

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
 Data File : BM035099.D
 Acq On : 16 May 2022 12:03
 Operator : CG/JU
 Sample : N2707-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXL87MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 00:50:52 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 18:15:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	9536	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.552	164	6009	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	13091	0.400	ng/ul #	0.00
17) Chrysene-d12	21.476	240	10729	0.400	ng/ul	0.00
23) Perylene-d12	23.862	264	9131	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	765	0.222	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.305	152	5792	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	16361	0.445	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.394	88	1950m	0.563	ng/ul	
5) Naphthalene	10.765	128	10619	0.337	ng/ul#	88
7) 2-Methylnaphthalene	12.376	142	7299	0.353	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	7197	0.374	ng/ul	99
10) Acenaphthylene	14.270	152	12055	0.339	ng/ul#	90
11) Acenaphthene	14.612	153	8699	0.339	ng/ul	96
12) Fluorene	15.597	166	10503	0.350	ng/ul#	96
14) Pentachlorophenol	16.946	266	3772	0.763	ng/ul	97
15) Phenanthrene	17.334	178	18797	0.377	ng/ul	94
16) Anthracene	17.423	178	17229	0.379	ng/ul#	91
19) Fluoranthene	19.350	202	23079	0.383	ng/ul	98
20) Pyrene	19.712	202	23680	0.387	ng/ul	99
21) Benzo(a)anthracene	21.459	228	20048	0.404	ng/ul	97
22) Chrysene	21.511	228	20428	0.395	ng/ul	98
24) Benzo(b)fluoranthene	23.137	252	18634	0.389	ng/ul	91
25) Benzo(k)fluoranthene	23.183	252	18102	0.396	ng/ul#	89
26) Benzo(a)pyrene	23.756	252	16750	0.385	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.333	276	17524	0.407	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.353	278	14234	0.415	ng/ul#	90
29) Benzo(g,h,i)perylene	27.091	276	15028	0.405	ng/ul	95

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

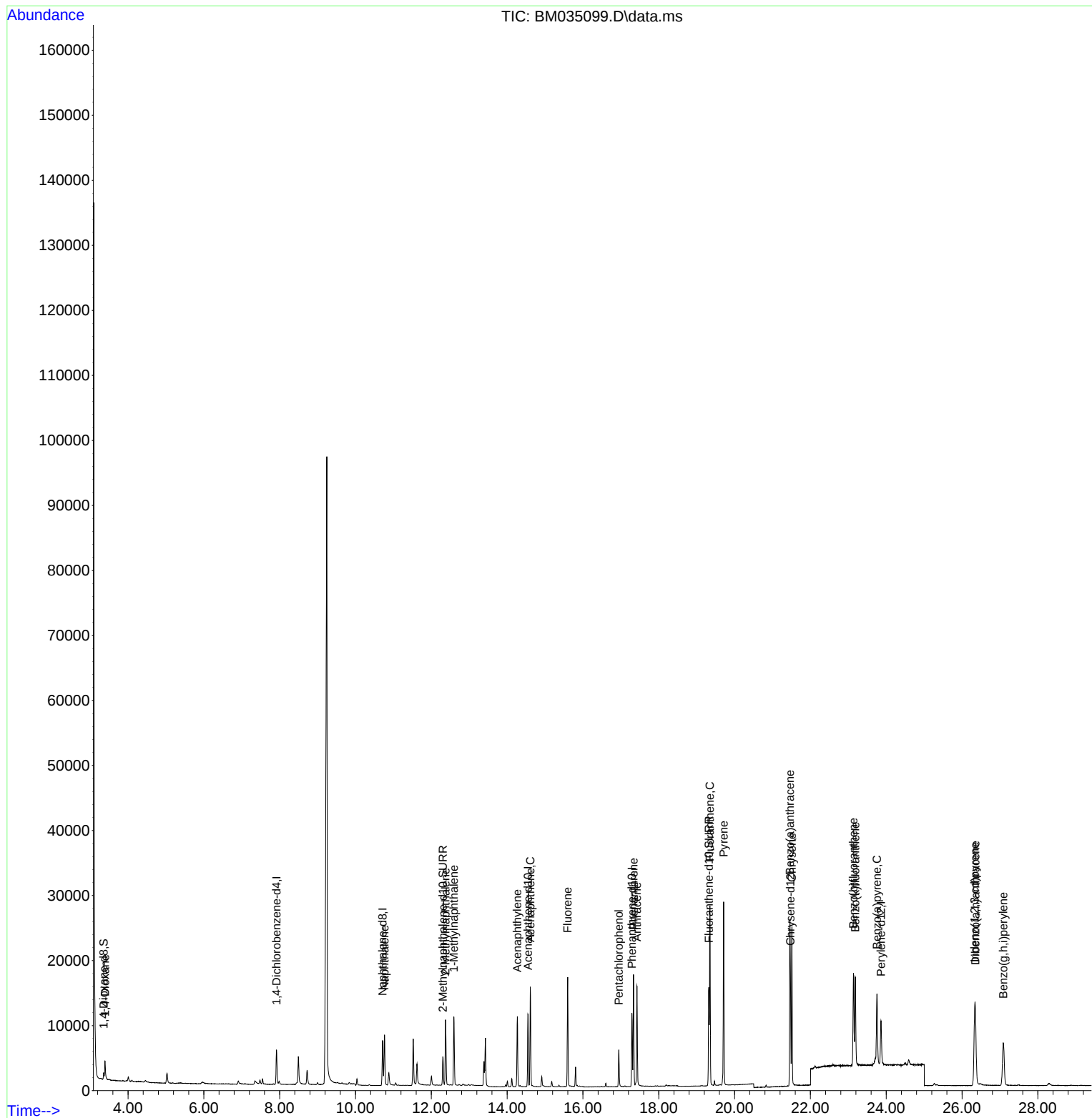
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051622\
Data File : BM035099.D
Acq On : 16 May 2022 12:03
Operator : CG/JU
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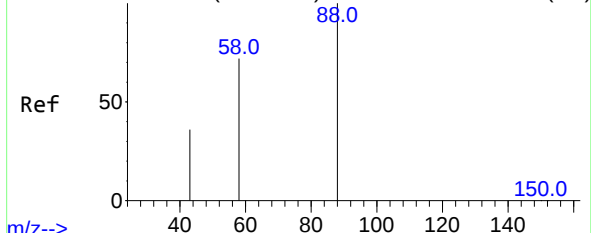
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

Quant Time: May 17 00:50:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 18:15:39 2022
Response via : Initial Calibration



Abundance Scan 74 (3.394 min): BM035095.D\data.ms (-66) #2



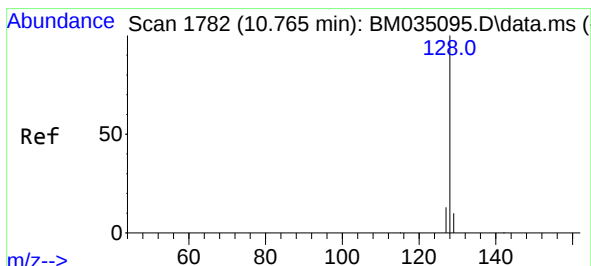
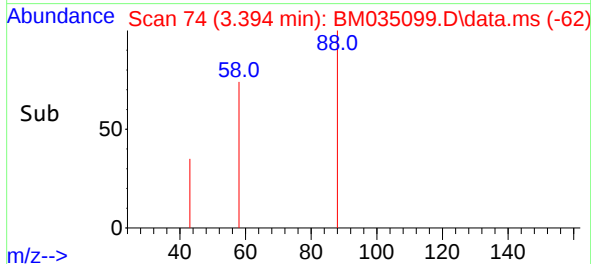
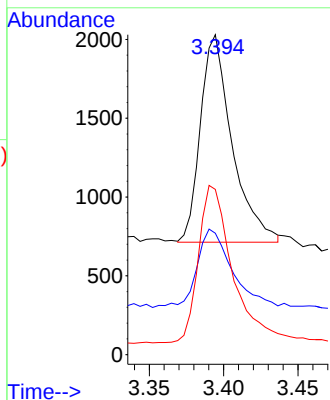
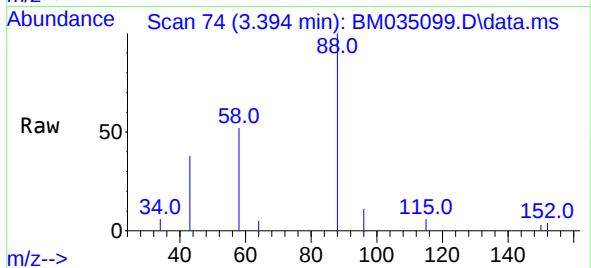
1,4-Dioxane
Concen: 0.563 ng/ul m
RT: 3.394 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion: 88 Resp: 1950
Ion Ratio Lower Upper
88 100
43 37.9 49.7 74.5
58 51.6 52.5 78.7

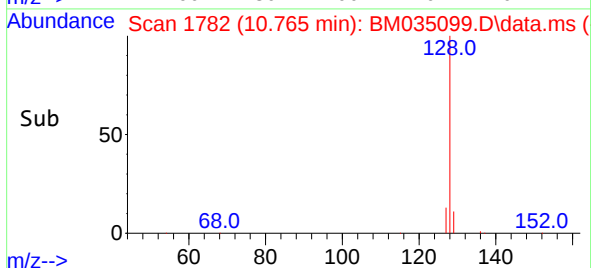
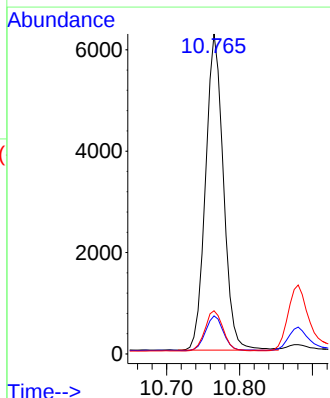
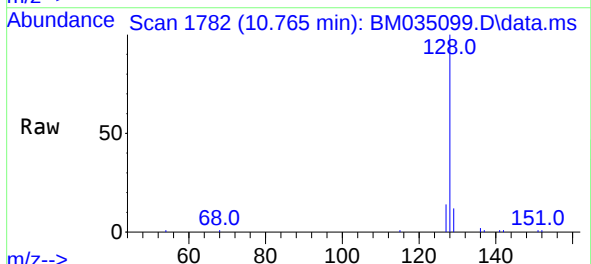
Manual Integrations
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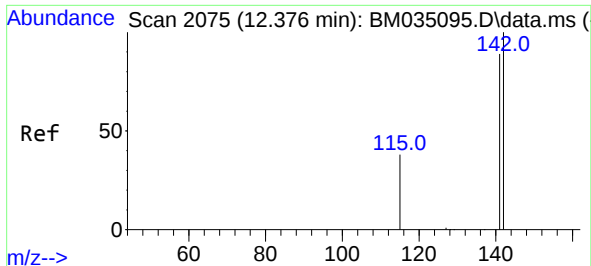
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#5
Naphthalene
Concen: 0.337 ng/ul
RT: 10.765 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

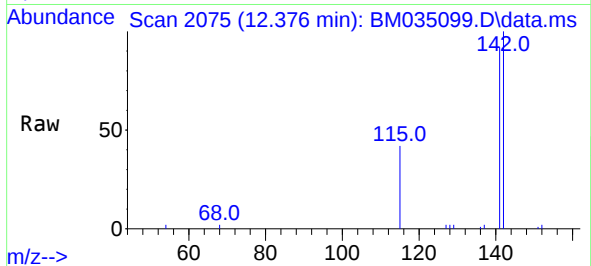
Tgt Ion:128 Resp: 10619
Ion Ratio Lower Upper
128 100
129 11.9 13.4 20.2#
127 13.5 15.2 22.8#





#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.376 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

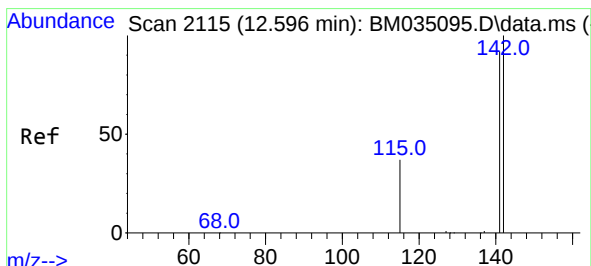
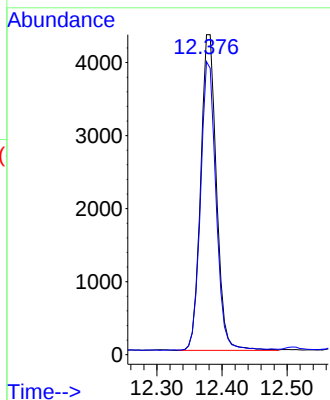
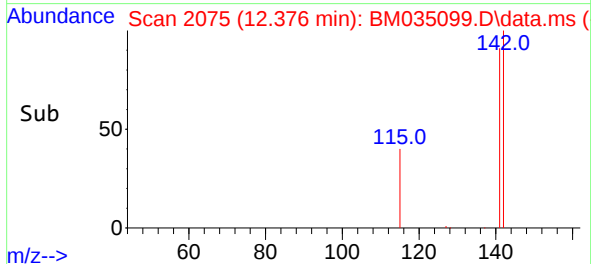
Instrument :
BNA_M
ClientSampleId :
EXL87MS



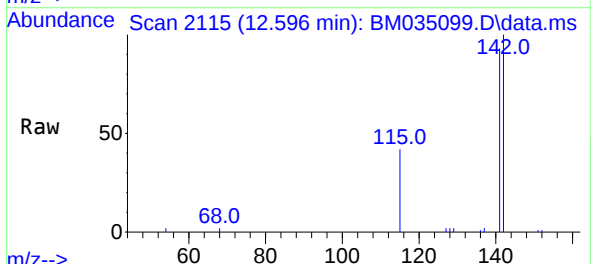
Tgt Ion:142 Resp: 7298
Ion Ratio Lower Upper
142 100
141 90.1 71.8 107.6

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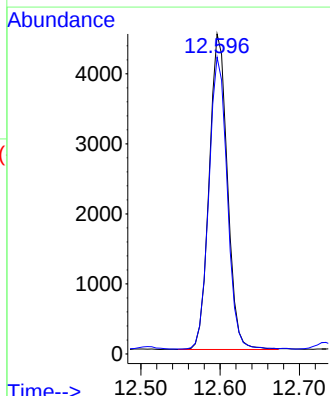
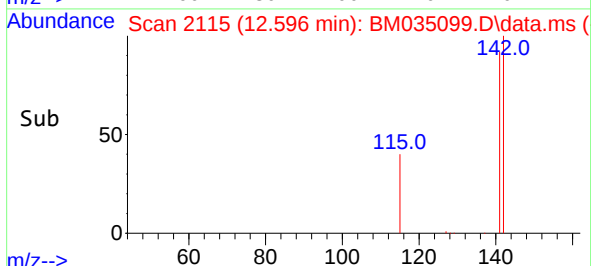
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

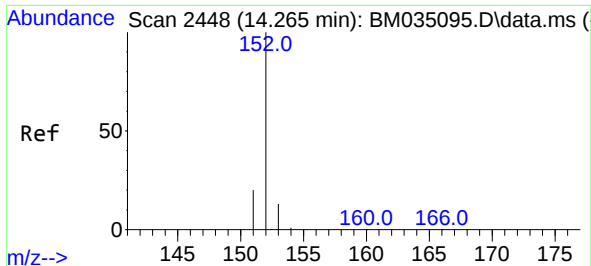


#8
1-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 12.596 min Scan# 2115
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03



Tgt Ion:142 Resp: 7197
Ion Ratio Lower Upper
142 100
141 92.9 75.0 112.4





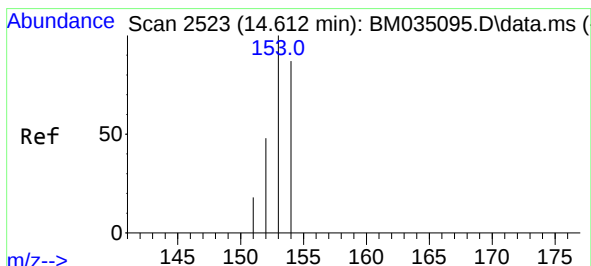
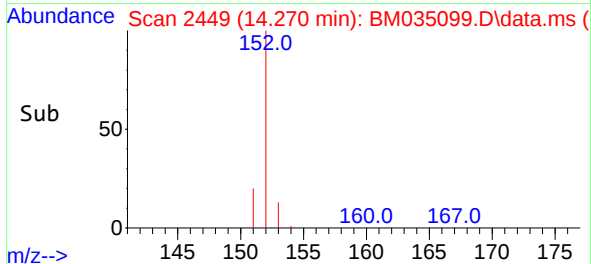
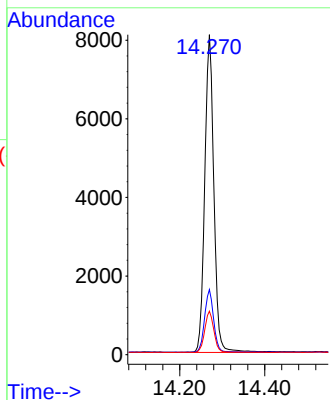
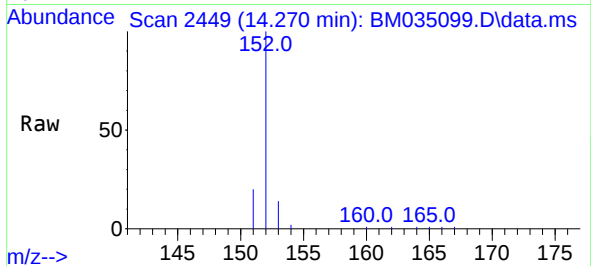
#10
Acenaphthylene
Concen: 0.339 ng/u1
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

Instrument :
BNA_M
ClientSampleId :
EXL87MS

Tgt Ion:152 Resp: 1205
Ion Ratio Lower Upper
152 100
151 20.4 19.9 29.9
153 13.6 15.0 22.4

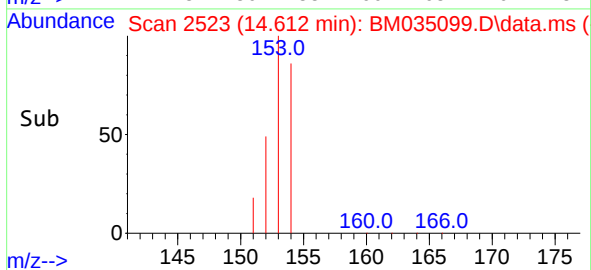
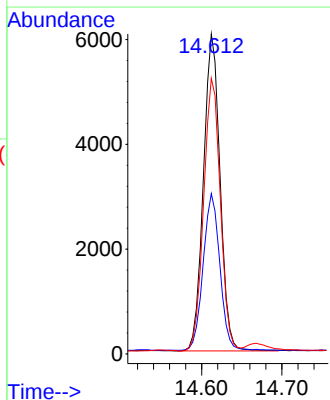
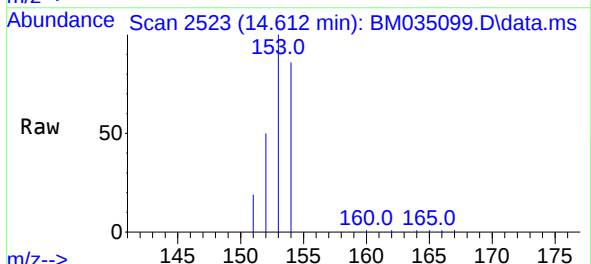
Manual Integrations
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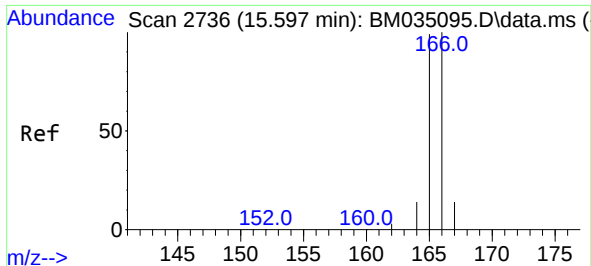
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#11
Acenaphthene
Concen: 0.339 ng/u1
RT: 14.612 min Scan# 2523
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

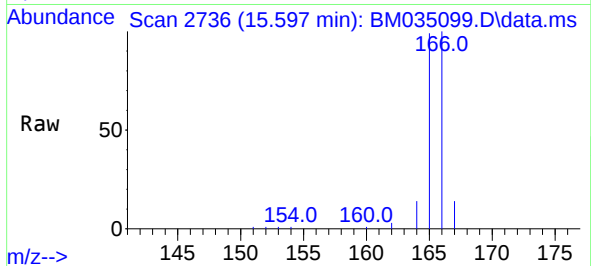
Tgt Ion:153 Resp: 8699
Ion Ratio Lower Upper
153 100
152 50.1 42.4 63.6
154 86.2 66.2 99.2





#12
Fluorene
Concen: 0.350 ng/ul
RT: 15.597 min Scan# 2736
Delta R.T. -0.005 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

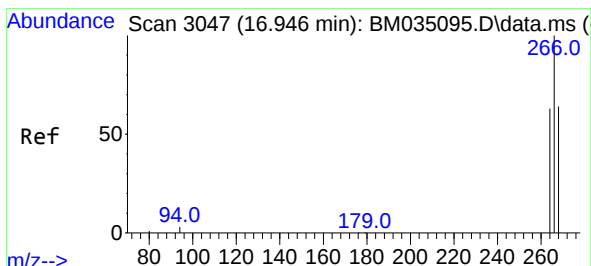
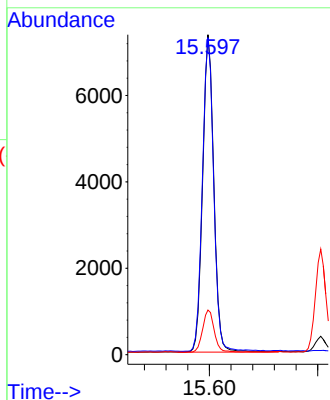
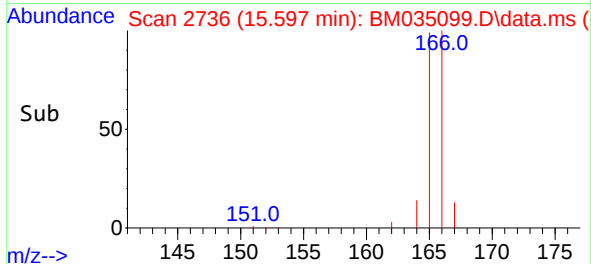
Instrument :
BNA_M
ClientSampleId :
EXL87MS



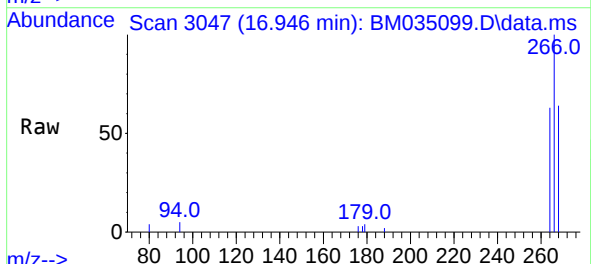
Tgt Ion:166 Resp: 1050
Ion Ratio Lower Upper
166 100
165 99.1 81.1 121.7
167 13.9 14.9 22.3

Manual Integrations
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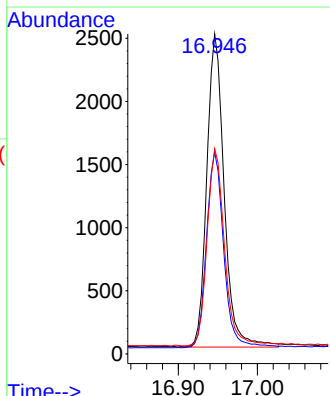
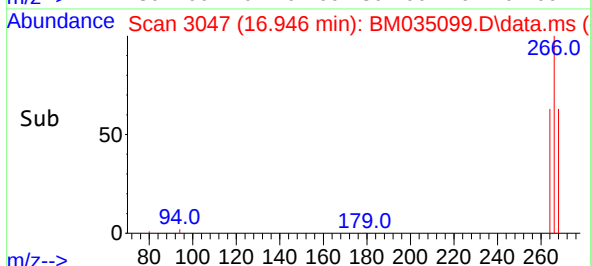
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

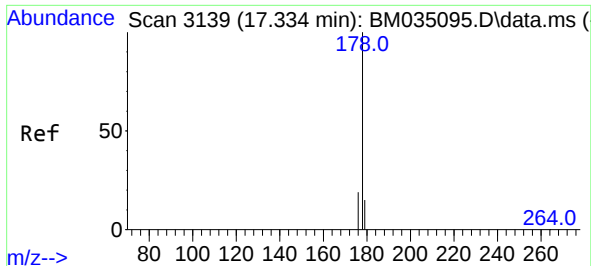


#14
Pentachlorophenol
Concen: 0.763 ng/ul
RT: 16.946 min Scan# 3047
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03



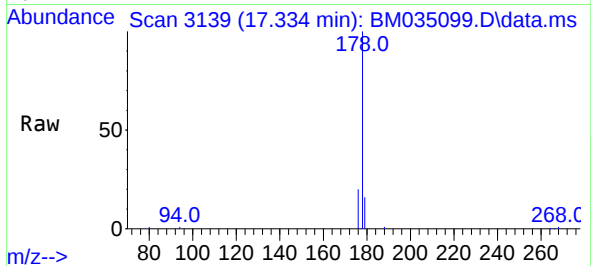
Tgt Ion:266 Resp: 3772
Ion Ratio Lower Upper
266 100
264 62.0 51.4 77.0
268 63.3 53.1 79.7





#15
Phenanthrene
Concen: 0.377 ng/u1
RT: 17.334 min Scan# 3139
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

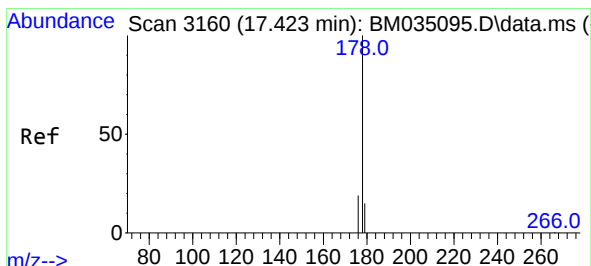
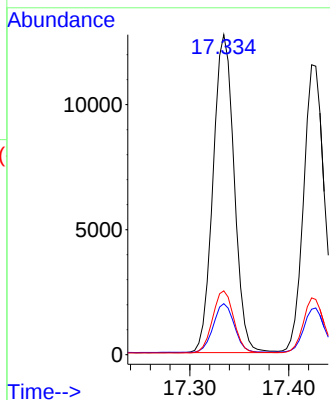
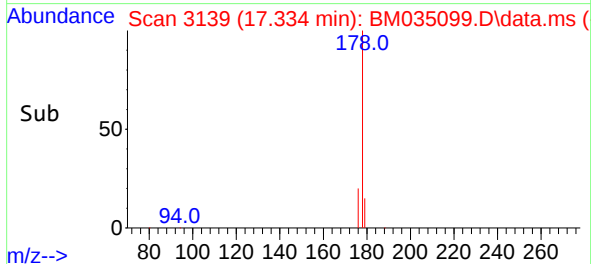
Instrument :
BNA_M
ClientSampleId :
EXL87MS



Tgt Ion:178 Resp: 1879
Ion Ratio Lower Upper
178 100
179 15.9 15.0 22.6
176 19.9 17.9 26.9

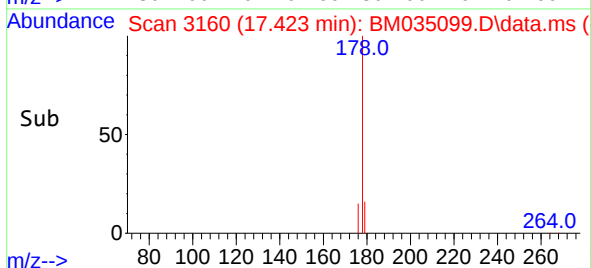
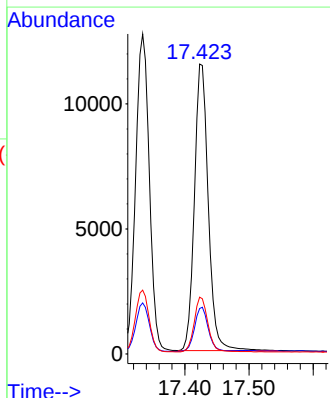
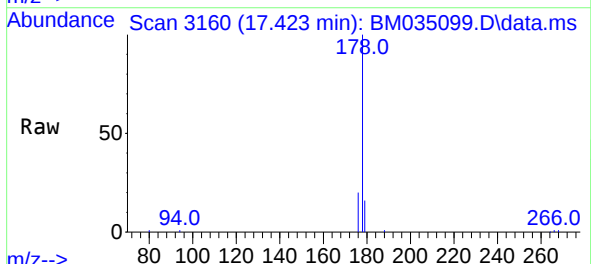
Manual Integrations
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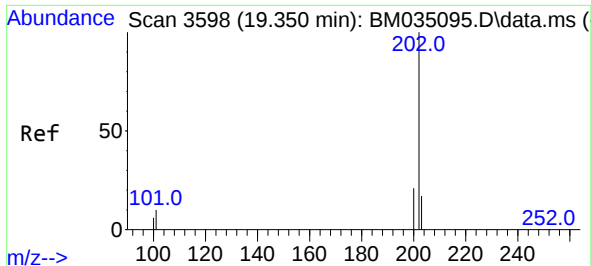
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#16
Anthracene
Concen: 0.379 ng/u1
RT: 17.423 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

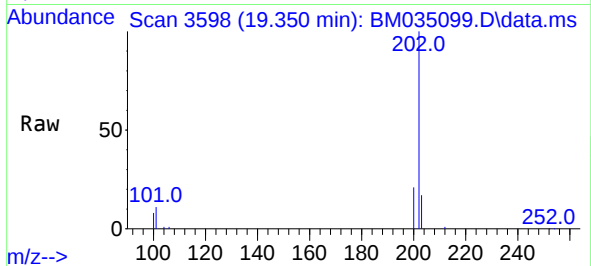
Tgt Ion:178 Resp: 17229
Ion Ratio Lower Upper
178 100
179 15.7 16.5 24.7#
176 19.6 18.3 27.5





#19
Fluoranthene
Concen: 0.383 ng/u1
RT: 19.350 min Scan# 3598
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

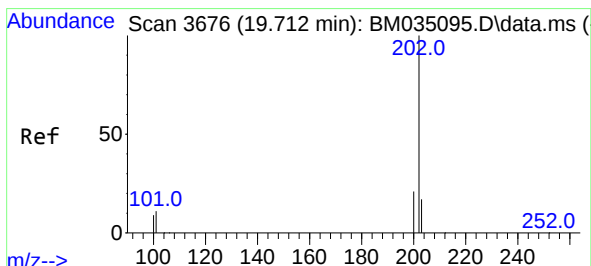
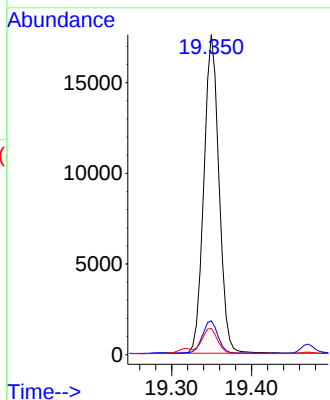
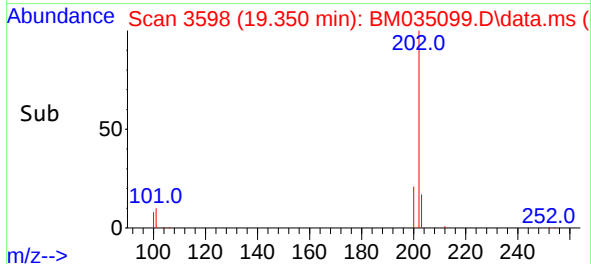
Instrument :
BNA_M
ClientSampleId :
EXL87MS



Tgt Ion:202 Resp: 23079
Ion Ratio Lower Upper
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101 10.6 9.2 13.8
100 8.2 7.2 10.8

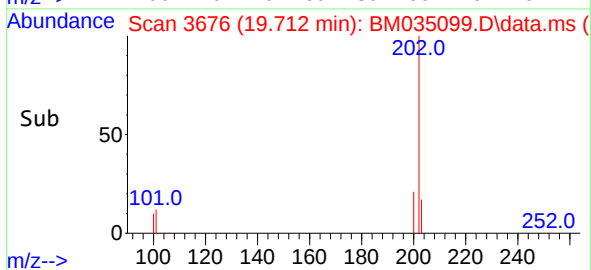
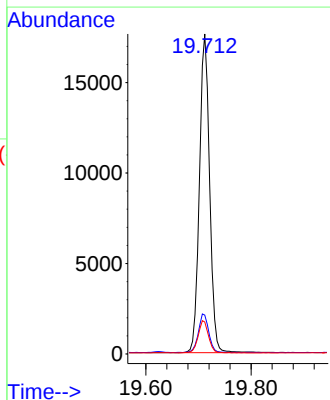
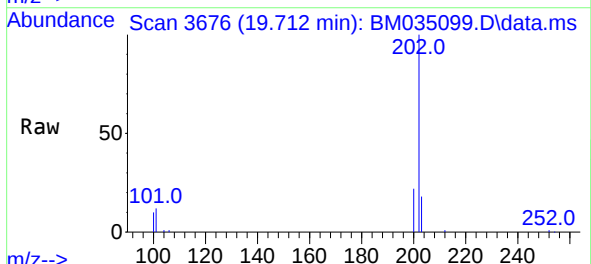
Manual Integrations
APPROVED

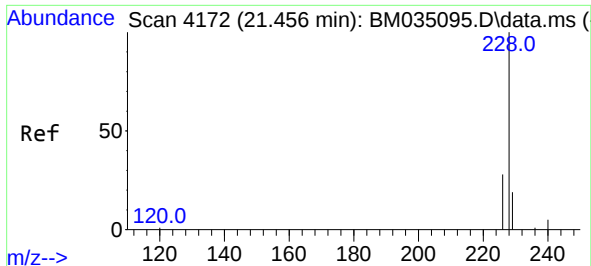
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#20
Pyrene
Concen: 0.387 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

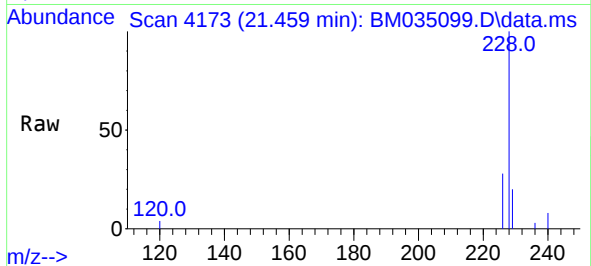
Tgt Ion:202 Resp: 23680
Ion Ratio Lower Upper
202 100
101 12.2 9.3 13.9
100 10.0 7.8 11.6





#21
Benzo(a)anthracene
Concen: 0.404 ng/u1
RT: 21.459 min Scan# 4172
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

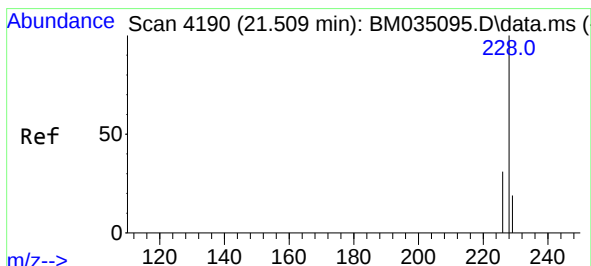
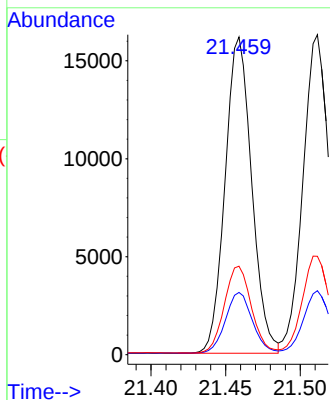
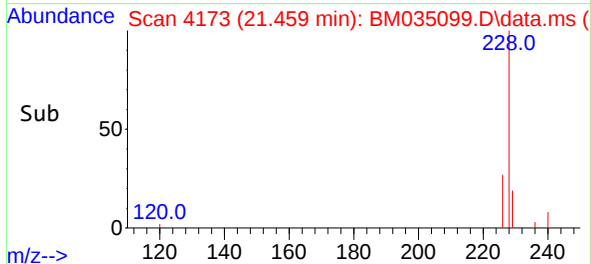
Instrument :
BNA_M
ClientSampleId :
EXL87MS



Tgt Ion:228 Resp: 20048
Ion Ratio Lower Upper
228 100
229 19.6 17.3 25.9
226 27.9 23.2 34.8

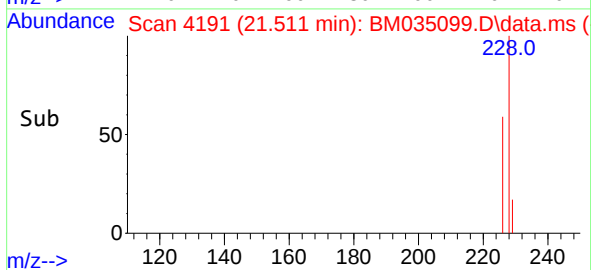
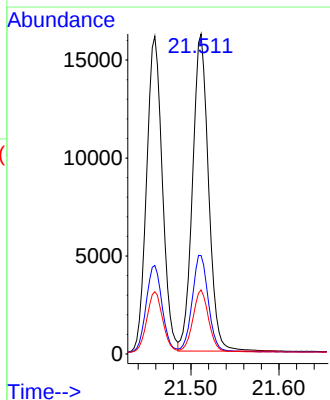
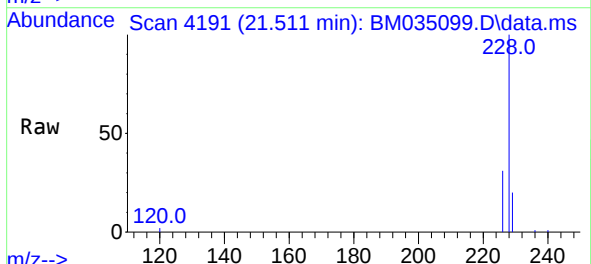
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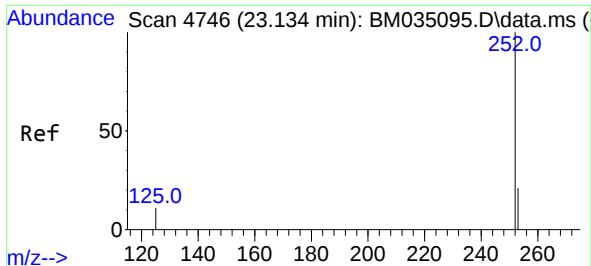
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#22
Chrysene
Concen: 0.395 ng/u1
RT: 21.511 min Scan# 4191
Delta R.T. 0.000 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

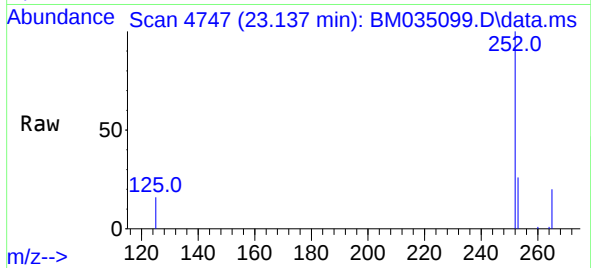
Tgt Ion:228 Resp: 20428
Ion Ratio Lower Upper
228 100
226 30.7 25.8 38.8
229 20.0 16.7 25.1





#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 23.137 min Scan# 4746
Delta R.T. 0.003 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

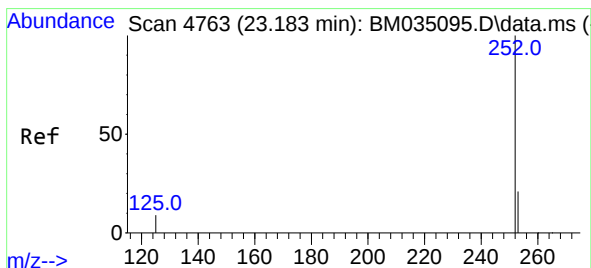
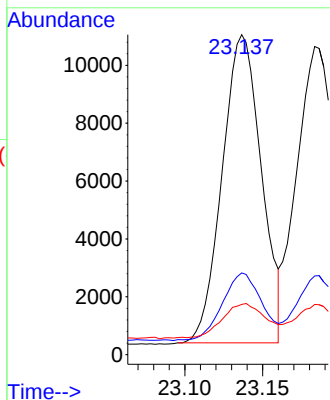
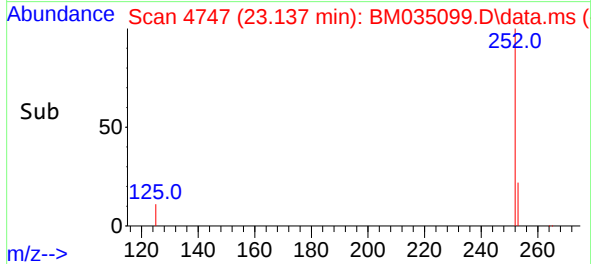
Instrument :
BNA_M
ClientSampleId :
EXL87MS



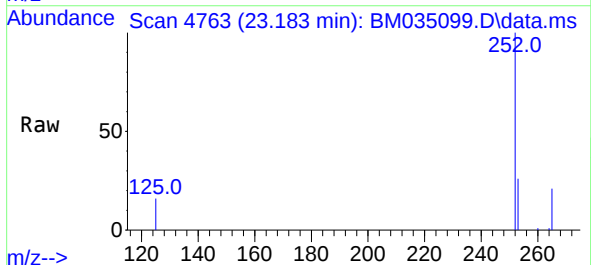
Tgt Ion:252 Resp: 18634
Ion Ratio Lower Upper
252 100
253 25.6 0.0 64.2
125 15.7 0.0 28.8

Manual Integrations
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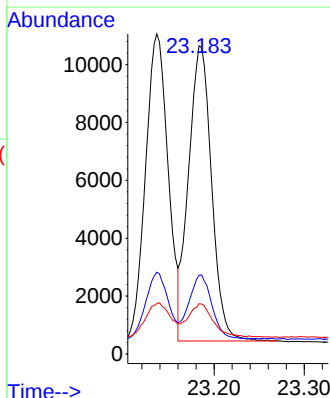
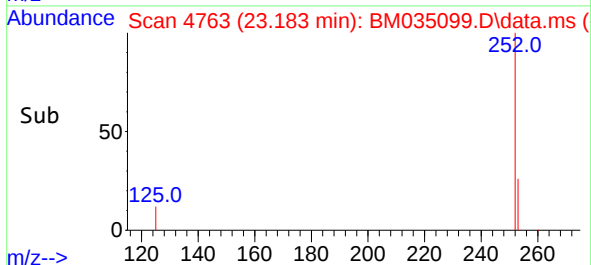
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

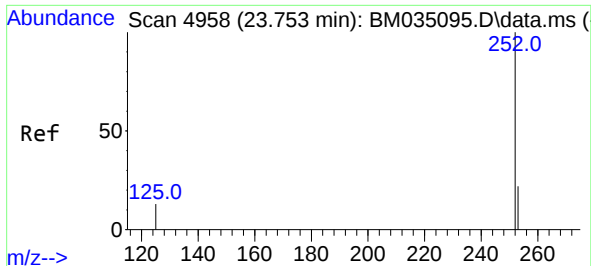


#25
Benzo(k)fluoranthene
Concen: 0.396 ng/ul
RT: 23.183 min Scan# 4763
Delta R.T. 0.003 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03



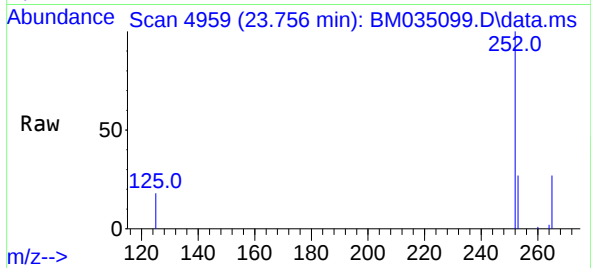
Tgt Ion:252 Resp: 18102
Ion Ratio Lower Upper
252 100
253 25.5 26.8 40.2#
125 16.3 12.0 18.0





#26
Benzo(a)pyrene
Concen: 0.385 ng/u1
RT: 23.756 min Scan# 4958
Delta R.T. 0.006 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

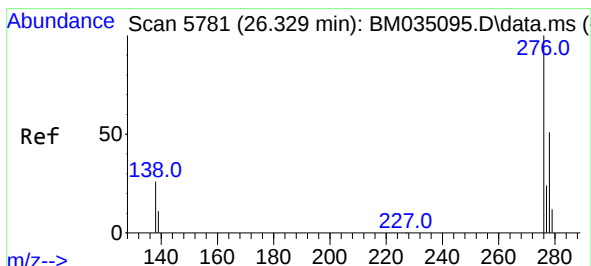
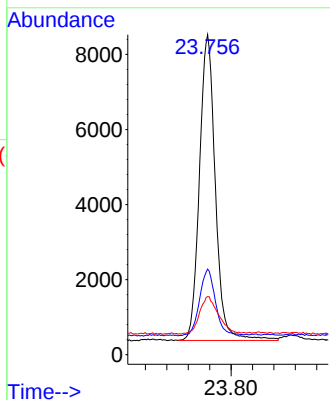
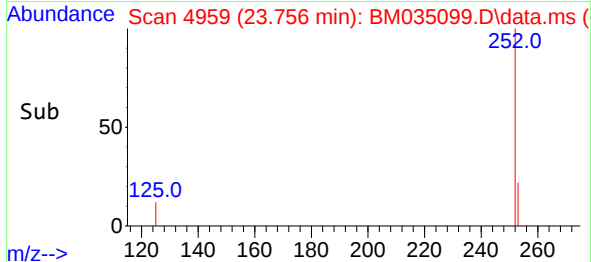
Instrument :
BNA_M
ClientSampleId :
EXL87MS



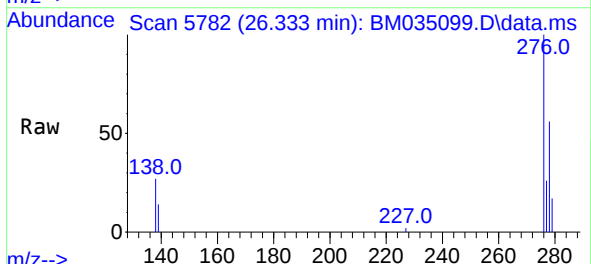
Tgt Ion:252 Resp: 16750
Ion Ratio Lower Upper
252 100
253 26.7 32.0 48.0#
125 18.2 14.5 21.7

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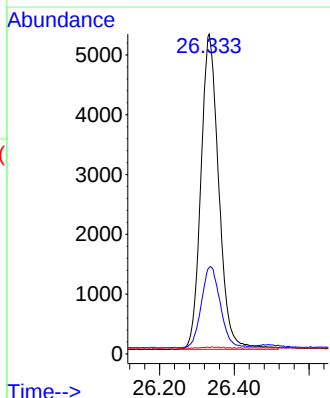
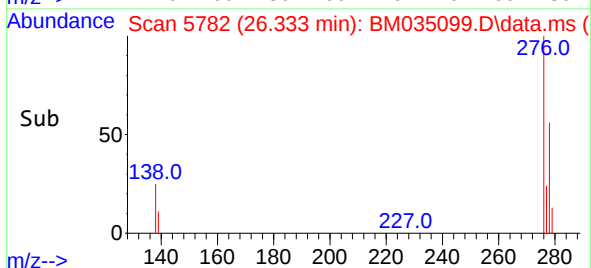
Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022

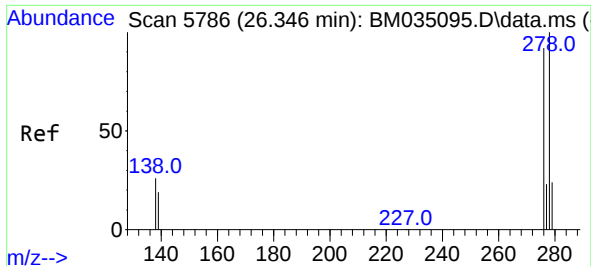


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.407 ng/u1
RT: 26.333 min Scan# 5782
Delta R.T. 0.007 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03



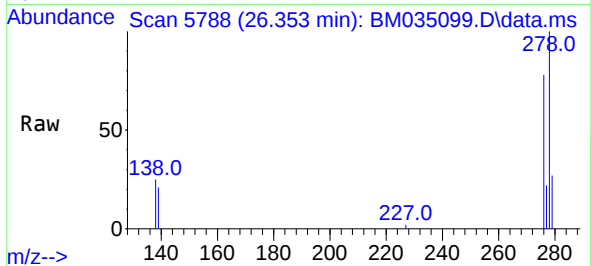
Tgt Ion:276 Resp: 17524
Ion Ratio Lower Upper
276 100
138 27.2 15.8 23.6#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.353 min Scan# 51
Delta R.T. 0.010 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03

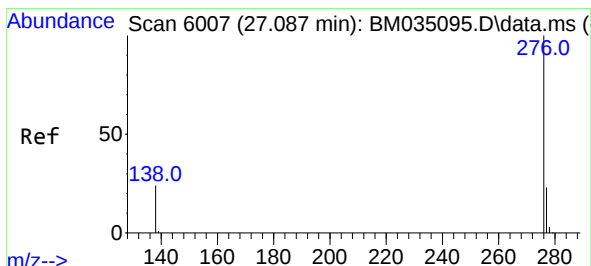
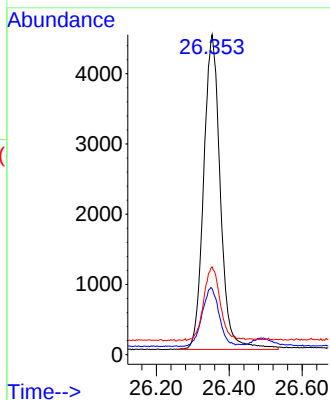
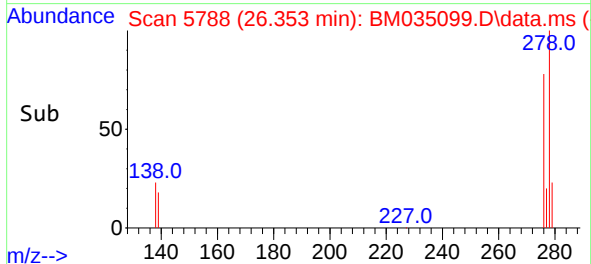
Instrument :
BNA_M
ClientSampleId :
EXL87MS



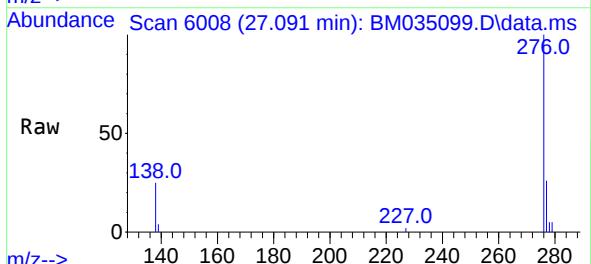
Tgt Ion: 278 Resp: 14234
Ion Ratio Lower Upper
278 100
139 20.6 18.0 27.0
279 27.4 28.6 42.8

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Reviewed By :Jagrut Upadhyay 05/17/2022
Supervised By :mohammad ahmed 05/18/2022



#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 27.091 min Scan# 6008
Delta R.T. 0.010 min
Lab File: BM035099.D
Acq: 16 May 2022 12:03



Tgt Ion: 276 Resp: 15028
Ion Ratio Lower Upper
276 100
138 24.6 17.4 26.0
277 25.7 22.6 33.8

