

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
 Data File : BM048774.D
 Acq On : 18 Nov 2024 13:38
 Operator : RC/JU
 Sample : P4829-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E29S4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/20/2024

Quant Time: Nov 18 14:56:18 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 18 11:56:05 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	2506m	0.400	ng/ul	0.00
4) Naphthalene-d8	10.476	136	7740	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.295	164	4806	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.058	188	8650	0.400	ng/ul	-0.01
17) Chrysene-d12	21.234	240	7942	0.400	ng/ul	0.00
23) Perylene-d12	23.438	264	8929	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	895	0.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.081	152	3170	0.317	ng/ul	-0.01
18) Fluoranthene-d10	19.077	212	9460	0.424	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.123	88	2919	0.840	ng/ul#	69
5) Naphthalene	10.530	128	6430	0.332	ng/ul#	93
7) 2-Methylnaphthalene	12.153	142	3564	0.292	ng/ul	95
8) 1-Methylnaphthalene	12.351	142	4324	0.346	ng/ul	100
10) Acenaphthylene	14.022	152	6695	0.367	ng/ul	99
11) Acenaphthene	14.360	153	5236	0.359	ng/ul	98
12) Fluorene	15.368	166	6009	0.379	ng/ul	99
14) Pentachlorophenol	16.716	266	2148	0.677	ng/ul	98
15) Phenanthrene	17.096	178	8946	0.394	ng/ul	97
16) Anthracene	17.205	178	7641	0.361	ng/ul	98
19) Fluoranthene	19.105	202	12303	0.418	ng/ul	99
20) Pyrene	19.468	202	13384	0.419	ng/ul	99
21) Benzo(a)anthracene	21.226	228	8335	0.321	ng/ul	98
22) Chrysene	21.266	228	14761	0.473	ng/ul	100
24) Benzo(b)fluoranthene	22.777	252	10918	0.392	ng/ul	99
25) Benzo(k)fluoranthene	22.821	252	15085	0.462	ng/ul	99
26) Benzo(a)pyrene	23.350	252	11088	0.408	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.676	276	15696	0.414	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.693	278	11605	0.393	ng/ul	95
29) Benzo(g,h,i)perylene	26.353	276	13689	0.430	ng/ul	98

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

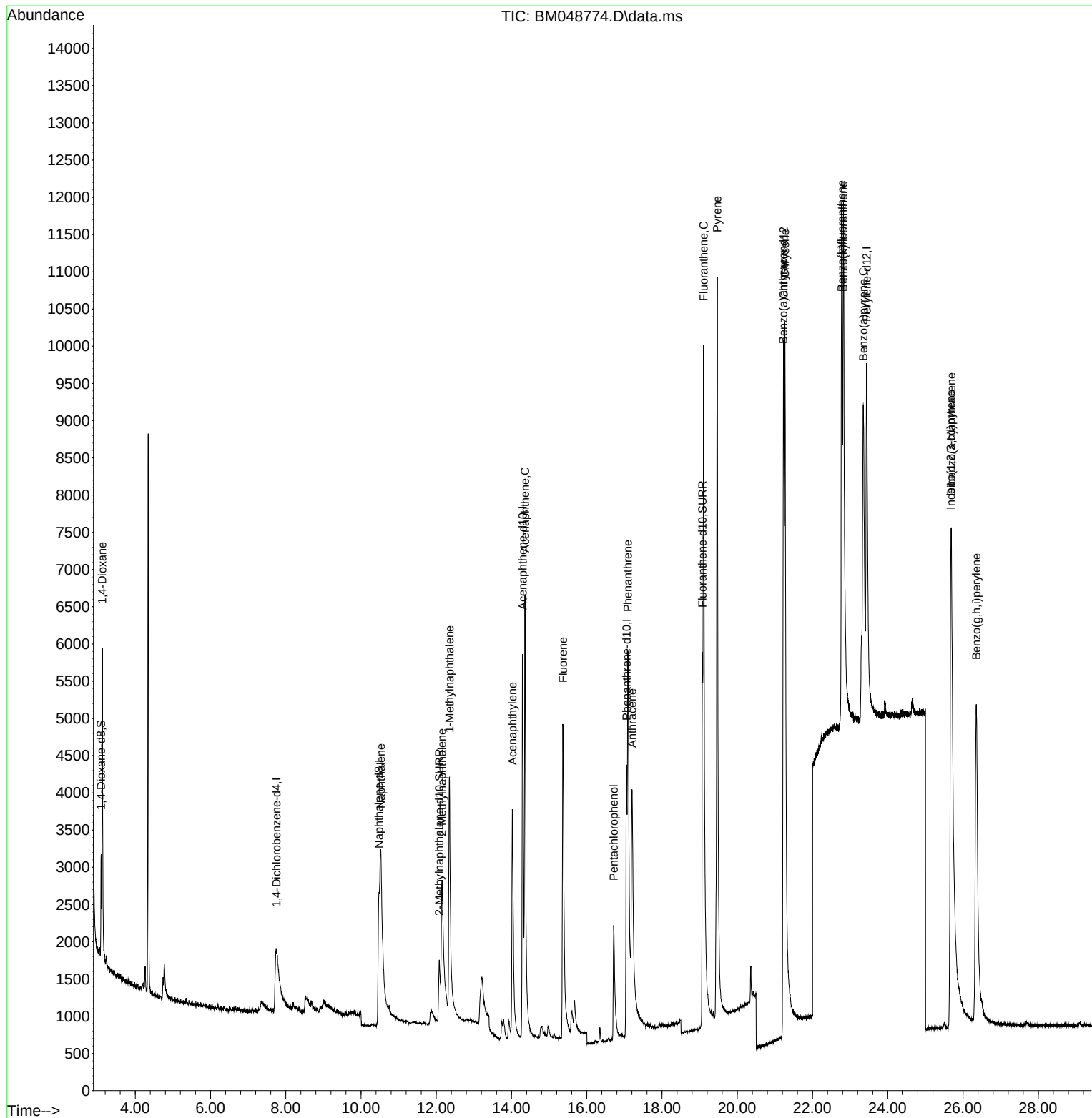
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111824\
Data File : BM048774.D
Acq On : 18 Nov 2024 13:38
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ALS Vial : 7 Sample Multiplier: 1

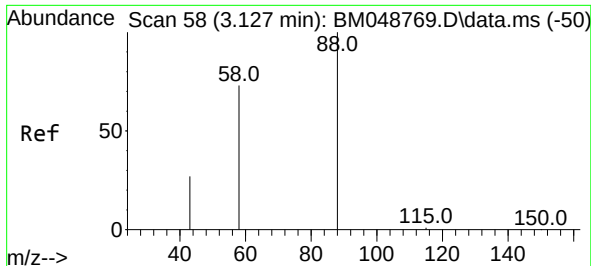
Instrument :
BNA_M
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Quant Time: Nov 18 14:56:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

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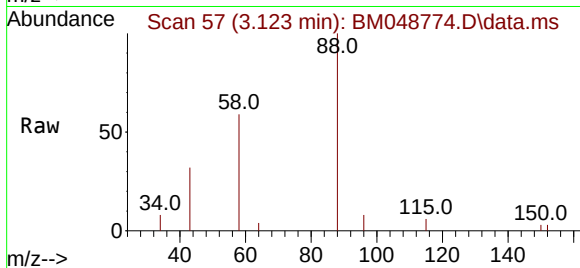
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024





#2
1,4-Dioxane
Concen: 0.840 ng/ul
RT: 3.123 min Scan# 51
Delta R.T. -0.005 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

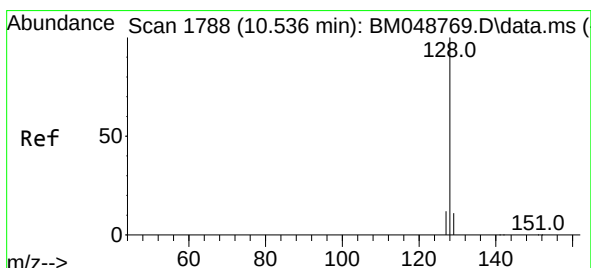
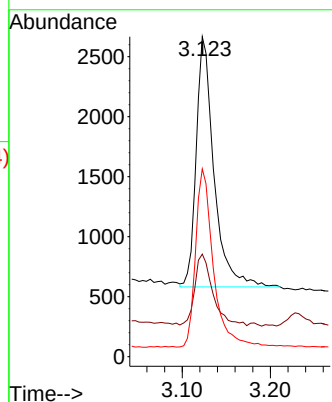
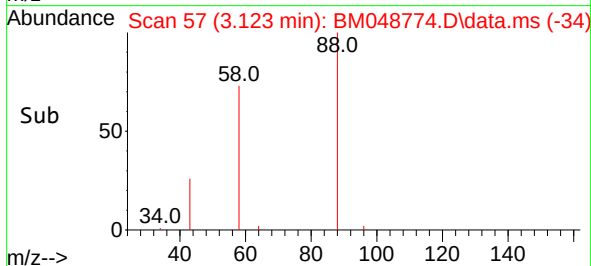
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion: 88 Resp: 2919
Ion Ratio Lower Upper
88 100
43 32.0 60.2 90.4
58 58.7 44.2 66.2

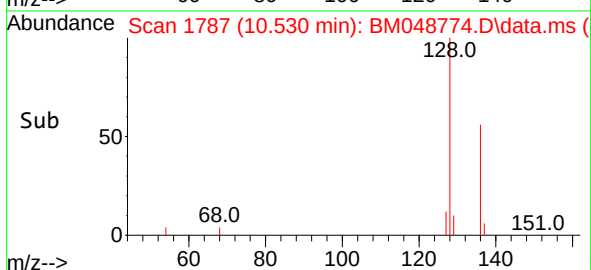
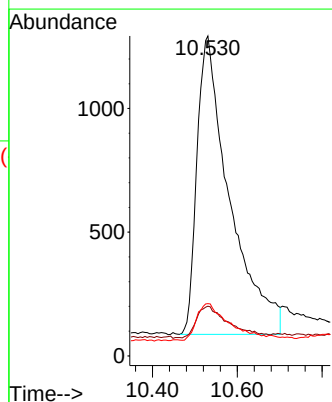
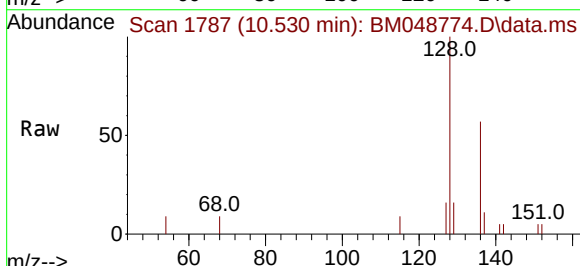
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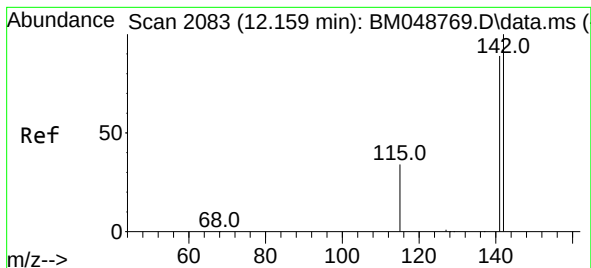
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#5
Naphthalene
Concen: 0.332 ng/ul
RT: 10.530 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

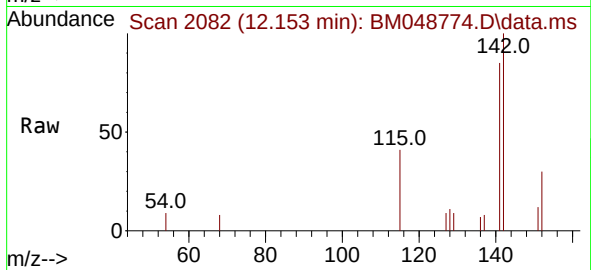
Tgt Ion:128 Resp: 6430
Ion Ratio Lower Upper
128 100
129 15.5 10.0 15.0
127 16.3 10.9 16.3





#7
2-Methylnaphthalene
Concen: 0.292 ng/ul
RT: 12.153 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

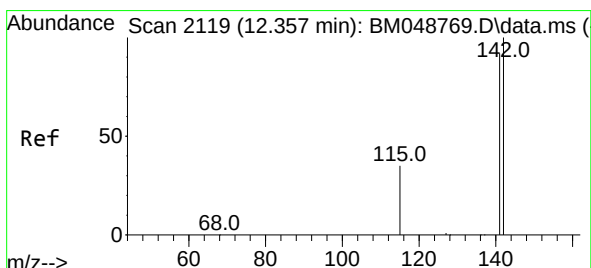
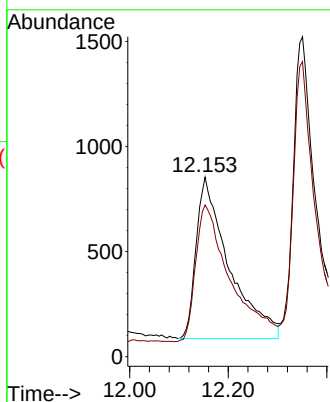
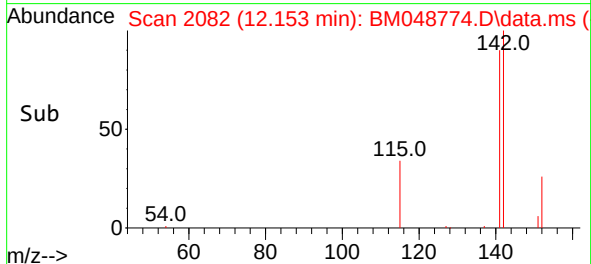
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



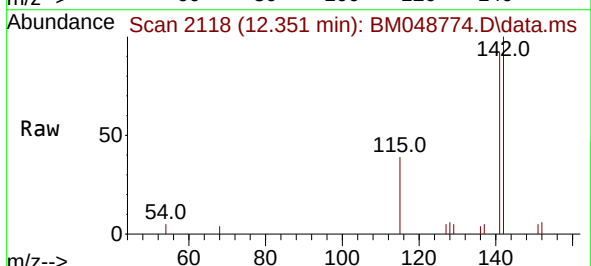
Tgt Ion:142 Resp: 3564
Ion Ratio Lower Upper
142 100
141 90.4 68.6 103.0

Manual Integrations
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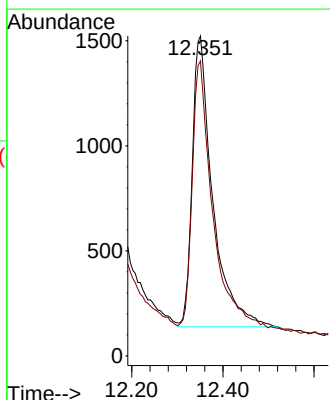
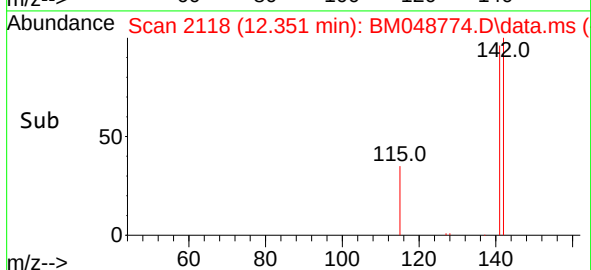
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024

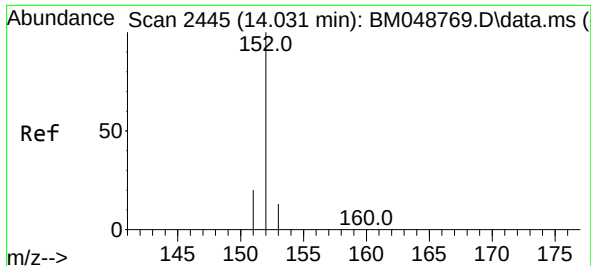


#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.351 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38



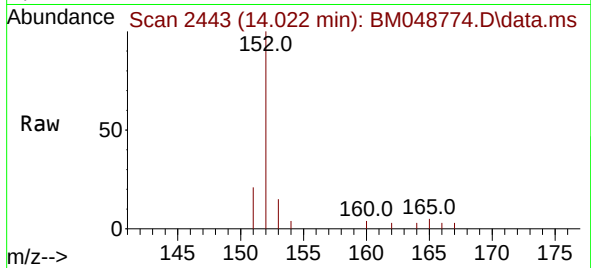
Tgt Ion:142 Resp: 4324
Ion Ratio Lower Upper
142 100
141 91.4 72.8 109.2





#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.022 min Scan# 2445
Delta R.T. -0.010 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

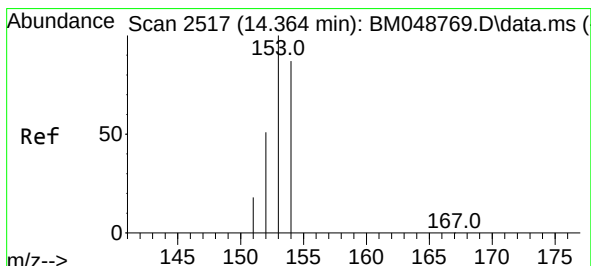
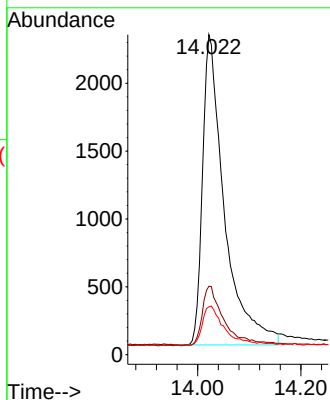
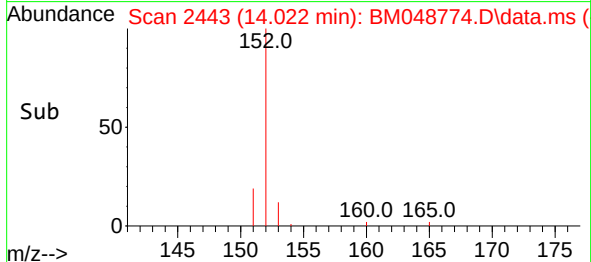
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion:152 Resp: 669
Ion Ratio Lower Upper
152 100
151 21.4 16.5 24.7
153 14.9 11.6 17.4

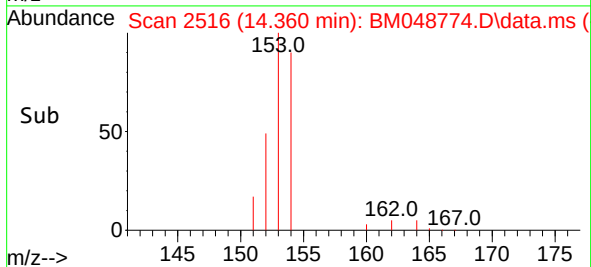
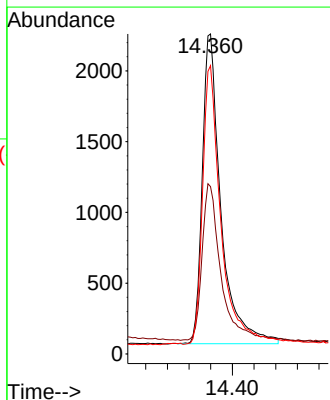
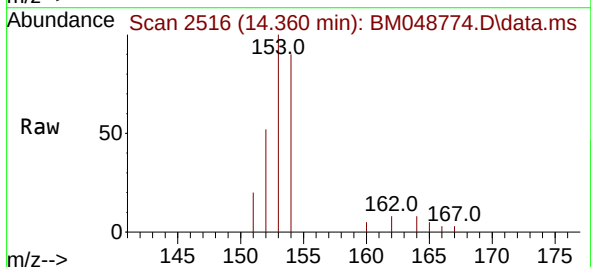
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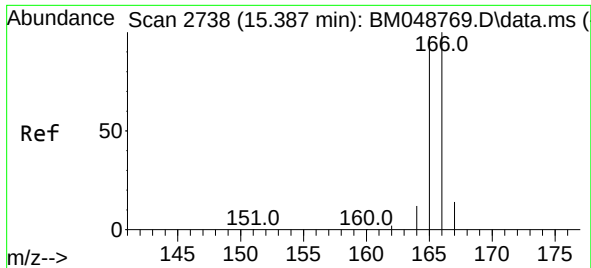
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.360 min Scan# 2516
Delta R.T. -0.005 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

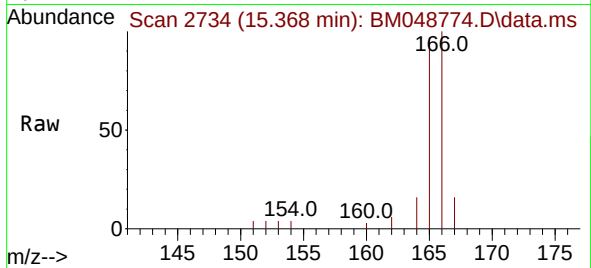
Tgt Ion:153 Resp: 5236
Ion Ratio Lower Upper
153 100
152 52.3 41.1 61.7
154 90.1 70.3 105.5





#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.368 min Scan# 21
Delta R.T. -0.019 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

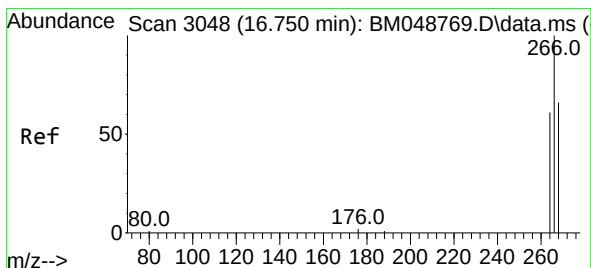
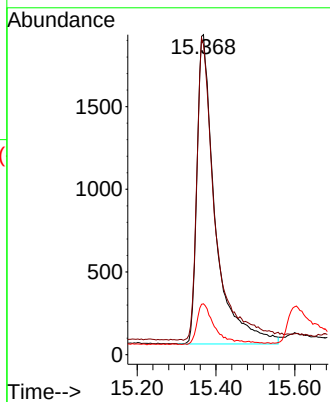
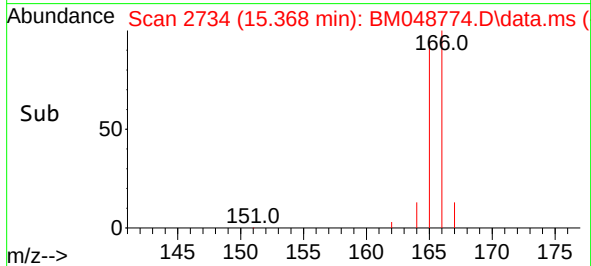
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion:166 Resp: 600
Ion Ratio Lower Upper
166 100
165 96.9 78.7 118.1
167 15.9 12.6 18.8

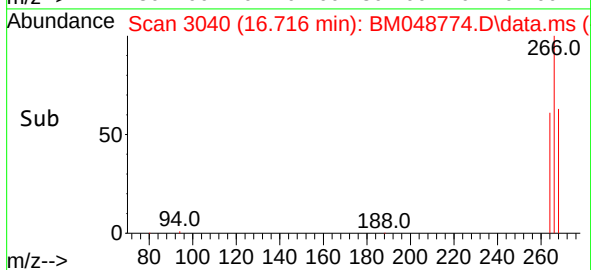
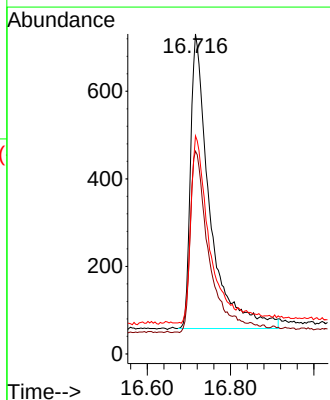
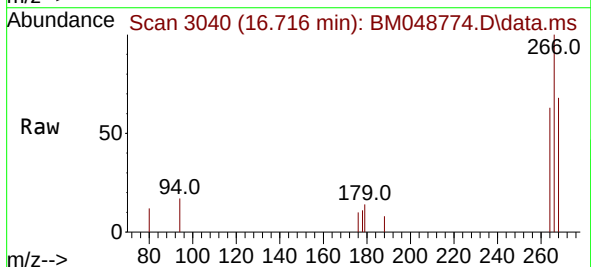
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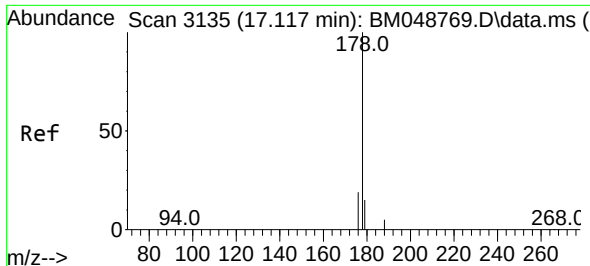
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#14
Pentachlorophenol
Concen: 0.677 ng/ul
RT: 16.716 min Scan# 3040
Delta R.T. -0.034 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

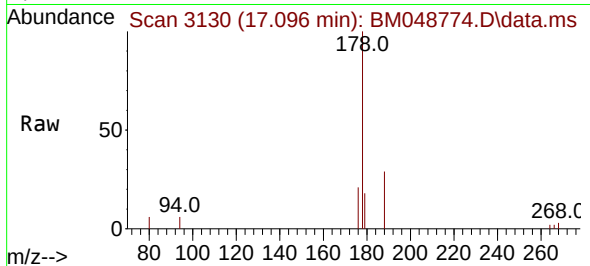
Tgt Ion:266 Resp: 2148
Ion Ratio Lower Upper
266 100
264 62.0 49.6 74.4
268 64.8 49.4 74.0





#15
Phenanthrene
Concen: 0.394 ng/u1
RT: 17.096 min Scan# 3135
Delta R.T. -0.021 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

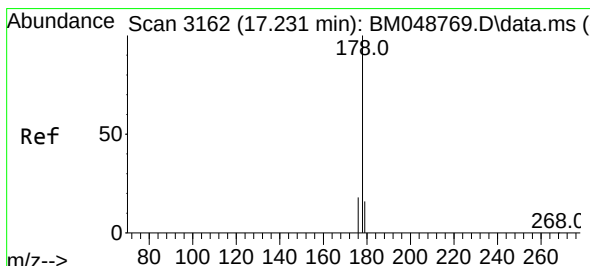
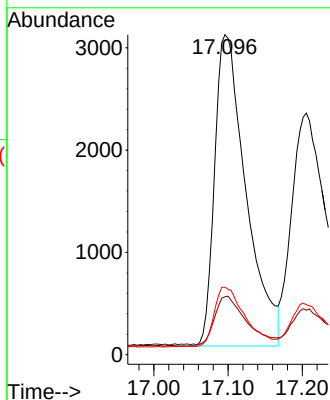
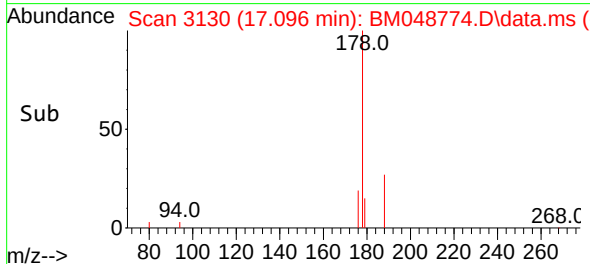
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion:178 Resp: 8940
Ion Ratio Lower Upper
178 100
179 18.1 13.4 20.0
176 21.1 16.2 24.2

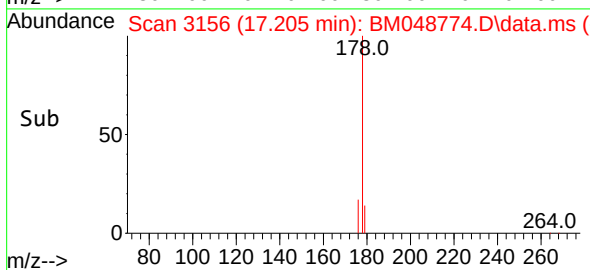
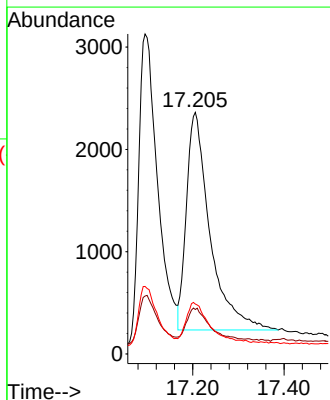
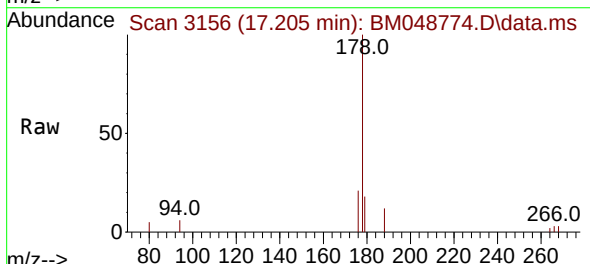
Manual Integrations
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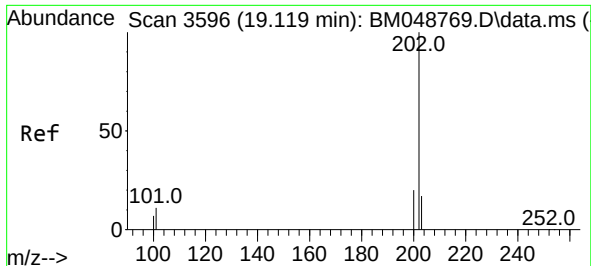
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#16
Anthracene
Concen: 0.361 ng/u1
RT: 17.205 min Scan# 3156
Delta R.T. -0.026 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

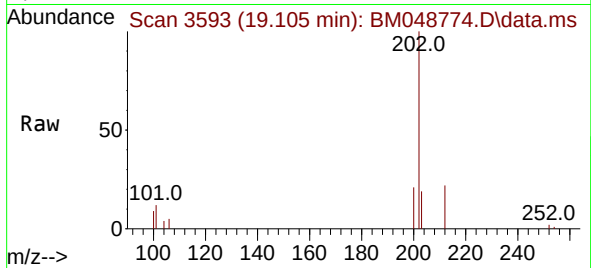
Tgt Ion:178 Resp: 7641
Ion Ratio Lower Upper
178 100
179 18.4 13.7 20.5
176 20.7 15.9 23.9





#19
Fluoranthene
Concen: 0.418 ng/ul
RT: 19.105 min Scan# 3593
Delta R.T. -0.014 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

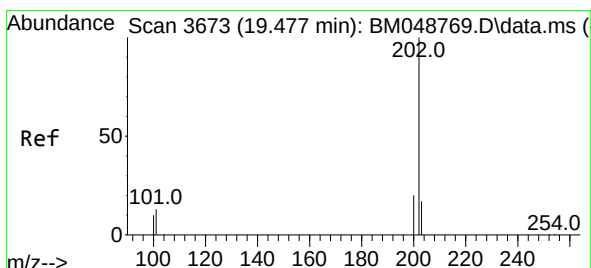
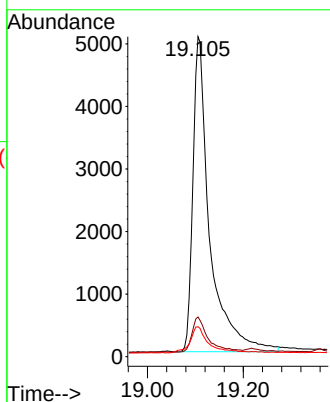
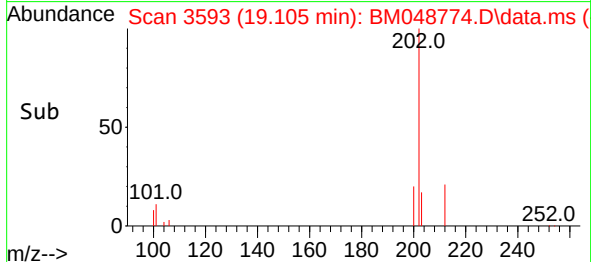
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion:202 Resp: 1230
Ion Ratio Lower Upper
202 100
101 12.4 10.2 15.4
100 9.4 7.3 10.9

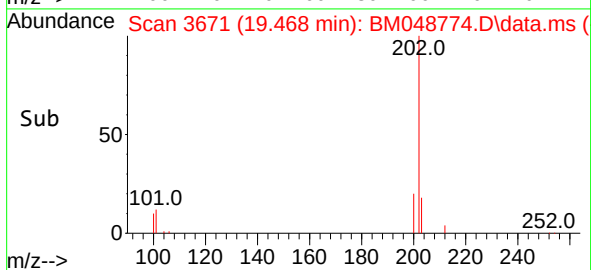
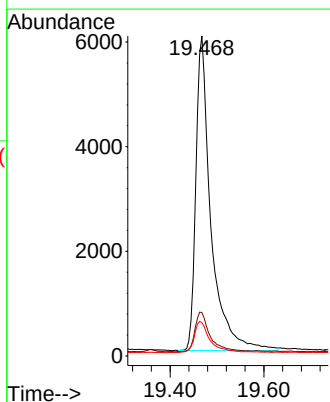
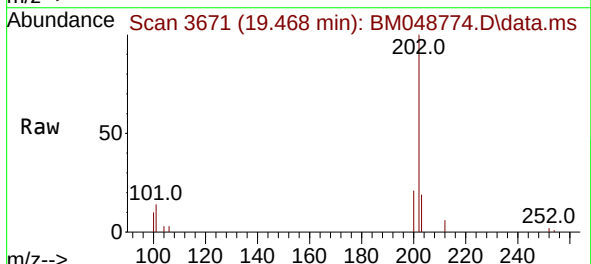
Manual Integrations
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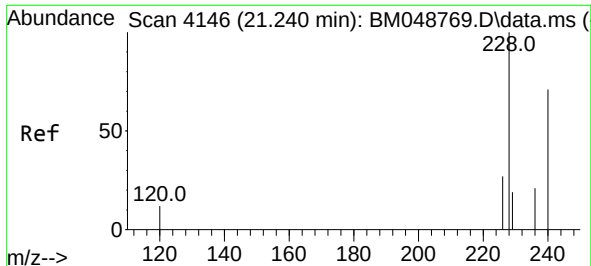
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.468 min Scan# 3671
Delta R.T. -0.010 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

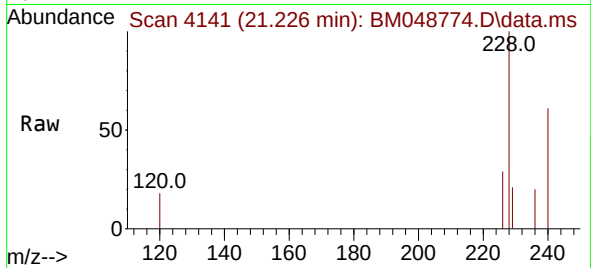
Tgt Ion:202 Resp: 13384
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.2
100 10.4 8.5 12.7





#21
Benzo(a)anthracene
Concen: 0.321 ng/ul
RT: 21.226 min Scan# 4141
Delta R.T. -0.015 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

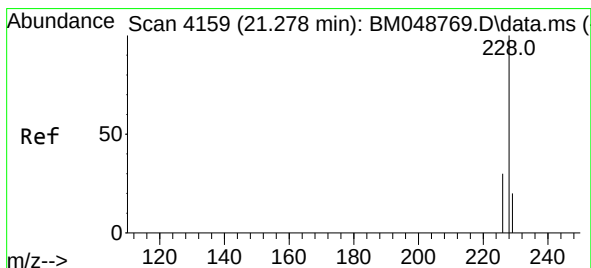
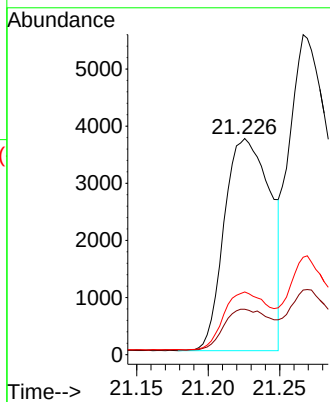
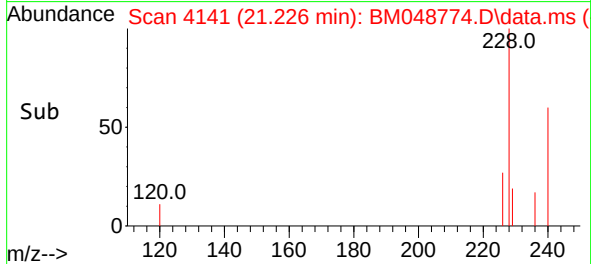
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion:228 Resp: 8335
Ion Ratio Lower Upper
228 100
229 21.0 16.2 24.2
226 29.0 22.1 33.1

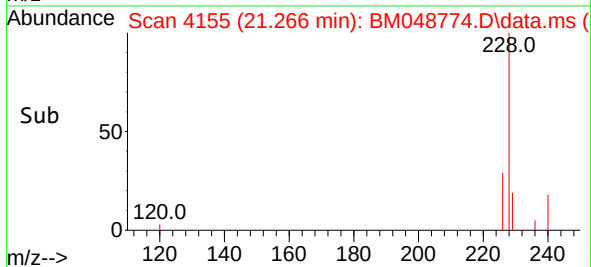
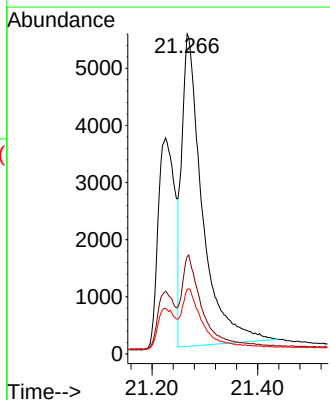
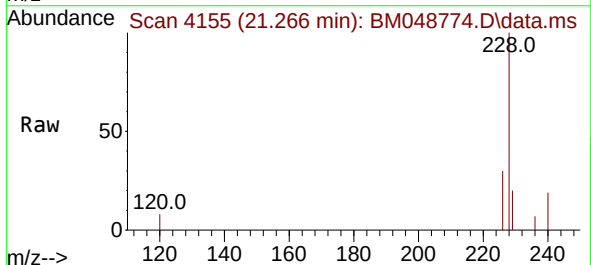
Manual Integrations
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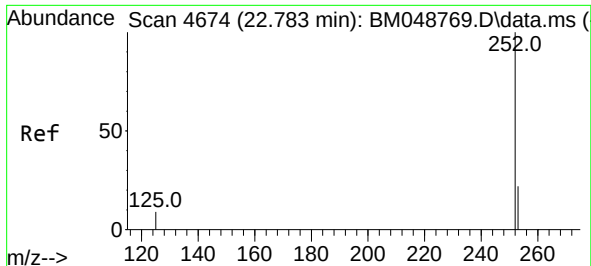
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#22
Chrysene
Concen: 0.473 ng/ul
RT: 21.266 min Scan# 4155
Delta R.T. -0.012 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

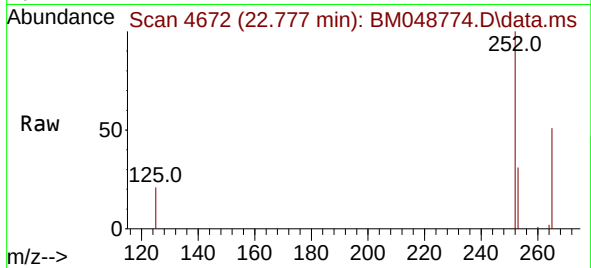
Tgt Ion:228 Resp: 14761
Ion Ratio Lower Upper
228 100
226 30.5 24.4 36.6
229 20.2 16.5 24.7





#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 22.777 min Scan# 4672
Delta R.T. -0.006 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

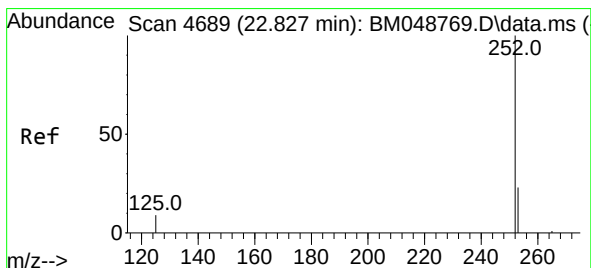
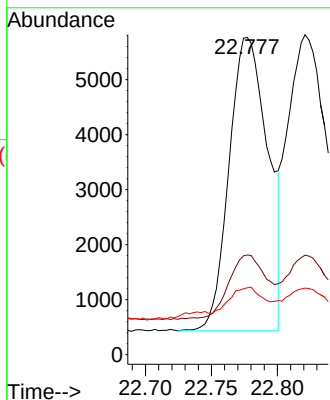
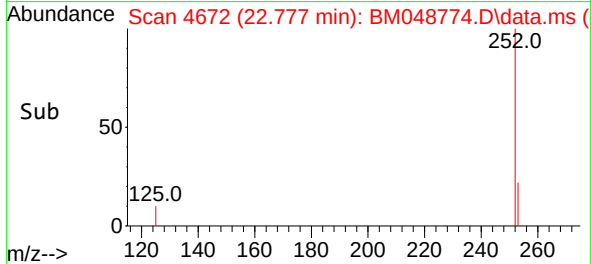
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



Tgt Ion:252 Resp: 10918
Ion Ratio Lower Upper
252 100
253 31.4 0.0 61.6
125 21.1 0.0 43.2

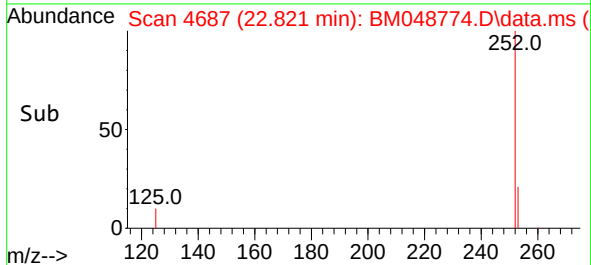
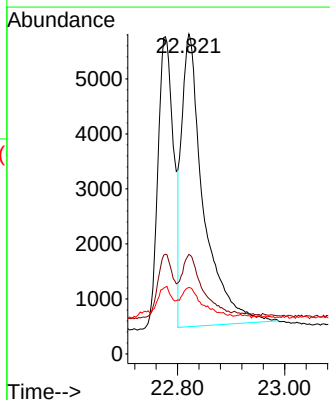
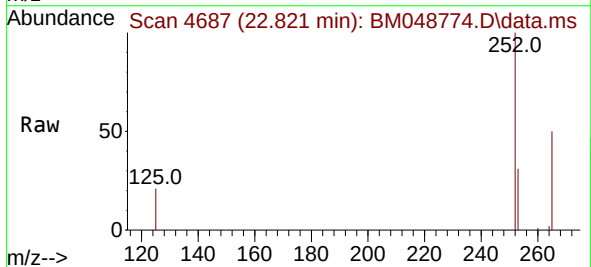
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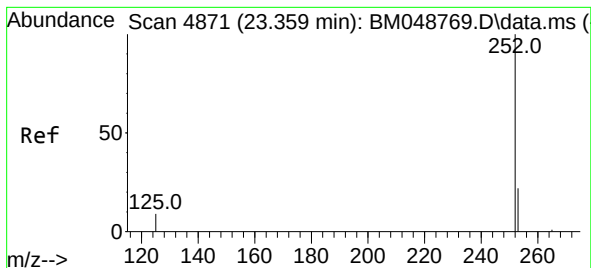
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#25
Benzo(k)fluoranthene
Concen: 0.462 ng/ul
RT: 22.821 min Scan# 4687
Delta R.T. -0.006 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

Tgt Ion:252 Resp: 15085
Ion Ratio Lower Upper
252 100
253 31.1 25.0 37.4
125 20.8 17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.408 ng/ul

RT: 23.350 min Scan# 41

Delta R.T. -0.009 min

Lab File: BM048774.D

Acq: 18 Nov 2024 13:38

Instrument :

BNA_M

ClientSampleId :

E29S4MSD

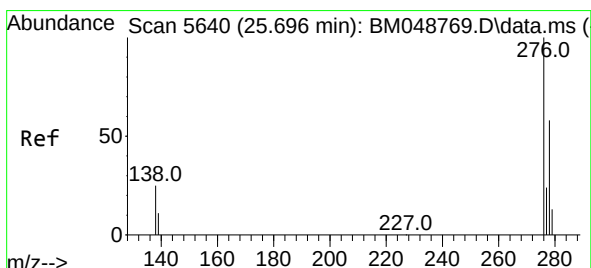
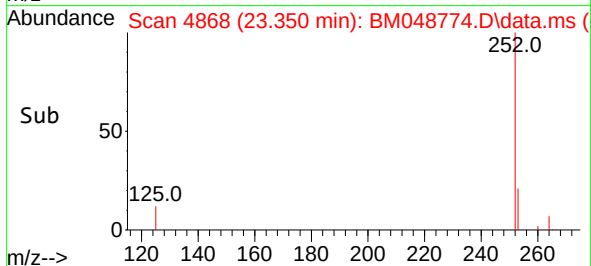
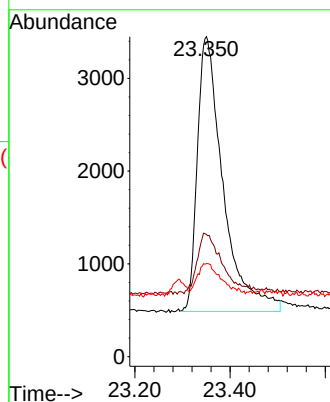
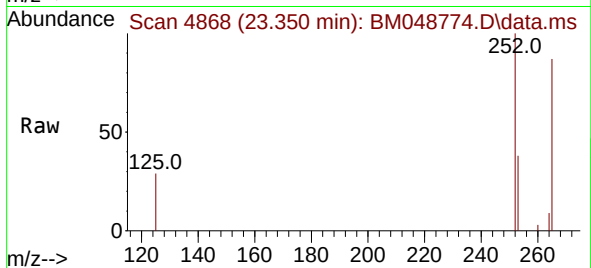
Tgt Ion:	252	Resp:	1108
Ion Ratio	Lower	Upper	
252	100		
253	38.2	29.6	44.4
125	29.1	23.9	35.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/20/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.414 ng/ul

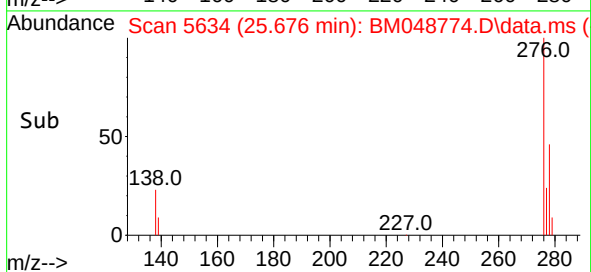
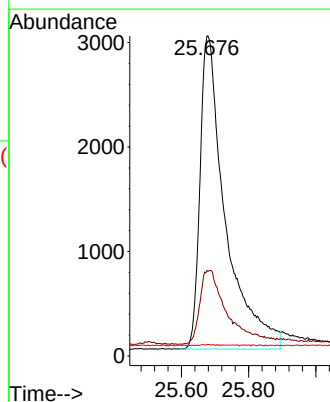
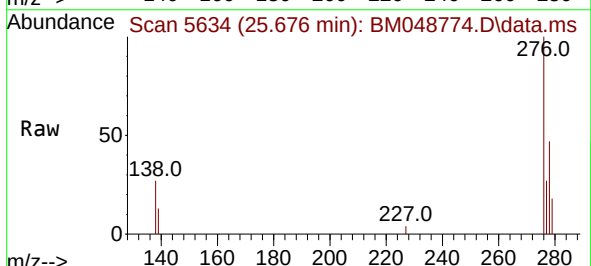
RT: 25.676 min Scan# 5634

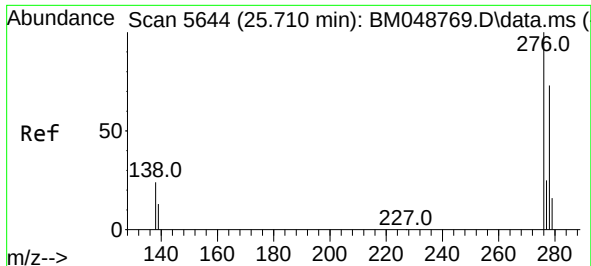
Delta R.T. -0.020 min

Lab File: BM048774.D

Acq: 18 Nov 2024 13:38

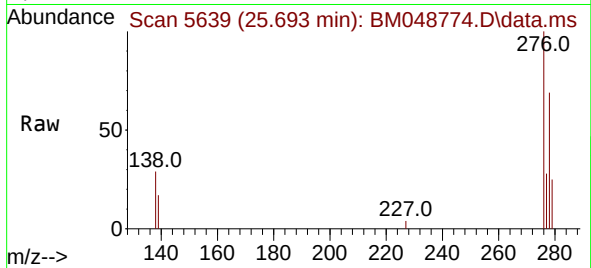
Tgt Ion:	276	Resp:	15696
Ion Ratio	Lower	Upper	
276	100		
138	25.8	20.1	30.1
227	0.1	0.1	0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 25.693 min Scan# 5639
Delta R.T. -0.017 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38

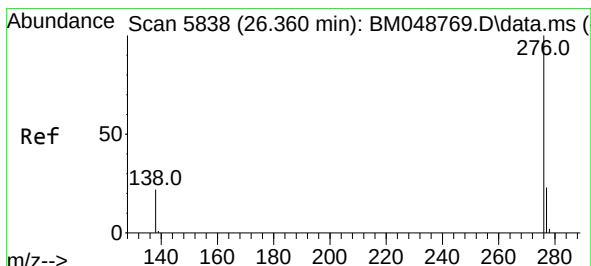
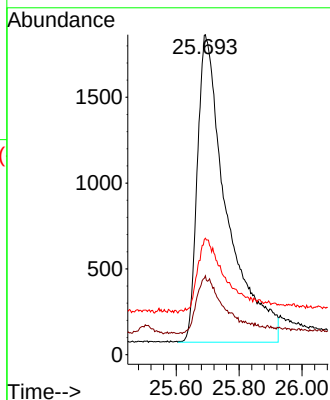
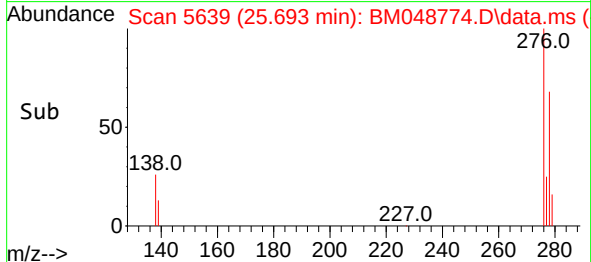
Instrument :
BNA_M
ClientSampleId :
E29S4MSD



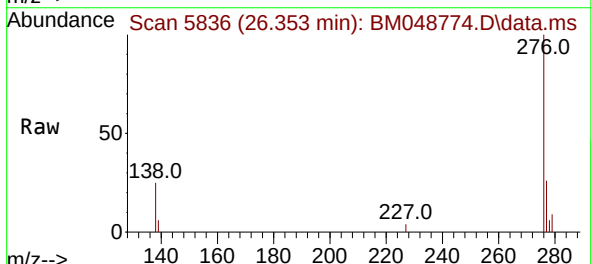
Tgt Ion:278 Resp: 1160
Ion Ratio Lower Upper
278 100
139 24.7 17.8 26.8
279 36.4 26.6 39.8

Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/20/2024



#29
Benzo(g,h,i)perylene
Concen: 0.430 ng/ul
RT: 26.353 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM048774.D
Acq: 18 Nov 2024 13:38



Tgt Ion:276 Resp: 13689
Ion Ratio Lower Upper
276 100
138 25.3 21.0 31.6
277 26.3 20.5 30.7

