

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042424\
 Data File : BM045530.D
 Acq On : 24 Apr 2024 16:12
 Operator : MA/JU
 Sample : P2164-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0S99

Manual Integrations
 APPROVED

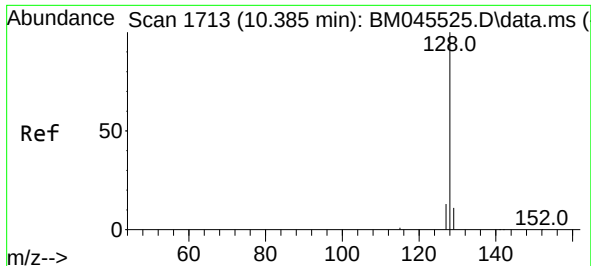
Reviewed By :Yogesh Patel 04/25/2024
 Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 17:03:57 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)

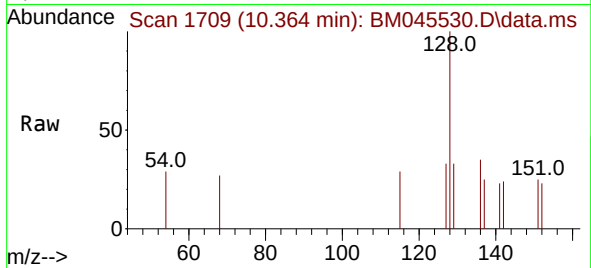
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.551	152	1008	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.314	136	2960	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.200	164	1617	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.963	188	3576m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.184	240	3423	0.400	ng/ul	# 0.00
23) Perylene-d12	23.376	264	3846m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	3500	2.591	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.931	152	773	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.006	212	1984	0.184	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.364	128	309	0.039	ng/ul#	68
7) 2-Methylnaphthalene	12.008	142	130	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.222	142	151	0.030	ng/ul	94
10) Acenaphthylene	13.923	152	1234	0.155	ng/ul	94
11) Acenaphthene	14.265	153	216	0.036	ng/ul#	86
12) Fluorene	15.264	166	318	0.050	ng/ul#	93
15) Phenanthrene	17.005	178	10347	0.994	ng/ul	93
16) Anthracene	17.098	178	1607	0.165	ng/ul	95
19) Fluoranthene	19.038	202	24451	1.548	ng/ul#	89
20) Pyrene	19.401	202	25455	1.568	ng/ul#	92
21) Benzo(a)anthracene	21.170	228	9562	0.874	ng/ul	95
22) Chrysene	21.222	228	14083	0.837	ng/ul	98
24) Benzo(b)fluoranthene	22.718	252	19896m	1.538	ng/ul	
25) Benzo(k)fluoranthene	22.759	252	7281m	0.445	ng/ul	
26) Benzo(a)pyrene	23.274	252	13194	0.983	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.558	276	12194	0.625	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.568	278	2681	0.173	ng/ul	94
29) Benzo(g,h,i)perylene	26.229	276	11420	0.652	ng/ul	94

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



#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.364 min Scan# 1713
Delta R.T. -0.016 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

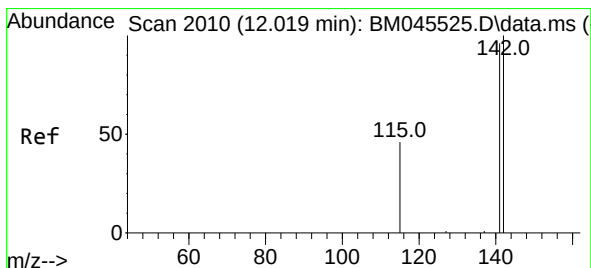
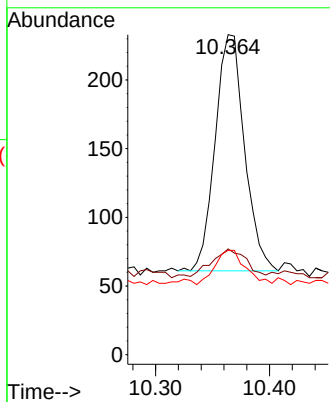
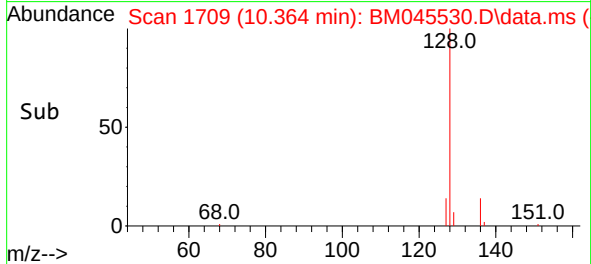
Instrument :
BNA_M
ClientSampleId :
C0S99



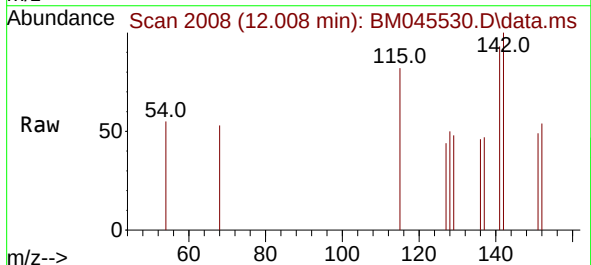
Tgt Ion:128 Resp: 309
Ion Ratio Lower Upper
128 100
129 33.0 14.0 21.0
127 32.6 15.4 23.2

Manual Integrations
APPROVED

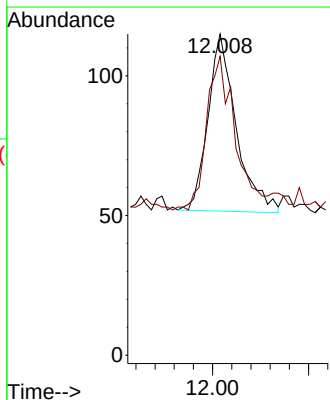
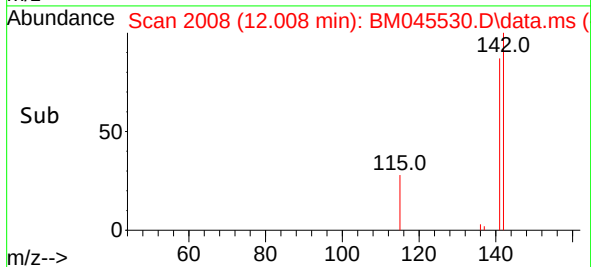
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

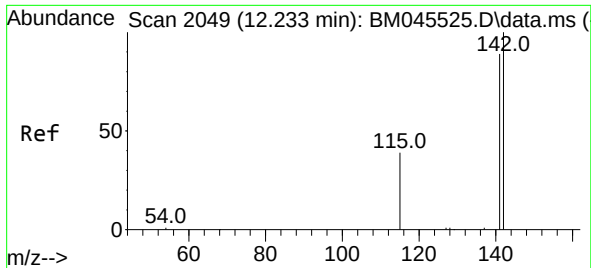


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.008 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12



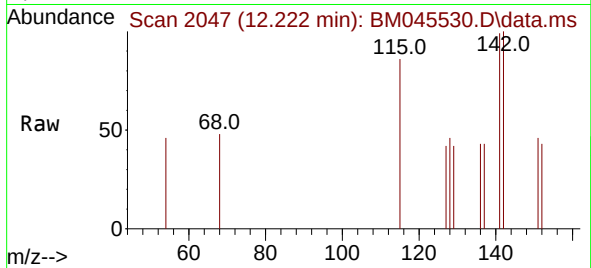
Tgt Ion:142 Resp: 130
Ion Ratio Lower Upper
142 100
141 93.8 74.6 111.8





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.222 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

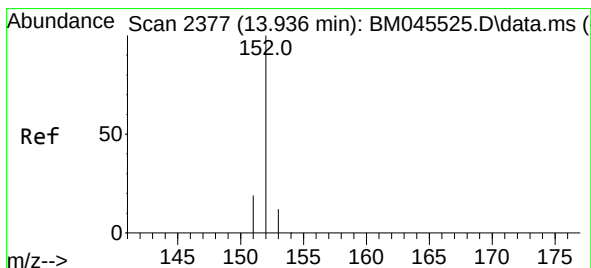
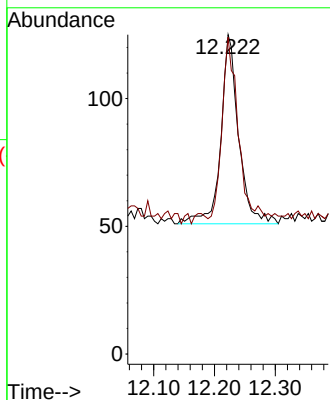
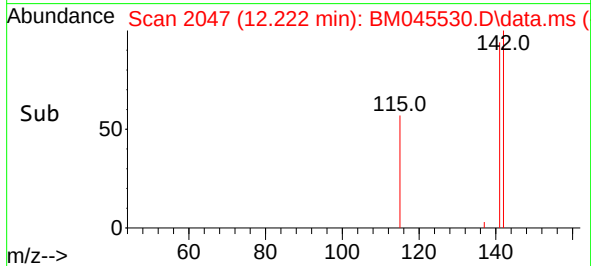
Instrument :
BNA_M
ClientSampleId :
C0S99



Tgt Ion:142 Resp: 153
Ion Ratio Lower Upper
142 100
141 89.4 76.1 114.1

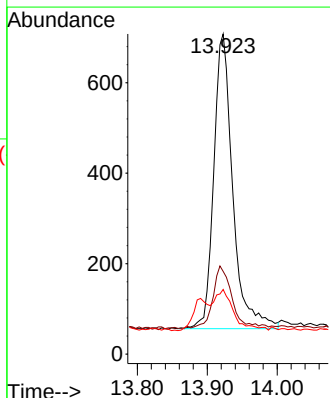
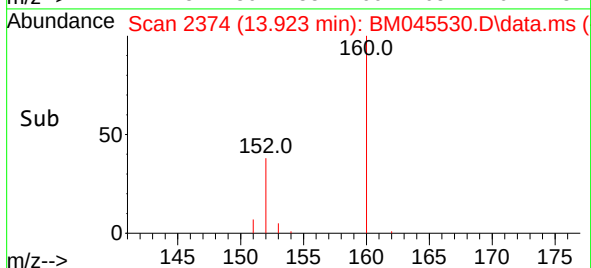
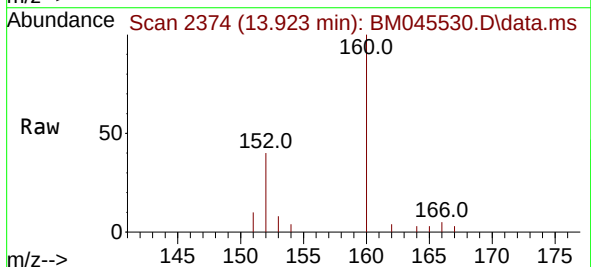
Manual Integrations
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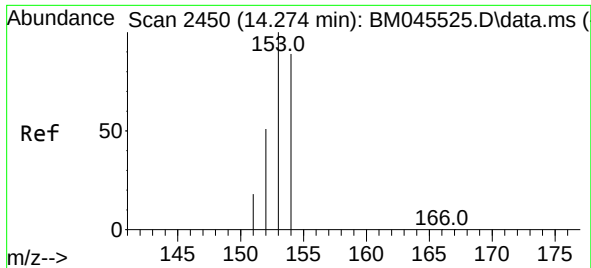
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#10
Acenaphthylene
Concen: 0.155 ng/ul
RT: 13.923 min Scan# 2374
Delta R.T. -0.004 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

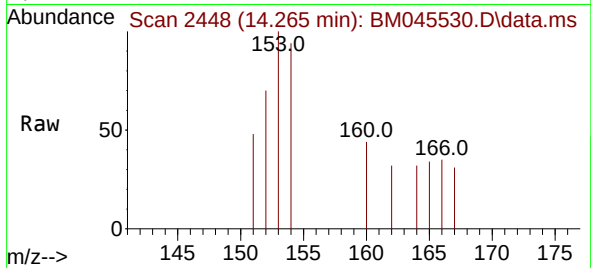
Tgt Ion:152 Resp: 1234
Ion Ratio Lower Upper
152 100
151 25.8 18.6 28.0
153 20.2 14.1 21.1





#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

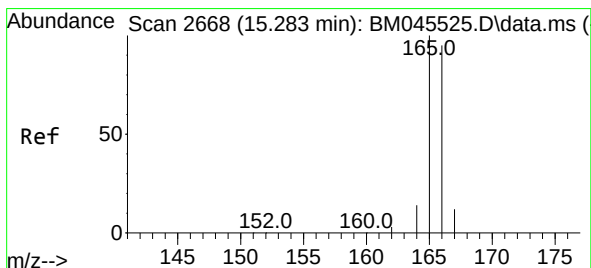
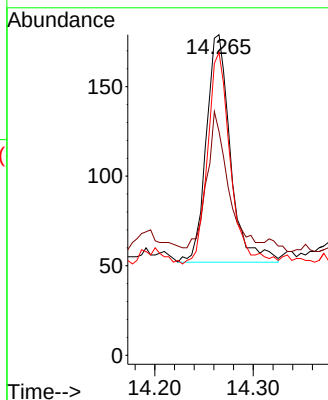
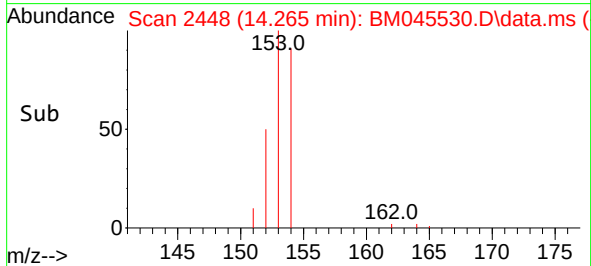
Instrument :
BNA_M
ClientSampleId :
C0S99



Tgt Ion:153 Resp: 210
Ion Ratio Lower Upper
153 100
152 69.8 43.4 65.2
154 94.4 69.0 103.6

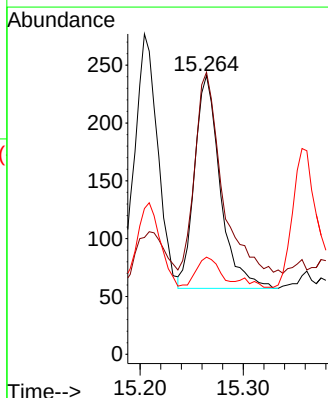
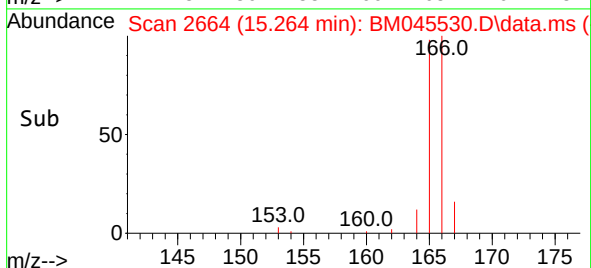
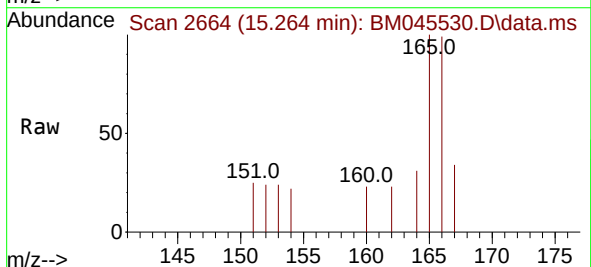
Manual Integrations
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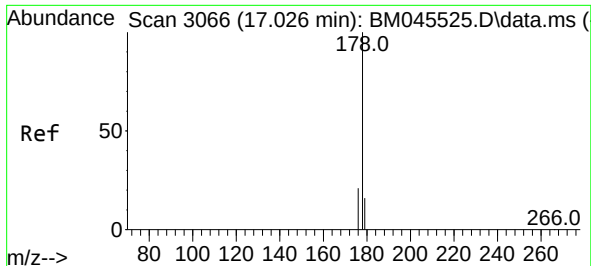
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#12
Fluorene
Concen: 0.050 ng/ul
RT: 15.264 min Scan# 2664
Delta R.T. -0.014 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

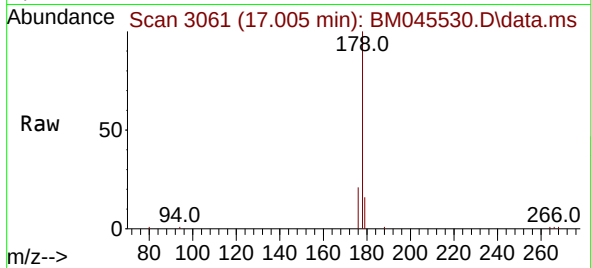
Tgt Ion:166 Resp: 318
Ion Ratio Lower Upper
166 100
165 101.2 82.2 123.2
167 34.9 14.8 22.2#





#15
Phenanthrene
Concen: 0.994 ng/u1
RT: 17.005 min Scan# 3061
Delta R.T. -0.017 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

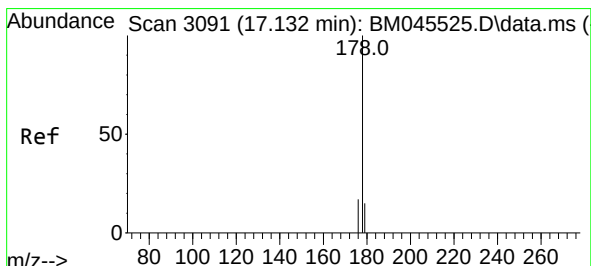
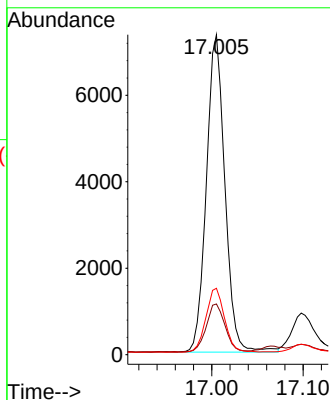
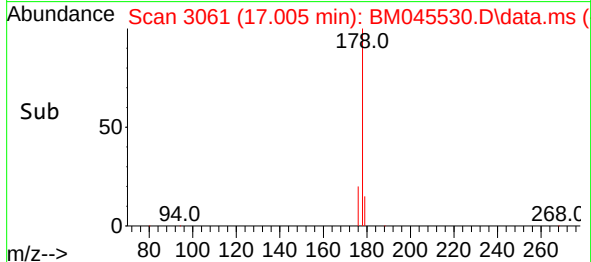
Instrument :
BNA_M
ClientSampleId :
C0S99



Tgt Ion:178 Resp: 1034
Ion Ratio Lower Upper
178 100
179 15.9 15.4 23.2
176 20.8 19.0 28.4

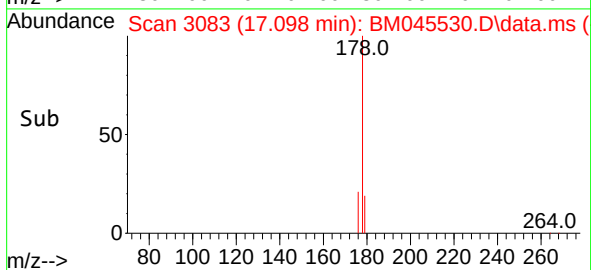
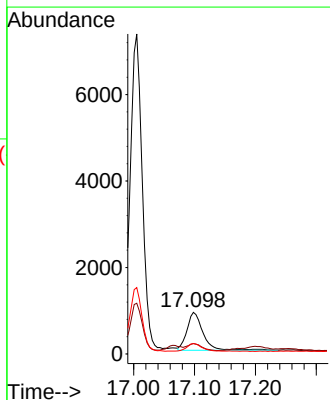
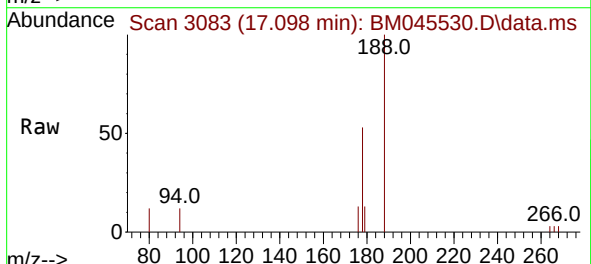
Manual Integrations
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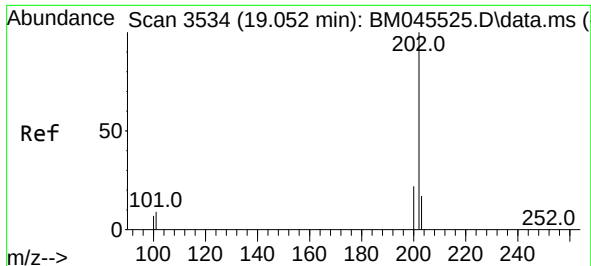
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#16
Anthracene
Concen: 0.165 ng/u1
RT: 17.098 min Scan# 3083
Delta R.T. -0.021 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

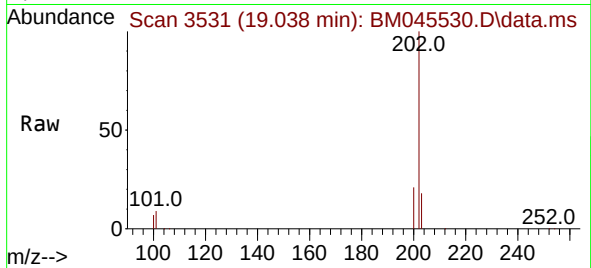
Tgt Ion:178 Resp: 1607
Ion Ratio Lower Upper
178 100
179 25.1 17.8 26.6
176 25.1 18.7 28.1





#19
Fluoranthene
Concen: 1.548 ng/u1
RT: 19.038 min Scan# 3099
Delta R.T. -0.009 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

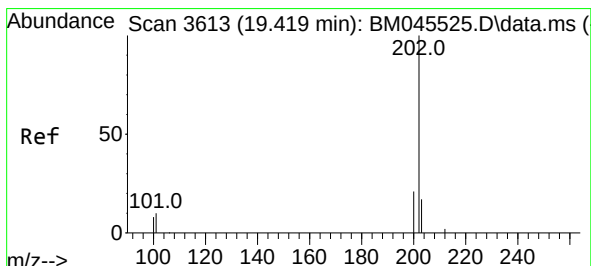
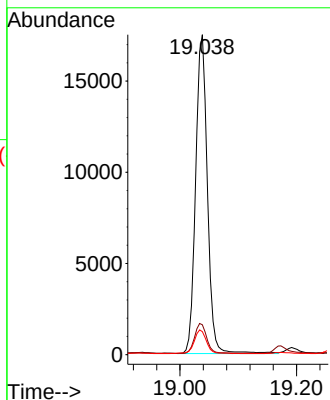
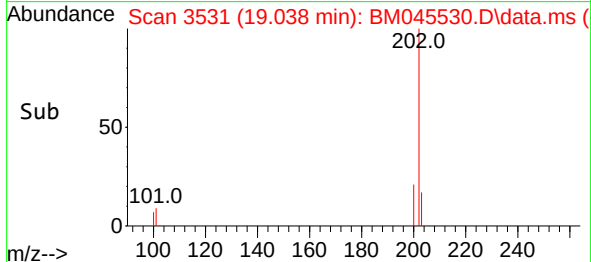
Instrument :
BNA_M
ClientSampleId :
C0S99



Tgt Ion:202 Resp: 2445
Ion Ratio Lower Upper
202 100
101 9.3 11.2 16.8#
100 7.2 9.1 13.7#

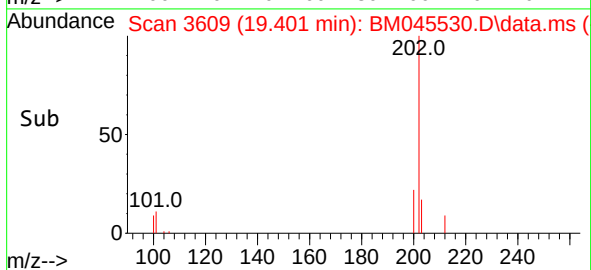
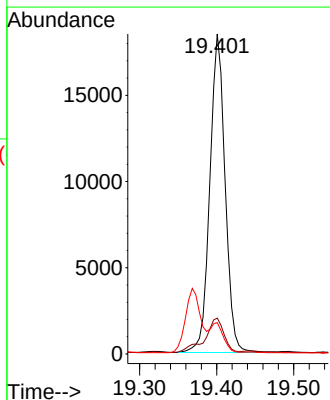
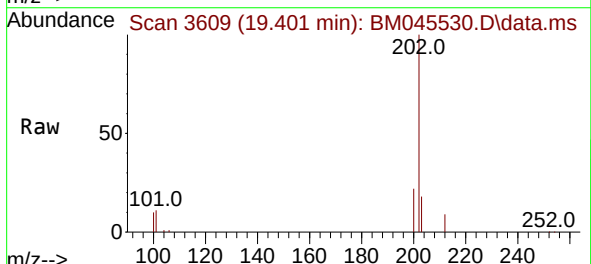
Manual Integrations
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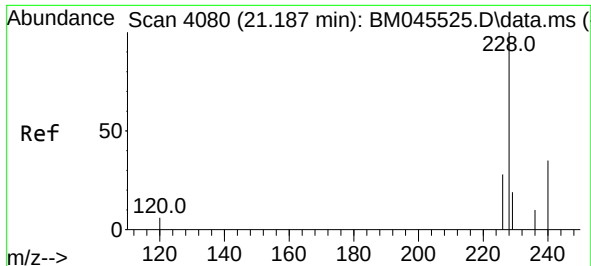
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#20
Pyrene
Concen: 1.568 ng/u1
RT: 19.401 min Scan# 3609
Delta R.T. -0.014 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

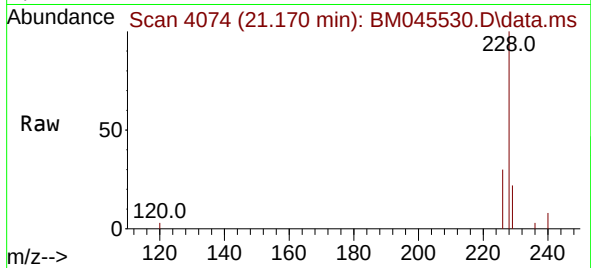
Tgt Ion:202 Resp: 25455
Ion Ratio Lower Upper
202 100
101 11.2 11.5 17.3#
100 9.8 10.6 15.8#





#21
Benzo(a)anthracene
Concen: 0.874 ng/u1
RT: 21.170 min Scan# 4074
Delta R.T. -0.012 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

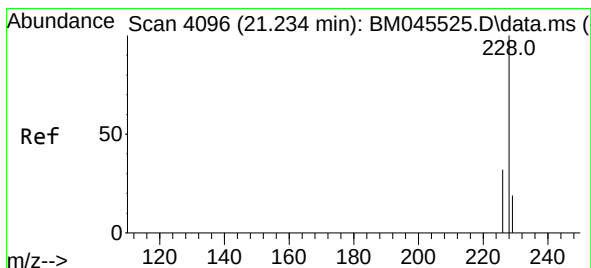
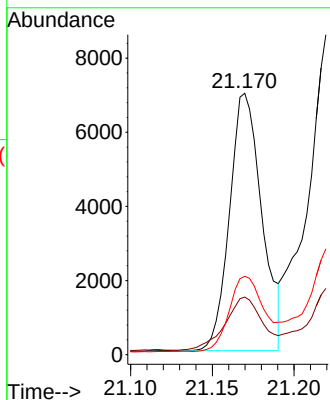
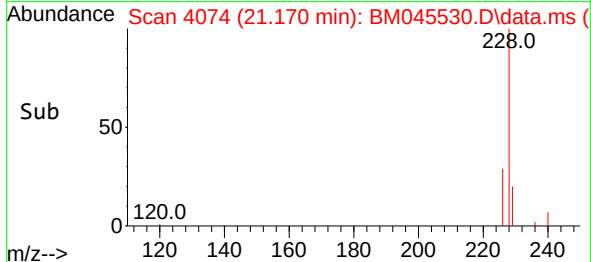
Instrument :
BNA_M
ClientSampleId :
C0S99



Tgt Ion:228 Resp: 956
Ion Ratio Lower Upper
228 100
229 22.0 19.4 29.2
226 30.0 26.3 39.5

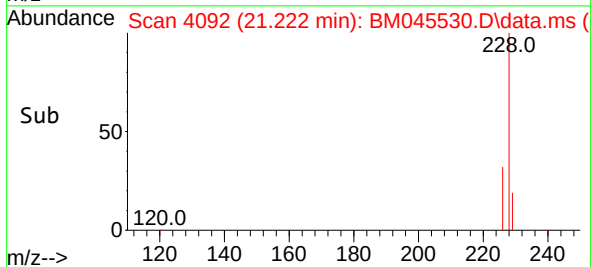
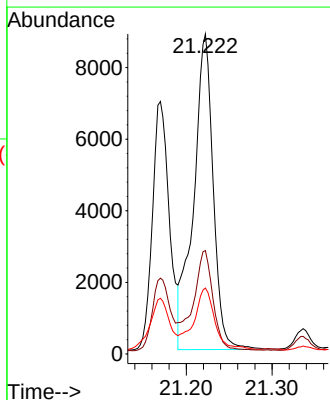
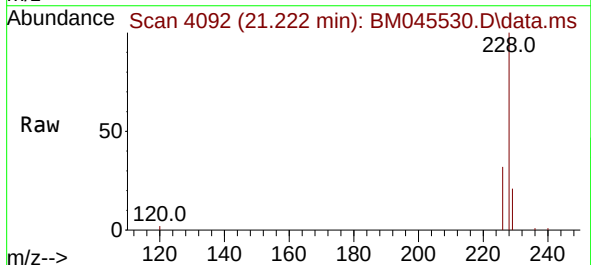
Manual Integrations
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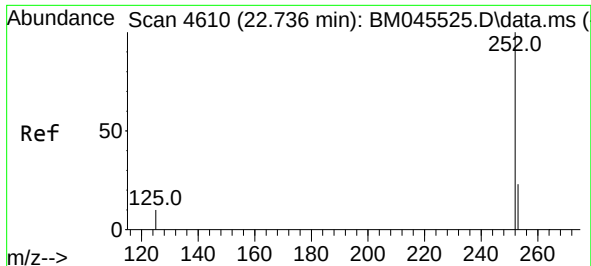
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#22
Chrysene
Concen: 0.837 ng/u1
RT: 21.222 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

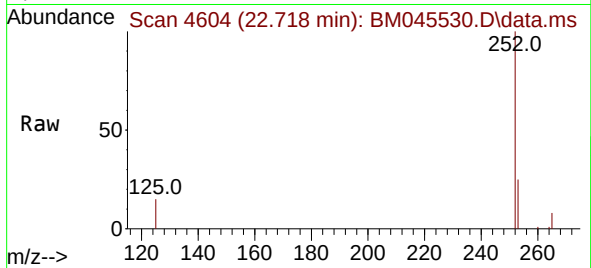
Tgt Ion:228 Resp: 14083
Ion Ratio Lower Upper
228 100
226 32.3 26.3 39.5
229 20.6 17.8 26.8





#24
Benzo(b)fluoranthene
Concen: 1.538 ng/ul m
RT: 22.718 min Scan# 4604
Delta R.T. -0.012 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

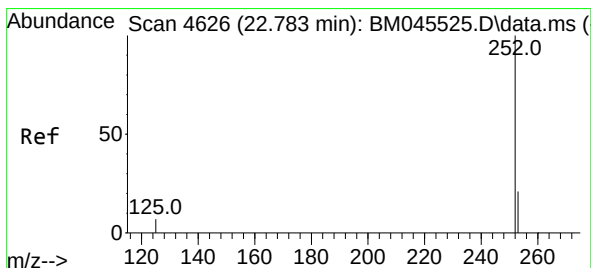
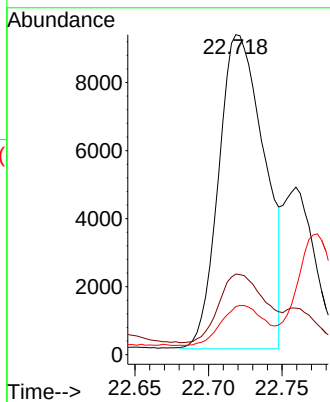
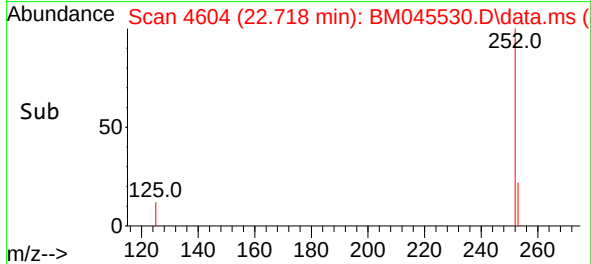
Instrument :
BNA_M
ClientSampleId :
C0S99



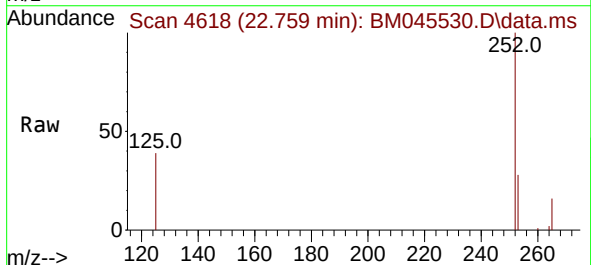
Tgt Ion:252 Resp: 19890
Ion Ratio Lower Upper
252 100
253 25.2 0.0 63.4
125 15.1 0.0 36.8

Manual Integrations
APPROVED

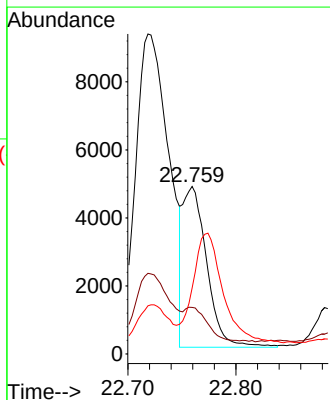
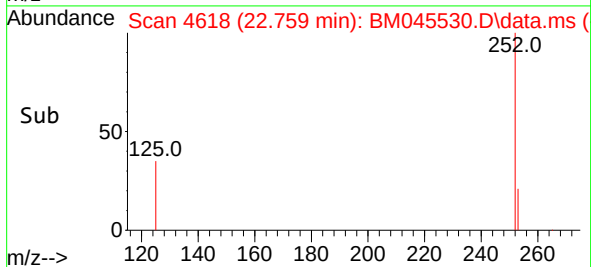
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024

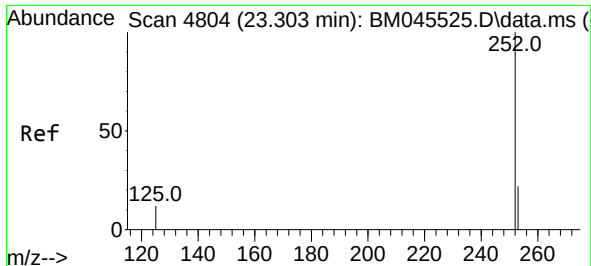


#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul m
RT: 22.759 min Scan# 4618
Delta R.T. -0.012 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12



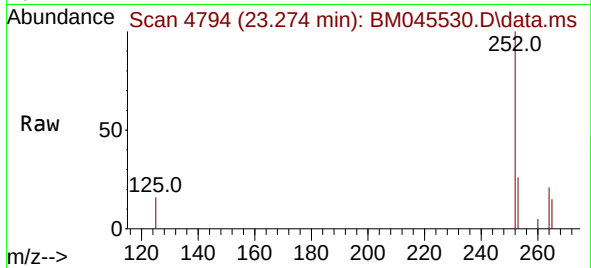
Tgt Ion:252 Resp: 7281
Ion Ratio Lower Upper
252 100
253 27.8 25.4 38.0
125 39.4 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.983 ng/ul
RT: 23.274 min Scan# 4794
Delta R.T. -0.017 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

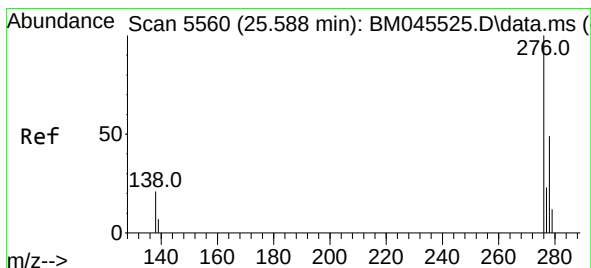
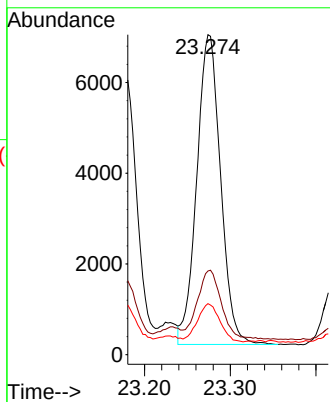
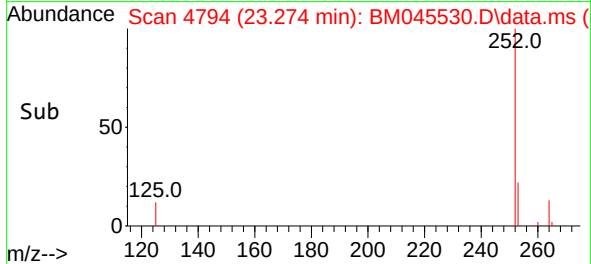
Instrument :
BNA_M
ClientSampleId :
COS99



Tgt Ion:252 Resp: 13194
Ion Ratio Lower Upper
252 100
253 26.1 31.6 47.4#
125 15.9 19.5 29.3#

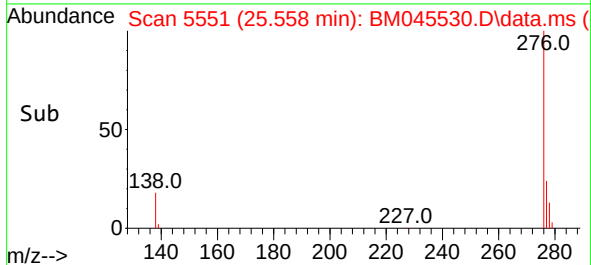
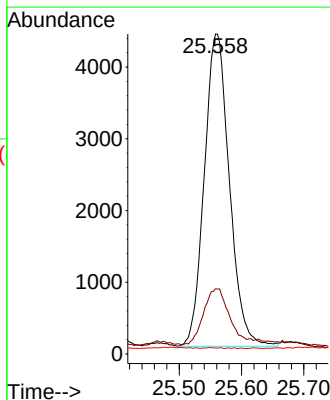
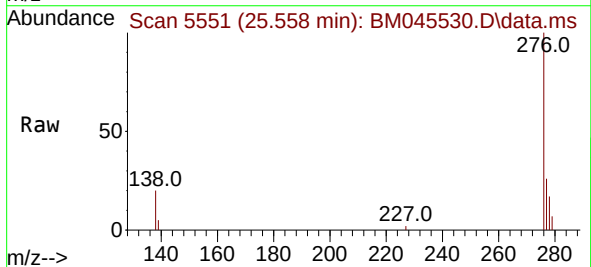
Manual Integrations
APPROVED

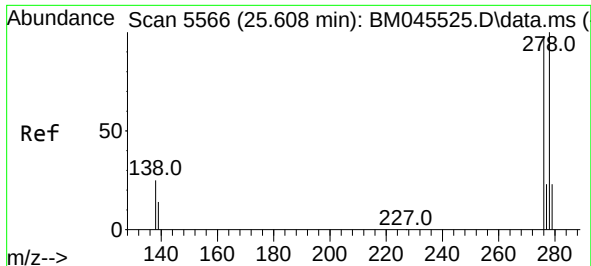
Reviewed By :Yogesh Patel 04/25/2024
Supervised By :mohammad ahmed 04/27/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.625 ng/ul
RT: 25.558 min Scan# 5551
Delta R.T. -0.013 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

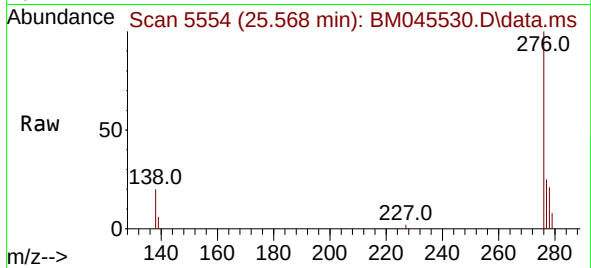
Tgt Ion:276 Resp: 12194
Ion Ratio Lower Upper
276 100
138 19.6 19.8 29.6#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 25.568 min Scan# 51
Delta R.T. -0.020 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12

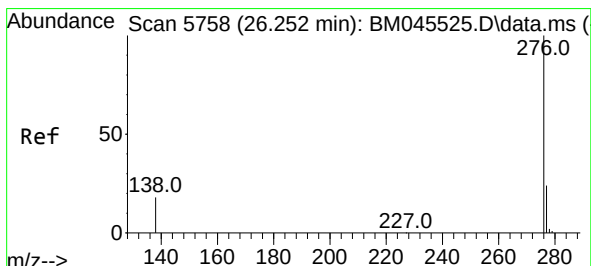
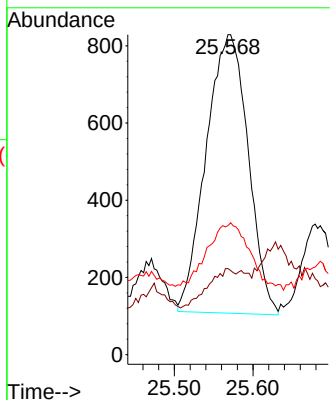
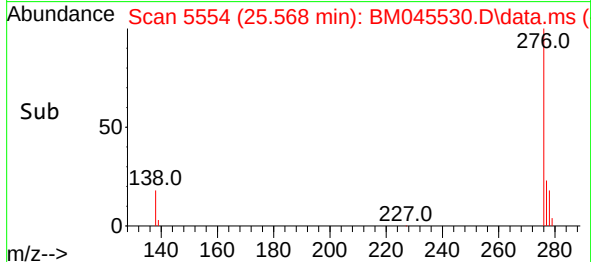
Instrument :
BNA_M
ClientSampleId :
C0S99



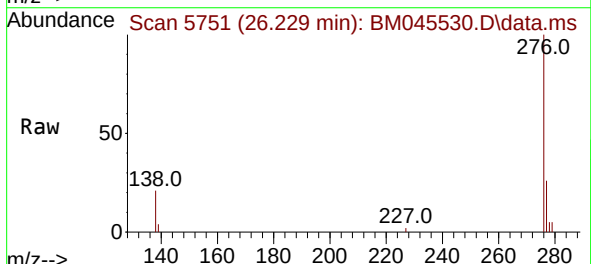
Tgt Ion: 278 Resp: 268
Ion Ratio Lower Upper
278 100
139 26.9 19.0 28.6
279 40.3 29.4 44.2

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 04/25/2024
Supervised By : mohammad ahmed 04/27/2024



#29
Benzo(g,h,i)perylene
Concen: 0.652 ng/ul
RT: 26.229 min Scan# 5751
Delta R.T. -0.007 min
Lab File: BM045530.D
Acq: 24 Apr 2024 16:12



Tgt Ion: 276 Resp: 11420
Ion Ratio Lower Upper
276 100
138 21.4 20.8 31.2
277 25.9 21.8 32.8

