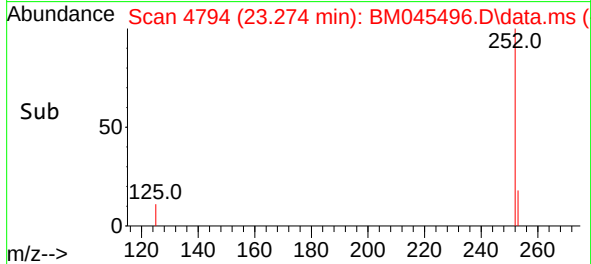
Instrument :
BNA_M
ClientSampleId :
E1CY5



Tgt Ion:252 Resp: 1804
Ion Ratio Lower Upper
252 100
253 25.3 31.6 47.4
125 15.7 19.5 29.3

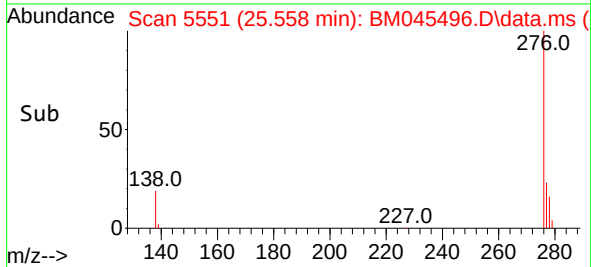
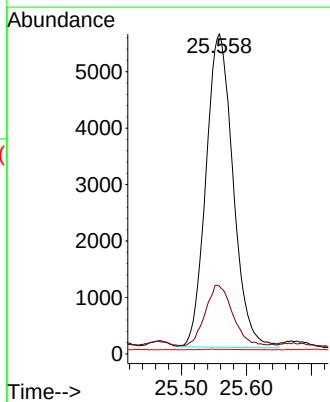
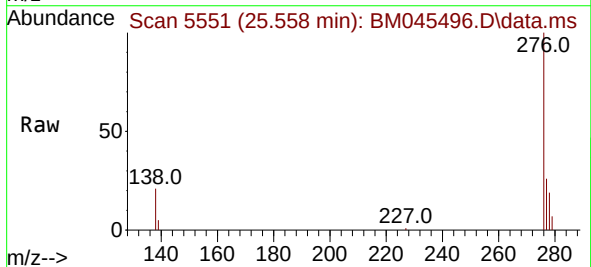
Manual Integrations
APPROVED

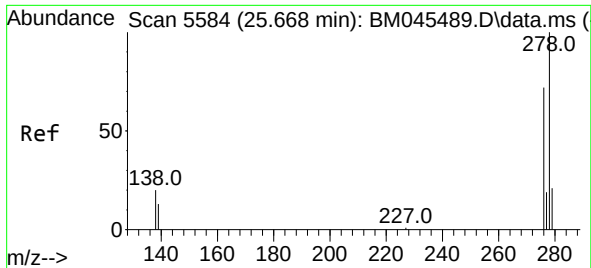
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.029 ng/ul
RT: 25.558 min Scan# 5551
Delta R.T. -0.073 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

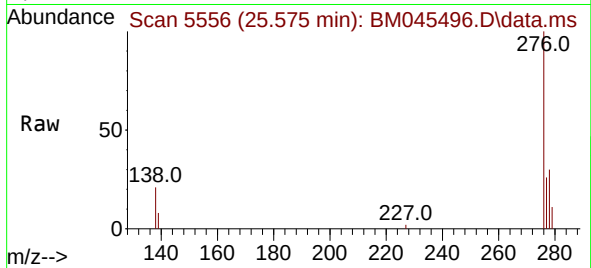
Tgt Ion:276 Resp: 16091
Ion Ratio Lower Upper
276 100
138 19.9 19.8 29.6
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.300 ng/ul
RT: 25.575 min Scan# 51
Delta R.T. -0.093 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28

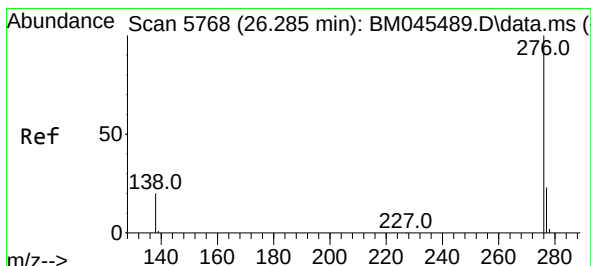
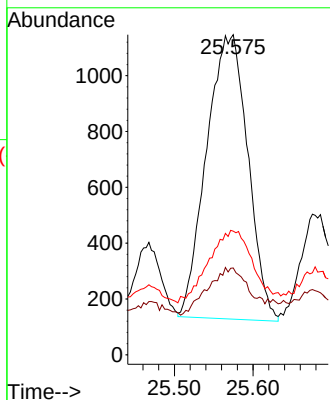
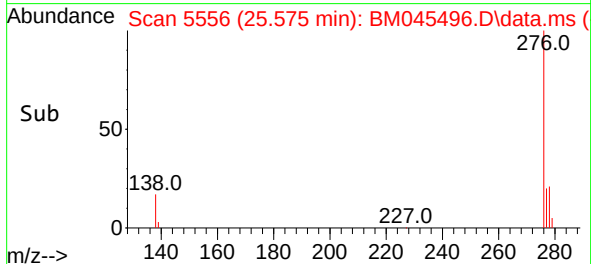
Instrument :
BNA_M
ClientSampleId :
E1CY5



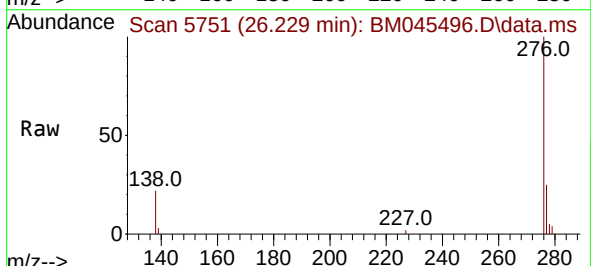
Tgt Ion: 278 Resp: 3720
Ion Ratio Lower Upper
278 100
139 27.1 19.0 28.6
279 38.6 29.4 44.2

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 04/24/2024
Supervised By : mohammad ahmed 04/26/2024



#29
Benzo(g,h,i)perylene
Concen: 1.012 ng/ul
RT: 26.229 min Scan# 5751
Delta R.T. -0.057 min
Lab File: BM045496.D
Acq: 23 Apr 2024 01:28



Tgt Ion: 276 Resp: 14220
Ion Ratio Lower Upper
276 100
138 21.6 20.8 31.2
277 25.2 21.8 32.8

