

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048027.D
 Acq On : 14 Oct 2024 14:15
 Operator : RC/JU
 Sample : P4239-06
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EG2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 14 23:23:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.786	152	323822	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1255474	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.421	164	761835	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1543223	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1384690	20.000	ng/u1	0.00
88) Perylene-d12	24.385	264	1653220	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	12031	1.201	ng/uL	0.00
4) Pyridine-d5	3.669	84	16016	0.546	ng/u1	0.01
7) Phenol-d5	6.957	99	200990	6.564	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	128423	5.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	182683	8.200	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	98497	4.326	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	82640	8.267	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	89428	9.336	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	153887	8.042	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	40106m	1.356	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	471979	8.545	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	547670	8.363	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	51467m	4.680	ng/u1	0.01
60) Fluorene-d10	15.409	176	426094	8.906	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	48537	5.375	ng/u1	0.00
73) Anthracene-d10	17.256	188	643134	8.475	ng/u1	0.00
81) Pyrene-d10	19.550	212	715818	9.109	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	551243	6.427	ng/u1	0.01
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.139	152	76058	1.030	ng/u1	99
72) Phenanthrene	17.203	178	960520	10.614	ng/u1	99
74) Anthracene	17.292	178	190033	2.059	ng/u1	99
77) Carbazole	17.562	167	114428	1.368	ng/u1	98
80) Fluoranthene	19.215	202	2278790	24.620	ng/u1	98
82) Pyrene	19.574	202	1696227	16.466	ng/u1	97
85) Benzo(a)anthracene	21.368	228	990333	10.215	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.291	149	319294	5.839	ng/u1#	96
87) Chrysene	21.433	228	1203419	12.732	ng/u1	98
90) Benzo(b)fluoranthene	23.438	252	1752865	17.002	ng/u1	99
91) Benzo(k)fluoranthene	23.491	252	569942	5.406	ng/u1	97
93) Benzo(a)pyrene	24.244	252	663300	6.774	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.756	276	686775	5.473	ng/u1	98
95) Dibenzo(a,h)anthracene	27.803	278	215835	2.099	ng/u1#	87

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

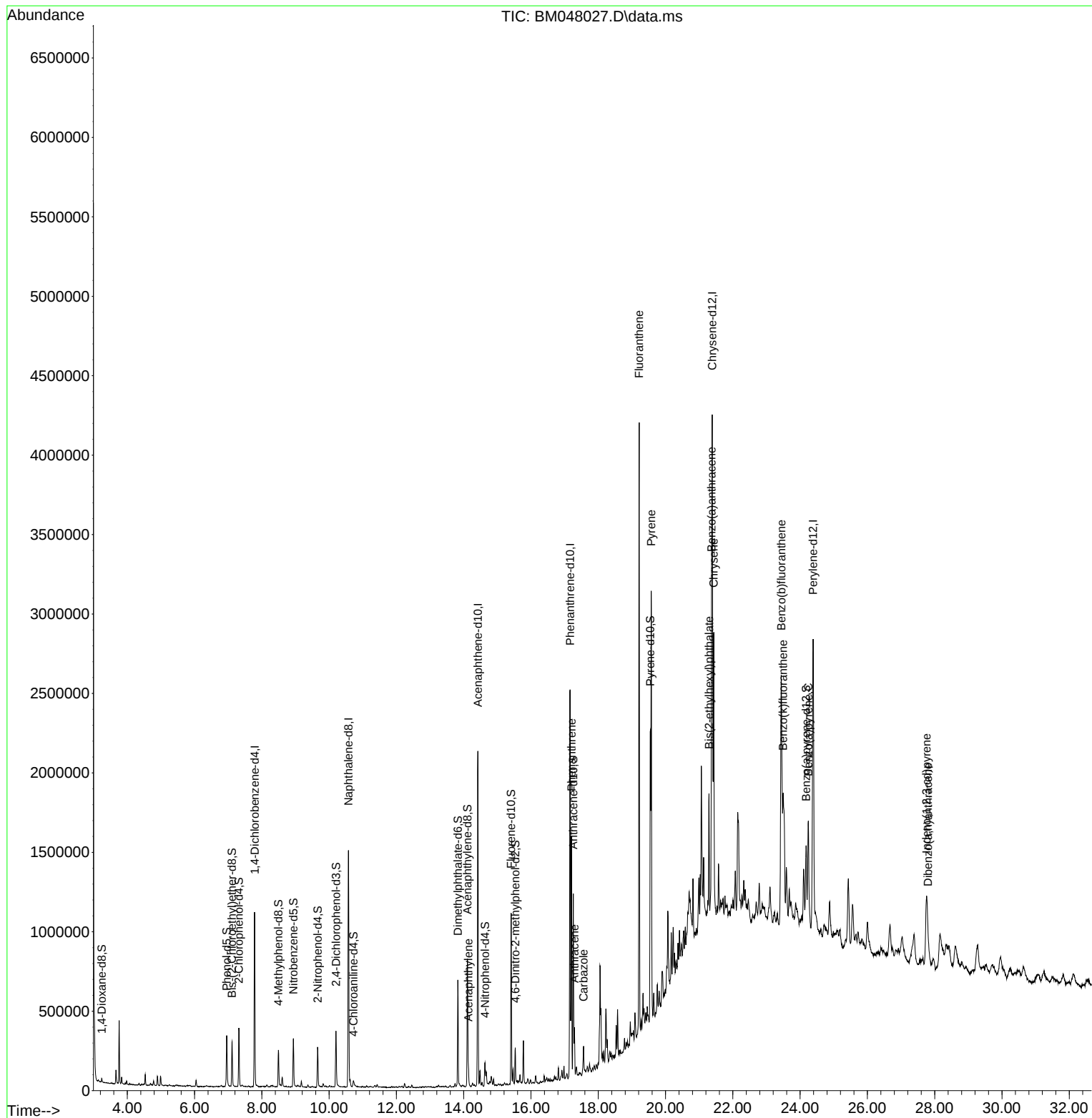
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048027.D
Acq On : 14 Oct 2024 14:15
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Sample : P4239-06
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ALS Vial : 5 Sample Multiplier: 1

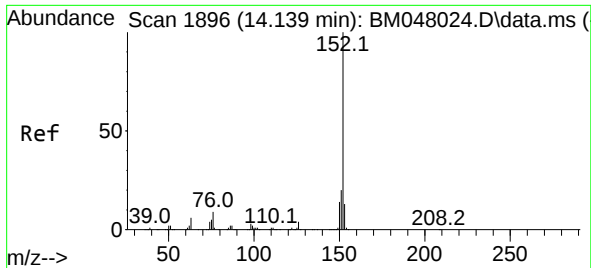
Instrument :
BNA_M
ClientSampleId :
A4EG2

Quant Time: Oct 14 23:23:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

Manual Integrations
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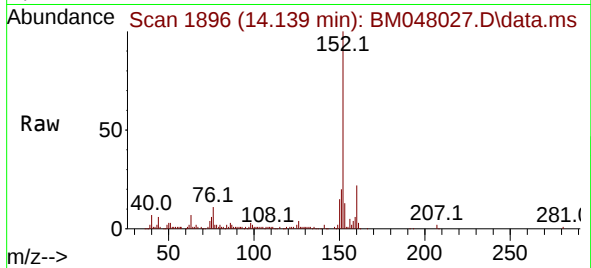
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024





#50
Acenaphthylene
Concen: 1.030 ng/ul
RT: 14.139 min Scan# 1896
Delta R.T. -0.006 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15

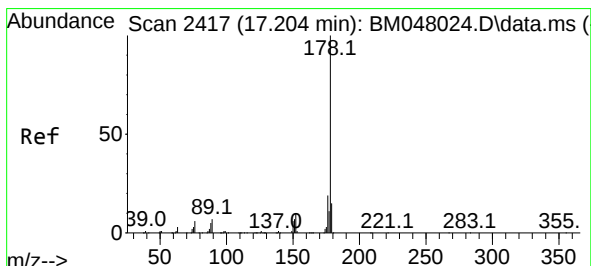
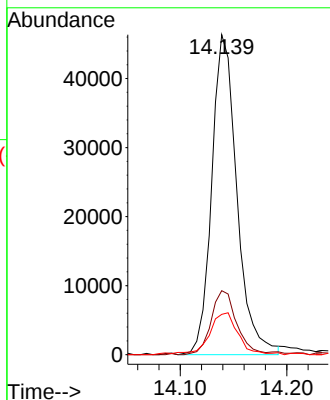
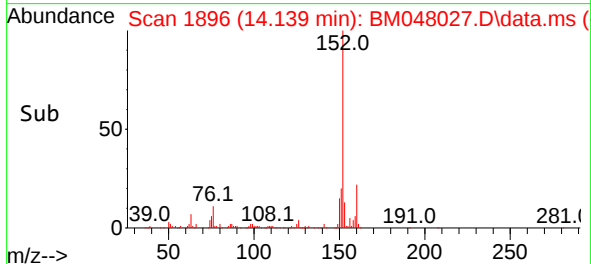
Instrument :
BNA_M
ClientSampleId :
A4EG2



Tgt Ion:152 Resp: 76058
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.2
153 12.6 10.7 16.1

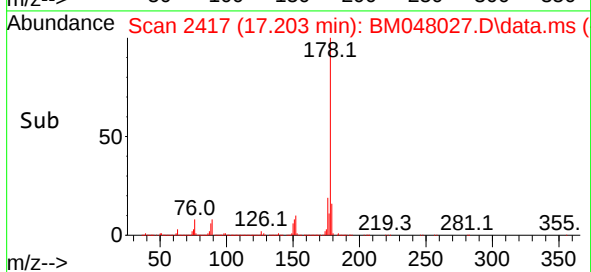
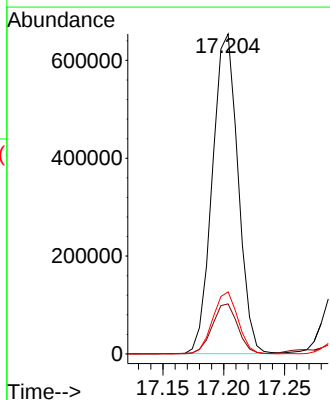
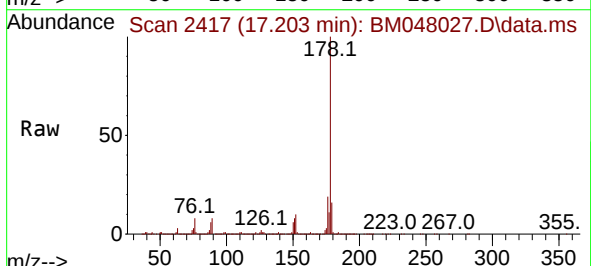
Manual Integrations
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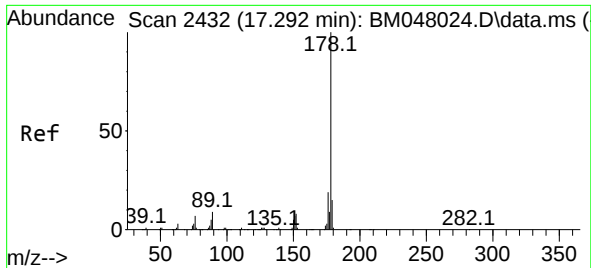
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#72
Phenanthrene
Concen: 10.614 ng/ul
RT: 17.203 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15

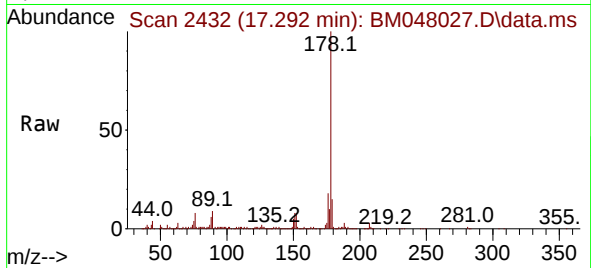
Tgt Ion:178 Resp: 960520
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.4 15.4 23.0





#74
 Anthracene
 Concen: 2.059 ng/u1
 RT: 17.292 min Scan# 2432
 Delta R.T. -0.000 min
 Lab File: BM048027.D
 Acq: 14 Oct 2024 14:15

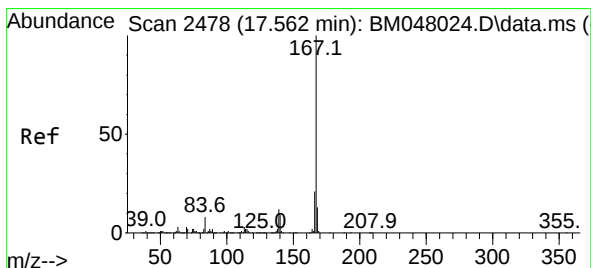
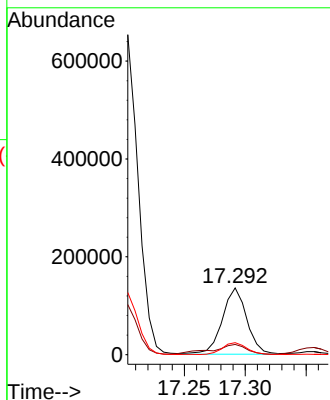
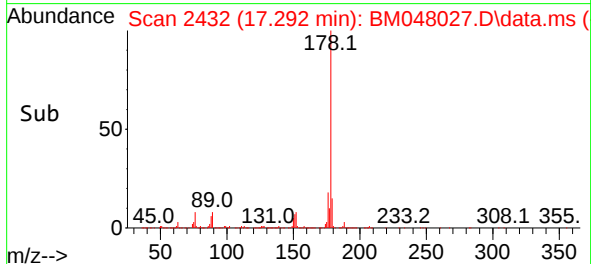
Instrument :
 BNA_M
 ClientSampleId :
 A4EG2



Tgt Ion:178 Resp: 190031
 Ion Ratio Lower Upper
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 179 15.3 12.4 18.6
 176 18.0 14.7 22.1

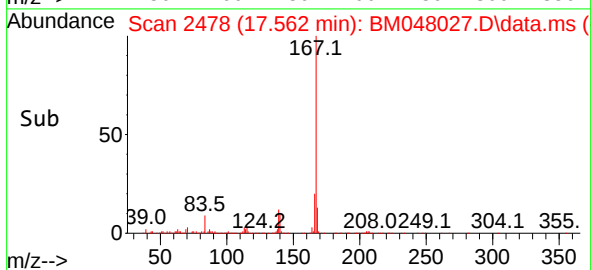
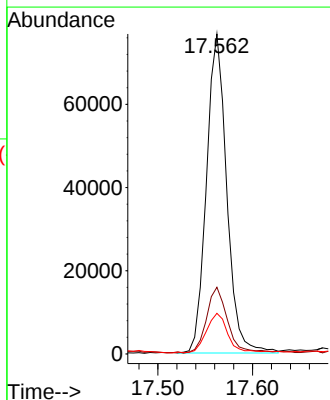
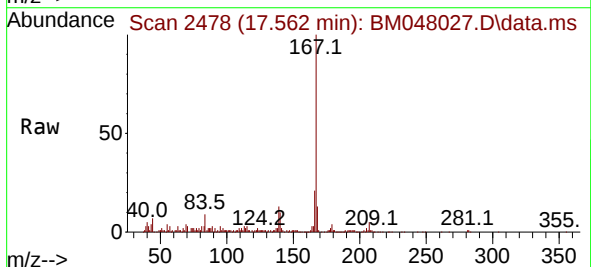
Manual Integrations
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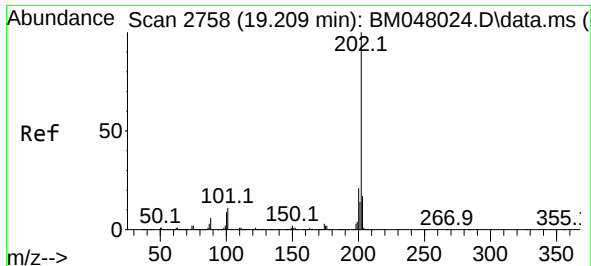
Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024



#77
 Carbazole
 Concen: 1.368 ng/u1
 RT: 17.562 min Scan# 2478
 Delta R.T. -0.000 min
 Lab File: BM048027.D
 Acq: 14 Oct 2024 14:15

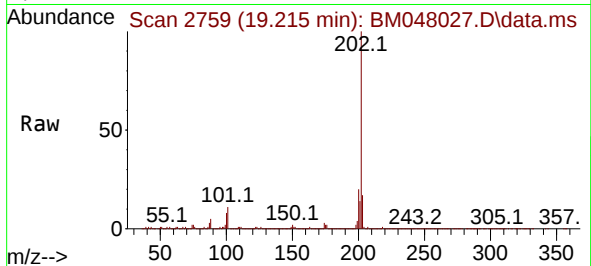
Tgt Ion:167 Resp: 114428
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 12.7 10.9 16.3





#80
Fluoranthene
Concen: 24.620 ng/ul
RT: 19.215 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15

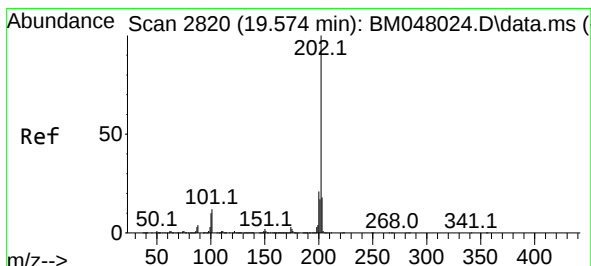
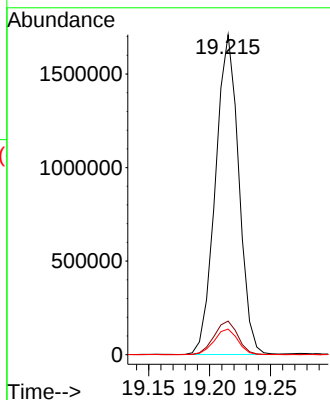
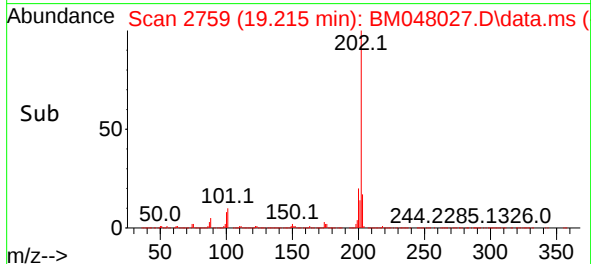
Instrument :
BNA_M
ClientSampleId :
A4EG2



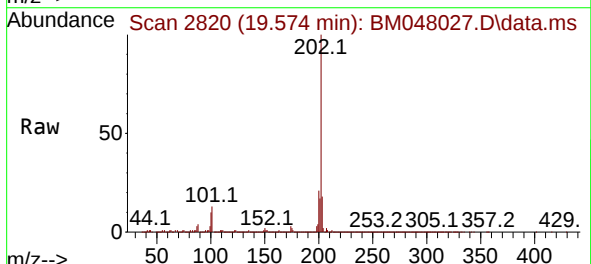
Tgt Ion:202 Resp: 2278790
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.4
100 8.0 6.8 10.2

Manual Integrations
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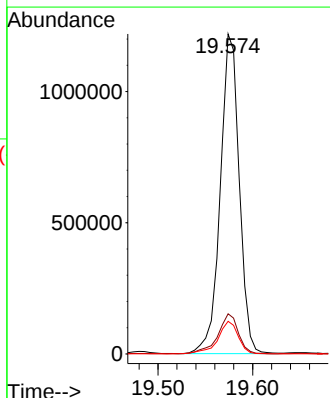
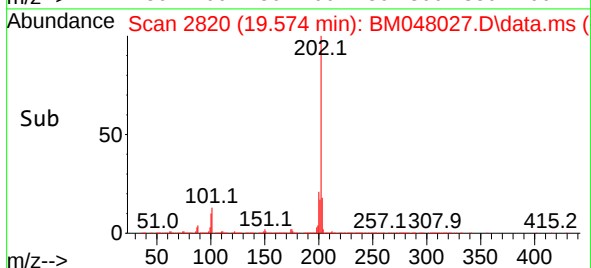
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

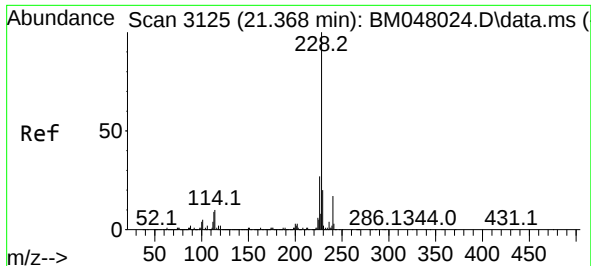


#82
Pyrene
Concen: 16.466 ng/ul
RT: 19.574 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15



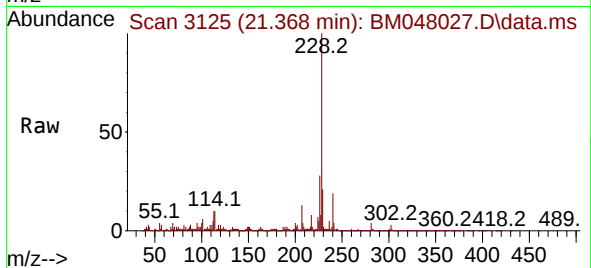
Tgt Ion:202 Resp: 1696227
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 10.2 9.4 14.2





#85
Benzo(a)anthracene
Concen: 10.215 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15

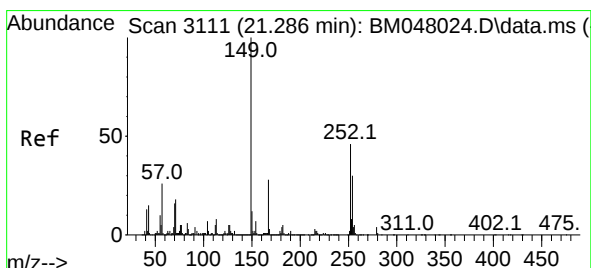
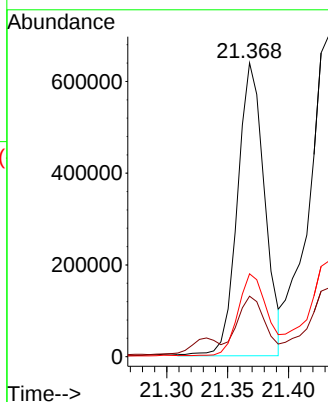
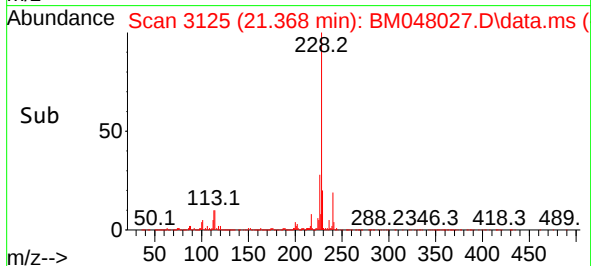
Instrument :
BNA_M
ClientSampleId :
A4EG2



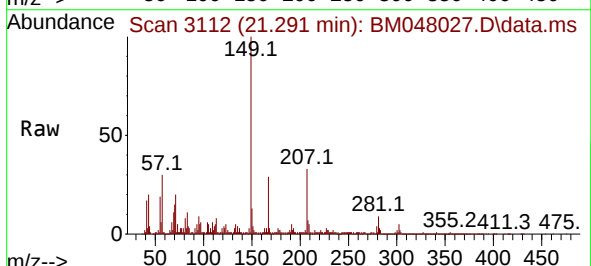
Tgt Ion:228 Resp: 990333
Ion Ratio Lower Upper
228 100
229 20.6 15.6 23.4
226 28.2 21.9 32.9

Manual Integrations
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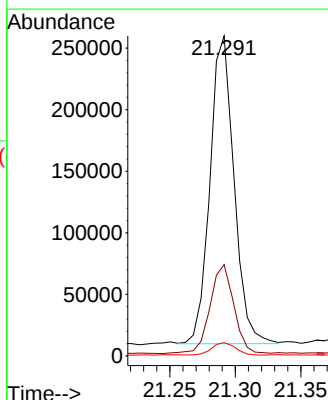
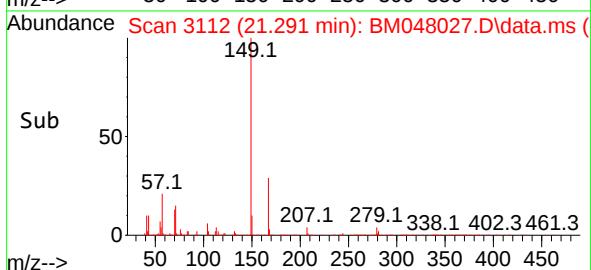
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

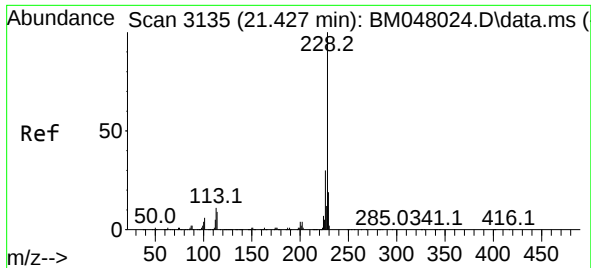


#86
Bis(2-ethylhexyl)phthalate
Concen: 5.839 ng/ul
RT: 21.291 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15



Tgt Ion:149 Resp: 319294
Ion Ratio Lower Upper
149 100
167 28.6 21.3 31.9
279 4.2 2.7 4.1#





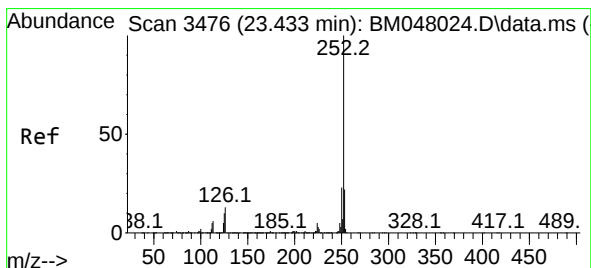
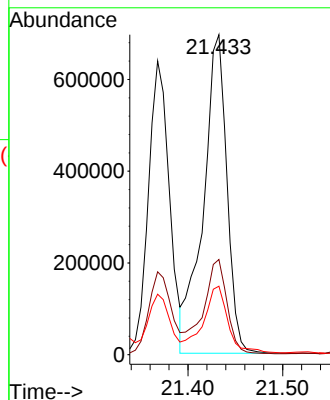
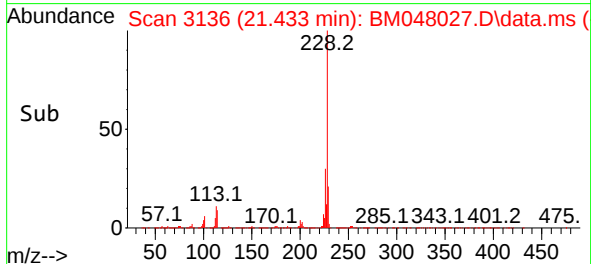
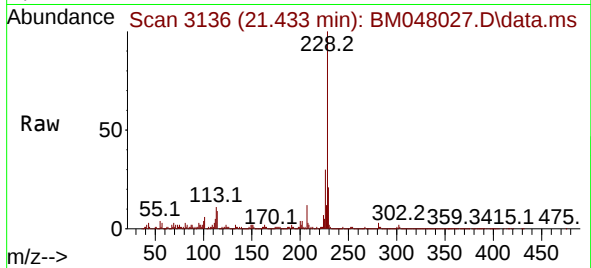
#87
Chrysene
Concen: 12.732 ng/ul
RT: 21.433 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15

Instrument :
BNA_M
ClientSampleId :
A4EG2

Tgt Ion:228 Resp: 1203419
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 21.4 15.3 22.9

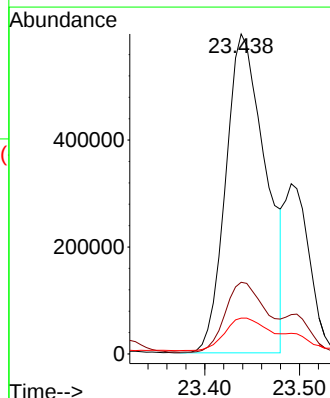
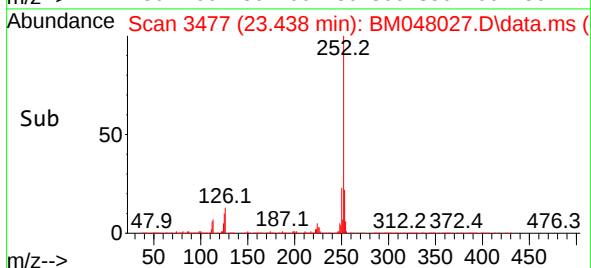
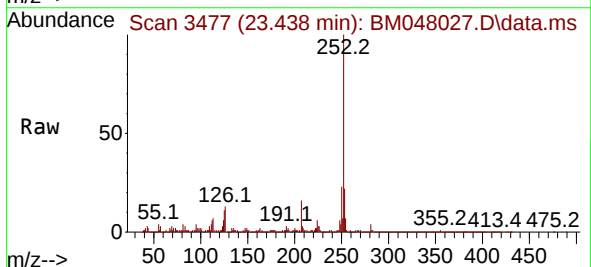
Manual Integrations
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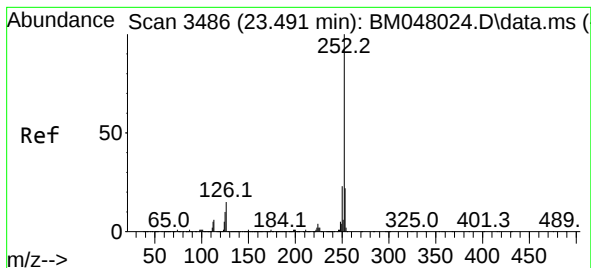
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 17.002 ng/ul
RT: 23.438 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048027.D
Acq: 14 Oct 2024 14:15

Tgt Ion:252 Resp: 1752865
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.2 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 5.406 ng/uI

RT: 23.491 min Scan# 3486

Delta R.T. 0.006 min

Lab File: BM048027.D

Acq: 14 Oct 2024 14:15

Instrument :

BNA_M

ClientSampleId :

A4EG2

Tgt Ion:252 Resp: 56994

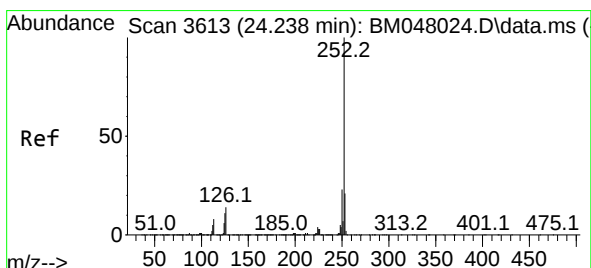
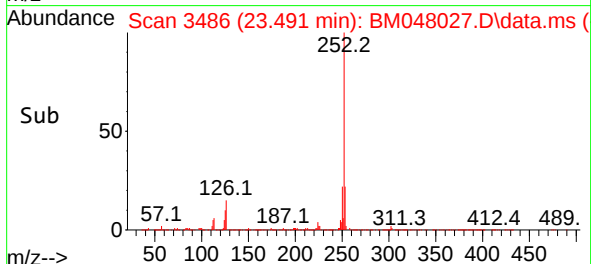
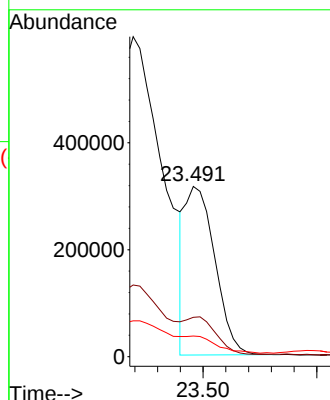
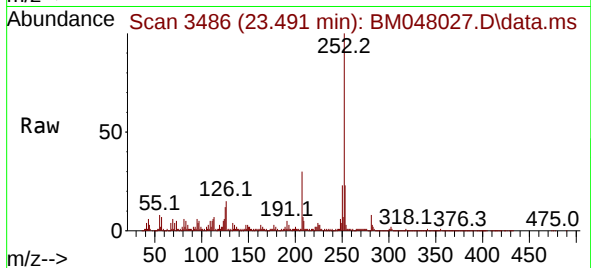
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	12.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#93

Benzo(a)pyrene

Concen: 6.774 ng/uI

RT: 24.244 min Scan# 3614

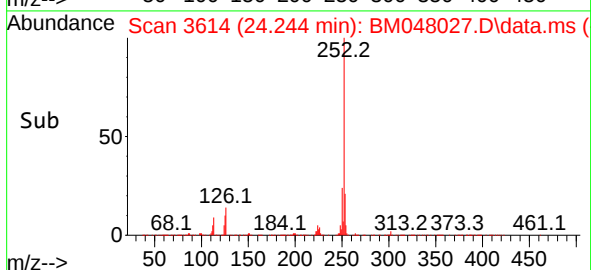
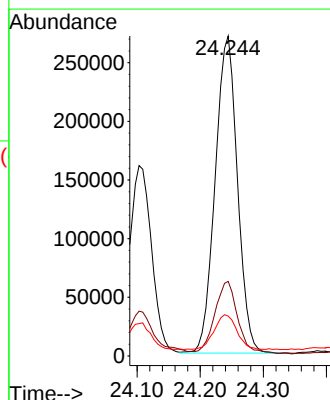
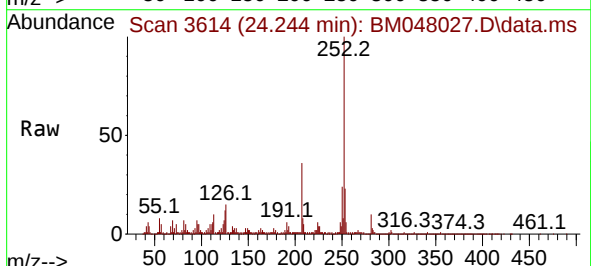
Delta R.T. 0.012 min

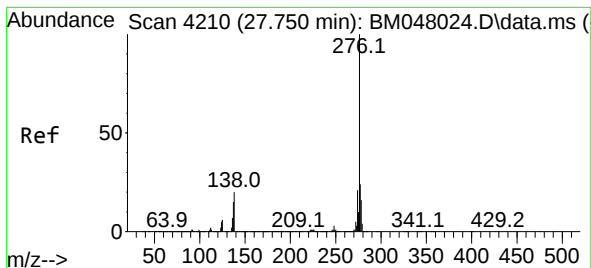
Lab File: BM048027.D

Acq: 14 Oct 2024 14:15

Tgt Ion:252 Resp: 663300

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.5	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.473 ng/ul

RT: 27.756 min Scan# 4210

Delta R.T. 0.012 min

Lab File: BM048027.D

Acq: 14 Oct 2024 14:15

Instrument :

BNA_M

ClientSampleId :

A4EG2

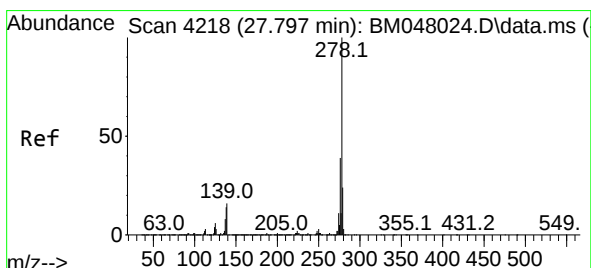
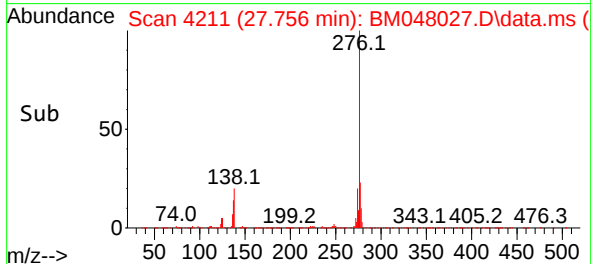
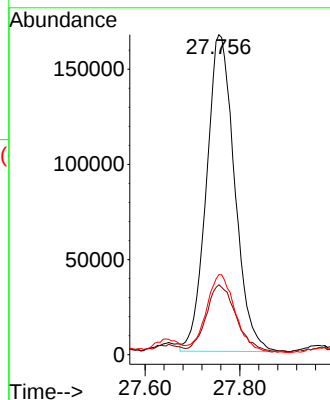
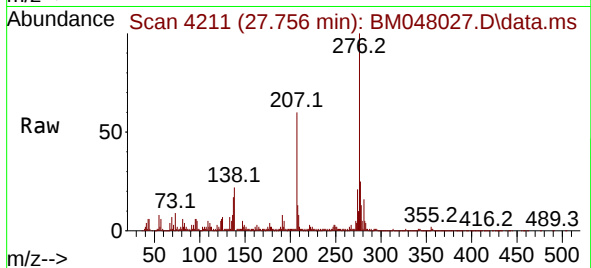
Tgt Ion:276 Resp: 686775
 Ion Ratio Lower Upper
 276 100
 138 21.9 16.9 25.3
 277 25.0 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.099 ng/ul

RT: 27.803 min Scan# 4219

Delta R.T. 0.006 min

Lab File: BM048027.D

Acq: 14 Oct 2024 14:15

Tgt Ion:278 Resp: 215835
 Ion Ratio Lower Upper
 278 100
 139 20.7 13.4 20.2#
 279 31.0 18.4 27.6#

