

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048056.D
 Acq On : 15 Oct 2024 10:03
 Operator : RC/JU
 Sample : P4238-12
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 11:00:32 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	7.787	152	275987	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1113045	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	686277	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1375020	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1217369	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1439521	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9077	1.063	ng/uL	0.00
4) Pyridine-d5	3.675	84	13052	0.522	ng/u1	0.02
7) Phenol-d5	6.963	99	170752	6.543	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	99655m	5.381	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	146851	7.734	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	121146	6.244	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	67375	7.603	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	75872	8.934	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	135756	8.002	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	55664	2.122	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	404274	8.125	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	473565	8.027	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	48172	4.863	ng/u1	0.02
60) Fluorene-d10	15.416	176	362918	8.421	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	17587	2.186	ng/u1	0.00
73) Anthracene-d10	17.257	188	567875	8.399	ng/u1	0.00
81) Pyrene-d10	19.551	212	584919	8.466	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	438172	5.867	ng/u1	0.01
Target Compounds					Qvalue	
50) Acenaphthylene	14.145	152	72855	1.095	ng/u1	99
72) Phenanthrene	17.204	178	866271	10.743	ng/u1	99
74) Anthracene	17.292	178	197859	2.406	ng/u1	99
77) Carbazole	17.563	167	97879	1.313	ng/u1	99
80) Fluoranthene	19.215	202	1986742	24.415	ng/u1	99
82) Pyrene	19.580	202	1433310	15.826	ng/u1	96
85) Benzo(a)anthracene	21.374	228	888044	10.419	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	348111	7.241	ng/u1#	97
87) Chrysene	21.433	228	977315	11.761	ng/u1	96
90) Benzo(b)fluoranthene	23.444	252	1428424	15.912	ng/u1	99
91) Benzo(k)fluoranthene	23.503	252	455308	4.960	ng/u1	96
93) Benzo(a)pyrene	24.244	252	516079	6.053	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.779	276	514525	4.709	ng/u1	99
95) Dibenzo(a,h)anthracene	27.815	278	177567	1.983	ng/u1#	87

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

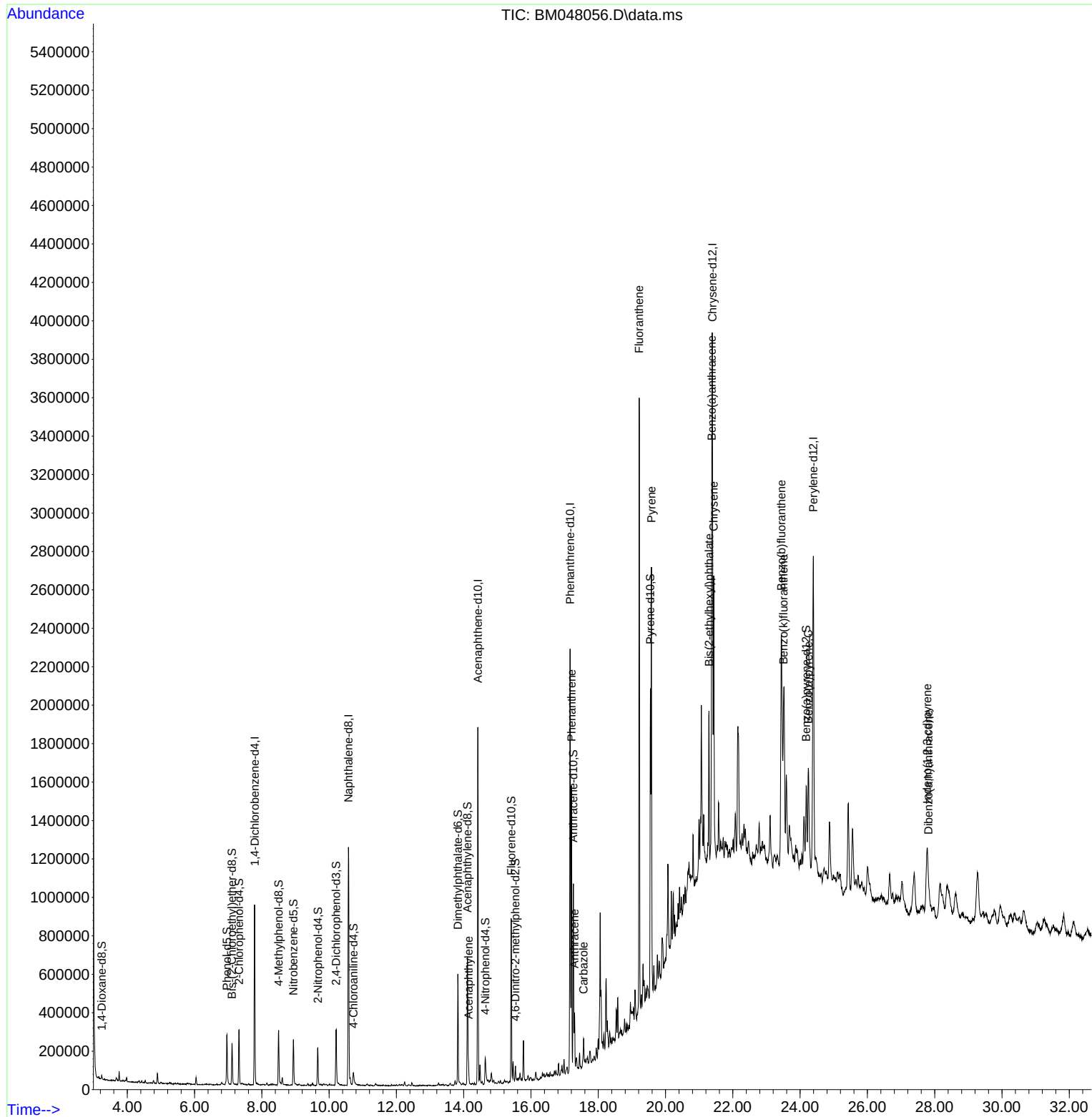
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048056.D
Acq On : 15 Oct 2024 10:03
Operator : RC/JU
Sample : P4238-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

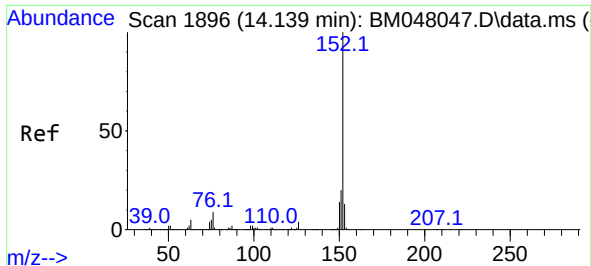
Instrument :
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ClientSampleId :
A4EY8

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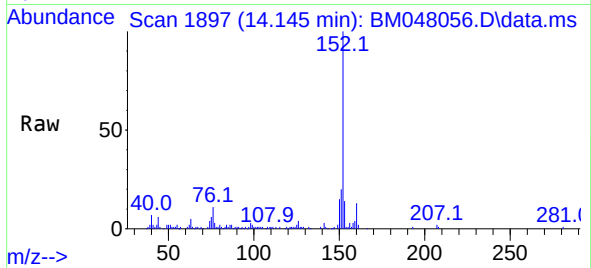
Quant Time: Oct 15 11:00:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.095 ng/u1
RT: 14.145 min Scan# 1897
Delta R.T. 0.000 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

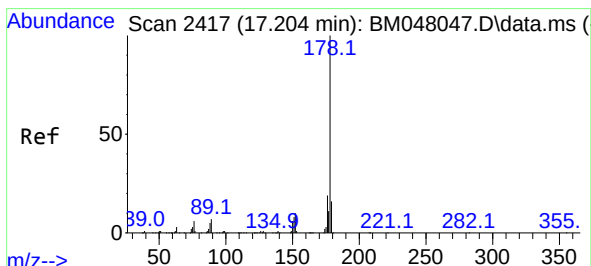
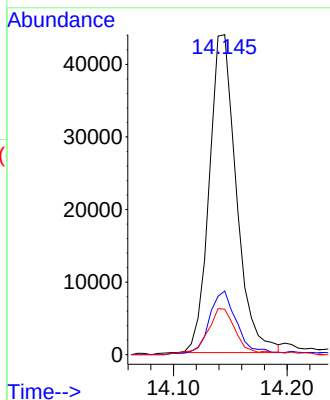
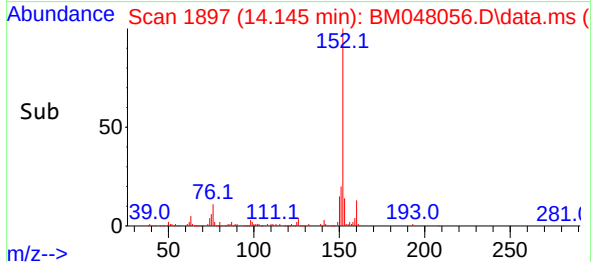
Instrument :
BNA_M
ClientSampleId :
A4EY8



Tgt Ion:152 Resp: 7285
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 14.2 10.7 16.1

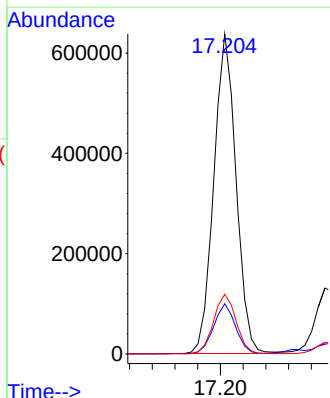
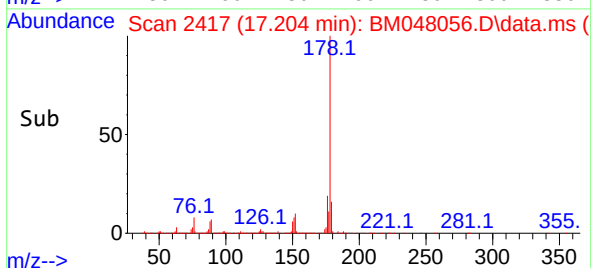
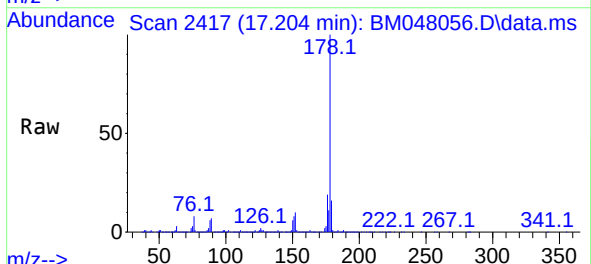
Manual Integrations
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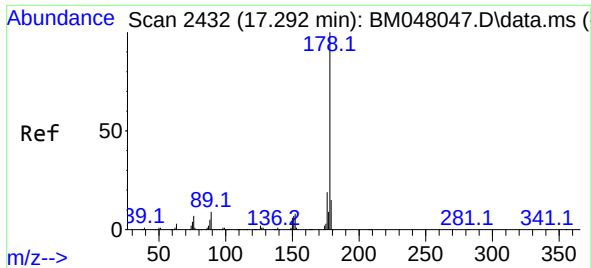
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#72
Phenanthrene
Concen: 10.743 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

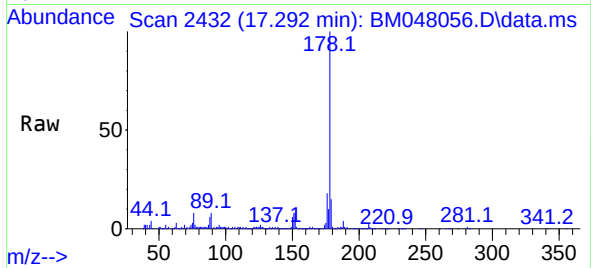
Tgt Ion:178 Resp: 866271
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 18.7 15.4 23.0





#74
 Anthracene
 Concen: 2.406 ng/u1
 RT: 17.292 min Scan# 2432
 Delta R.T. 0.000 min
 Lab File: BM048056.D
 Acq: 15 Oct 2024 10:03

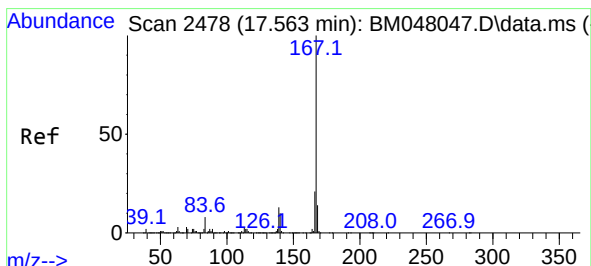
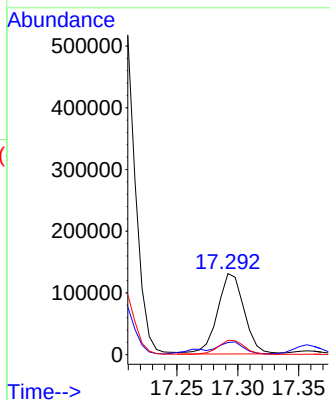
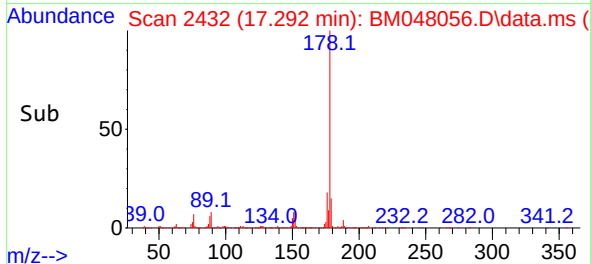
Instrument :
 BNA_M
 ClientSampleId :
 A4EY8



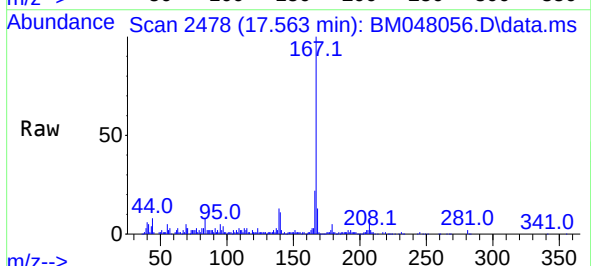
Tgt Ion:178 Resp: 197859
 Ion Ratio Lower Upper
 178 100
 179 15.1 12.4 18.6
 176 17.8 14.7 22.1

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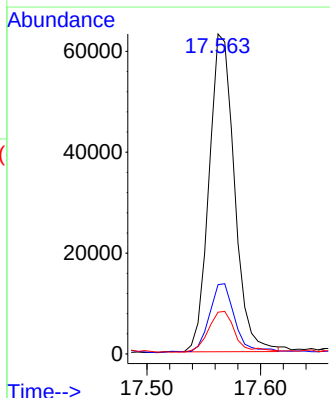
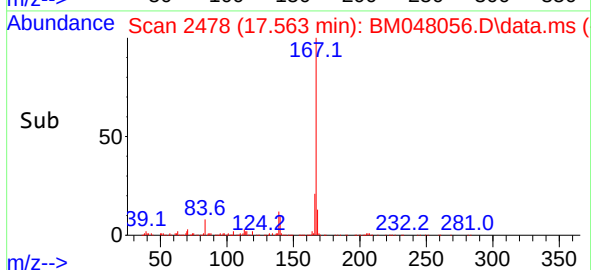
Reviewed By :Yogesh Patel 10/16/2024
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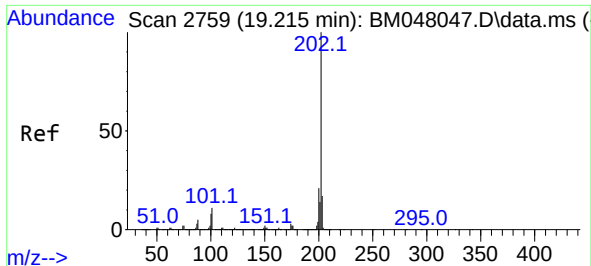


#77
 Carbazole
 Concen: 1.313 ng/u1
 RT: 17.563 min Scan# 2478
 Delta R.T. 0.000 min
 Lab File: BM048056.D
 Acq: 15 Oct 2024 10:03



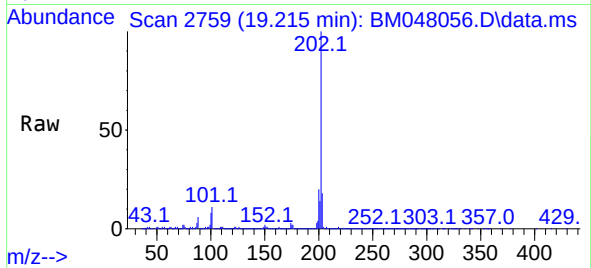
Tgt Ion:167 Resp: 97879
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 13.1 10.9 16.3





#80
Fluoranthene
Concen: 24.415 ng/u1
RT: 19.215 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

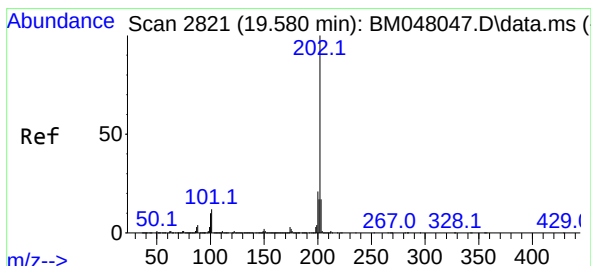
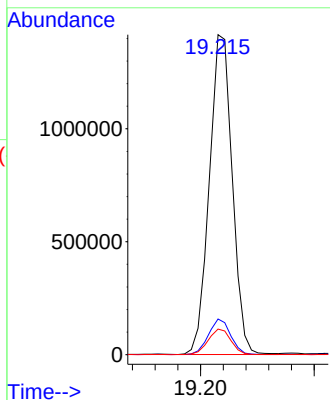
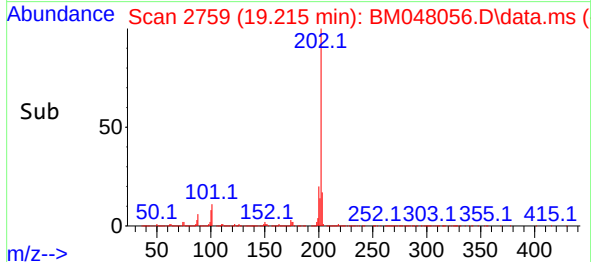
Instrument :
BNA_M
ClientSampleId :
A4EY8



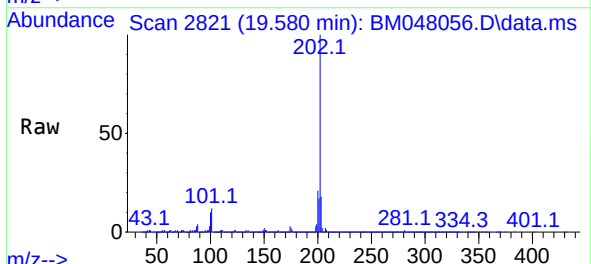
Tgt Ion:202 Resp: 198674
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.0 6.8 10.2

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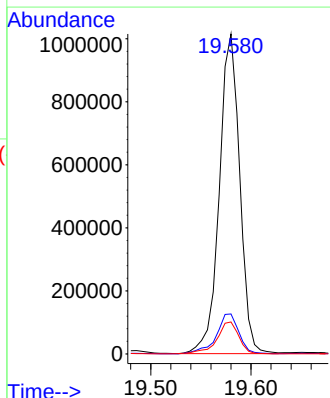
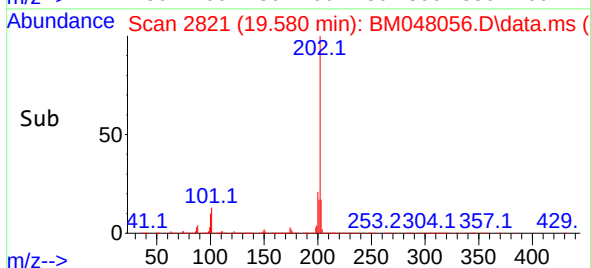
Reviewed By :Yogesh Patel 10/16/2024
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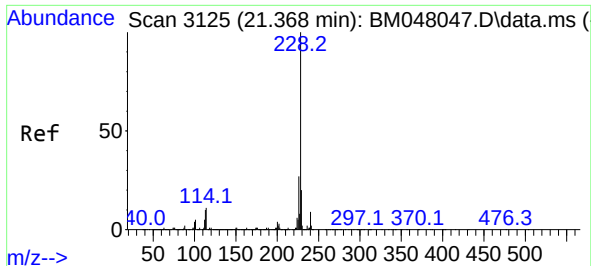


#82
Pyrene
Concen: 15.826 ng/u1
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03



Tgt Ion:202 Resp: 1433310
Ion Ratio Lower Upper
202 100
101 12.5 10.9 16.3
100 10.0 9.4 14.2





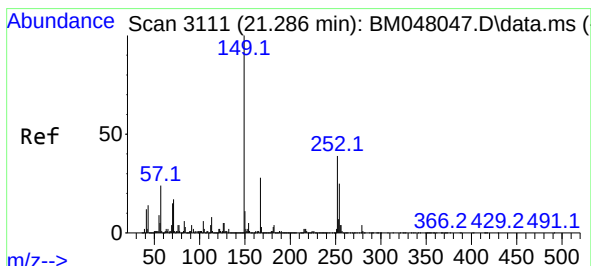
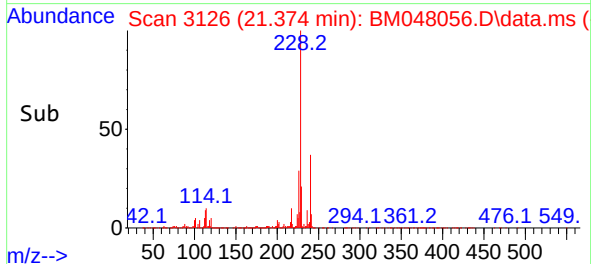
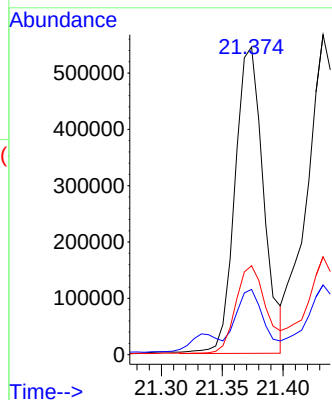
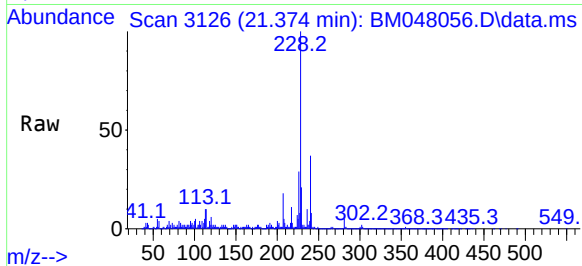
#85
Benzo(a)anthracene
Concen: 10.419 ng/ul
RT: 21.374 min Scan# 3125
Delta R.T. 0.006 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

Instrument :
BNA_M
ClientSampleId :
A4EY8

Tgt Ion:228 Resp: 888044
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.9 21.9 32.9

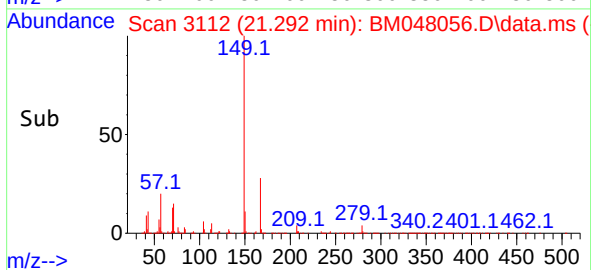
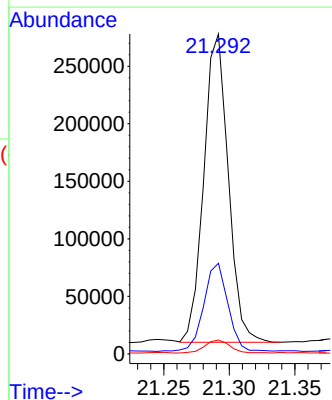
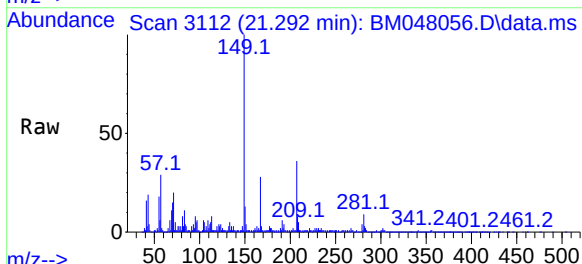
Manual Integrations
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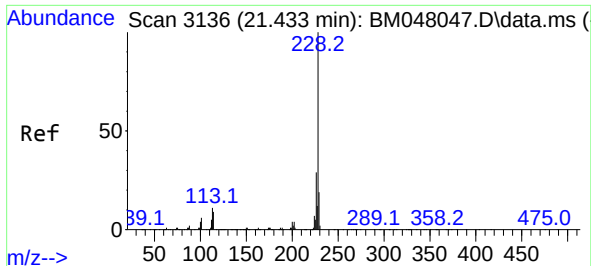
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 7.241 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

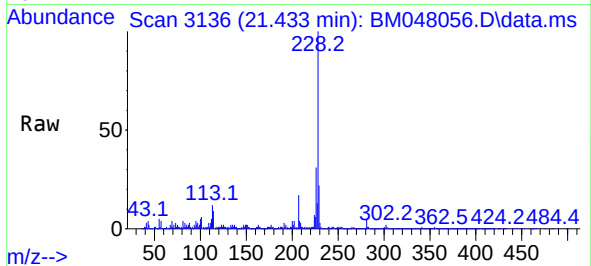
Tgt Ion:149 Resp: 348111
Ion Ratio Lower Upper
149 100
167 28.3 21.3 31.9
279 4.4 2.7 4.1#





#87
Chrysene
Concen: 11.761 ng/u1
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

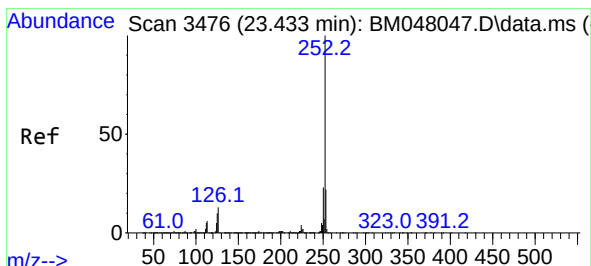
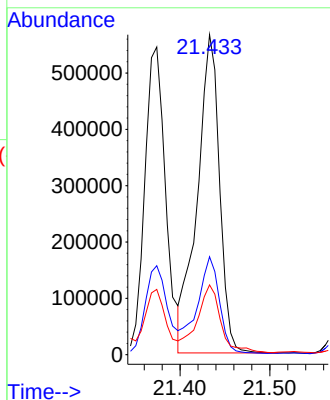
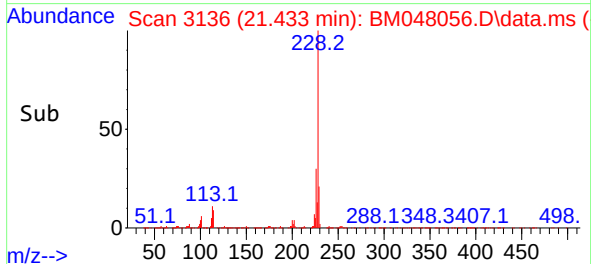
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A4EY8



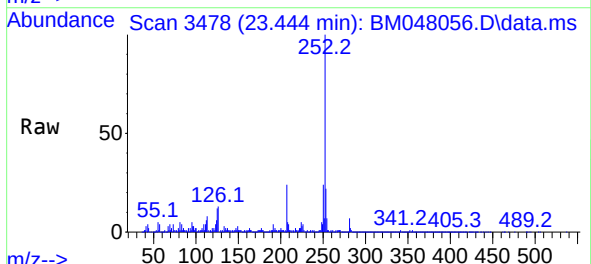
Tgt Ion:228 Resp: 977315
Ion Ratio Lower Upper
228 100
226 30.6 23.6 35.4
229 21.8 15.3 22.9

Manual Integrations
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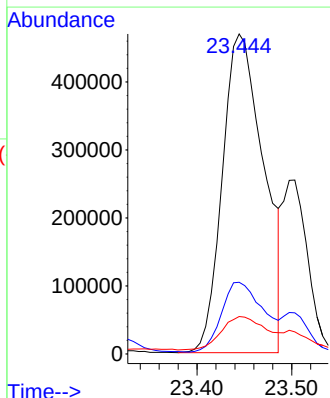
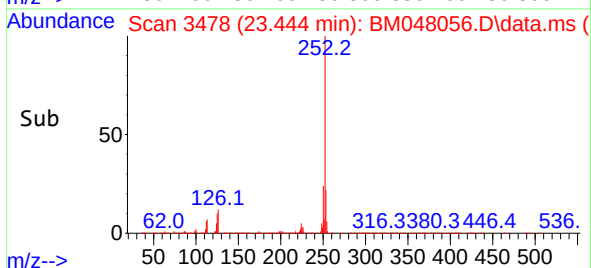
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024

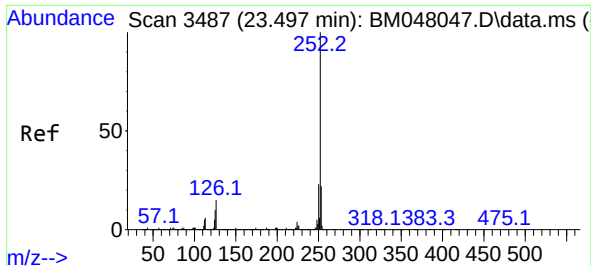


#90
Benzo(b)fluoranthene
Concen: 15.912 ng/u1
RT: 23.444 min Scan# 3478
Delta R.T. 0.018 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03



Tgt Ion:252 Resp: 1428424
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.7 9.0 13.4





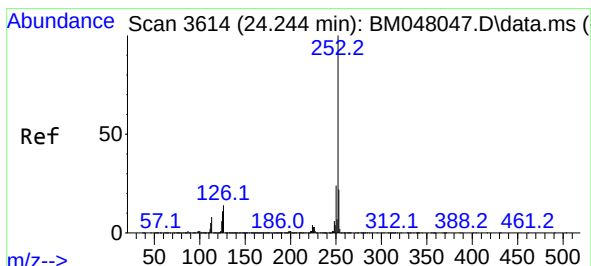
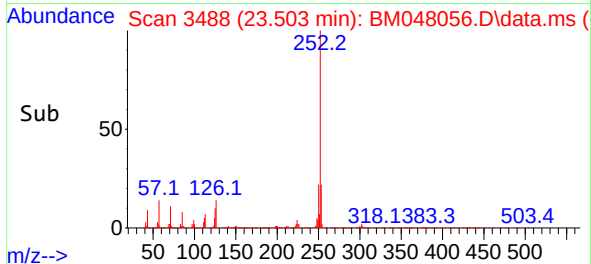
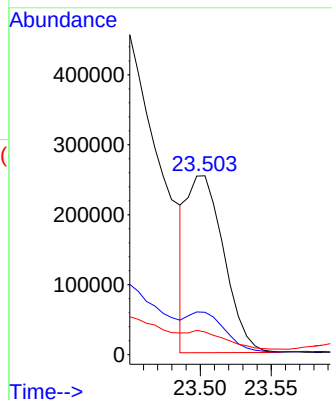
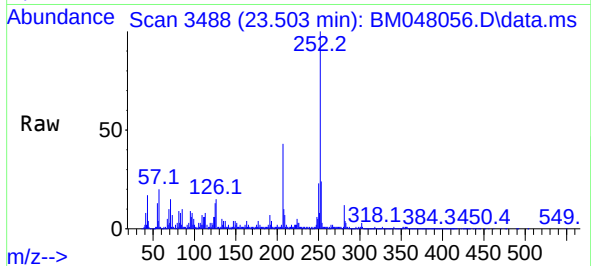
#91
Benzo(k)fluoranthene
Concen: 4.960 ng/u1
RT: 23.503 min Scan# 3487
Delta R.T. 0.018 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

Instrument :
BNA_M
ClientSampleId :
A4EY8

Tgt Ion:252 Resp: 455308
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 12.7 8.9 13.3

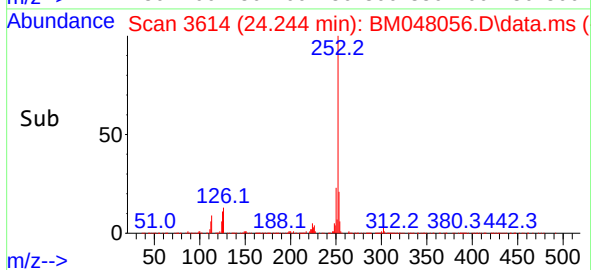
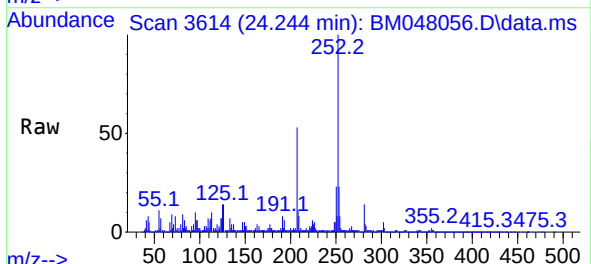
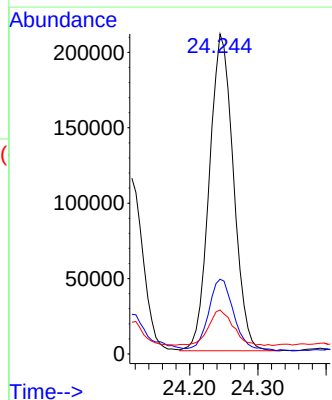
Manual Integrations
APPROVED

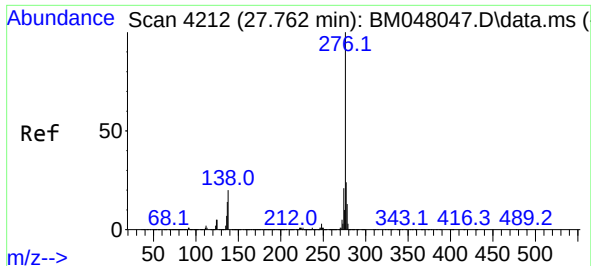
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#93
Benzo(a)pyrene
Concen: 6.053 ng/u1
RT: 24.244 min Scan# 3614
Delta R.T. 0.012 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

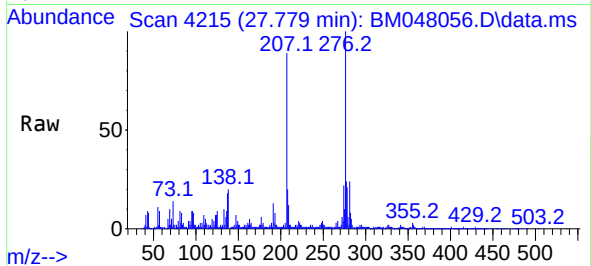
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Ion Ratio Lower Upper
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253 23.4 17.2 25.8
125 13.7 10.1 15.1





#94
Indeno(1,2,3-cd)pyrene
Concen: 4.709 ng/ul
RT: 27.779 min Scan# 4212
Delta R.T. 0.035 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03

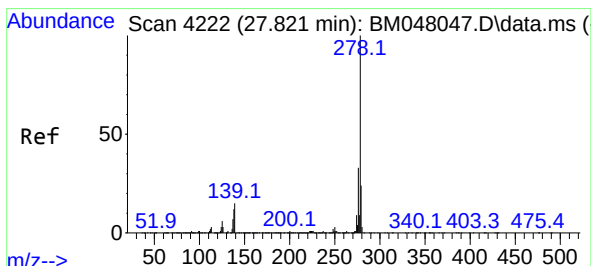
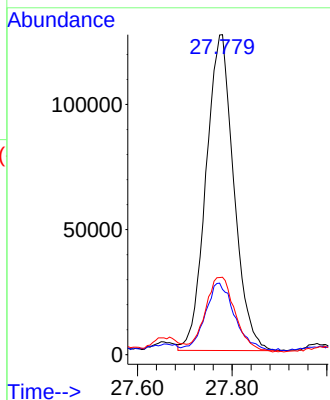
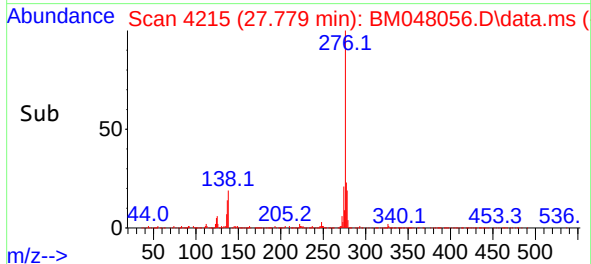
Instrument :
BNA_M
ClientSampleId :
A4EY8



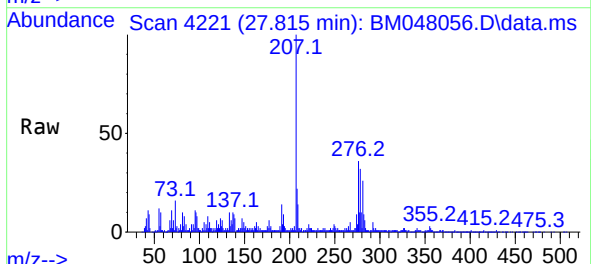
Tgt Ion:276 Resp: 51452
Ion Ratio Lower Upper
276 100
138 20.4 16.9 25.3
277 24.2 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.983 ng/ul
RT: 27.815 min Scan# 4221
Delta R.T. 0.018 min
Lab File: BM048056.D
Acq: 15 Oct 2024 10:03



Tgt Ion:278 Resp: 177567
Ion Ratio Lower Upper
278 100
139 21.3 13.4 20.2#
279 30.3 18.4 27.6#

