

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
 Data File : BM045502.D
 Acq On : 23 Apr 2024 05:06
 Operator : MA/JU
 Sample : PB160252BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS252

Manual Integrations
 APPROVED

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

Quant Time: Apr 23 08:33:34 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	7.572	152	1012	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.342	136	3552	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.214	164	2079	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	4438	0.400	ng/ul	-0.02
17) Chrysene-d12	21.202	240	3434	0.400	ng/ul	#-0.01
23) Perylene-d12	23.391	264	3943	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	937	0.691	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	1747	0.373	ng/ul	-0.03
18) Fluoranthene-d10	19.024	212	4019	0.372	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.197	88	2625m	2.012	ng/ul	
5) Naphthalene	10.391	128	3415	0.358	ng/ul	97
7) 2-Methylnaphthalene	12.024	142	2097	0.385	ng/ul	96
8) 1-Methylnaphthalene	12.233	142	2261	0.370	ng/ul	99
10) Acenaphthylene	13.937	152	3880	0.378	ng/ul	96
11) Acenaphthene	14.274	153	2740	0.360	ng/ul	97
12) Fluorene	15.288	166	3042	0.374	ng/ul	99
14) Pentachlorophenol	16.655	266	813	0.919	ng/ul	93
15) Phenanthrene	17.026	178	4657	0.360	ng/ul	98
16) Anthracene	17.132	178	4665	0.386	ng/ul	100
19) Fluoranthene	19.057	202	5933	0.374	ng/ul	96
20) Pyrene	19.419	202	6448	0.396	ng/ul	97
21) Benzo(a)anthracene	21.190	228	4601	0.419	ng/ul#	85
22) Chrysene	21.237	228	5795	0.343	ng/ul#	83
24) Benzo(b)fluoranthene	22.736	252	5154	0.389	ng/ul#	1
25) Benzo(k)fluoranthene	22.783	252	6046	0.361	ng/ul#	1
26) Benzo(a)pyrene	23.303	252	5074	0.369	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.588	276	7090	0.355	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.605	278	5653	0.357	ng/ul#	1
29) Benzo(g,h,i)perylene	26.249	276	5843	0.325	ng/ul#	33

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

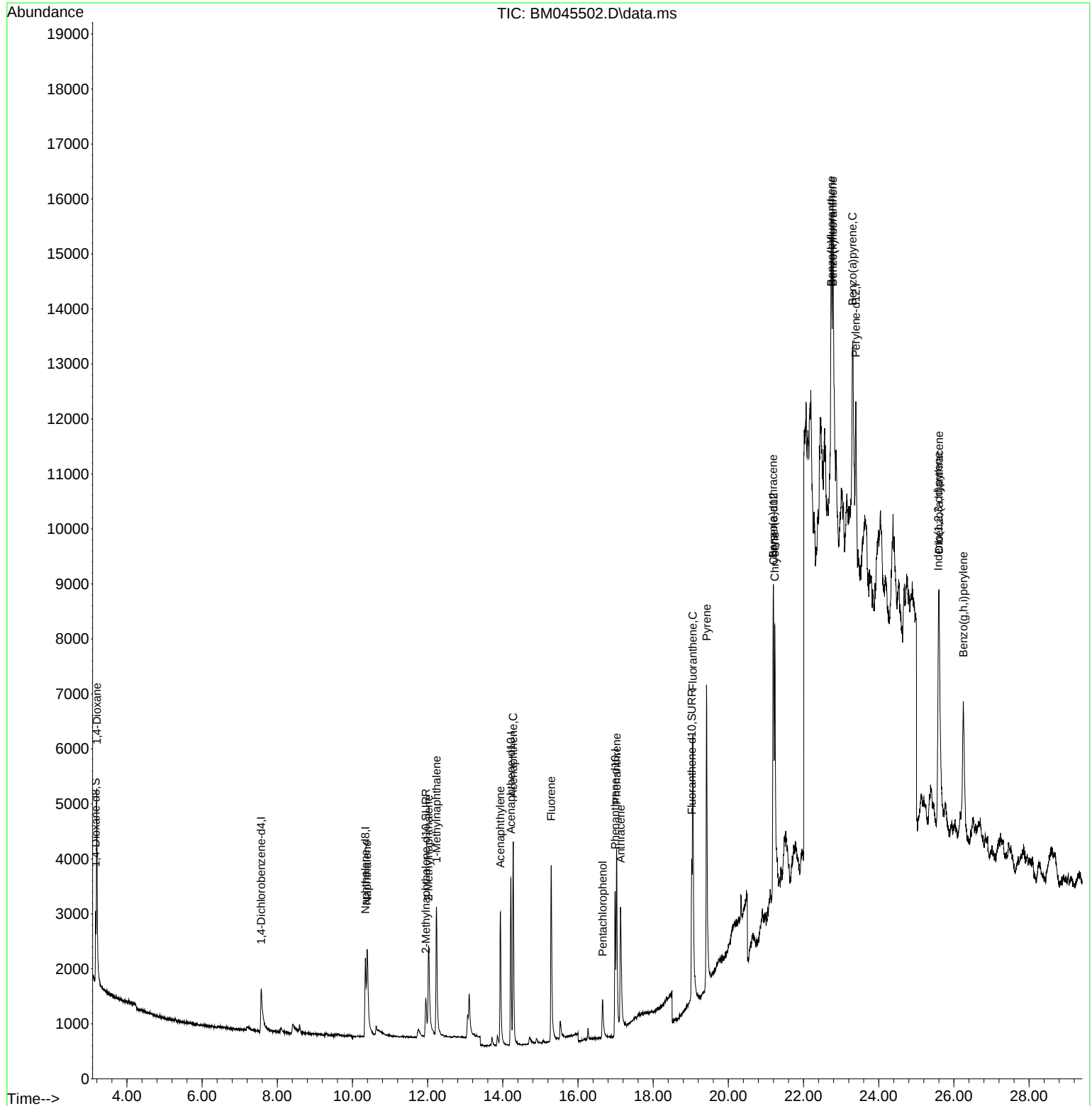
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042224\
Data File : BM045502.D
Acq On : 23 Apr 2024 05:06
Operator : MA/JU
Sample : PB160252BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

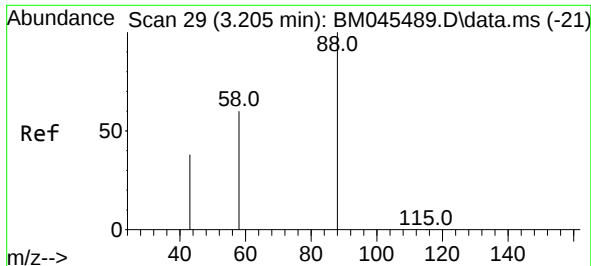
Instrument :
BNA_M
ClientSampleId :
SLCS252

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

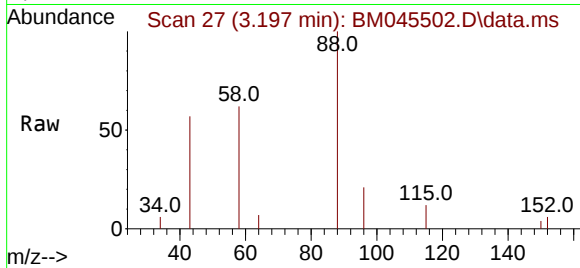
Quant Time: Apr 23 08:33:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 02:57:45 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 2.012 ng/ul m
RT: 3.197 min Scan# 21
Delta R.T. -0.008 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

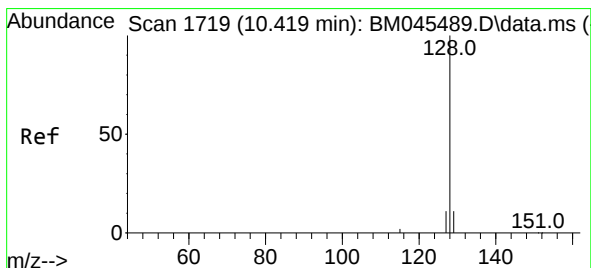
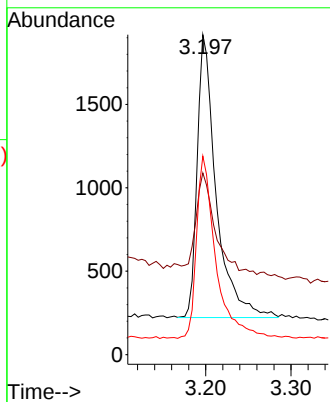
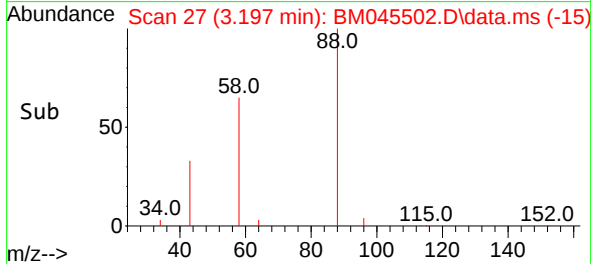
Instrument :
BNA_M
ClientSampleId :
SLCS252



Tgt Ion: 88 Resp: 262
Ion Ratio Lower Upper
88 100
43 56.8 36.8 55.2
58 62.0 35.4 53.2

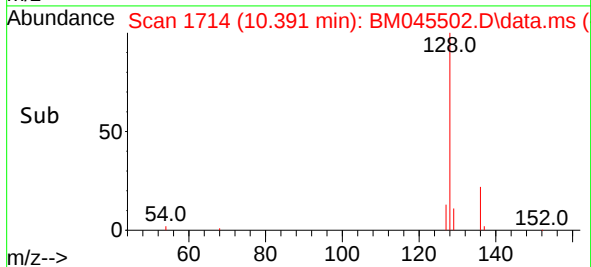
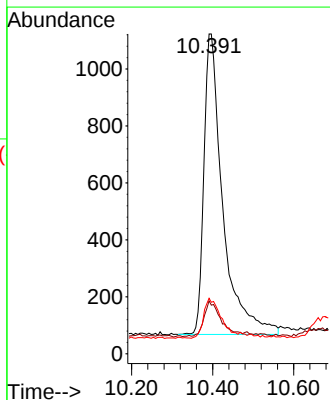
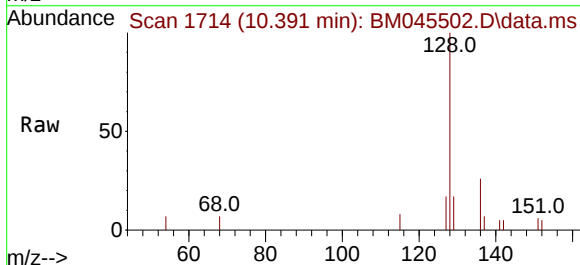
Manual Integrations
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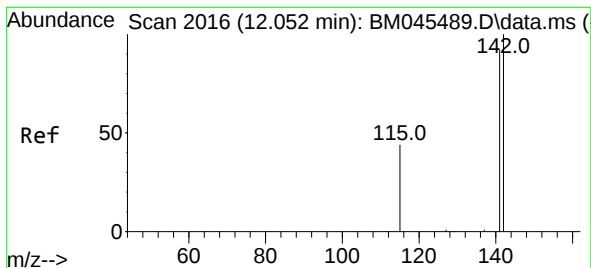
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#5
Naphthalene
Concen: 0.358 ng/ul
RT: 10.391 min Scan# 1714
Delta R.T. -0.027 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

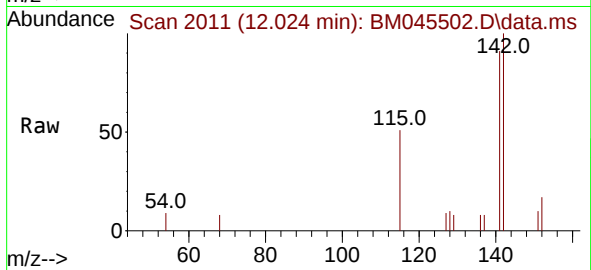
Tgt Ion:128 Resp: 3415
Ion Ratio Lower Upper
128 100
129 16.6 14.0 21.0
127 17.4 15.4 23.2





#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 12.024 min Scan# 2011
Delta R.T. -0.027 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

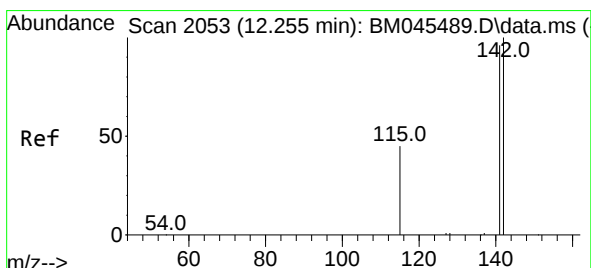
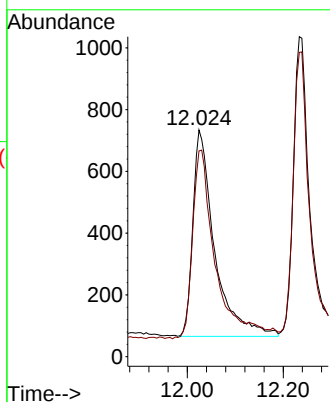
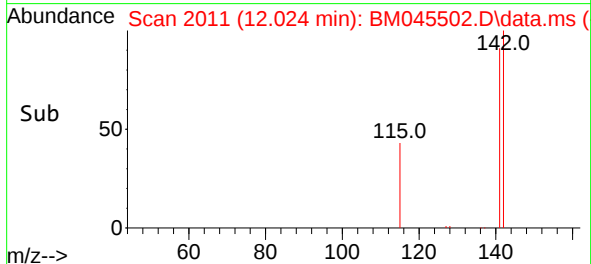
Instrument :
BNA_M
ClientSampleId :
SLCS252



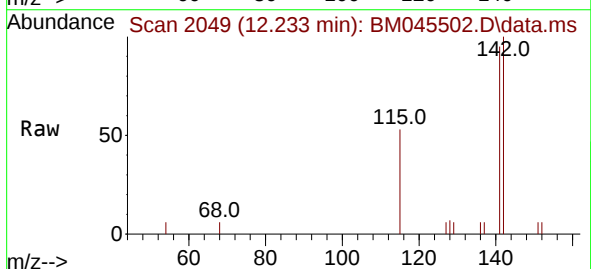
Tgt Ion:142 Resp: 209
Ion Ratio Lower Upper
142 100
141 97.0 74.6 111.8

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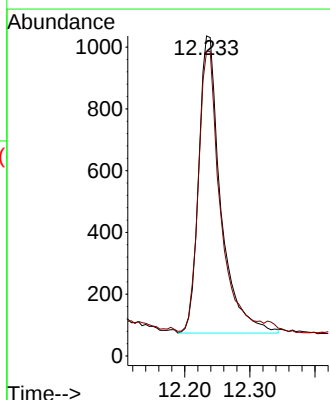
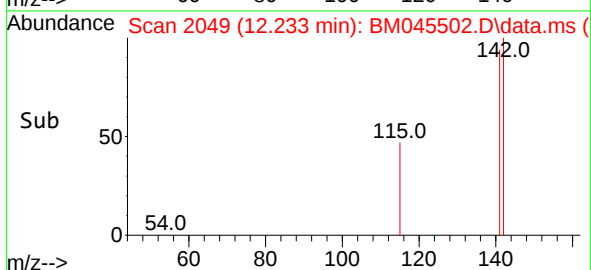
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

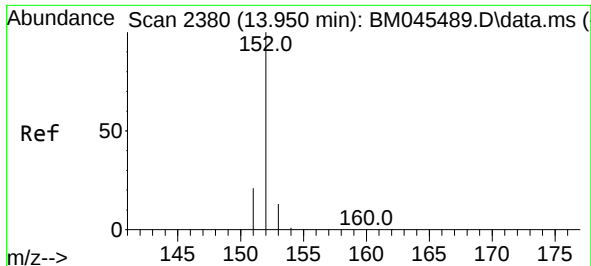


#8
1-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.233 min Scan# 2049
Delta R.T. -0.022 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06



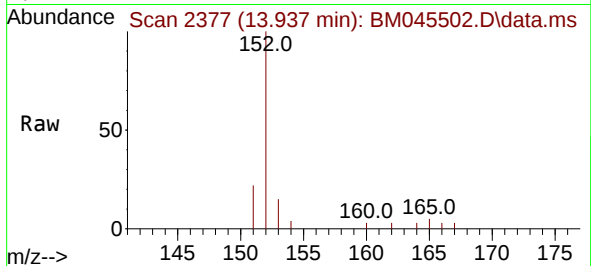
Tgt Ion:142 Resp: 2261
Ion Ratio Lower Upper
142 100
141 94.5 76.1 114.1





#10
Acenaphthylene
Concen: 0.378 ng/ul
RT: 13.937 min Scan# 21
Delta R.T. -0.014 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

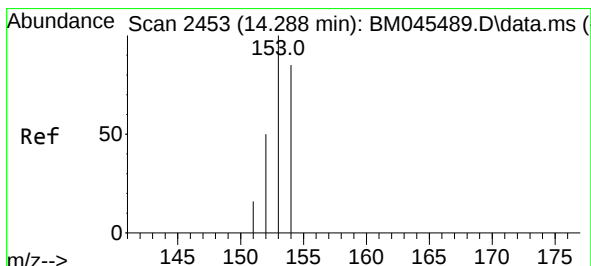
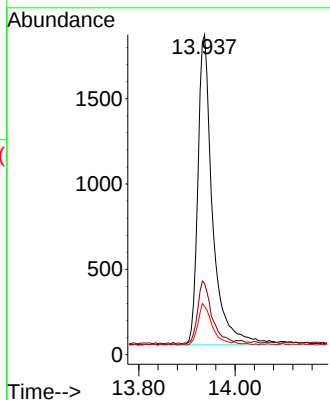
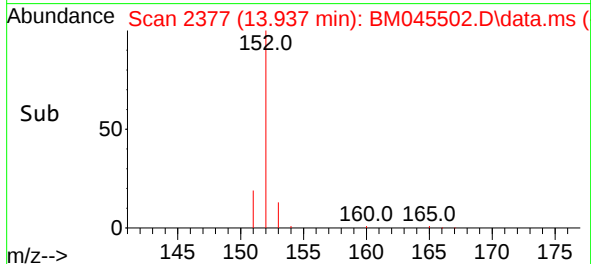
Instrument :
BNA_M
ClientSampleId :
SLCS252



Tgt Ion:152 Resp: 3880
Ion Ratio Lower Upper
152 100
151 22.2 18.6 28.0
153 15.1 14.1 21.1

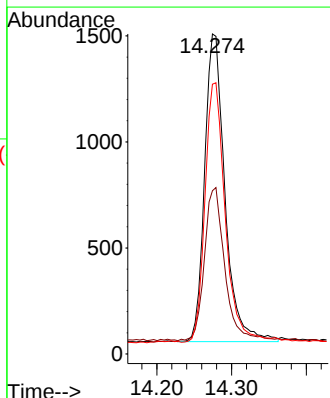
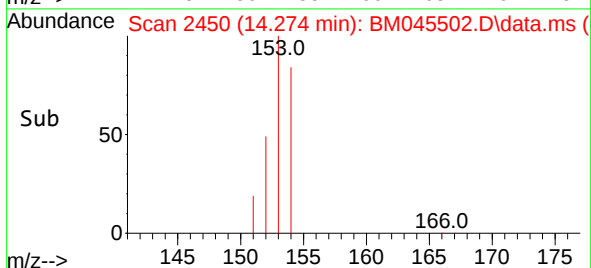
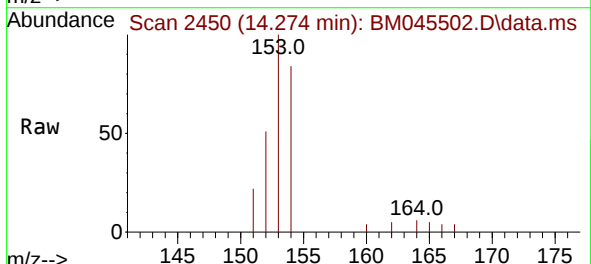
Manual Integrations
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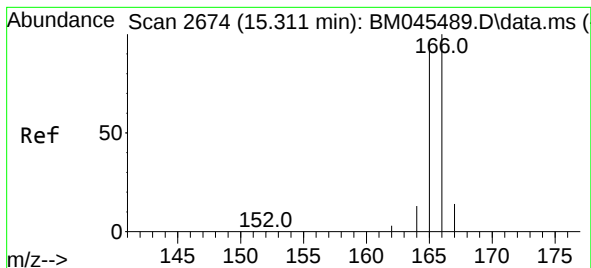
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#11
Acenaphthene
Concen: 0.360 ng/ul
RT: 14.274 min Scan# 2450
Delta R.T. -0.014 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:153 Resp: 2740
Ion Ratio Lower Upper
153 100
152 51.0 43.4 65.2
154 84.3 69.0 103.6





#12

Fluorene

Concen: 0.374 ng/ul

RT: 15.288 min Scan# 2669

Delta R.T. -0.023 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06

Instrument :

BNA_M

ClientSampleId :

SLCS252

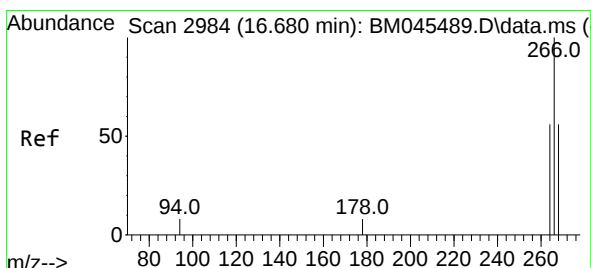
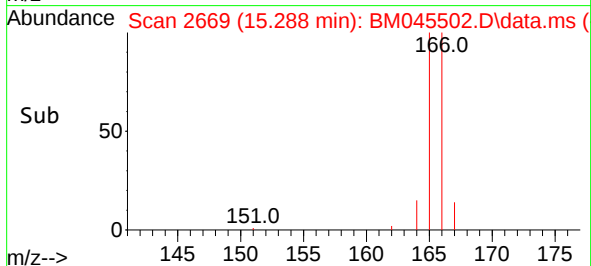
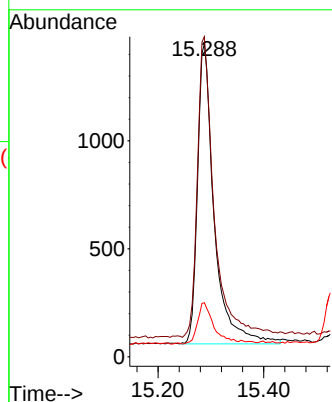
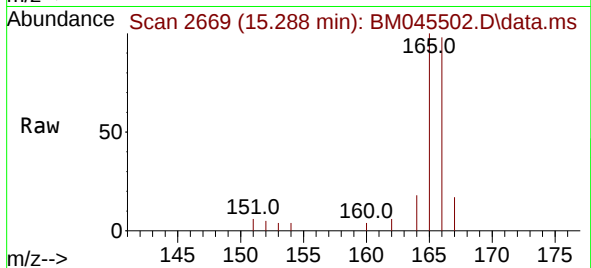
Tgt Ion:166	Resp:	304
Ion Ratio	Lower	Upper
166	100	
165	102.3	82.2 123.2
167	17.3	14.8 22.2

Manual Integrations

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Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#14

Pentachlorophenol

Concen: 0.919 ng/ul

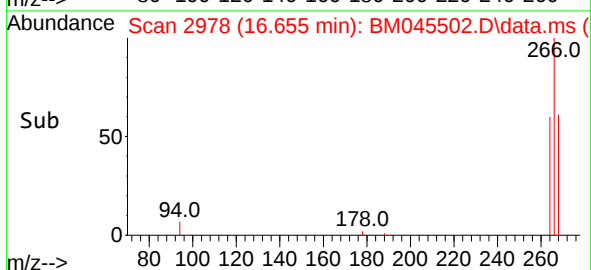
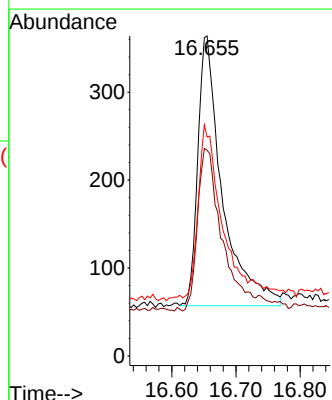
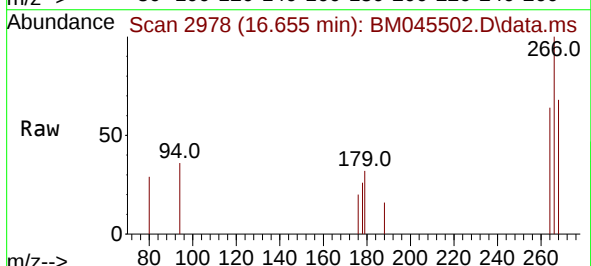
RT: 16.655 min Scan# 2978

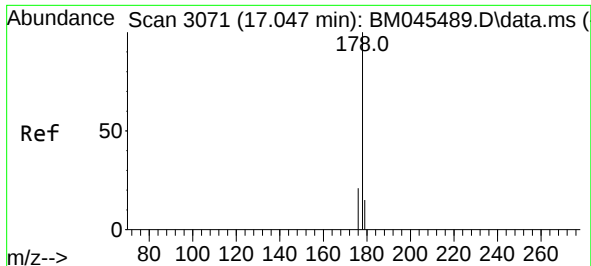
Delta R.T. -0.025 min

Lab File: BM045502.D

Acq: 23 Apr 2024 05:06

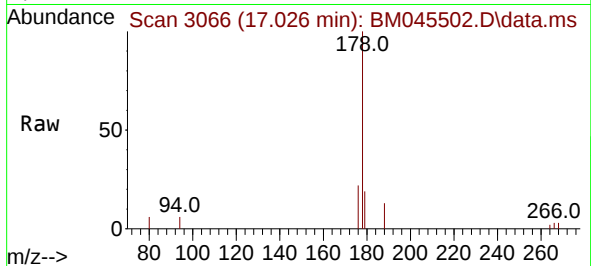
Tgt Ion:266	Resp:	813
Ion Ratio	Lower	Upper
266	100	
264	64.5	45.5 68.3
268	66.5	56.1 84.1





#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.026 min Scan# 3066
Delta R.T. -0.021 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

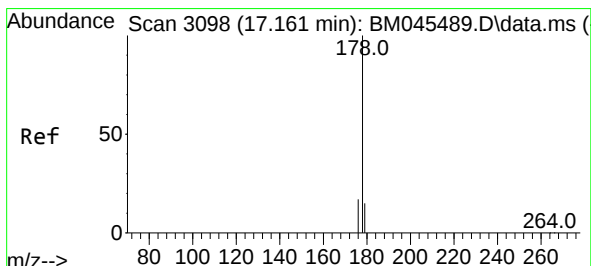
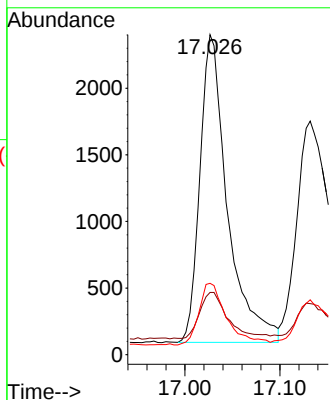
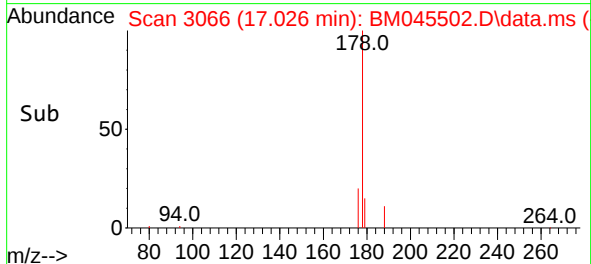
Instrument :
BNA_M
ClientSampleId :
SLCS252



Tgt Ion:178 Resp: 465
Ion Ratio Lower Upper
178 100
179 19.4 15.4 23.2
176 22.3 19.0 28.4

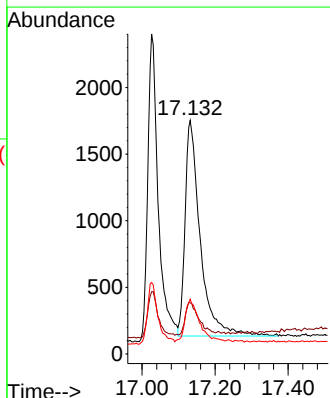
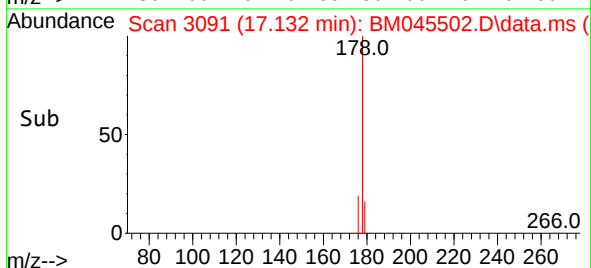
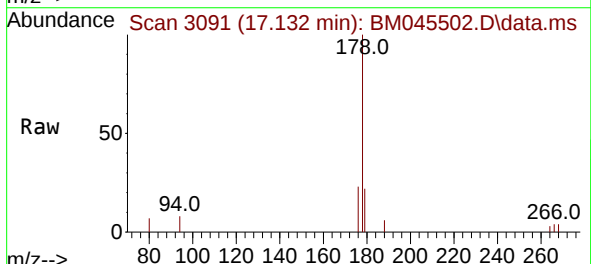
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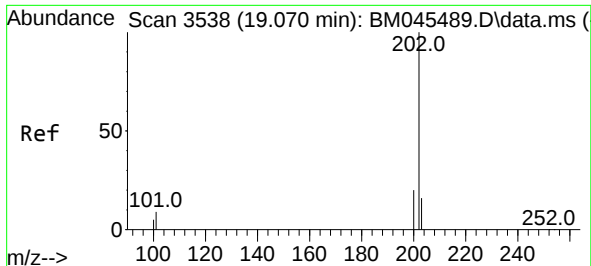
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.132 min Scan# 3091
Delta R.T. -0.029 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

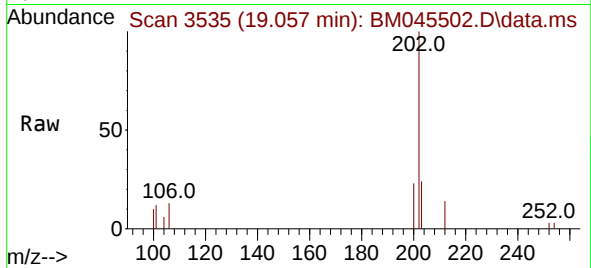
Tgt Ion:178 Resp: 4665
Ion Ratio Lower Upper
178 100
179 21.8 17.8 26.6
176 23.5 18.7 28.1





#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.057 min Scan# 3538
Delta R.T. -0.013 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

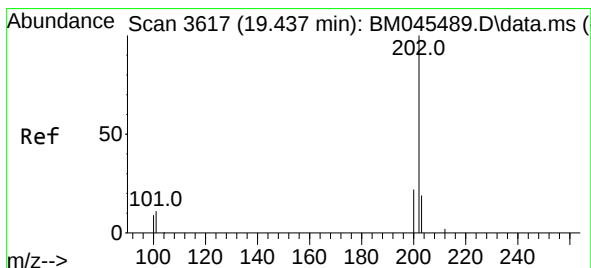
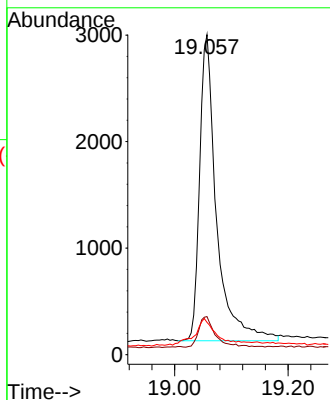
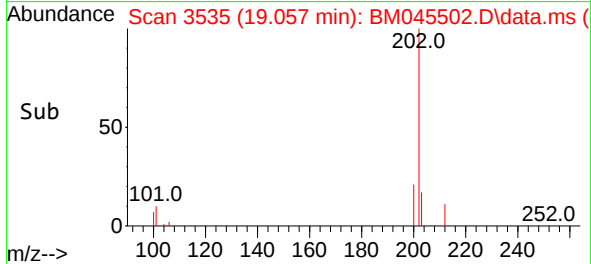
Instrument :
BNA_M
ClientSampleId :
SLCS252



Tgt Ion:202 Resp: 5938
Ion Ratio Lower Upper
202 100
101 11.9 11.2 16.8
100 10.1 9.1 13.7

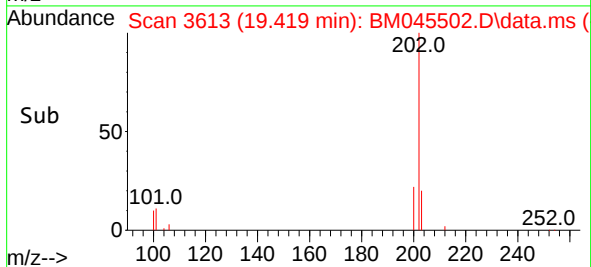
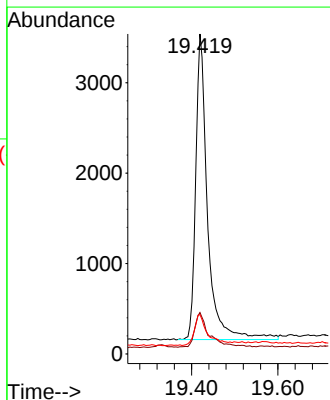
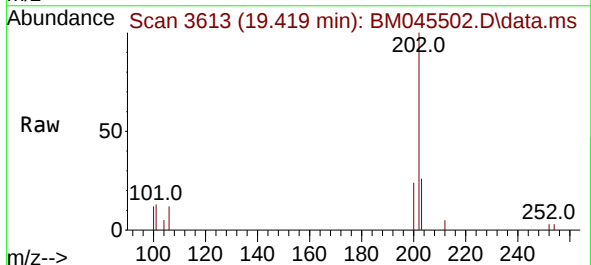
Manual Integrations
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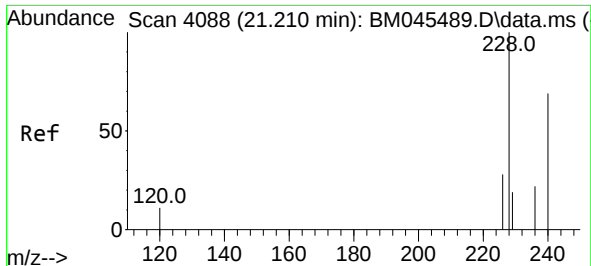
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.419 min Scan# 3613
Delta R.T. -0.018 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

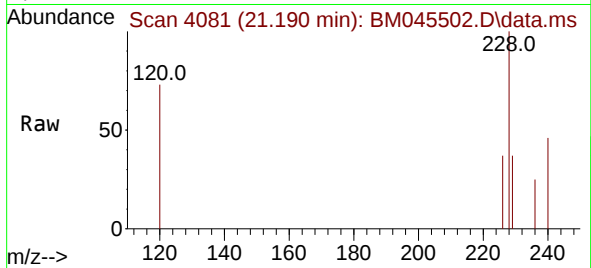
Tgt Ion:202 Resp: 6448
Ion Ratio Lower Upper
202 100
101 12.9 11.5 17.3
100 12.3 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.190 min Scan# 4081
Delta R.T. -0.020 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

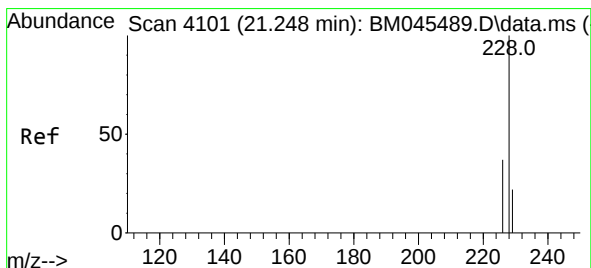
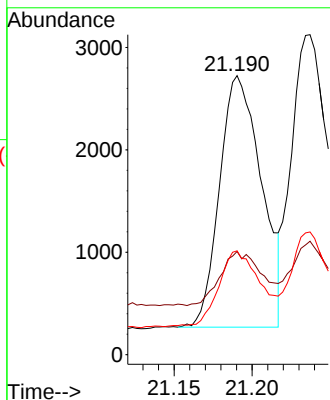
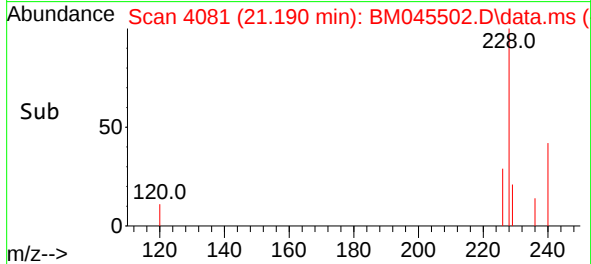
Instrument :
BNA_M
ClientSampleId :
SLCS252



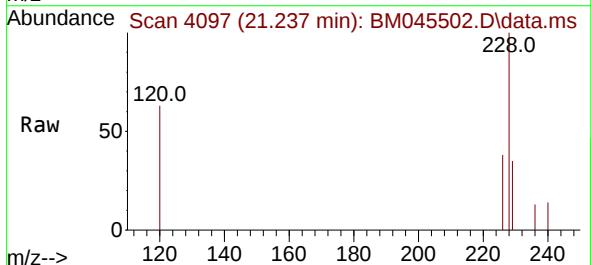
Tgt Ion:228 Resp: 460
Ion Ratio Lower Upper
228 100
229 37.0 19.4 29.2
226 37.2 26.3 39.5

Manual Integrations
APPROVED

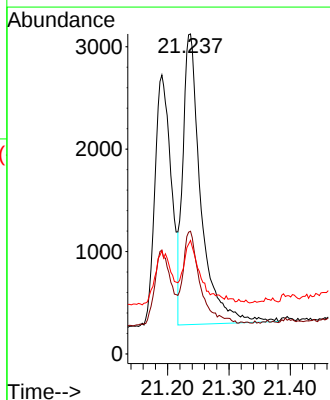
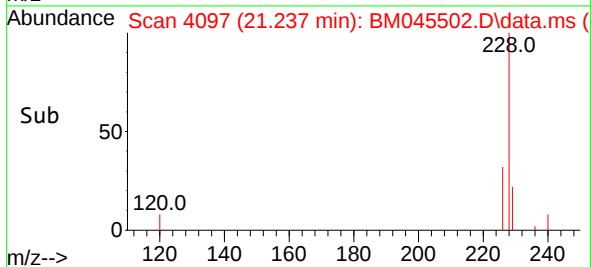
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024

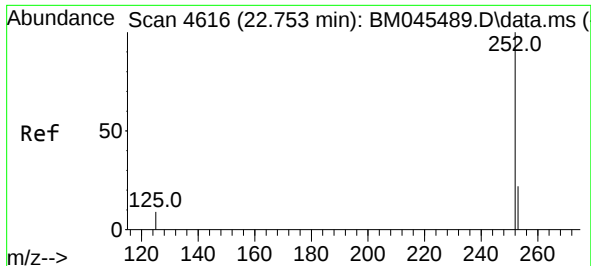


#22
Chrysene
Concen: 0.343 ng/ul
RT: 21.237 min Scan# 4097
Delta R.T. -0.011 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06



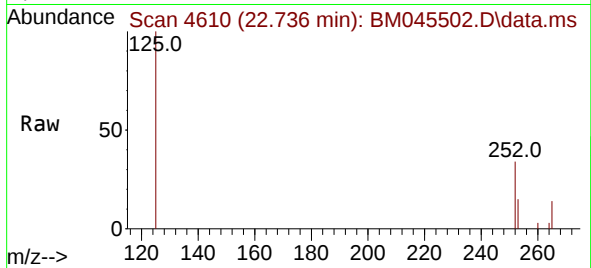
Tgt Ion:228 Resp: 5795
Ion Ratio Lower Upper
228 100
226 38.3 26.3 39.5
229 35.4 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.736 min Scan# 4610
Delta R.T. -0.017 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

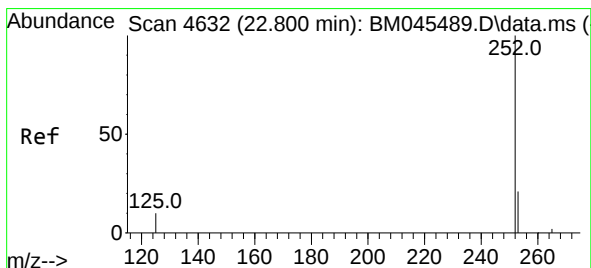
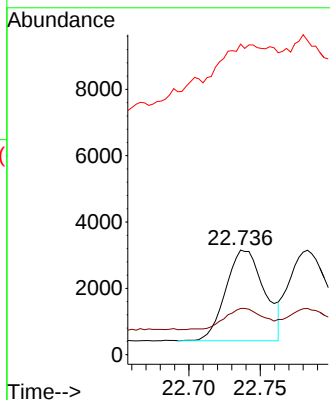
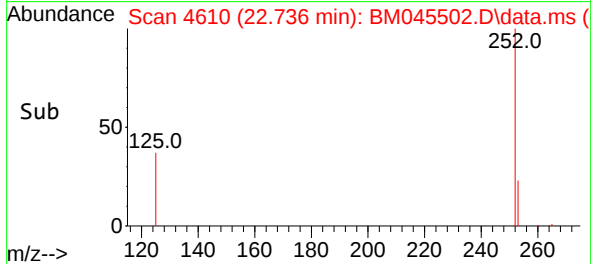
Instrument :
BNA_M
ClientSampleId :
SLCS252



Tgt Ion:252 Resp: 5154
Ion Ratio Lower Upper
252 100
253 44.2 0.0 63.4
125 297.0 0.0 36.8

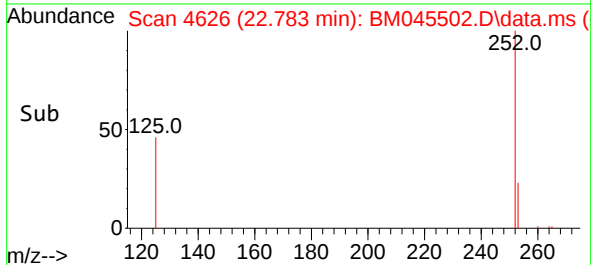
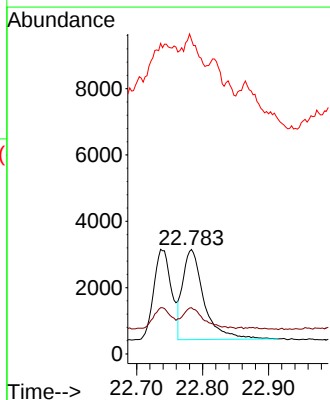
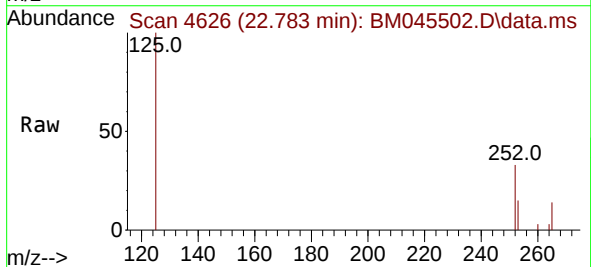
Manual Integrations
APPROVED

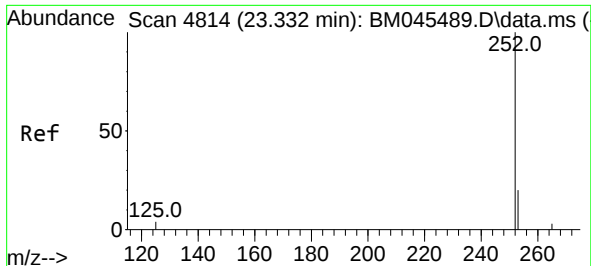
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#25
Benzo(k)fluoranthene
Concen: 0.361 ng/ul
RT: 22.783 min Scan# 4626
Delta R.T. -0.017 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

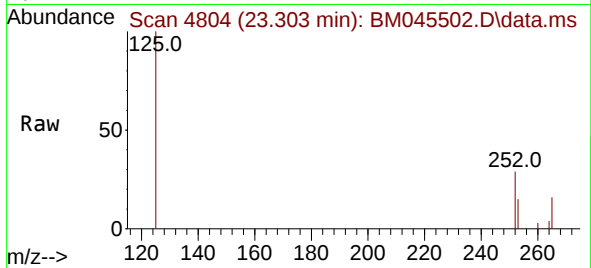
Tgt Ion:252 Resp: 6046
Ion Ratio Lower Upper
252 100
253 44.2 25.4 38.0#
125 300.9 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.303 min Scan# 4804
Delta R.T. -0.029 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

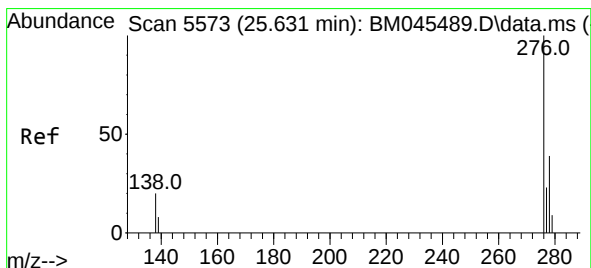
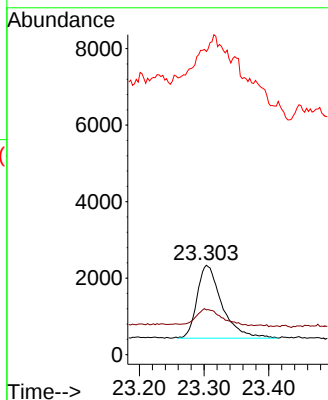
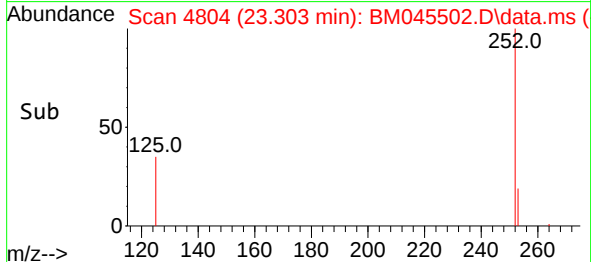
Instrument :
BNA_M
ClientSampleId :
SLCS252



Tgt Ion:252 Resp: 5074
Ion Ratio Lower Upper
252 100
253 50.2 31.6 47.4
125 339.1 19.5 29.3

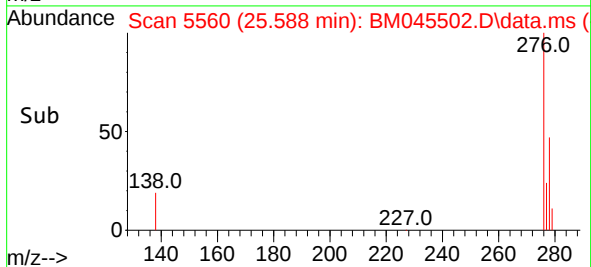
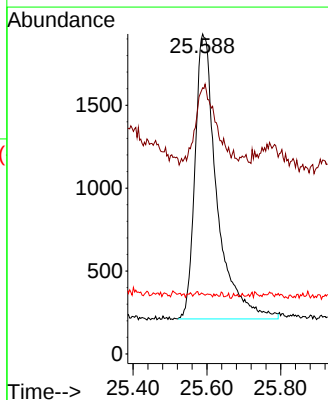
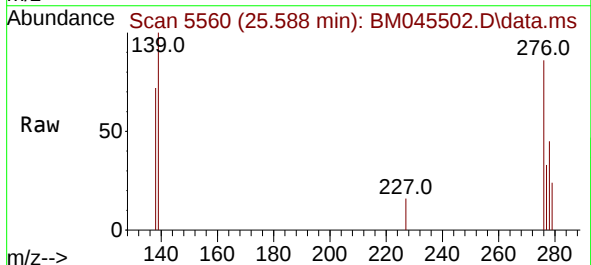
Manual Integrations
APPROVED

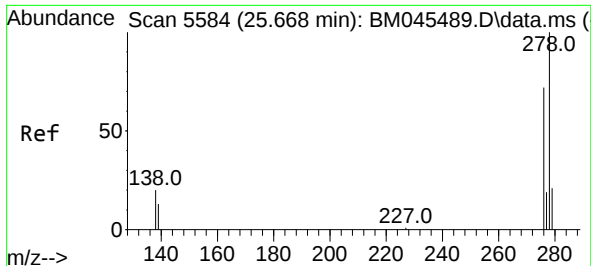
Reviewed By :Yogesh Patel 04/24/2024
Supervised By :mohammad ahmed 04/26/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 25.588 min Scan# 5560
Delta R.T. -0.043 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Tgt Ion:276 Resp: 7090
Ion Ratio Lower Upper
276 100
138 25.8 19.8 29.6
227 0.1 0.2 0.2





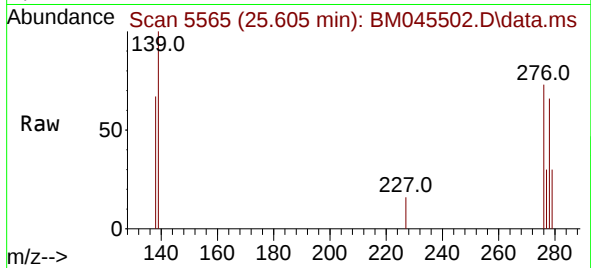
#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.605 min Scan# 51
Delta R.T. -0.063 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06

Instrument :

BNA_M

ClientSampleId :

SLCS252



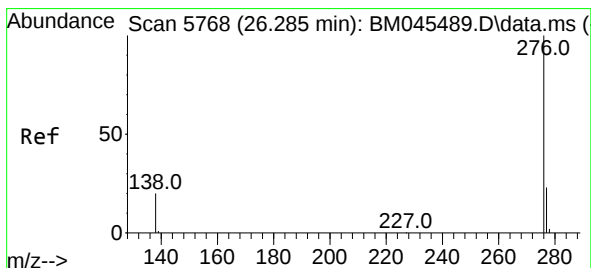
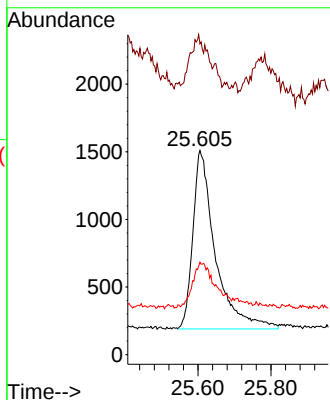
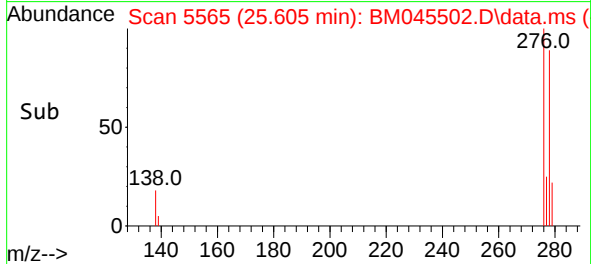
Tgt Ion:278 Resp: 565
Ion Ratio Lower Upper
278 100
139 152.4 19.0 28.6
279 45.3 29.4 44.2

Manual Integrations

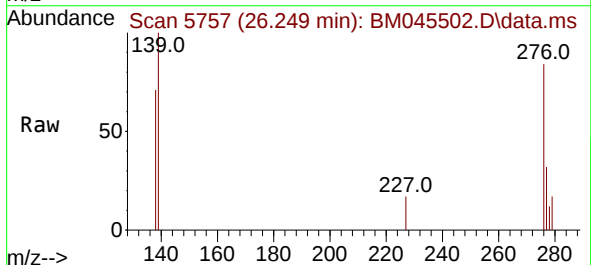
APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/26/2024



#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.249 min Scan# 5757
Delta R.T. -0.036 min
Lab File: BM045502.D
Acq: 23 Apr 2024 05:06



Tgt Ion:276 Resp: 5843
Ion Ratio Lower Upper
276 100
138 85.0 20.8 31.2#
277 37.7 21.8 32.8#

