

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122724\
 Data File : BM049283.D
 Acq On : 28 Dec 2024 09:09
 Operator : RC/JU
 Sample : P5351-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E2922

Manual Integrations
 APPROVED

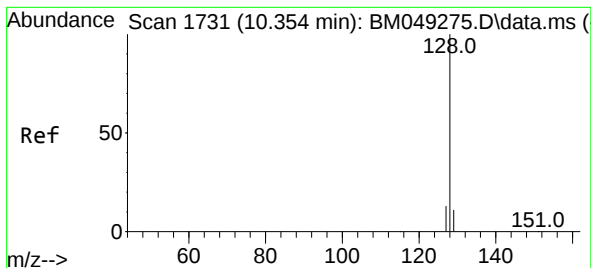
Reviewed By :Yogesh Patel 12/30/2024
 Supervised By :mohammad ahmed 12/30/2024

Quant Time: Dec 29 22:13:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 26 11:35:38 2024
 Response via : Initial Calibration

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

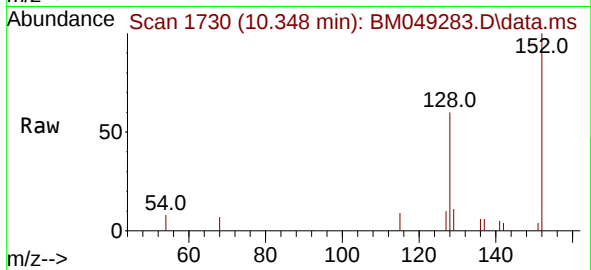
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.539	152	6208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.298	136	20035	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.178	164	12034	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.926	188	28110m	0.400	ng/ul	0.00
17) Chrysene-d12	21.128	240	23561m	0.400	ng/ul	0.00
23) Perylene-d12	23.279	264	23388m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.138	96	20071	2.803	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.899	152	5529	0.205	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	12853m	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.348	128	2346	0.047	ng/ul#	86
7) 2-Methylnaphthalene	11.976	142	1429	0.045	ng/ul	98
8) 1-Methylnaphthalene	12.196	142	1465	0.045	ng/ul	96
10) Acenaphthylene	13.891	152	2811	0.056	ng/ul#	87
11) Acenaphthene	14.238	153	3582	0.098	ng/ul	98
12) Fluorene	15.233	166	6002	0.146	ng/ul	97
15) Phenanthrene	16.968	178	167427m	2.280	ng/ul	
16) Anthracene	17.057	178	49063m	0.728	ng/ul	
19) Fluoranthene	18.993	202	379843m	4.459	ng/ul	
20) Pyrene	19.355	202	282942m	3.114	ng/ul	
21) Benzo(a)anthracene	21.113	228	164481m	2.007	ng/ul	
22) Chrysene	21.166	228	151175m	1.719	ng/ul	
24) Benzo(b)fluoranthene	22.642	252	167942m	2.248	ng/ul	
25) Benzo(k)fluoranthene	22.680	252	61993m	0.756	ng/ul	
26) Benzo(a)pyrene	23.185	252	111580m	1.557	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.410	276	77618m	0.765	ng/ul	
28) Dibenzo(a,h)anthracene	25.413	278	20630m	0.262	ng/ul	
29) Benzo(g,h,i)perylene	26.054	276	76346m	0.936	ng/ul	

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



#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.348 min Scan# 1731
Delta R.T. -0.010 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

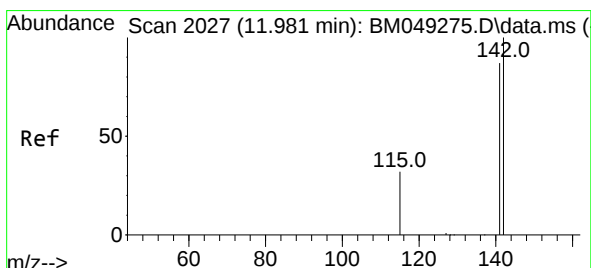
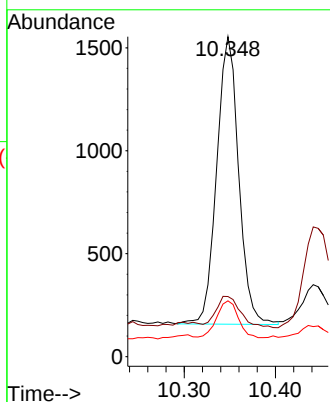
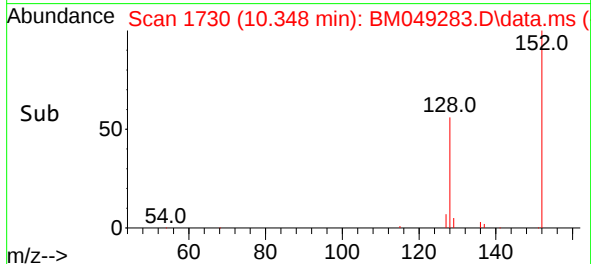
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:128 Resp: 2340
Ion Ratio Lower Upper
128 100
129 18.8 9.7 14.5
127 17.4 10.6 16.0

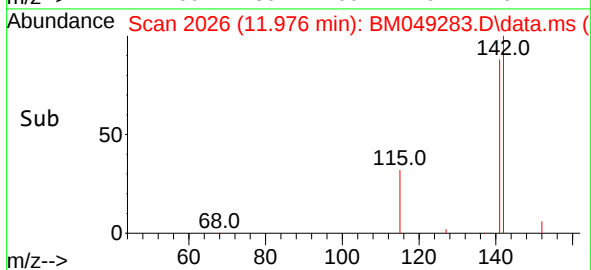
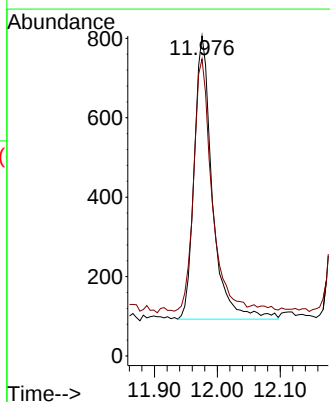
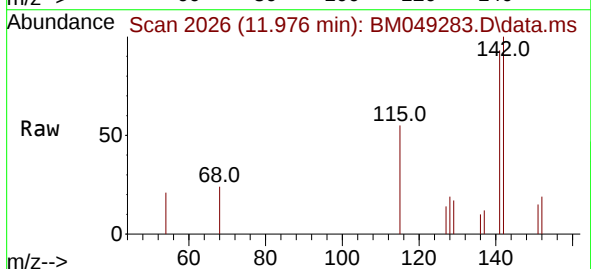
Manual Integrations
APPROVED

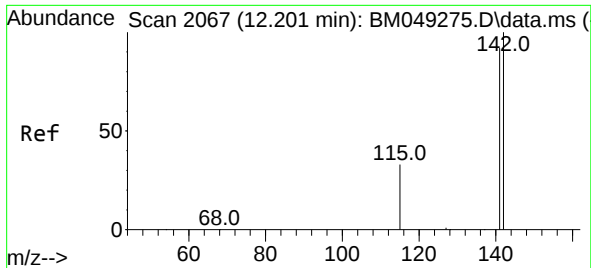
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 11.976 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

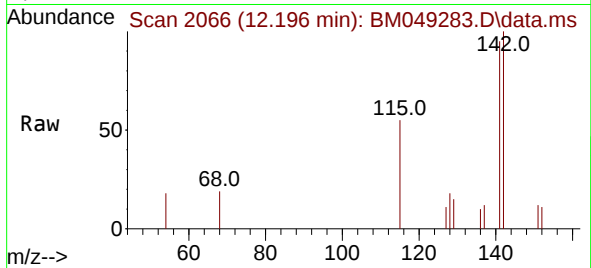
Tgt Ion:142 Resp: 1429
Ion Ratio Lower Upper
142 100
141 91.0 71.7 107.5





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.196 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

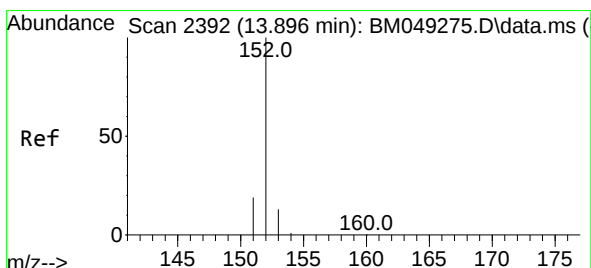
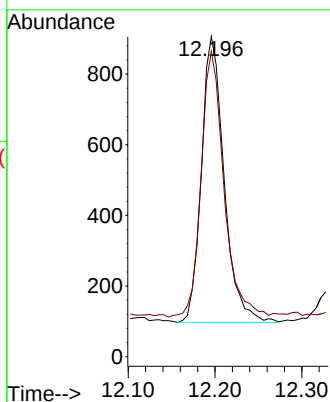
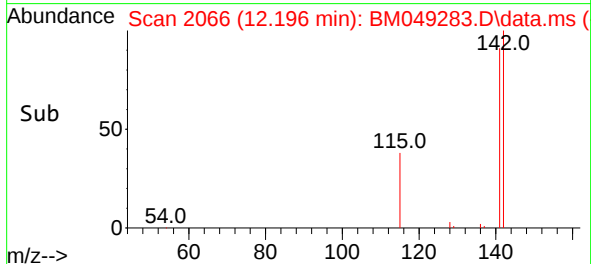
Instrument :
BNA_M
ClientSampleId :
E2922



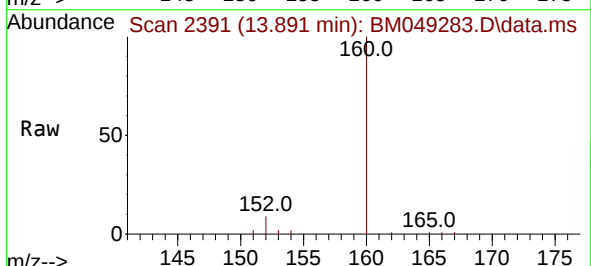
Tgt Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
141 94.3 72.7 109.1

Manual Integrations
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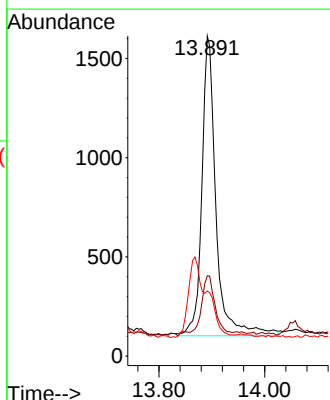
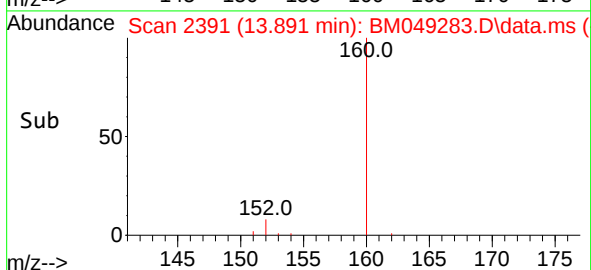
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024

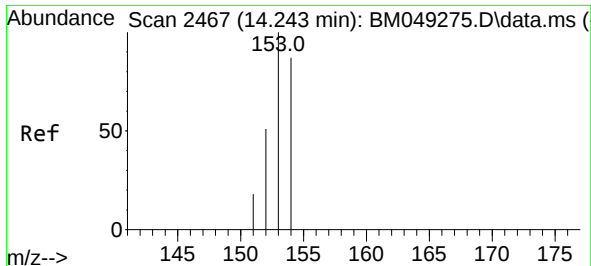


#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.891 min Scan# 2391
Delta R.T. -0.008 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09



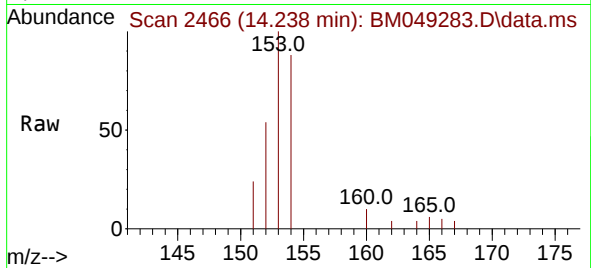
Tgt Ion:152 Resp: 2811
Ion Ratio Lower Upper
152 100
151 25.1 16.0 24.0#
153 20.3 11.0 16.6#





#11
Acenaphthene
Concen: 0.098 ng/ul
RT: 14.238 min Scan# 2466
Delta R.T. -0.008 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

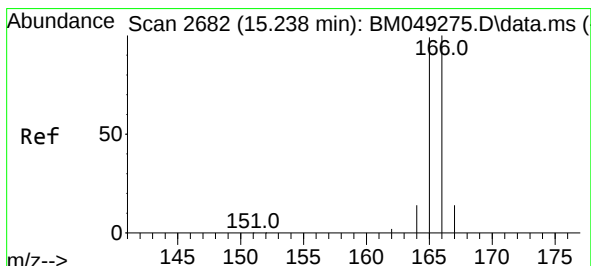
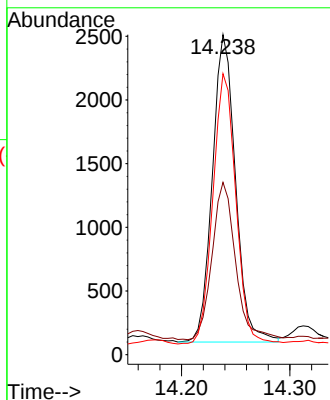
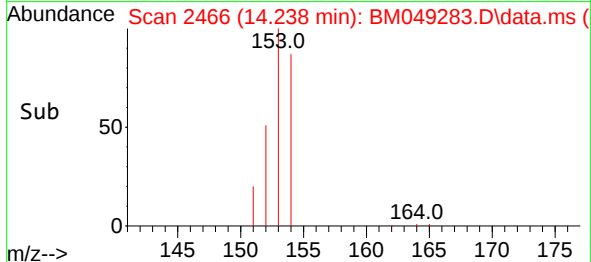
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:153 Resp: 358
Ion Ratio Lower Upper
153 100
152 53.9 40.7 61.1
154 87.8 70.8 106.2

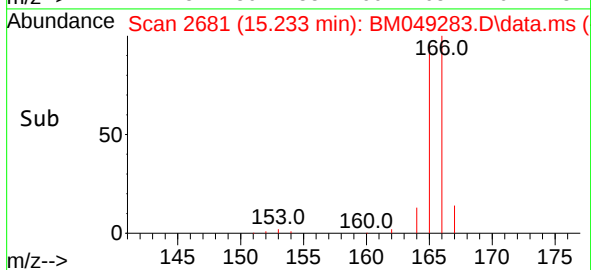
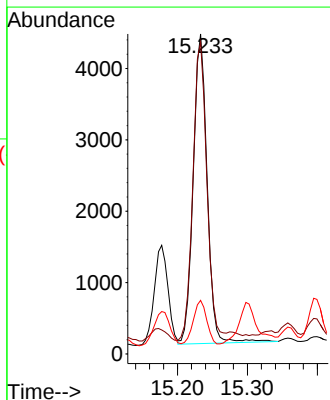
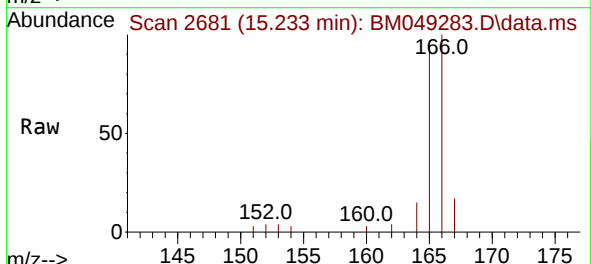
Manual Integrations
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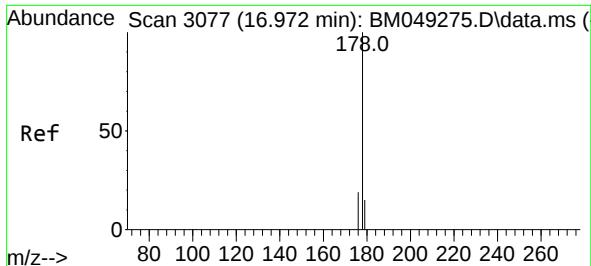
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.233 min Scan# 2681
Delta R.T. -0.008 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

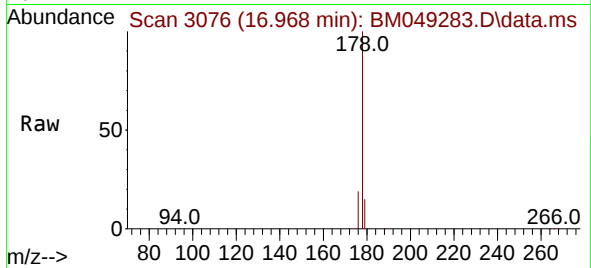
Tgt Ion:166 Resp: 6002
Ion Ratio Lower Upper
166 100
165 97.4 79.7 119.5
167 16.7 11.4 17.0





#15
Phenanthrene
Concen: 2.280 ng/ul m
RT: 16.968 min Scan# 3077
Delta R.T. -0.007 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

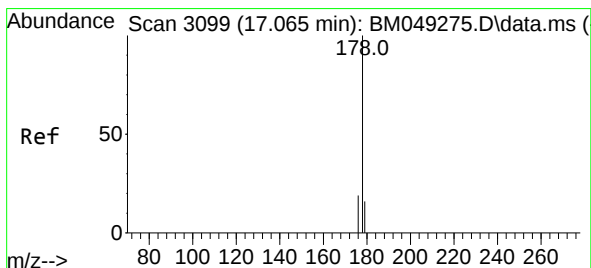
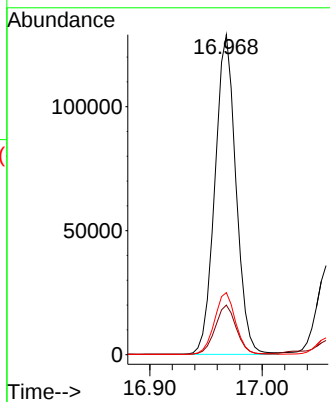
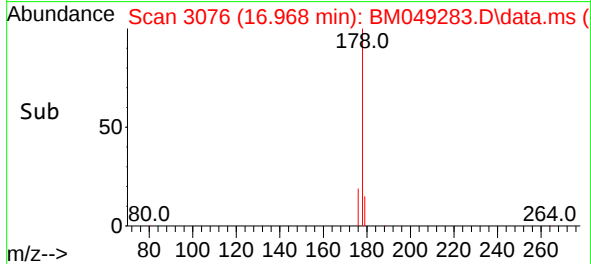
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:178 Resp: 16742
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.4 16.2 24.2

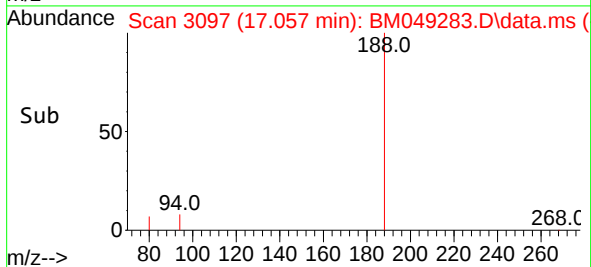
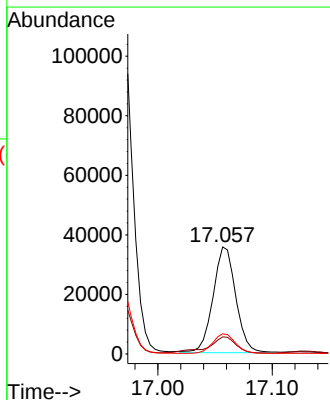
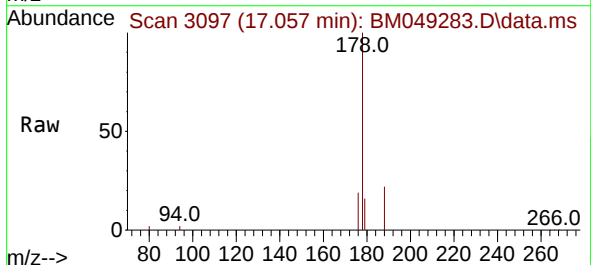
Manual Integrations
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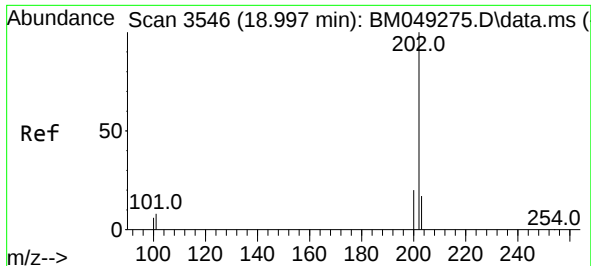
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#16
Anthracene
Concen: 0.728 ng/ul m
RT: 17.057 min Scan# 3097
Delta R.T. -0.011 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

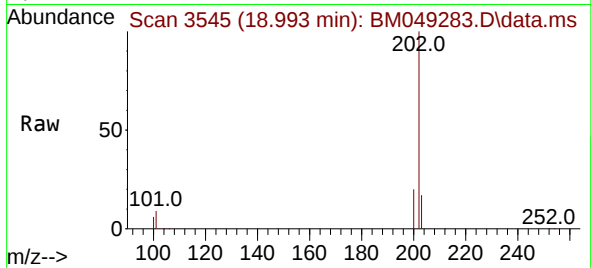
Tgt Ion:178 Resp: 49063
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 18.9 15.3 22.9





#19
Fluoranthene
Concen: 4.459 ng/ul m
RT: 18.993 min Scan# 3545
Delta R.T. -0.008 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

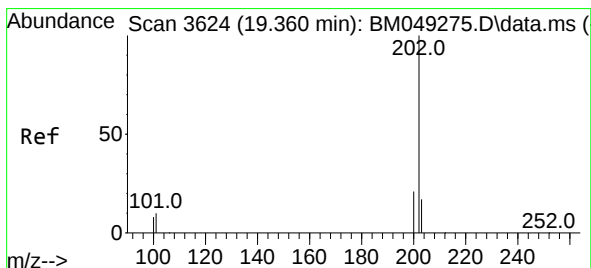
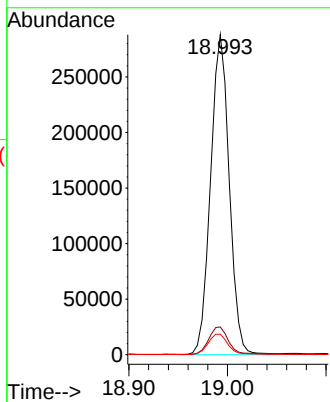
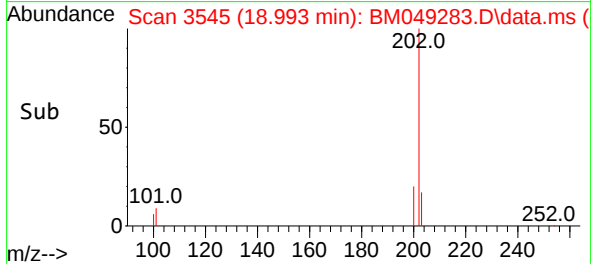
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:202 Resp: 37984
Ion Ratio Lower Upper
202 100
101 8.6 7.6 11.4
100 6.4 5.5 8.3

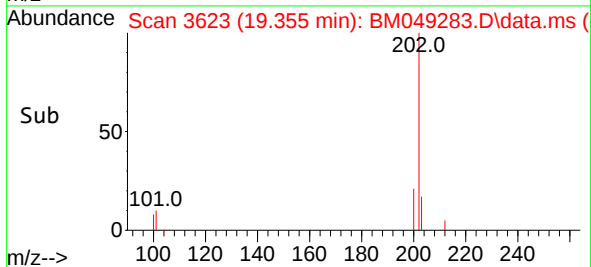
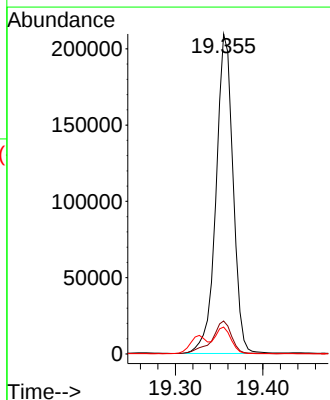
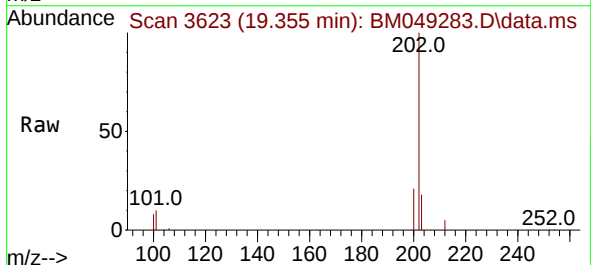
Manual Integrations
APPROVED

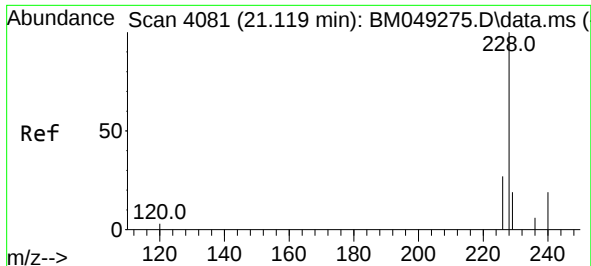
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#20
Pyrene
Concen: 3.114 ng/ul m
RT: 19.355 min Scan# 3623
Delta R.T. -0.008 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

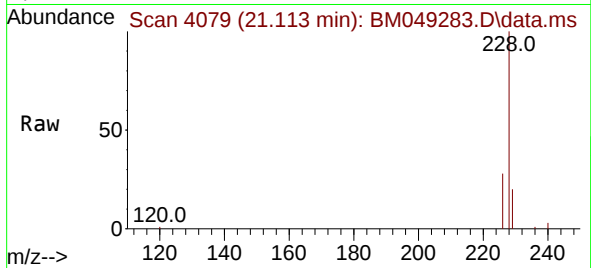
Tgt Ion:202 Resp: 282942
Ion Ratio Lower Upper
202 100
101 10.3 8.9 13.3
100 8.4 6.9 10.3





#21
Benzo(a)anthracene
Concen: 2.007 ng/ul m
RT: 21.113 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

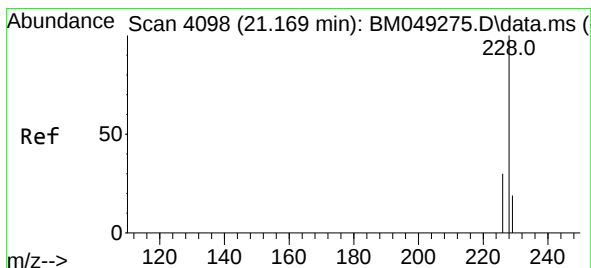
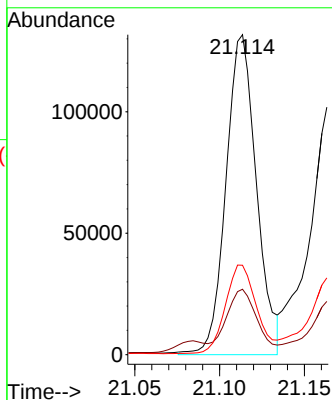
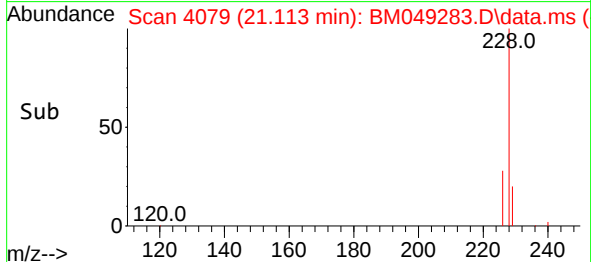
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:228 Resp: 16448
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 27.9 22.6 34.0

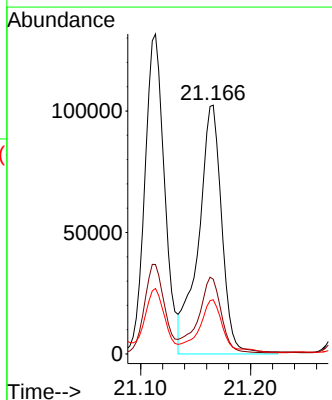
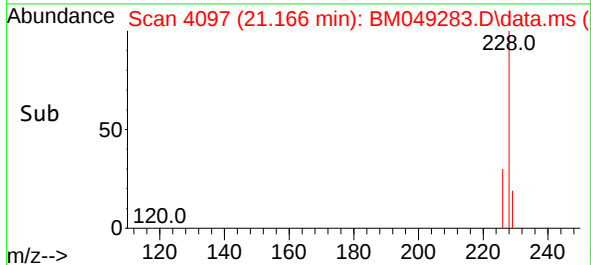
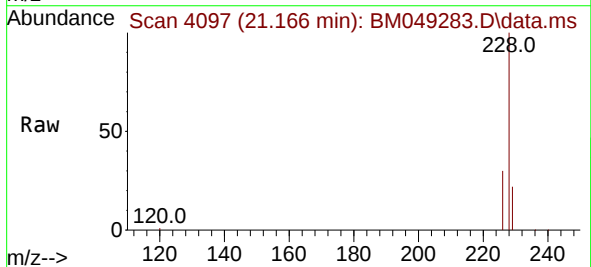
Manual Integrations
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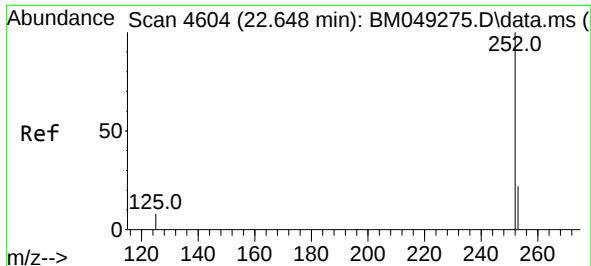
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#22
Chrysene
Concen: 1.719 ng/ul m
RT: 21.166 min Scan# 4097
Delta R.T. -0.006 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

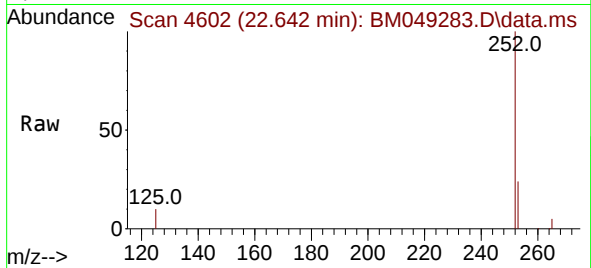
Tgt Ion:228 Resp: 151175
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 21.8 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 2.248 ng/ul m
RT: 22.642 min Scan# 4602
Delta R.T. -0.006 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

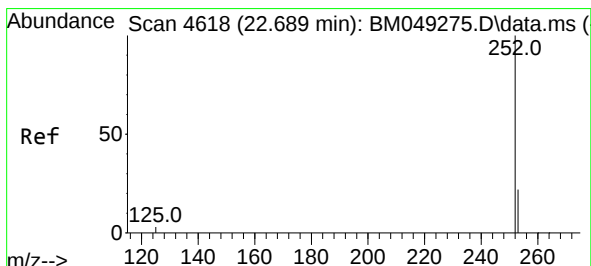
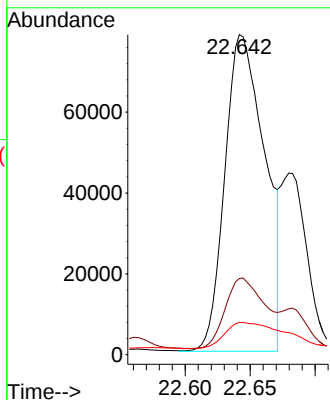
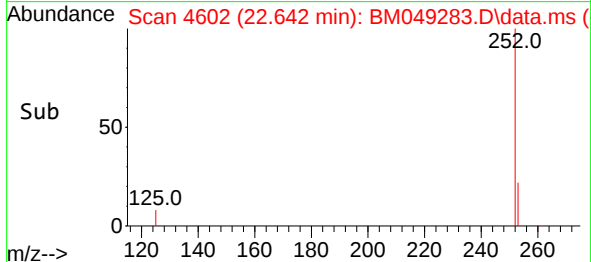
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:252 Resp: 16794
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.6
125 10.1 0.0 30.8

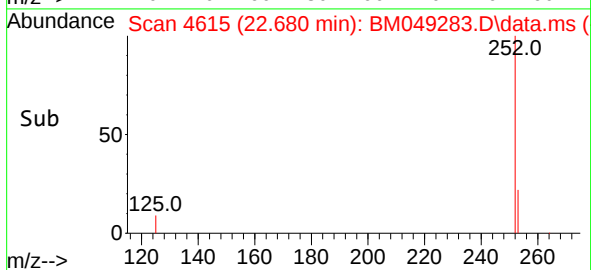
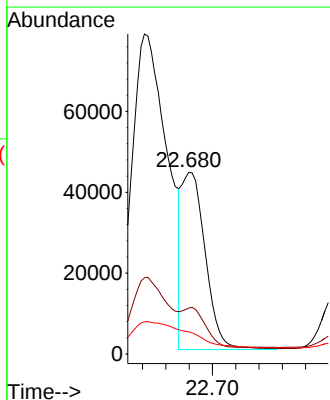
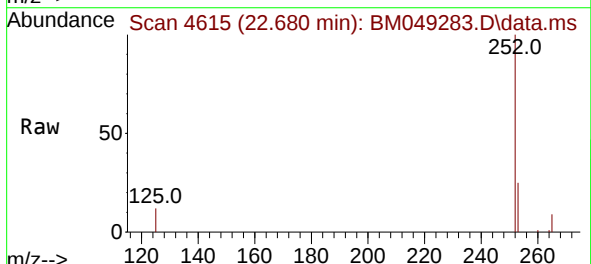
Manual Integrations
APPROVED

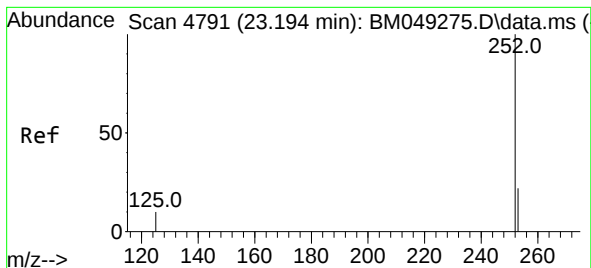
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#25
Benzo(k)fluoranthene
Concen: 0.756 ng/ul m
RT: 22.680 min Scan# 4615
Delta R.T. -0.012 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

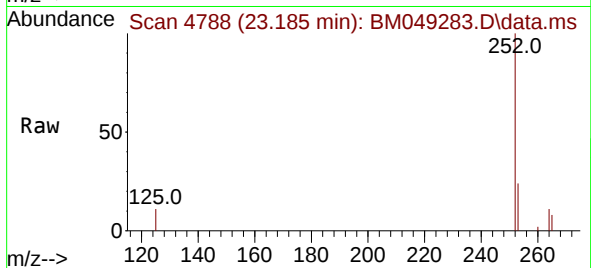
Tgt Ion:252 Resp: 61993
Ion Ratio Lower Upper
252 100
253 25.3 21.3 31.9
125 12.1 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 1.557 ng/ul m
RT: 23.185 min Scan# 4788
Delta R.T. -0.006 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

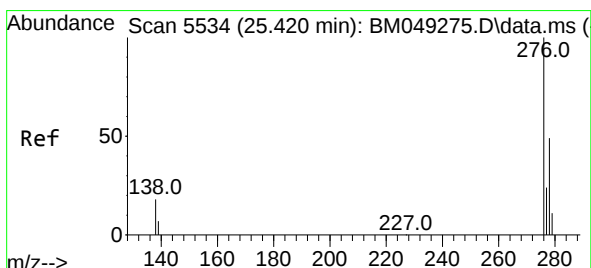
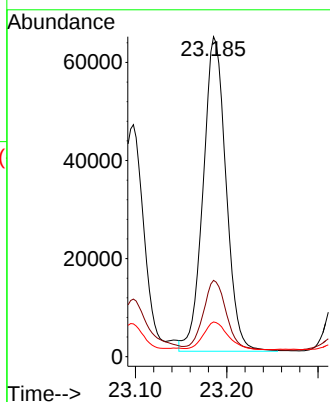
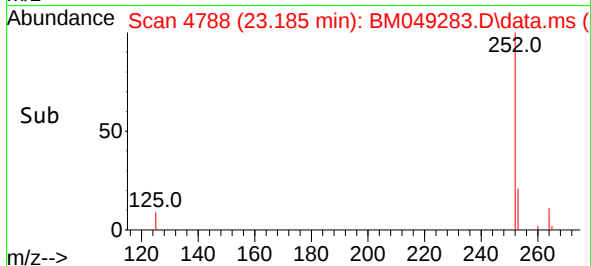
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:252 Resp: 111580
Ion Ratio Lower Upper
252 100
253 23.9 22.4 33.6
125 10.9 14.8 22.2

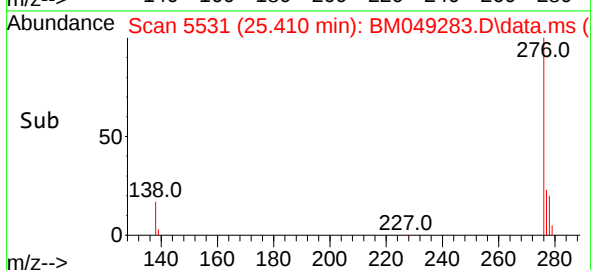
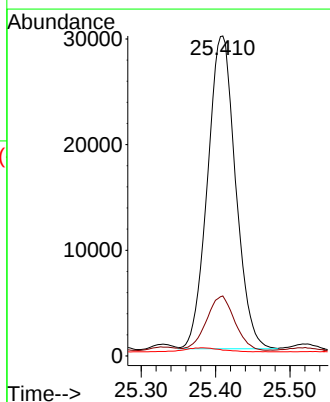
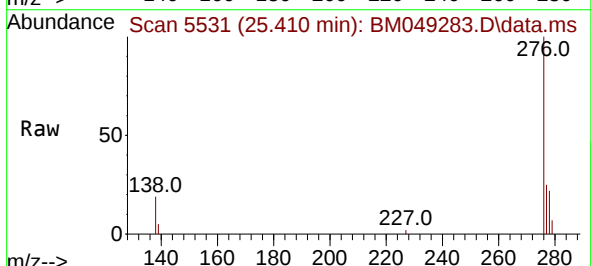
Manual Integrations
APPROVED

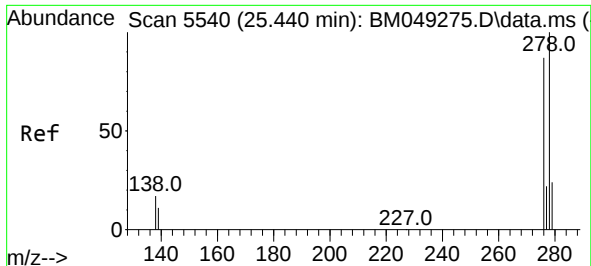
Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.765 ng/ul m
RT: 25.410 min Scan# 5531
Delta R.T. -0.007 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

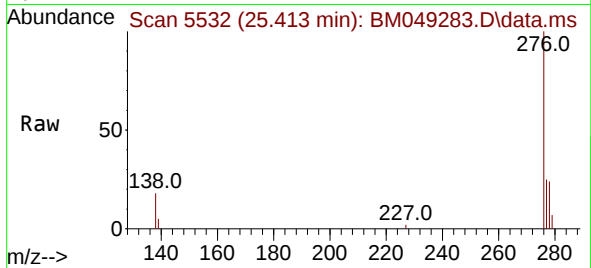
Tgt Ion:276 Resp: 77618
Ion Ratio Lower Upper
276 100
138 2.3 17.4 26.2#
227 0.0 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 0.262 ng/ul m
RT: 25.413 min Scan# 51
Delta R.T. -0.024 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

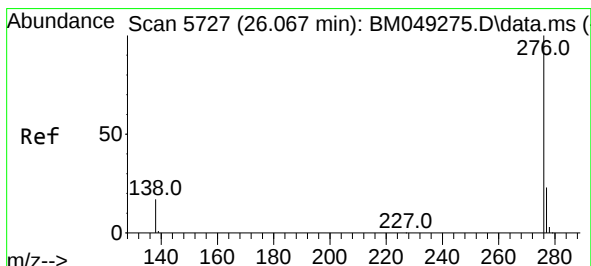
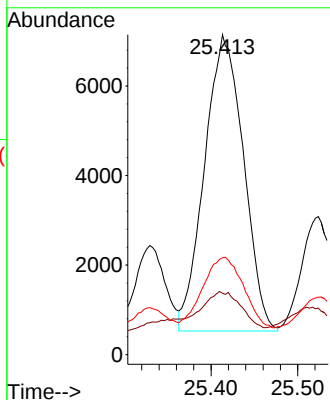
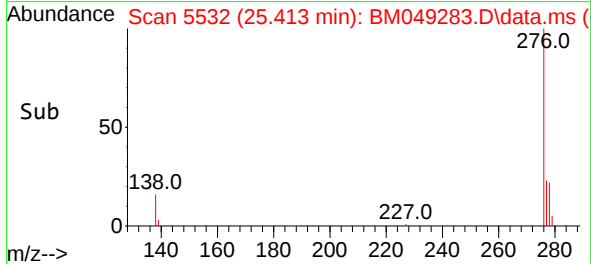
Instrument :
BNA_M
ClientSampleId :
E2922



Tgt Ion:278 Resp: 20630
Ion Ratio Lower Upper
278 100
139 19.2 13.5 20.3
279 30.3 21.5 32.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/30/2024
Supervised By :mohammad ahmed 12/30/2024



#29
Benzo(g,h,i)perylene
Concen: 0.936 ng/ul m
RT: 26.054 min Scan# 5723
Delta R.T. -0.014 min
Lab File: BM049283.D
Acq: 28 Dec 2024 09:09

Tgt Ion:276 Resp: 76346
Ion Ratio Lower Upper
276 100
138 18.4 16.7 25.1
277 24.7 19.9 29.9

