

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046132.D
 Acq On : 20 Jun 2024 20:37
 Operator : MA/JU
 Sample : P2710-23MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B87MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 02:48:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 18 13:58:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.438	152	2512	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.215	136	7176	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.075	164	4082	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.811	188	8719	0.400	ng/ul	-0.05
17) Chrysene-d12	21.009	240	7412	0.400	ng/ul	-0.04
23) Perylene-d12	23.104	264	10587	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	1587	0.460	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	2742	0.285	ng/ul	-0.05
18) Fluoranthene-d10	18.843	212	7421	0.334	ng/ul	-0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.067	88	4219	1.091	ng/ul	86
5) Naphthalene	10.259	128	22872	1.143	ng/ul	94
7) 2-Methylnaphthalene	11.887	142	10255	0.910	ng/ul	98
8) 1-Methylnaphthalene	12.101	142	9831	0.795	ng/ul	99
10) Acenaphthylene	13.793	152	37200	1.921	ng/ul	97
11) Acenaphthene	14.135	153	35209	2.519	ng/ul	98
12) Fluorene	15.130	166	44598	2.974	ng/ul	99
14) Pentachlorophenol	16.494	266	1140	0.436	ng/ul	99
15) Phenanthrene	16.853	178	737934	30.124	ng/ul	95
16) Anthracene	16.946	178	145277	7.963	ng/ul	95
19) Fluoranthene	18.875	202	1213150	37.801	ng/ul	97
20) Pyrene	19.238	202	853645	24.596	ng/ul	96
21) Benzo(a)anthracene	20.994	228	563158	19.670	ng/ul	99
22) Chrysene	21.047	228	550445	15.065	ng/ul	98
24) Benzo(b)fluoranthene	22.490	252	723660m	18.972	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	307273m	6.776	ng/ul	
26) Benzo(a)pyrene	23.016	252	288224m	8.155	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.149	276	268556	4.643	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.155	278	102230	2.374	ng/ul	92
29) Benzo(g,h,i)perylene	25.776	276	38049	0.767	ng/ul	97

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

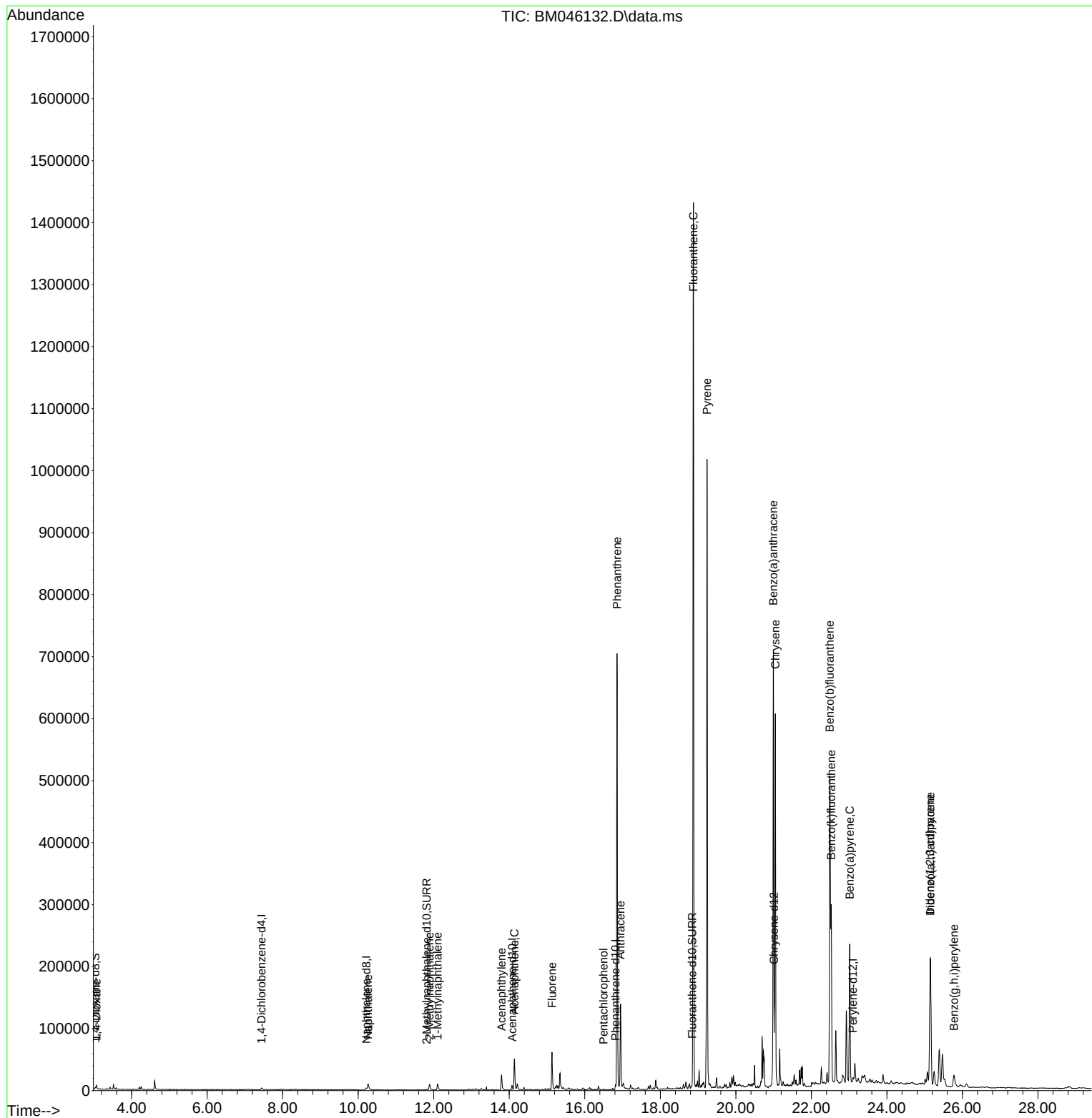
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046132.D
Acq On : 20 Jun 2024 20:37
Operator : MA/JU
Sample : P2710-23MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

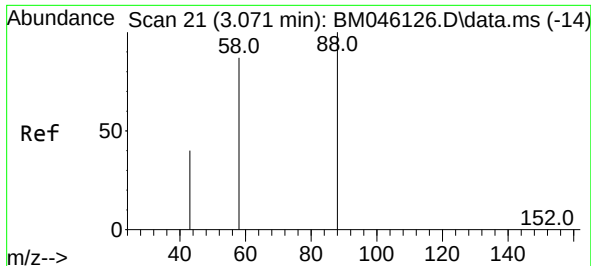
Instrument :
BNA_M
ClientSampleId :
A4B87MSD

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Supervised By :mohammad ahmed 06/24/2024

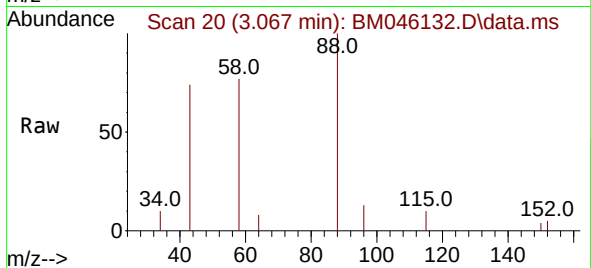
Quant Time: Jun 21 02:48:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 1.091 ng/ul
RT: 3.067 min Scan# 20
Delta R.T. -0.008 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

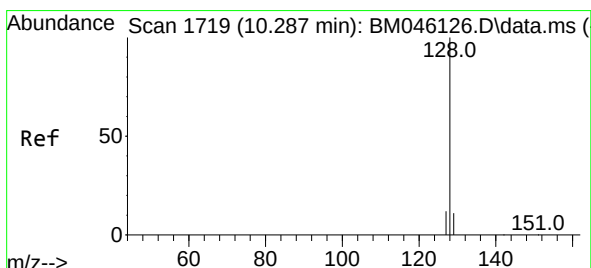
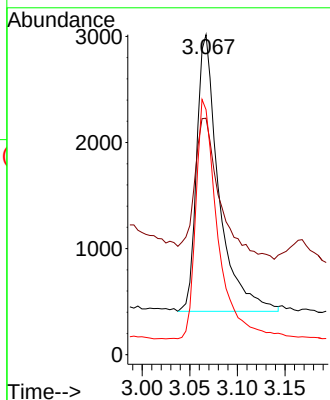
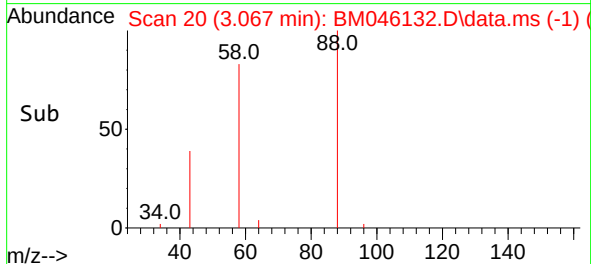
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion: 88 Resp: 4219
Ion Ratio Lower Upper
88 100
43 73.9 69.8 104.8
58 76.6 53.2 79.8

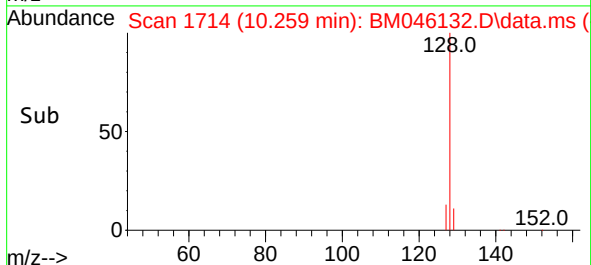
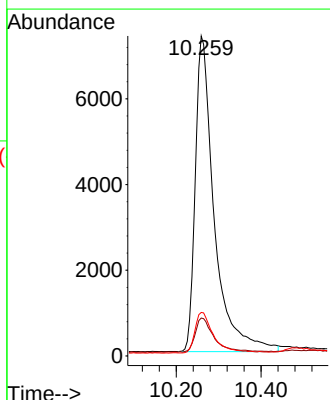
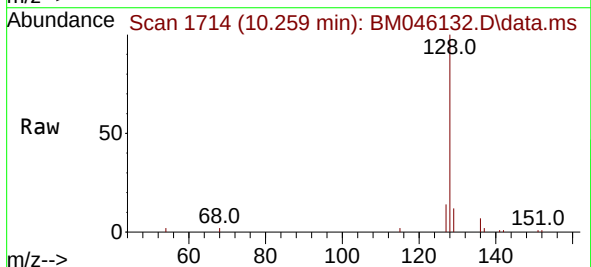
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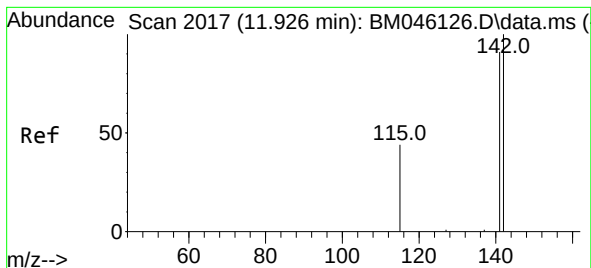
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#5
Naphthalene
Concen: 1.143 ng/ul
RT: 10.259 min Scan# 1714
Delta R.T. -0.044 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

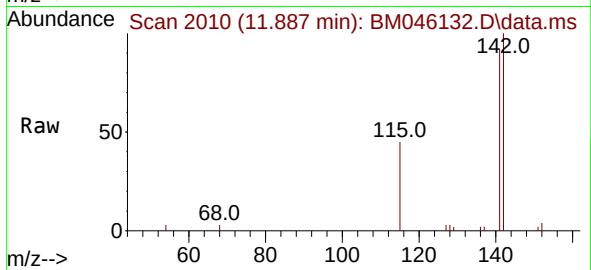
Tgt Ion:128 Resp: 22872
Ion Ratio Lower Upper
128 100
129 11.8 11.8 17.6
127 13.6 12.8 19.2





#7
2-Methylnaphthalene
Concen: 0.910 ng/ul
RT: 11.887 min Scan# 2010
Delta R.T. -0.060 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

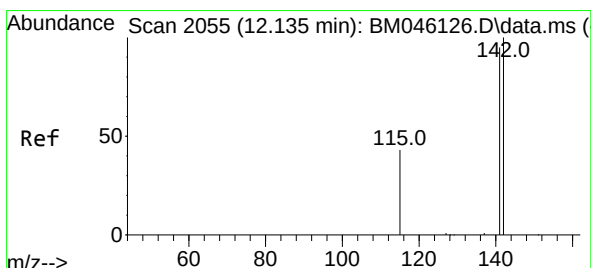
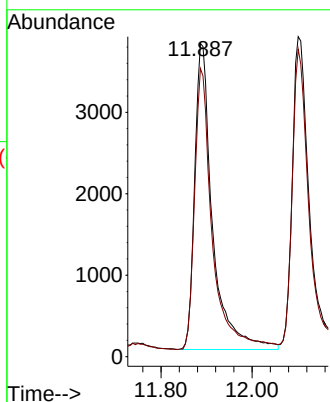
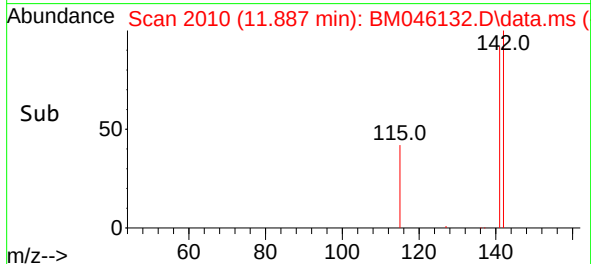
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion:142 Resp: 1025
Ion Ratio Lower Upper
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141 90.8 74.6 111.8

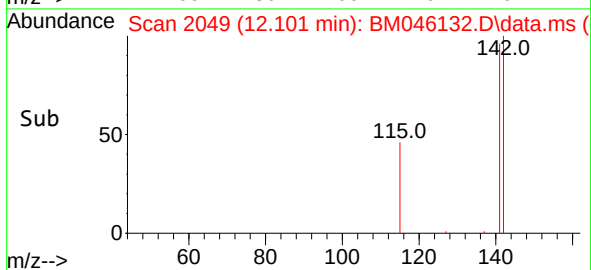
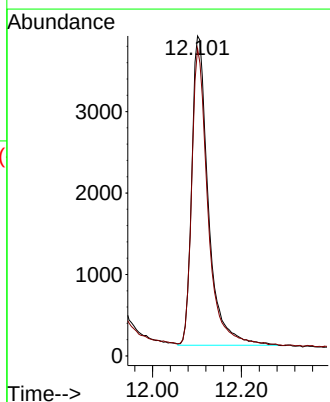
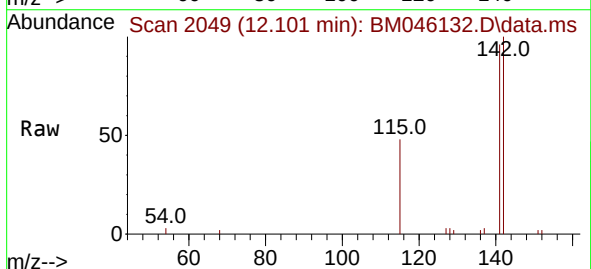
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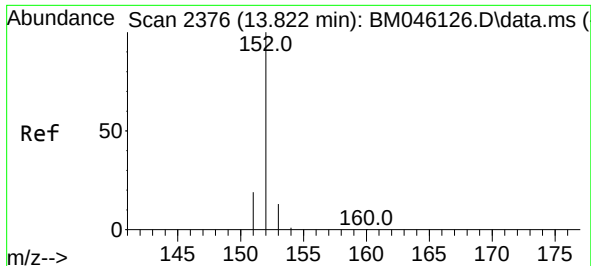
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#8
1-Methylnaphthalene
Concen: 0.795 ng/ul
RT: 12.101 min Scan# 2049
Delta R.T. -0.049 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

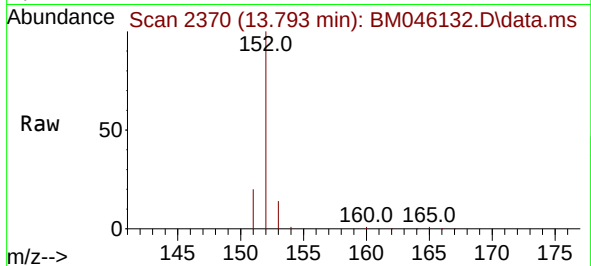
Tgt Ion:142 Resp: 9831
Ion Ratio Lower Upper
142 100
141 93.1 75.2 112.8





#10
Acenaphthylene
Concen: 1.921 ng/ul
RT: 13.793 min Scan# 21
Delta R.T. -0.042 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

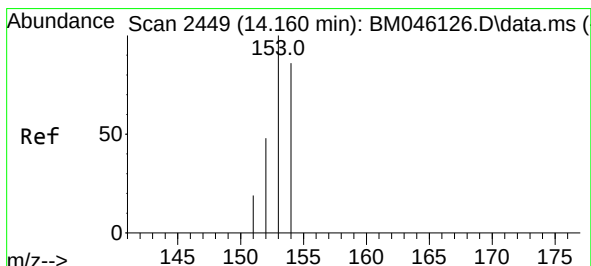
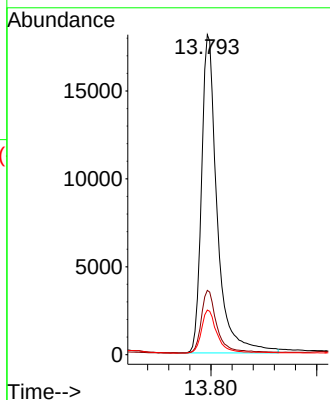
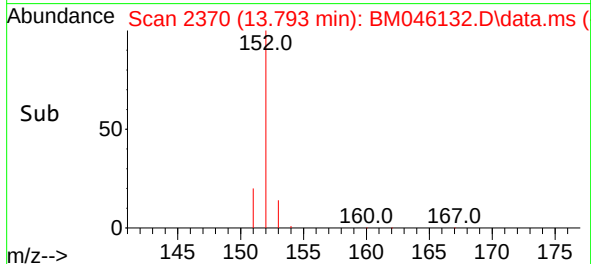
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion:152 Resp: 37200
Ion Ratio Lower Upper
152 100
151 20.1 17.4 26.2
153 14.0 11.8 17.8

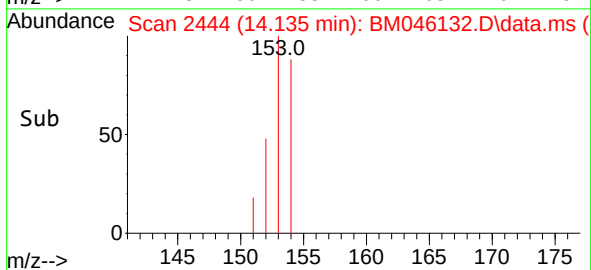
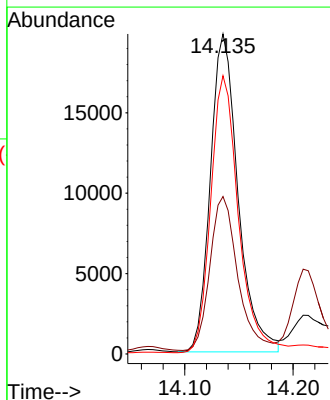
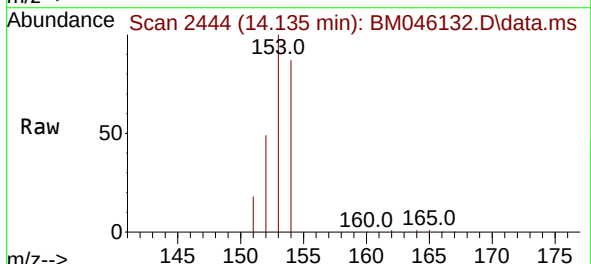
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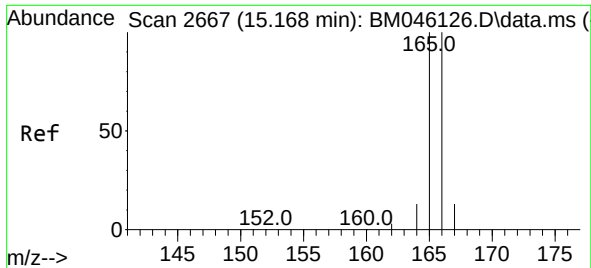
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#11
Acenaphthene
Concen: 2.519 ng/ul
RT: 14.135 min Scan# 2444
Delta R.T. -0.037 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

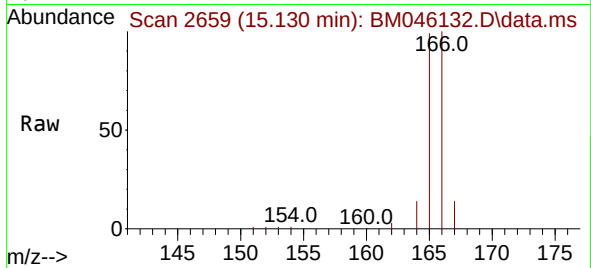
Tgt Ion:153 Resp: 35209
Ion Ratio Lower Upper
153 100
152 49.2 41.3 61.9
154 86.9 68.2 102.4





#12
Fluorene
Concen: 2.974 ng/ul
RT: 15.130 min Scan# 2659
Delta R.T. -0.051 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

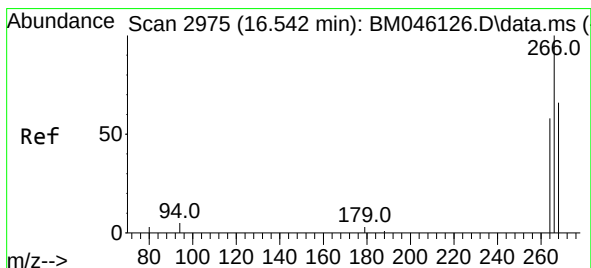
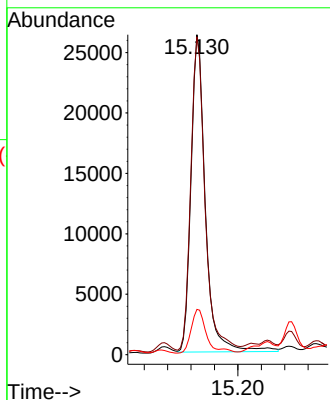
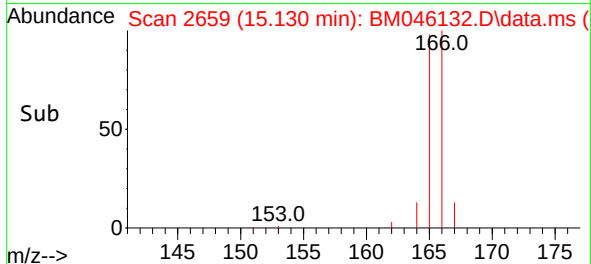
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion:166 Resp: 4459
Ion Ratio Lower Upper
166 100
165 99.3 80.4 120.6
167 14.2 12.4 18.6

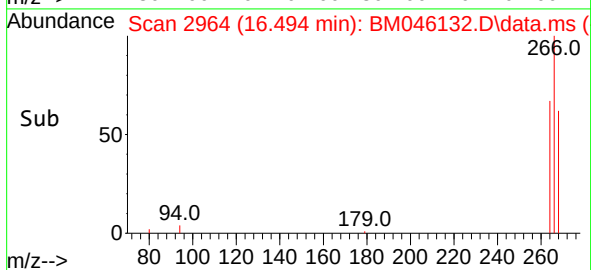
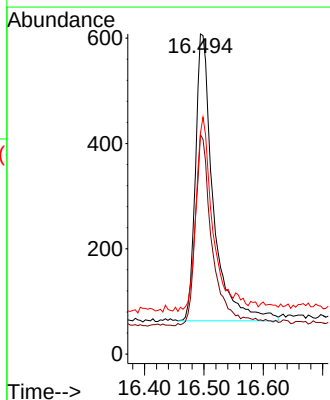
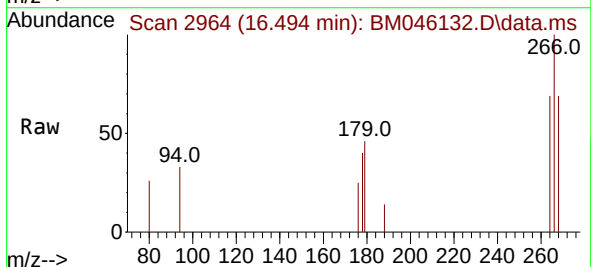
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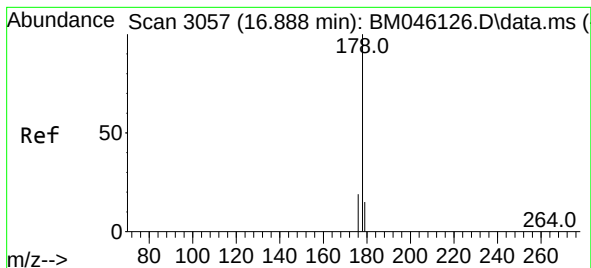
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#14
Pentachlorophenol
Concen: 0.436 ng/ul
RT: 16.494 min Scan# 2964
Delta R.T. -0.072 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

Tgt Ion:266 Resp: 1140
Ion Ratio Lower Upper
266 100
264 64.9 50.9 76.3
268 64.4 52.3 78.5





#15

Phenanthrene

Concen: 30.124 ng/u1

RT: 16.853 min Scan# 3049

Delta R.T. -0.051 min

Lab File: BM046132.D

Acq: 20 Jun 2024 20:37

Instrument :

BNA_M

ClientSampleId :

A4B87MSD

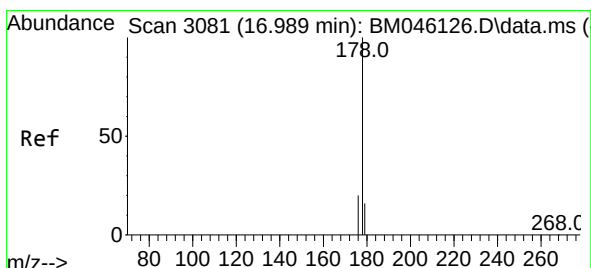
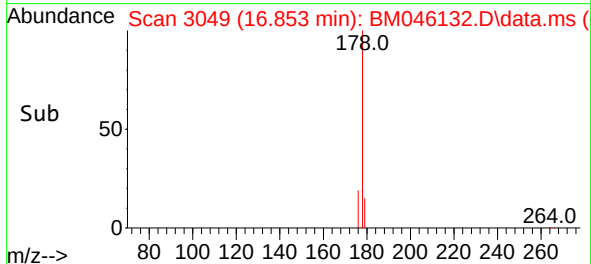
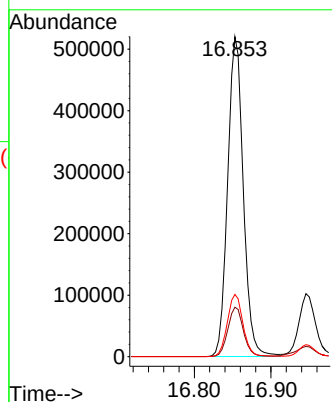
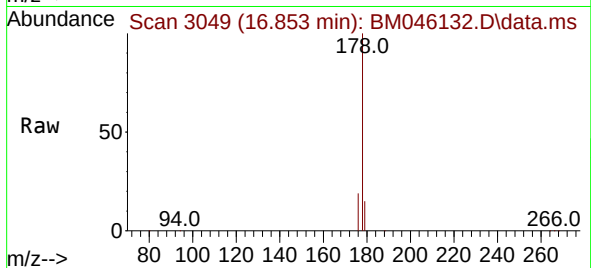
Tgt Ion:178 Resp: 737934

Ion	Ratio	Lower	Upper
178	100		
179	15.5	14.2	21.2
176	19.5	17.1	25.7

Manual Integrations

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Supervised By :mohammad ahmed 06/24/2024



#16

Anthracene

Concen: 7.963 ng/u1

RT: 16.946 min Scan# 3071

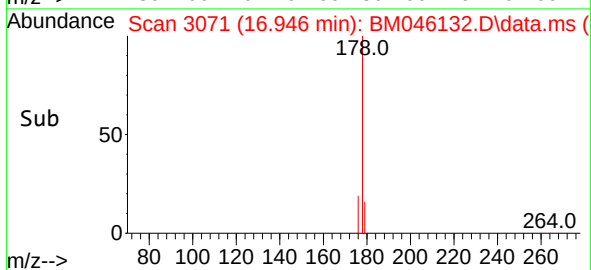
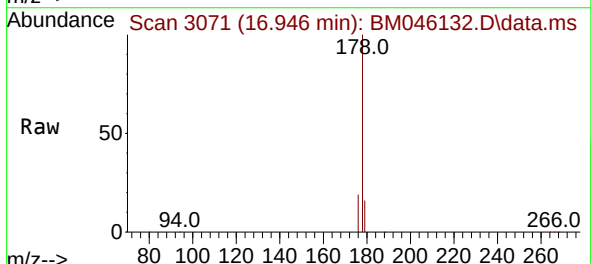
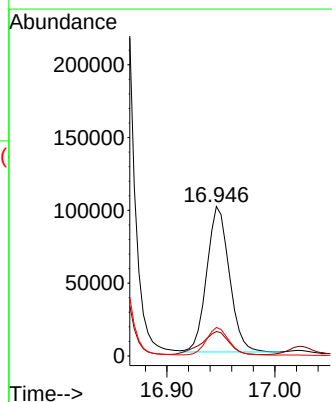
Delta R.T. -0.059 min

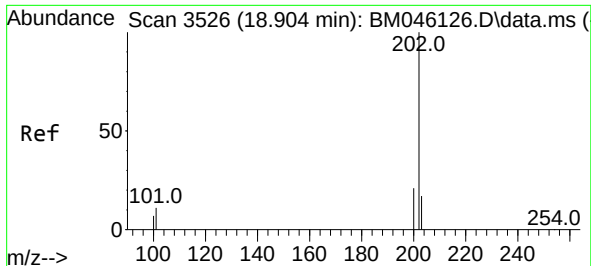
Lab File: BM046132.D

Acq: 20 Jun 2024 20:37

Tgt Ion:178 Resp: 145277

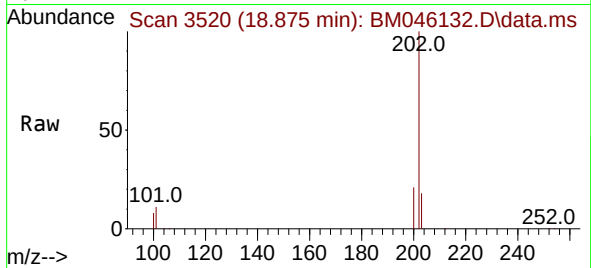
Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.9	22.3
176	19.1	17.0	25.4





#19
Fluoranthene
Concen: 37.801 ng/u1
RT: 18.875 min Scan# 31
Delta R.T. -0.042 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

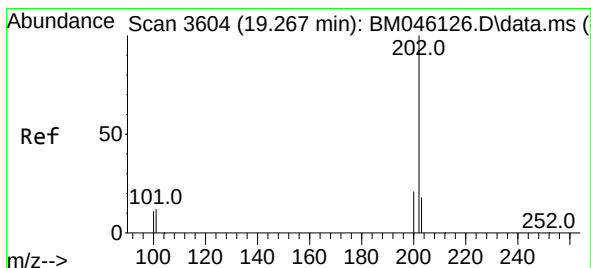
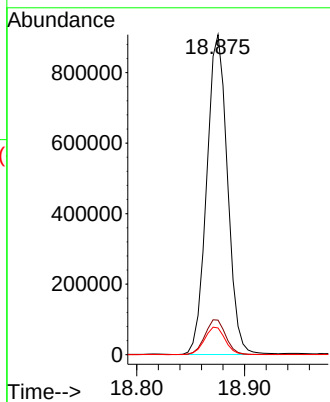
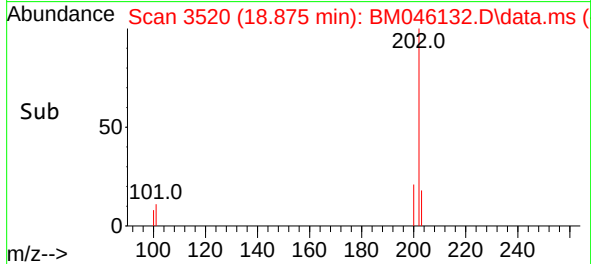
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion:202 Resp: 1213150
Ion Ratio Lower Upper
202 100
101 10.8 9.6 14.4
100 8.3 7.6 11.4

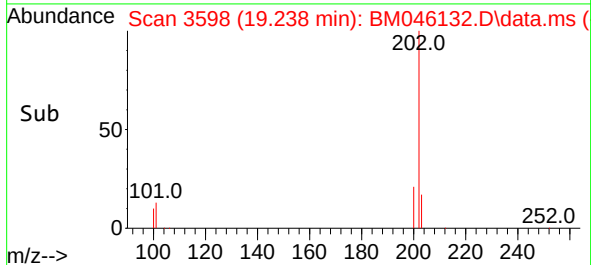
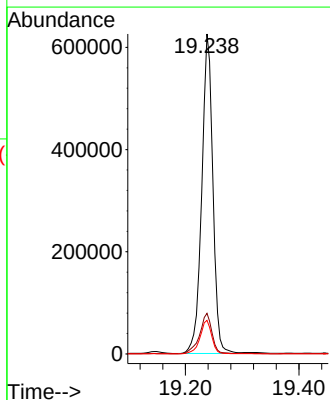
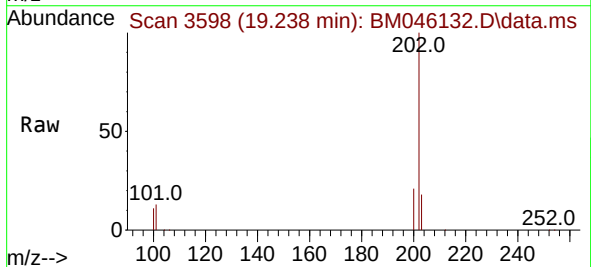
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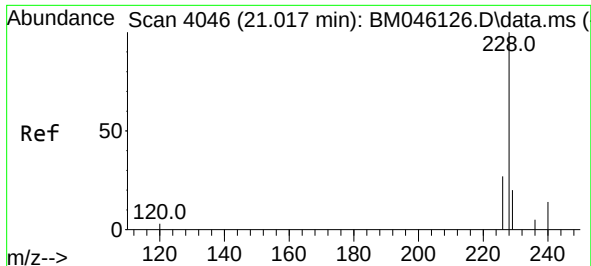
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#20
Pyrene
Concen: 24.596 ng/u1
RT: 19.238 min Scan# 3598
Delta R.T. -0.037 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

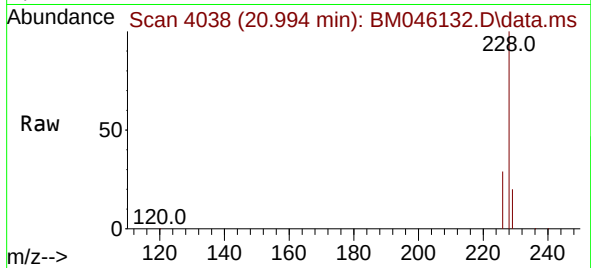
Tgt Ion:202 Resp: 853645
Ion Ratio Lower Upper
202 100
101 12.7 11.3 16.9
100 10.5 9.8 14.6





#21
Benzo(a)anthracene
Concen: 19.670 ng/u1
RT: 20.994 min Scan# 4046
Delta R.T. -0.035 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

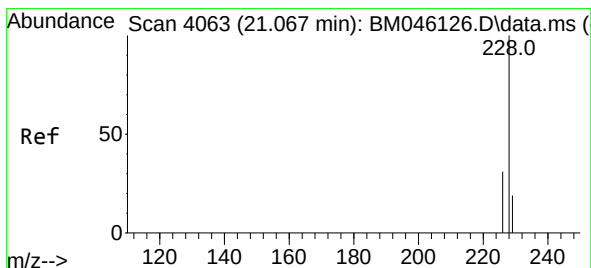
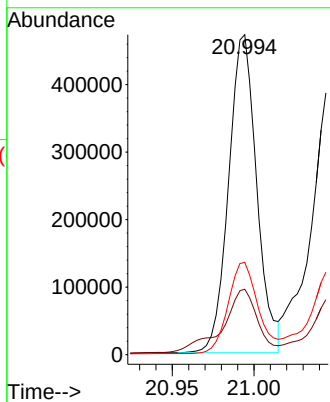
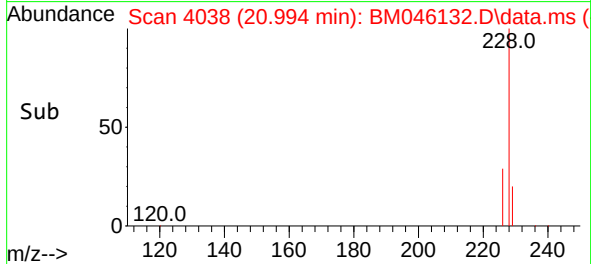
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion:228 Resp: 563158
Ion Ratio Lower Upper
228 100
229 20.5 16.4 24.6
226 28.9 23.4 35.2

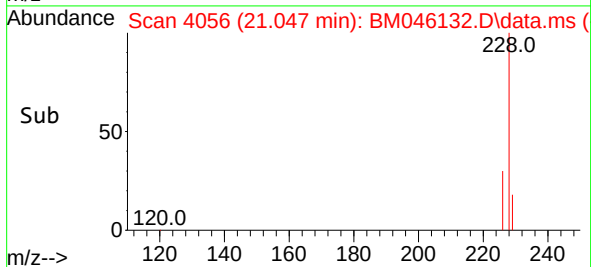
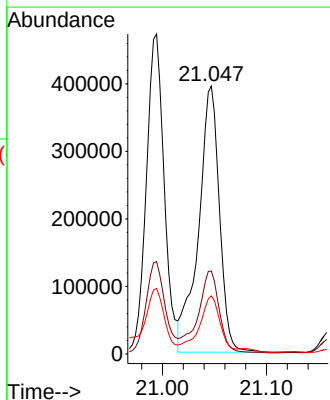
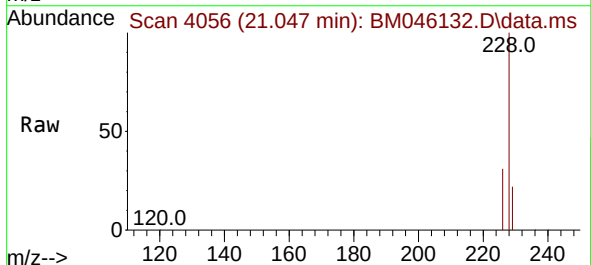
Manual Integrations
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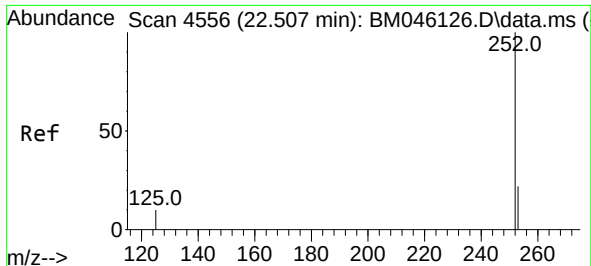
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#22
Chrysene
Concen: 15.065 ng/u1
RT: 21.047 min Scan# 4056
Delta R.T. -0.029 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

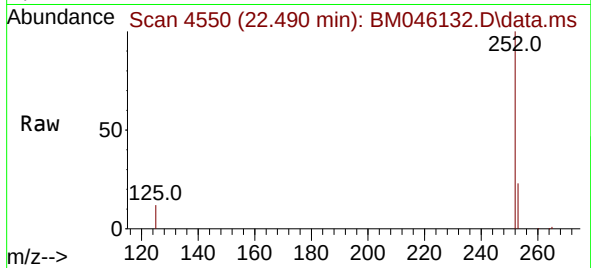
Tgt Ion:228 Resp: 550445
Ion Ratio Lower Upper
228 100
226 30.9 25.2 37.8
229 21.7 16.3 24.5





#24
Benzo(b)fluoranthene
Concen: 18.972 ng/ul m
RT: 22.490 min Scan# 4550
Delta R.T. -0.029 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

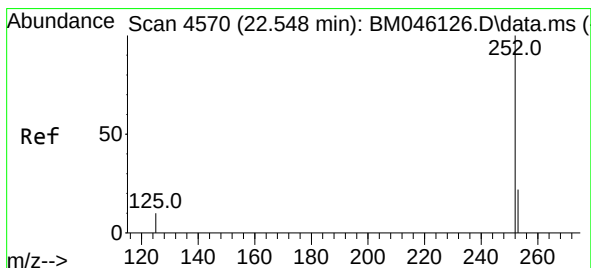
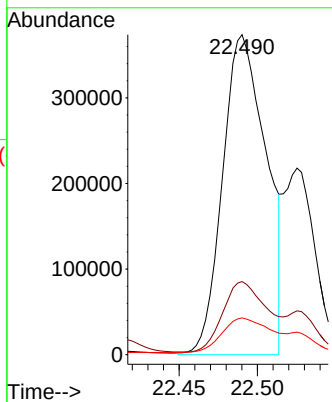
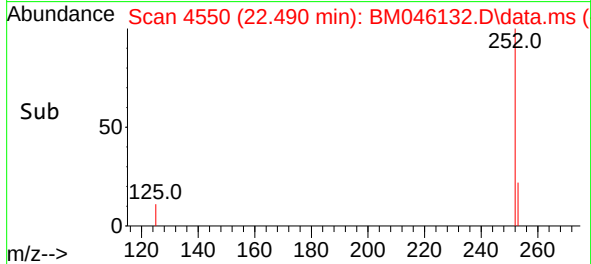
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



Tgt Ion:252 Resp: 723660
Ion Ratio Lower Upper
252 100
253 22.9 0.0 65.8
125 11.5 0.0 40.2

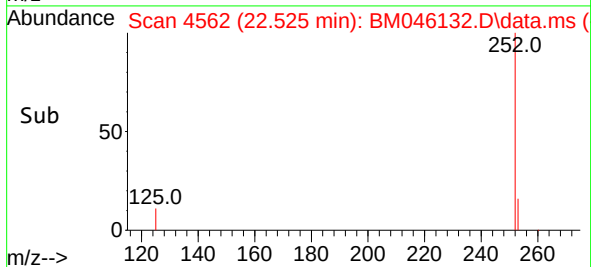
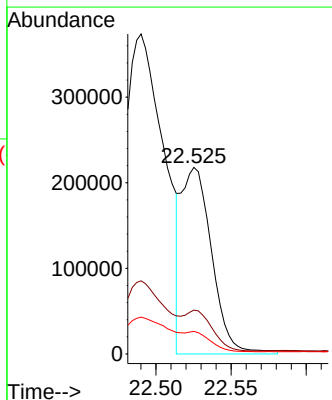
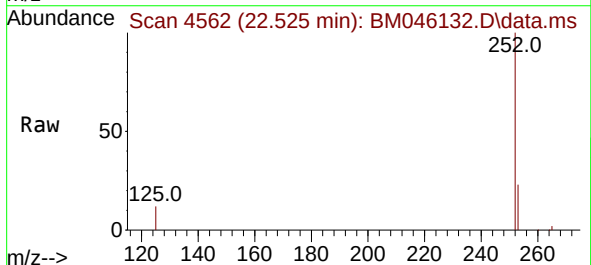
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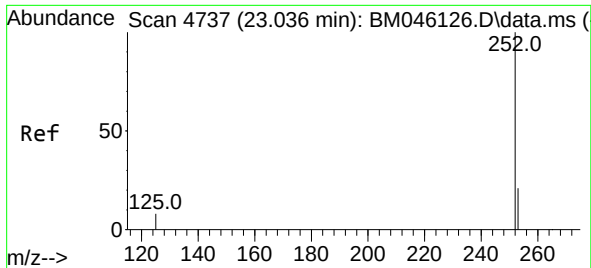
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#25
Benzo(k)fluoranthene
Concen: 6.776 ng/ul m
RT: 22.525 min Scan# 4562
Delta R.T. -0.038 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

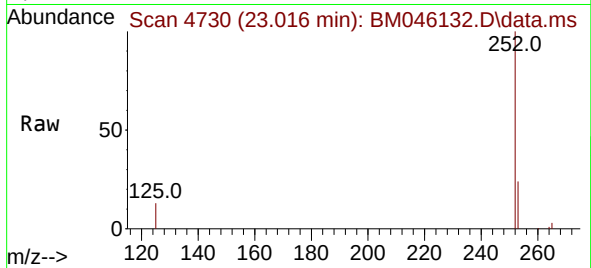
Tgt Ion:252 Resp: 307273
Ion Ratio Lower Upper
252 100
253 23.5 27.2 40.8#
125 12.1 16.6 25.0#





#26
Benzo(a)pyrene
Concen: 8.155 ng/ul m
RT: 23.016 min Scan# 41
Delta R.T. -0.038 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

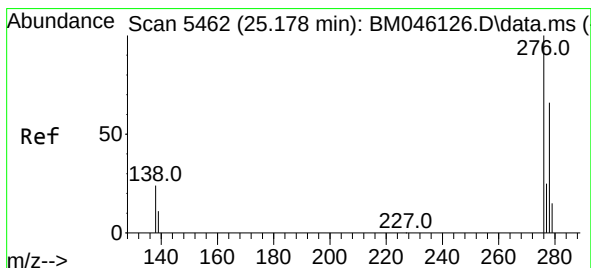
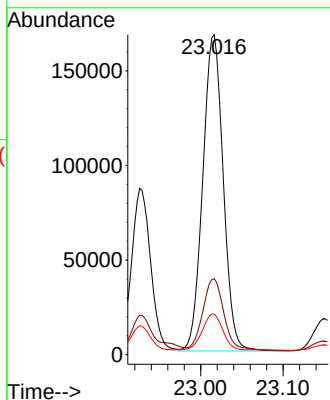
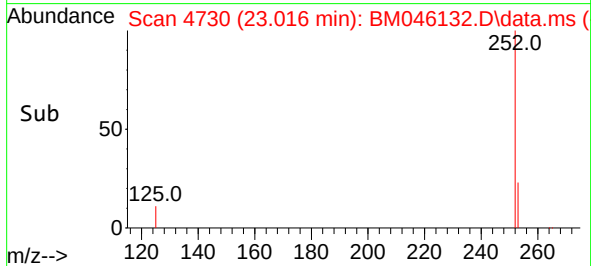
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



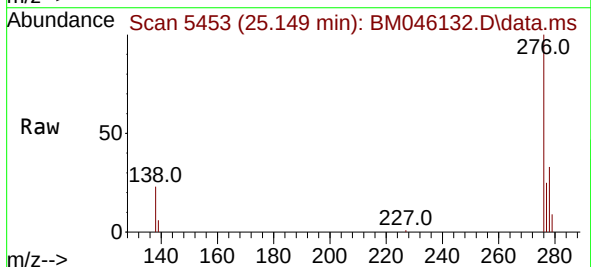
Tgt Ion:252 Resp: 288224
Ion Ratio Lower Upper
252 100
253 23.8 32.1 48.1
125 12.6 21.2 31.8

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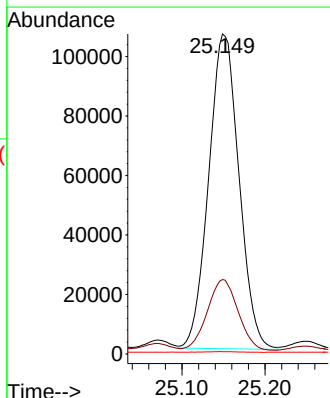
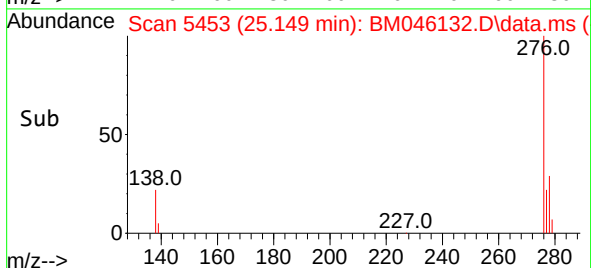
Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

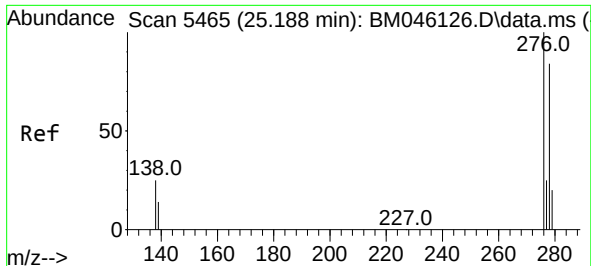


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.643 ng/ul
RT: 25.149 min Scan# 5453
Delta R.T. -0.054 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37



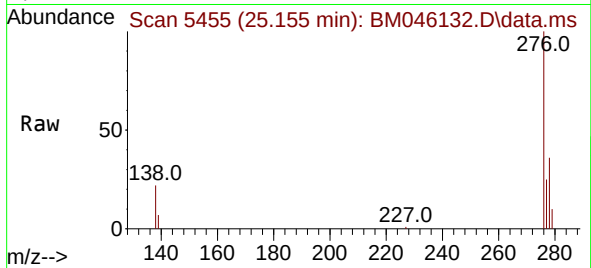
Tgt Ion:276 Resp: 268556
Ion Ratio Lower Upper
276 100
138 22.8 21.0 31.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.374 ng/ul
RT: 25.155 min Scan# 5465
Delta R.T. -0.060 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37

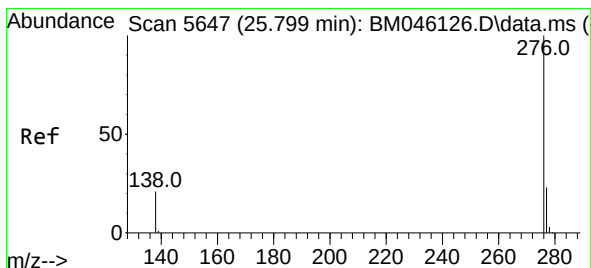
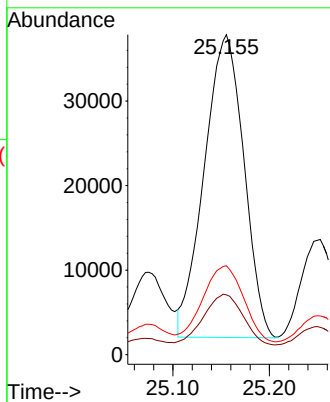
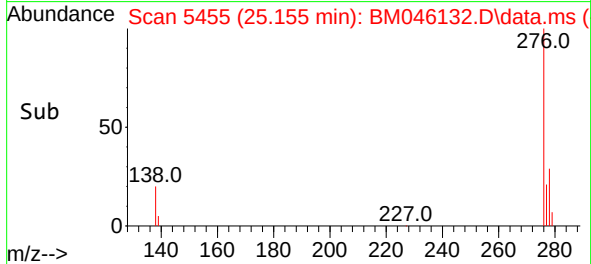
Instrument :
BNA_M
ClientSampleId :
A4B87MSD



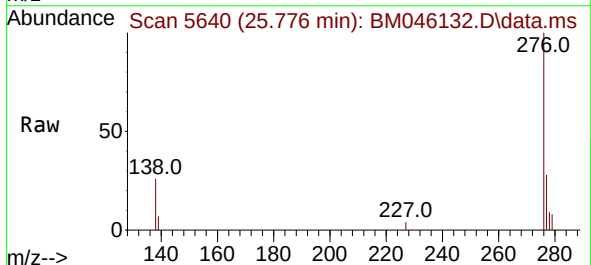
Tgt Ion:278 Resp: 102230
Ion Ratio Lower Upper
278 100
139 18.7 17.6 26.4
279 27.8 26.3 39.5

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Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.767 ng/ul
RT: 25.776 min Scan# 5640
Delta R.T. -0.054 min
Lab File: BM046132.D
Acq: 20 Jun 2024 20:37



Tgt Ion:276 Resp: 38049
Ion Ratio Lower Upper
276 100
138 26.5 21.7 32.5
277 28.3 20.4 30.6

