

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045587.D
 Acq On : 26 Apr 2024 11:43
 Operator : MA/JU
 Sample : P2037-24DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX9DL

Manual Integrations
 APPROVED

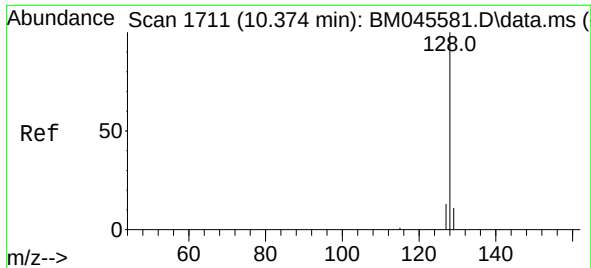
Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 26 12:35:51 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 : Wed Apr 24 05:17:39 2024
 Response via : Initial Calibration

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

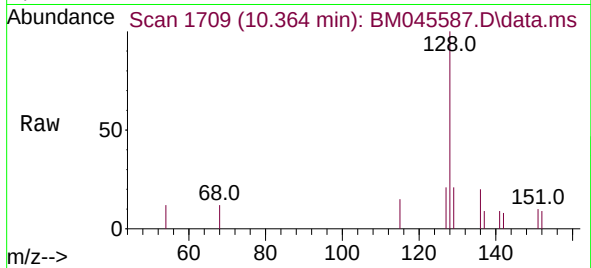
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	1026	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.314	136	2696	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1320	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2710	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.181	240	2472	0.400	ng/ul	#-0.01
23) Perylene-d12	23.367	264	3851	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	1150	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	206	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	460	0.059	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	1394	0.193	ng/ul	94
7) 2-Methylnaphthalene	11.997	142	279	0.067	ng/ul	94
8) 1-Methylnaphthalene	12.211	142	232	0.050	ng/ul	86
10) Acenaphthylene	13.909	152	324	0.050	ng/ul#	1
11) Acenaphthene	14.261	153	152	0.031	ng/ul#	80
12) Fluorene	15.260	166	141	0.027	ng/ul#	59
15) Phenanthrene	17.001	178	3113m	0.394	ng/ul	
16) Anthracene	17.098	178	379m	0.051	ng/ul	
19) Fluoranthene	19.033	202	4420	0.387	ng/ul	99
20) Pyrene	19.396	202	4784	0.408	ng/ul	95
21) Benzo(a)anthracene	21.164	228	1499	0.190	ng/ul#	55
22) Chrysene	21.216	228	2348	0.193	ng/ul#	63
24) Benzo(b)fluoranthene	22.718	252	3297	0.255	ng/ul#	1
25) Benzo(k)fluoranthene	22.759	252	1253m	0.077	ng/ul	
26) Benzo(a)pyrene	23.274	252	1755	0.131	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.558	276	1826	0.094	ng/ul#	89
29) Benzo(g,h,i)perylene	26.222	276	1655	0.094	ng/ul#	1

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



#5
Naphthalene
Concen: 0.193 ng/ul
RT: 10.364 min Scan# 1711
Delta R.T. -0.016 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

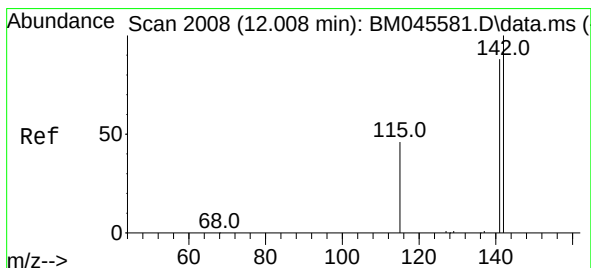
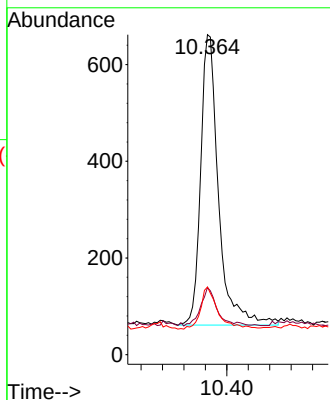
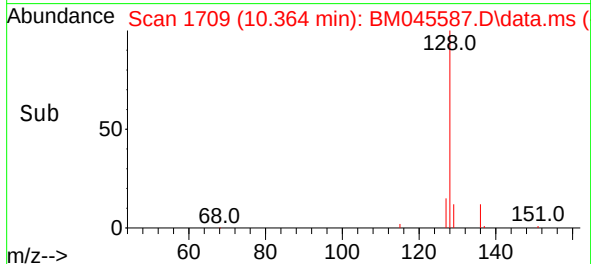
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:128 Resp: 1394
Ion Ratio Lower Upper
128 100
129 21.0 14.0 21.0
127 21.1 15.4 23.2

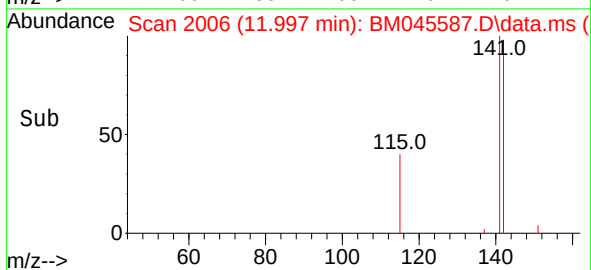
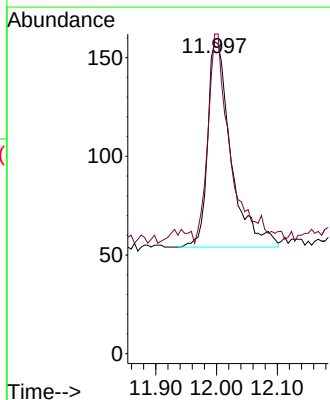
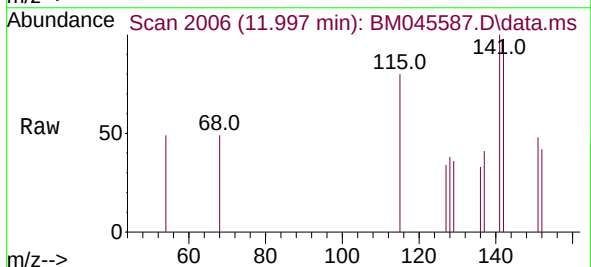
Manual Integrations
APPROVED

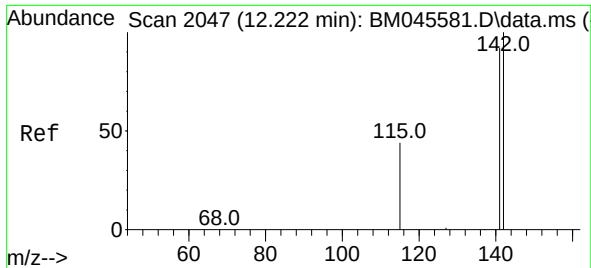
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

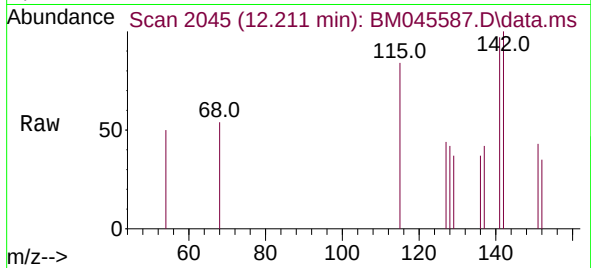
Tgt Ion:142 Resp: 279
Ion Ratio Lower Upper
142 100
141 99.3 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.211 min Scan# 2045
Delta R.T. -0.011 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

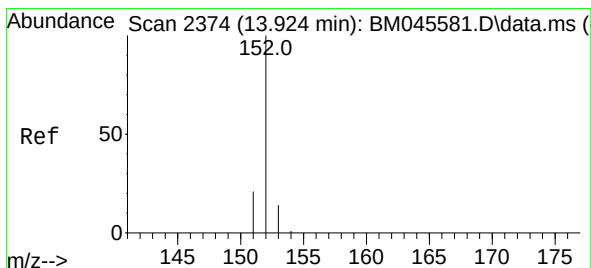
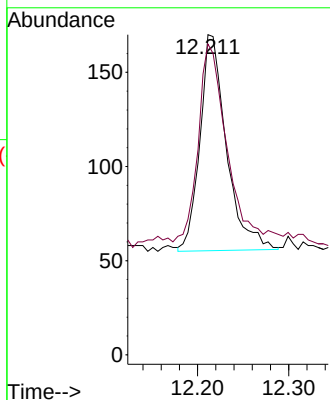
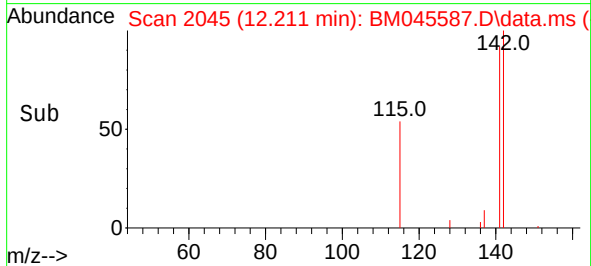
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:142 Resp: 232
Ion Ratio Lower Upper
142 100
141 109.1 76.1 114.1

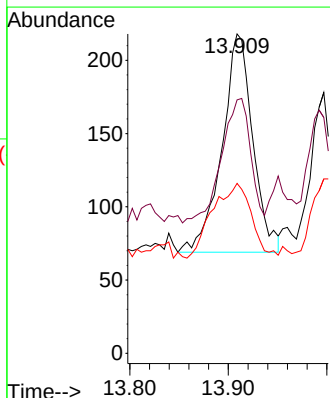
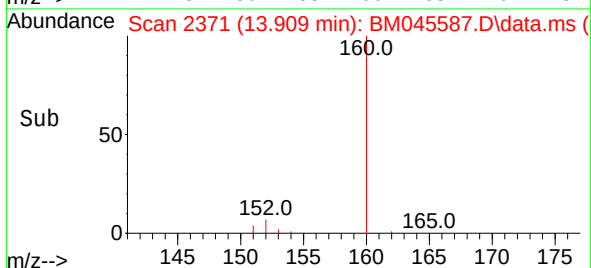
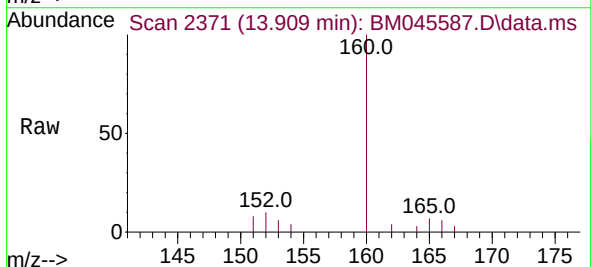
Manual Integrations
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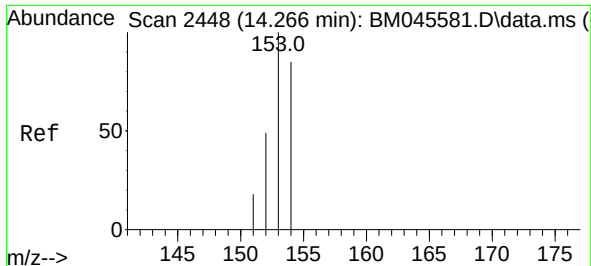
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.050 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

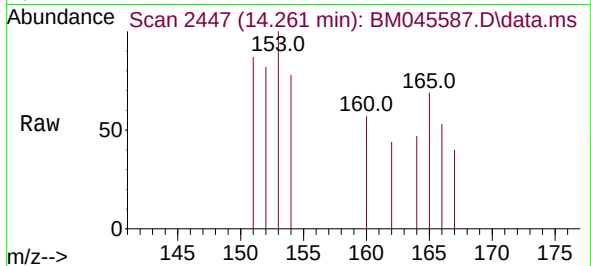
Tgt Ion:152 Resp: 324
Ion Ratio Lower Upper
152 100
151 79.4 18.6 28.0#
153 53.2 14.1 21.1#





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

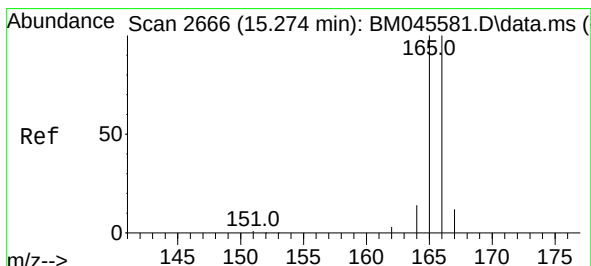
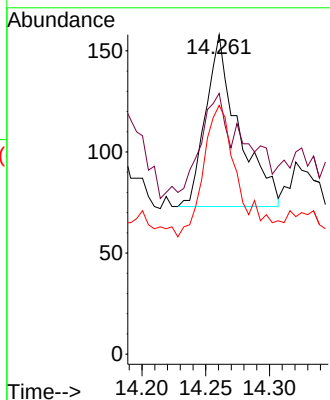
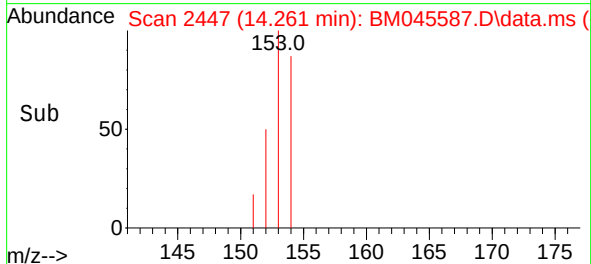
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:153 Resp: 152
Ion Ratio Lower Upper
153 100
152 81.6 43.4 65.2#
154 77.8 69.0 103.6

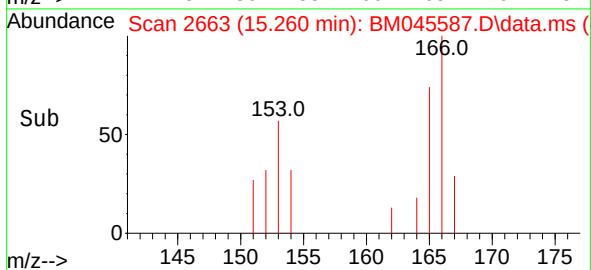
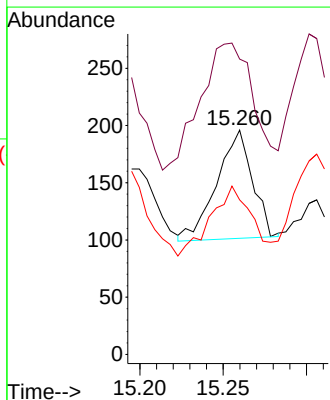
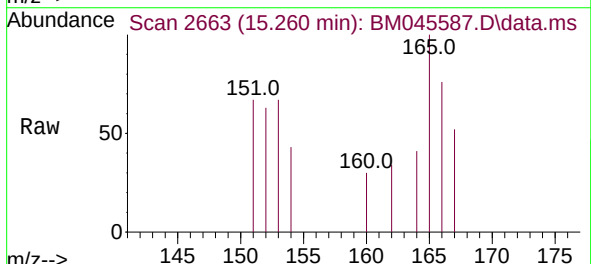
Manual Integrations
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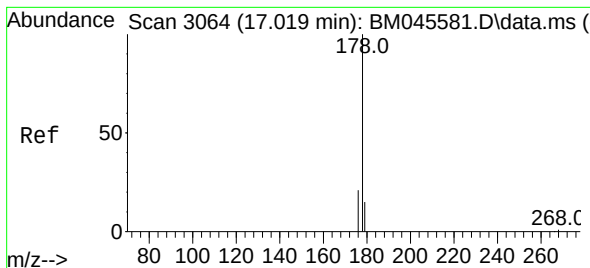
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

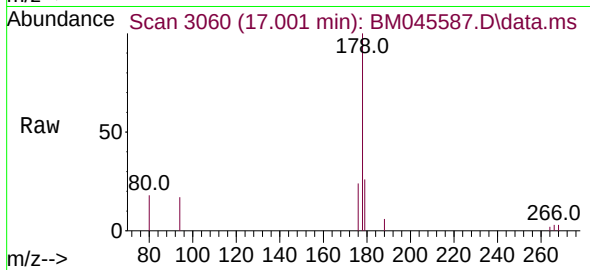
Tgt Ion:166 Resp: 141
Ion Ratio Lower Upper
166 100
165 131.6 82.2 123.2#
167 68.9 14.8 22.2#





#15
Phenanthrene
Concen: 0.394 ng/ul m
RT: 17.001 min Scan# 3060
Delta R.T. -0.021 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

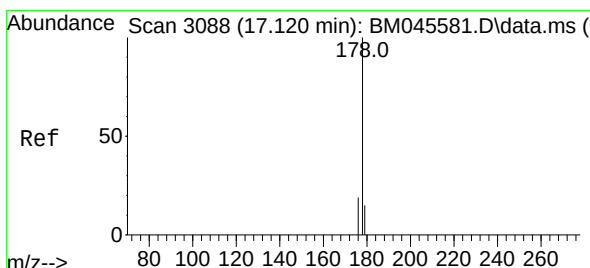
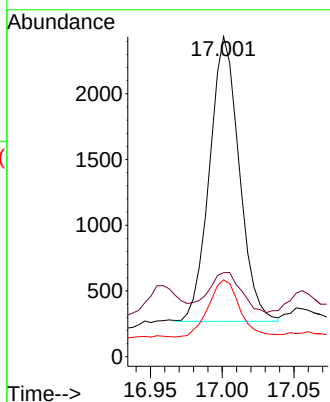
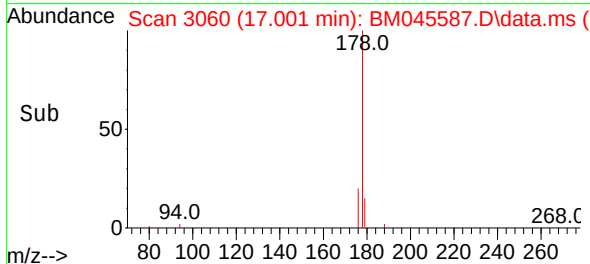
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:178 Resp: 311
Ion Ratio Lower Upper
178 100
179 26.2 15.4 23.2#
176 24.0 19.0 28.4

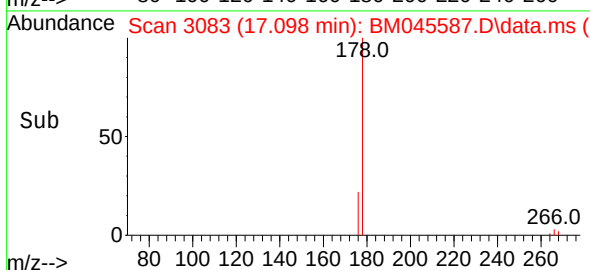
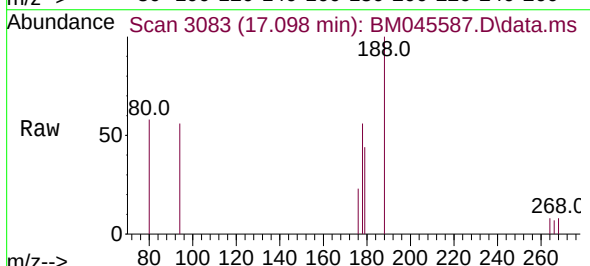
Manual Integrations
APPROVED

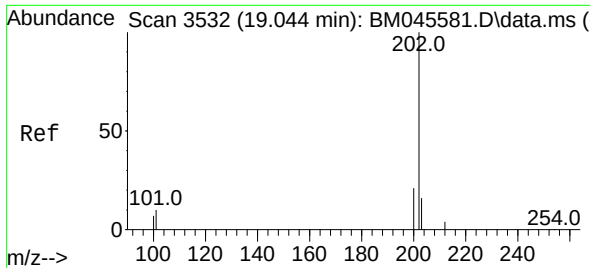
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.051 ng/ul m
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

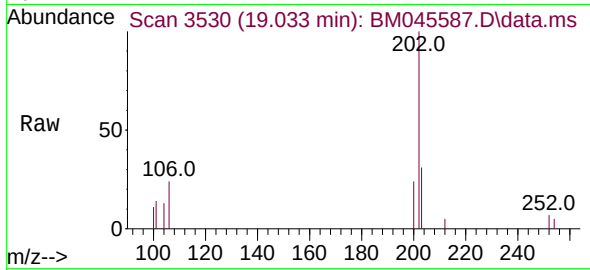
Tgt Ion:178 Resp: 379
Ion Ratio Lower Upper
178 100
179 77.7 17.8 26.6#
176 41.3 18.7 28.1#





#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.033 min Scan# 3530
Delta R.T. -0.014 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

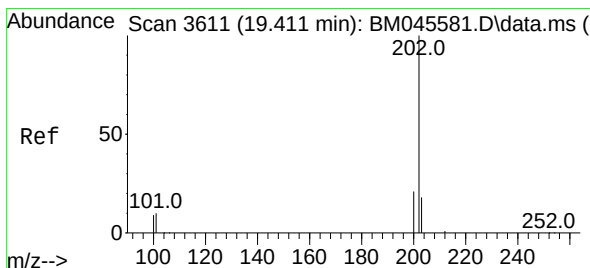
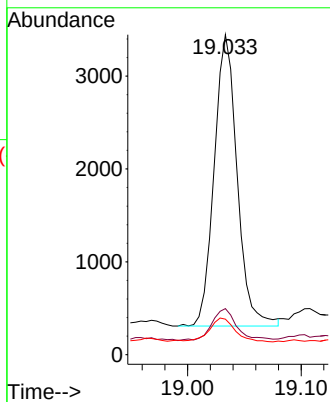
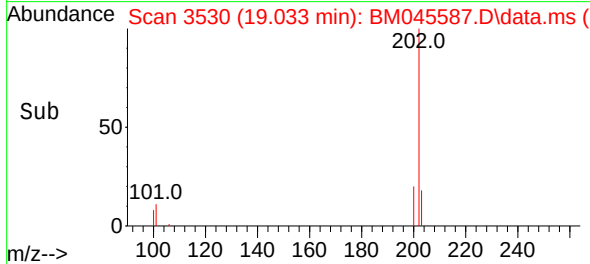
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:202 Resp: 4420
Ion Ratio Lower Upper
202 100
101 14.4 11.2 16.8
100 11.1 9.1 13.7

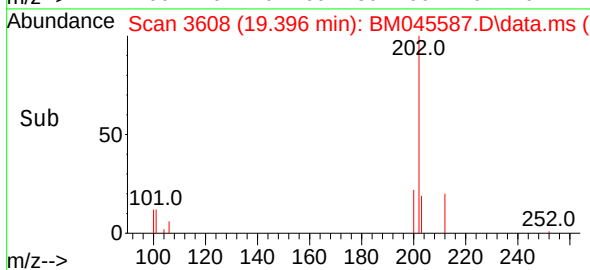
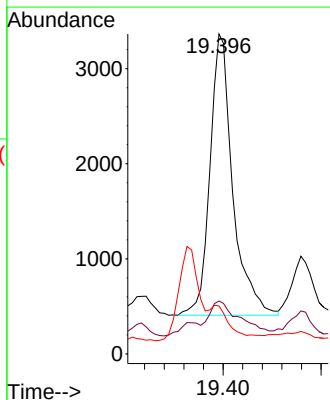
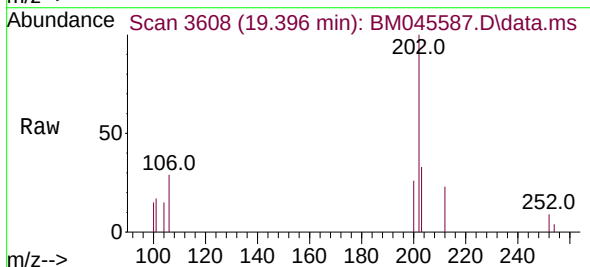
Manual Integrations
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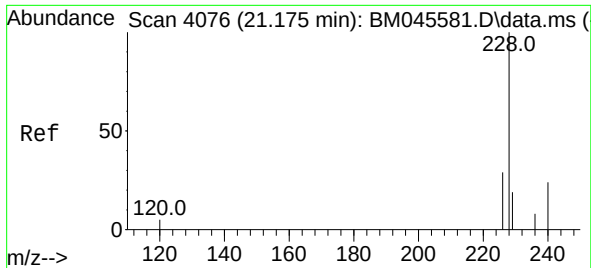
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 0.408 ng/ul
RT: 19.396 min Scan# 3608
Delta R.T. -0.019 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

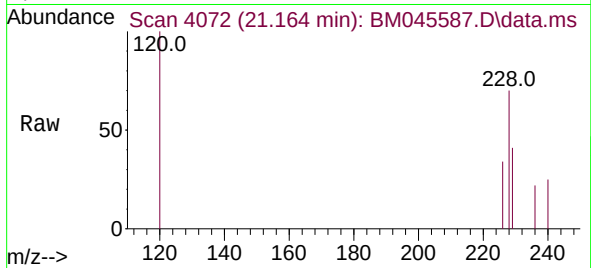
Tgt Ion:202 Resp: 4784
Ion Ratio Lower Upper
202 100
101 16.6 11.5 17.3
100 15.0 10.6 15.8





#21
Benzo(a)anthracene
Concen: 0.190 ng/ul
RT: 21.164 min Scan# 4072
Delta R.T. -0.018 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

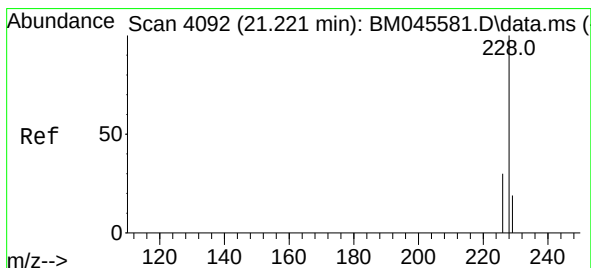
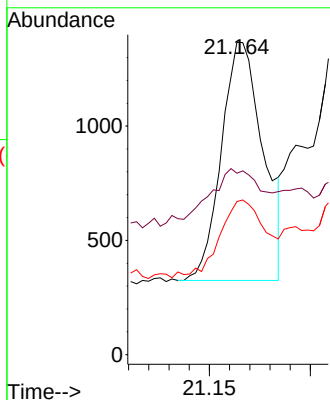
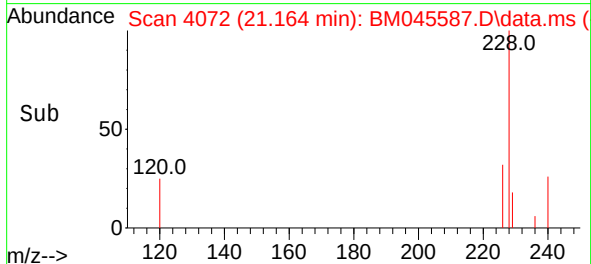
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:228 Resp: 1499
Ion Ratio Lower Upper
228 100
229 58.1 19.4 29.2#
226 49.0 26.3 39.5#

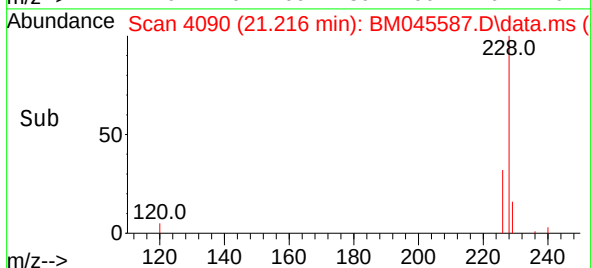
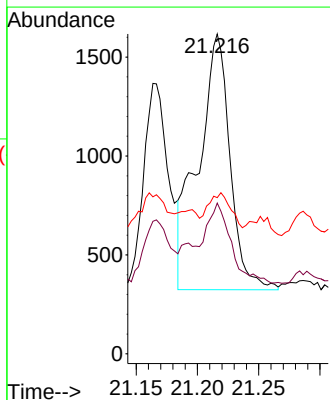
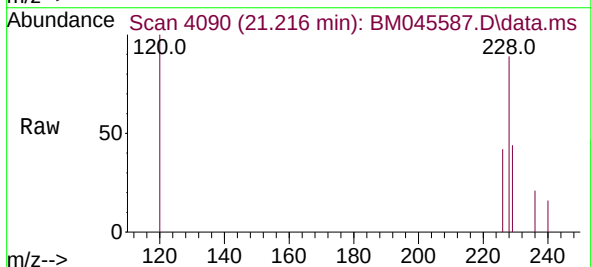
Manual Integrations
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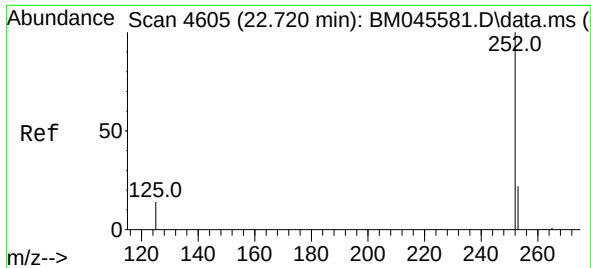
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.193 ng/ul
RT: 21.216 min Scan# 4090
Delta R.T. -0.012 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

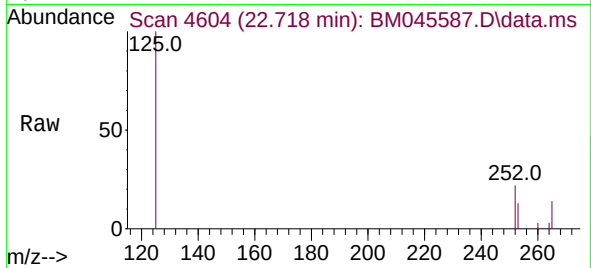
Tgt Ion:228 Resp: 2348
Ion Ratio Lower Upper
228 100
226 47.1 26.3 39.5#
229 48.9 17.8 26.8#





#24
Benzo(b)fluoranthene
Concen: 0.255 ng/ul
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

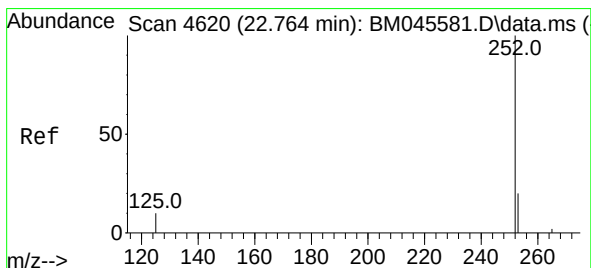
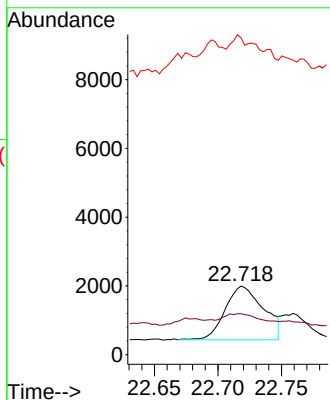
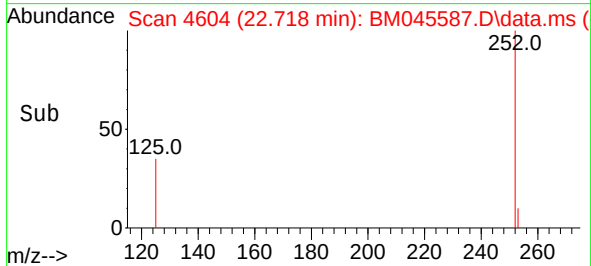
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:252 Resp: 329
Ion Ratio Lower Upper
252 100
253 59.8 0.0 63.4
125 462.0 0.0 36.8

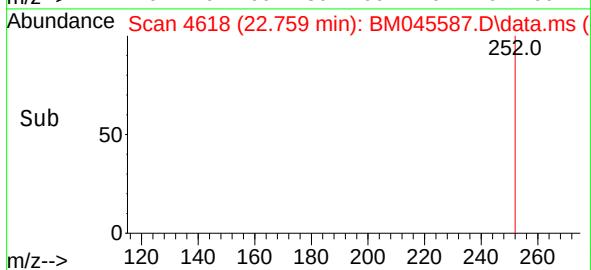
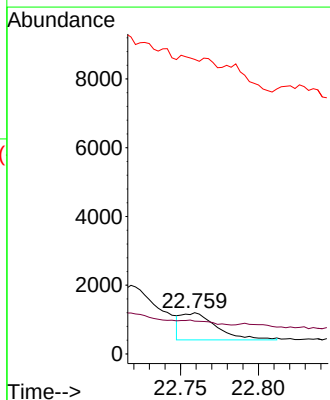
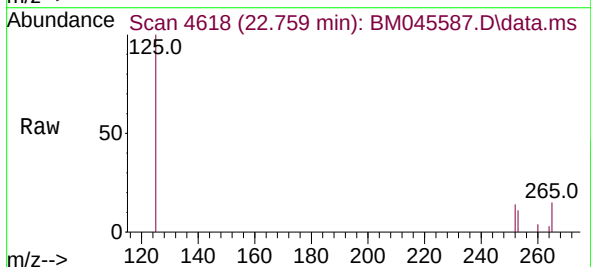
Manual Integrations
APPROVED

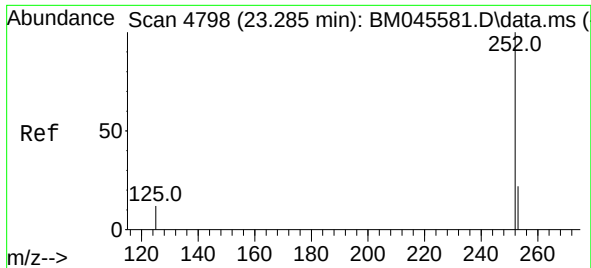
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#25
Benzo(k)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

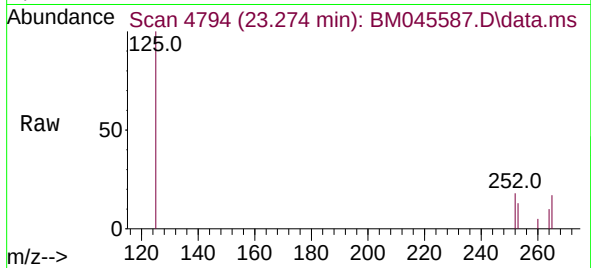
Tgt Ion:252 Resp: 1253
Ion Ratio Lower Upper
252 100
253 79.4 25.4 38.0#
125 713.7 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.131 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.018 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

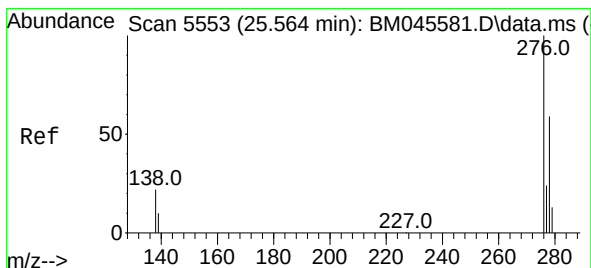
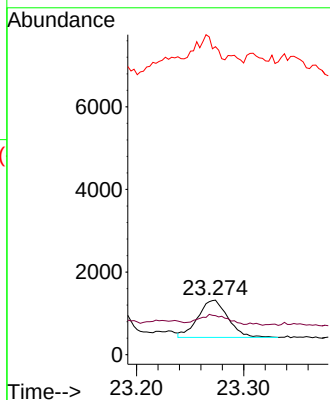
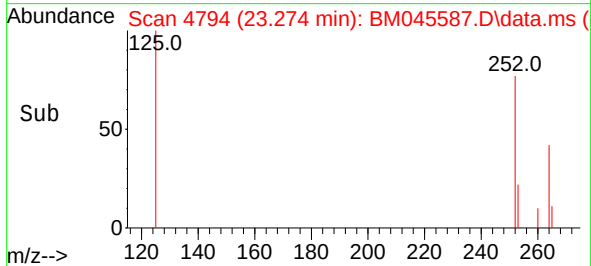
Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:252 Resp: 175
Ion Ratio Lower Upper
252 100
253 71.4 31.6 47.4#
125 564.1 19.5 29.3#

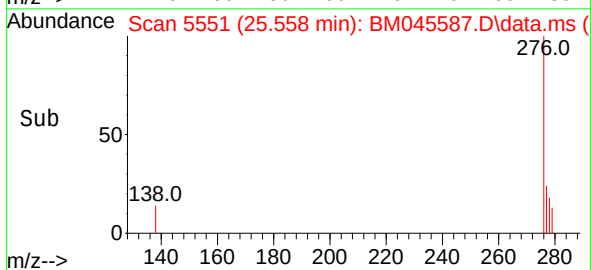
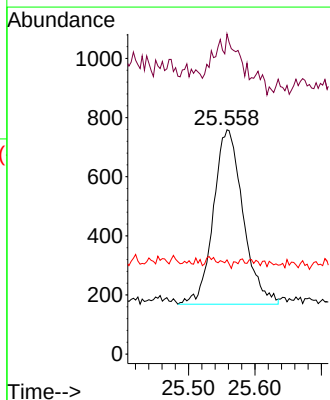
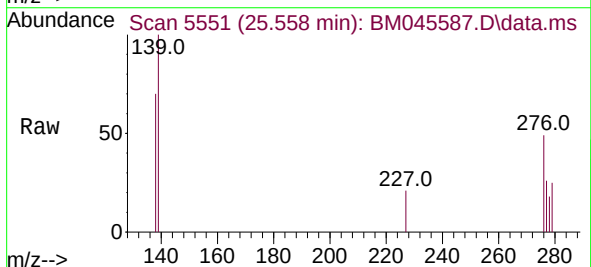
Manual Integrations
APPROVED

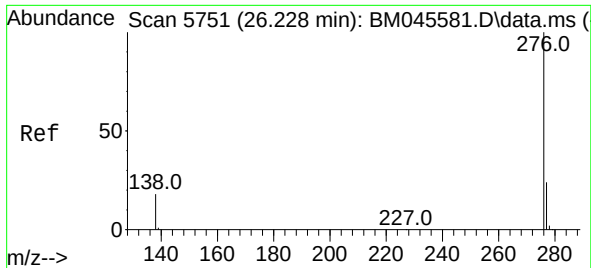
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.558 min Scan# 5551
Delta R.T. -0.014 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

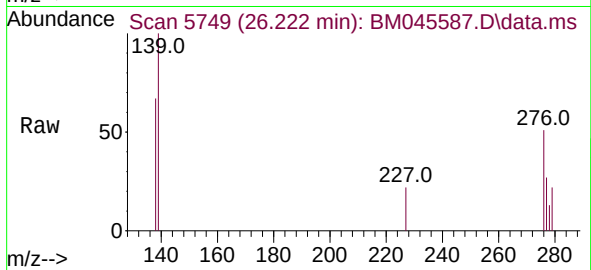
Tgt Ion:276 Resp: 1826
Ion Ratio Lower Upper
276 100
138 19.3 19.8 29.6#
227 0.0 0.2 0.2#





#29
Benzo(g,h,i)perylene
Concen: 0.094 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.014 min
Lab File: BM045587.D
Acq: 26 Apr 2024 11:43

Instrument :
BNA_M
ClientSampleId :
E1CX9DL



Tgt Ion:276 Resp: 165
Ion Ratio Lower Upper
276 100
138 130.5 20.8 31.2
277 52.2 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

