

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048059.D
 Acq On : 15 Oct 2024 12:01
 Operator : RC/JU
 Sample : P4238-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EY5

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 12:41:34 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	7.781	152	301665	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1187713	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	708325	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1424843	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1313829	20.000	ng/u1	0.00
88) Perylene-d12	24.392	264	1568555	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	9529	1.021	ng/uL	0.00
4) Pyridine-d5	3.670	84	12500m	0.457	ng/u1	0.01
7) Phenol-d5	6.958	99	153365	5.376	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	91339	4.512	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	136904	6.597	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	104853	4.944	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	60016	6.346	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	64209	7.085	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	119042	6.576	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	63360	2.264	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	343720	6.693	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	403780	6.631	ng/u1	0.00
54) 4-Nitrophenol-d4	14.645	143	34930	3.416	ng/u1	0.02
60) Fluorene-d10	15.416	176	307643	6.916	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	13097	1.571	ng/u1	0.00
73) Anthracene-d10	17.263	188	483707	6.904	ng/u1	0.00
81) Pyrene-d10	19.551	212	510526	6.847	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	393202	4.831	ng/u1	0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.204	178	769020	9.203	ng/u1	100
74) Anthracene	17.292	178	166924	1.959	ng/u1	99
80) Fluoranthene	19.216	202	1391862	15.849	ng/u1	99
82) Pyrene	19.580	202	1039906	10.639	ng/u1	96
85) Benzo(a)anthracene	21.374	228	634362	6.896	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.292	149	209174	4.032	ng/u1#	99
87) Chrysene	21.433	228	663110	7.394	ng/u1	97
90) Benzo(b)fluoranthene	23.439	252	942072	9.631	ng/u1	98
91) Benzo(k)fluoranthene	23.498	252	300878m	3.008	ng/u1	
93) Benzo(a)pyrene	24.245	252	361145	3.887	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.774	276	339703	2.853	ng/u1	97
95) Dibenzo(a,h)anthracene	27.803	278	123852m	1.269	ng/u1	

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

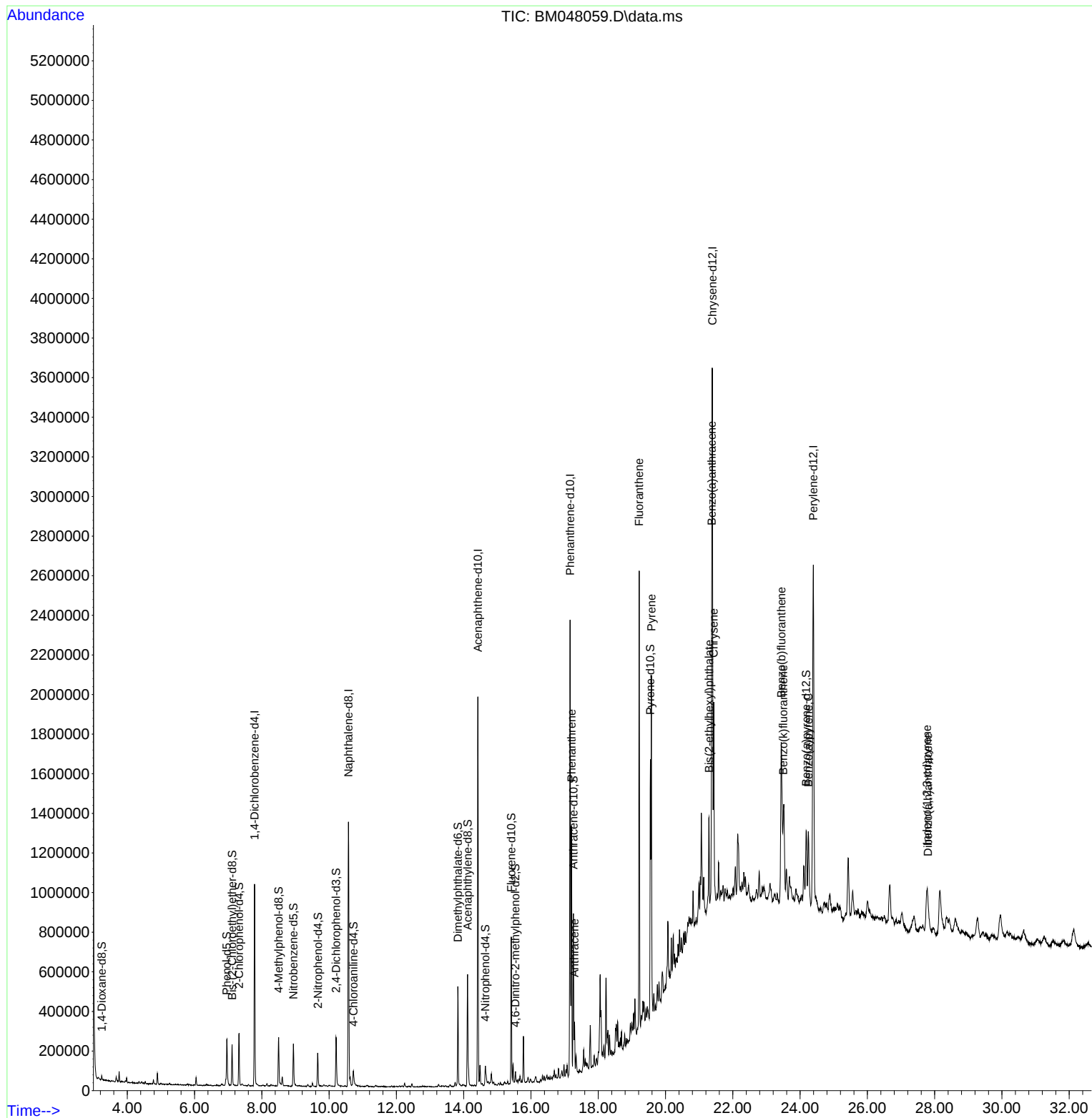
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048059.D
Acq On : 15 Oct 2024 12:01
Operator : RC/JU
Sample : P4238-09
Misc :
ALS Vial : 37 Sample Multiplier: 1

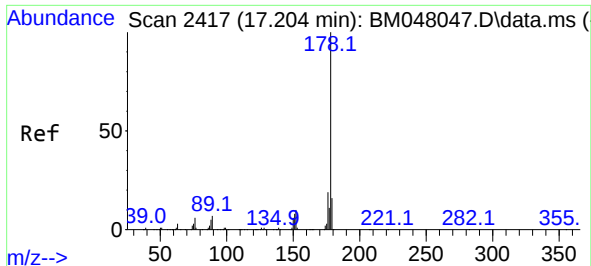
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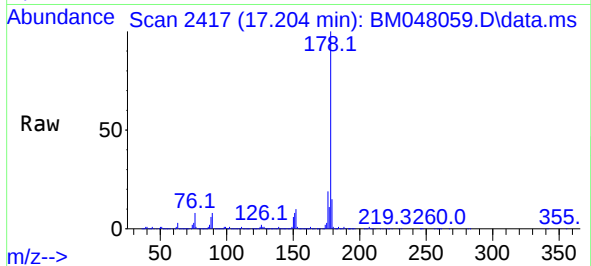
Quant Time: Oct 15 12:41:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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#72
Phenanthrene
Concen: 9.203 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

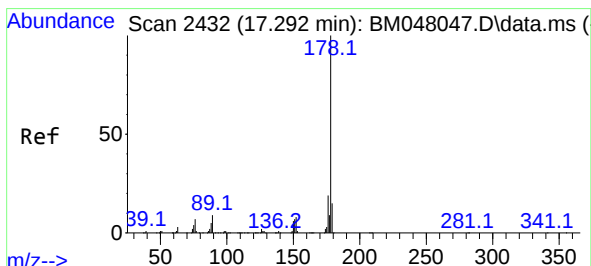
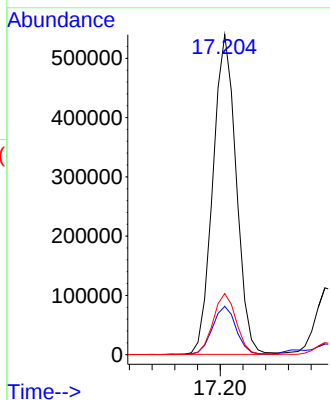
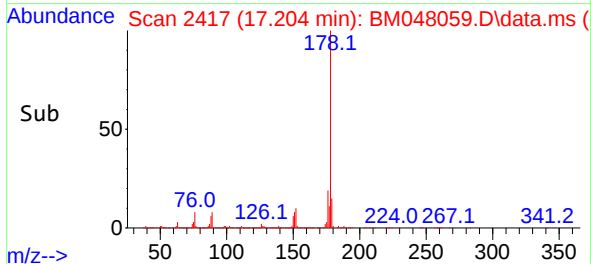
Instrument :
BNA_M
ClientSampleId :
A4EY5



Tgt Ion:178 Resp: 769020
Ion Ratio Lower Upper
178 100
179 15.1 12.0 18.0
176 19.1 15.4 23.0

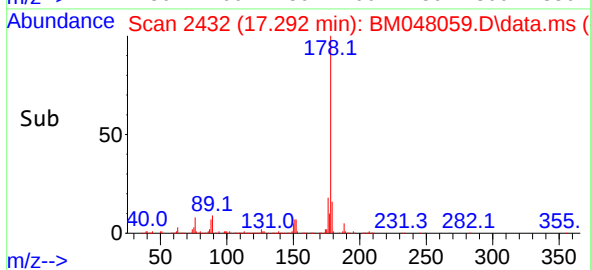
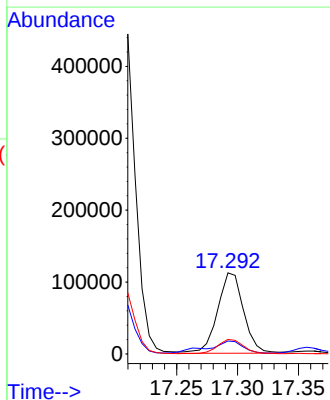
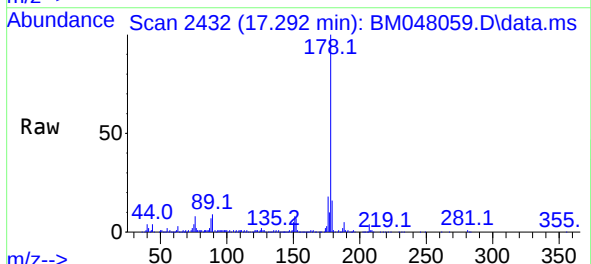
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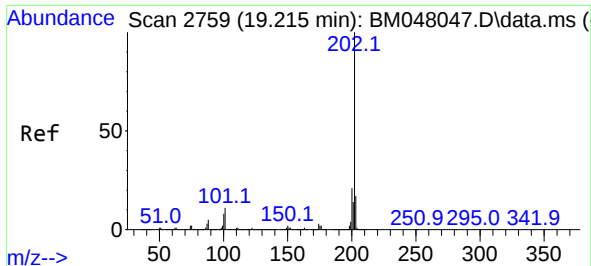
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 1.959 ng/u1
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

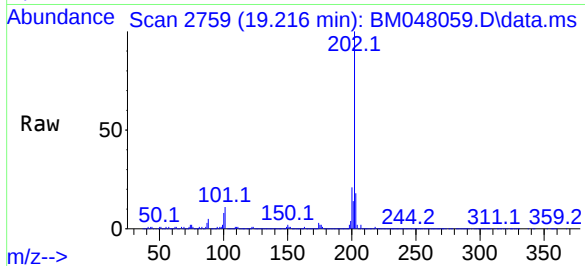
Tgt Ion:178 Resp: 166924
Ion Ratio Lower Upper
178 100
179 16.0 12.4 18.6
176 17.9 14.7 22.1





#80
Fluoranthene
Concen: 15.849 ng/u1
RT: 19.216 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

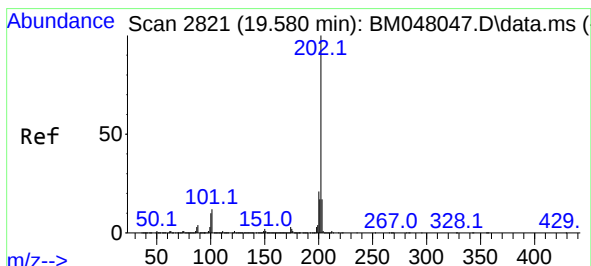
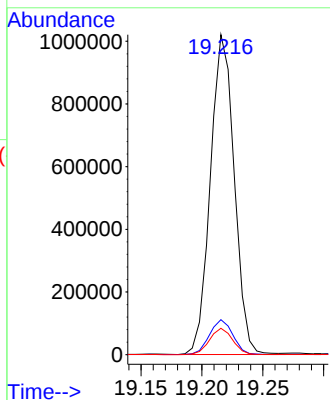
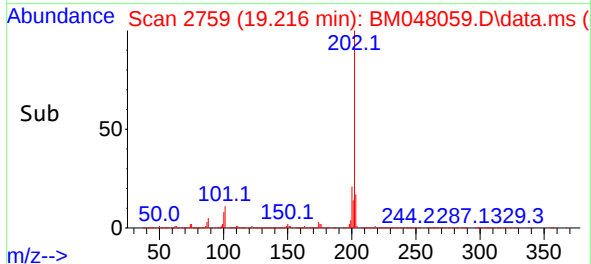
Instrument :
BNA_M
ClientSampleId :
A4EY5



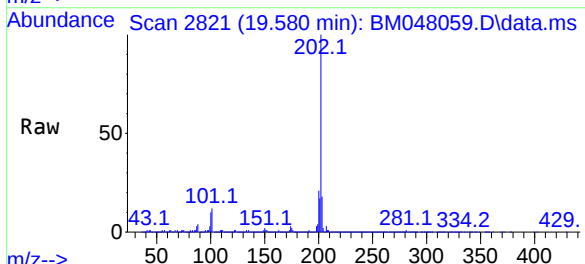
Tgt Ion:202 Resp: 1391862
Ion Ratio Lower Upper
202 100
101 10.9 9.0 13.4
100 8.3 6.8 10.2

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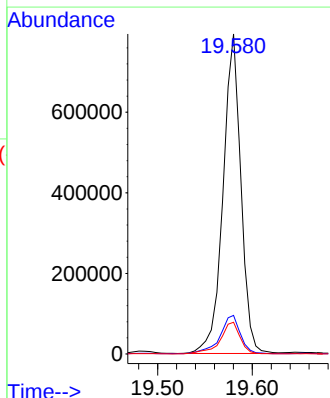
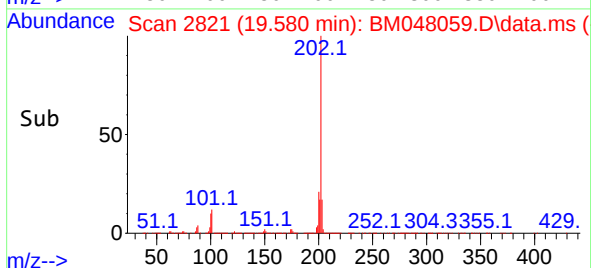
Reviewed By :Yogesh Patel 10/16/2024
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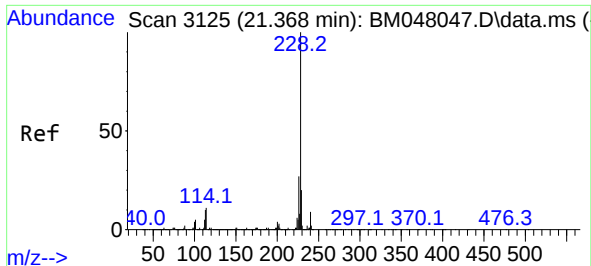


#82
Pyrene
Concen: 10.639 ng/u1
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01



Tgt Ion:202 Resp: 1039906
Ion Ratio Lower Upper
202 100
101 12.0 10.9 16.3
100 9.9 9.4 14.2





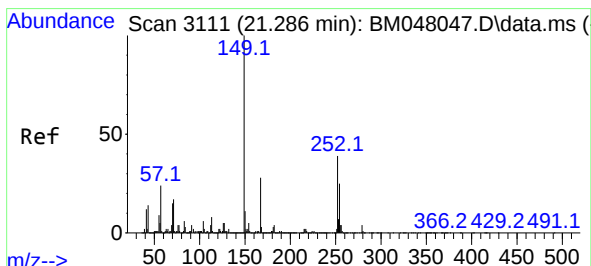
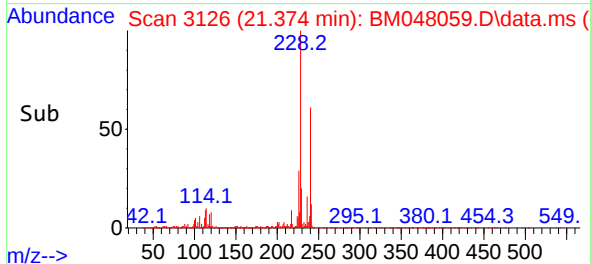
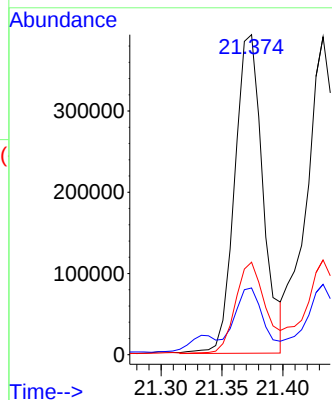
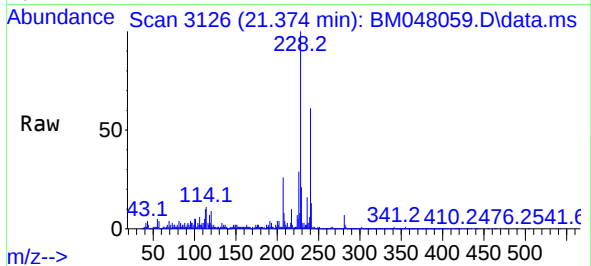
#85
Benzo(a)anthracene
Concen: 6.896 ng/ul
RT: 21.374 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4EY5

Tgt Ion:228 Resp: 634362
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.9 21.9 32.9

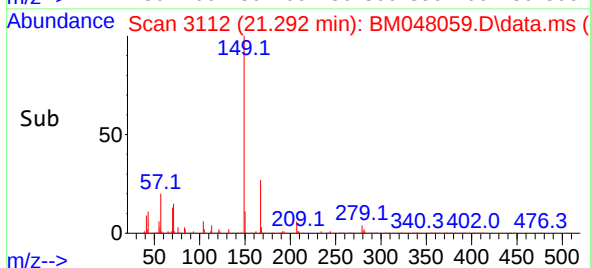
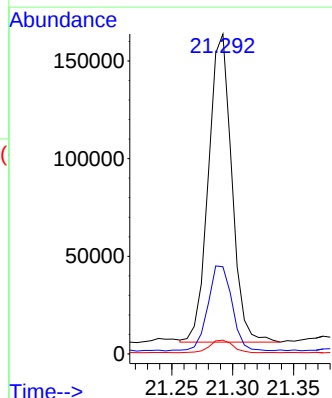
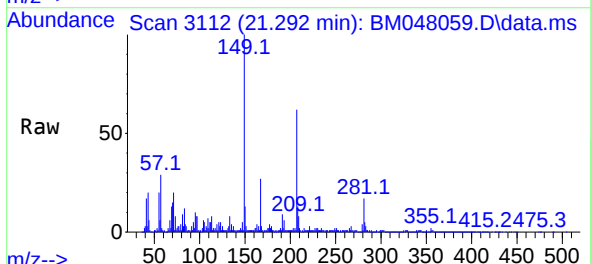
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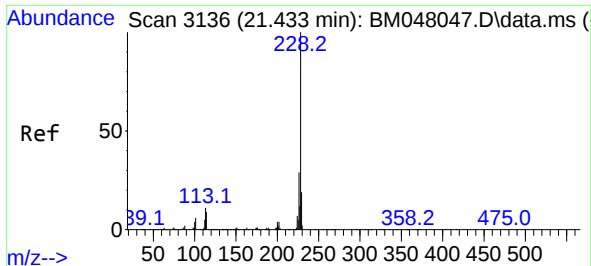
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.032 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

Tgt Ion:149 Resp: 209174
Ion Ratio Lower Upper
149 100
167 27.2 21.3 31.9
279 4.3 2.7 4.1#





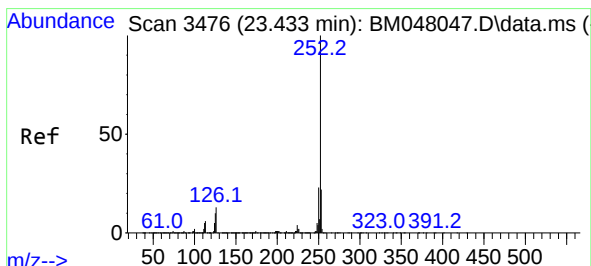
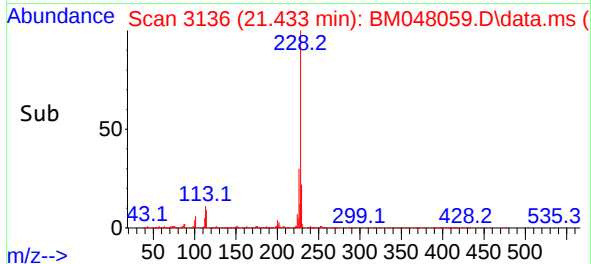
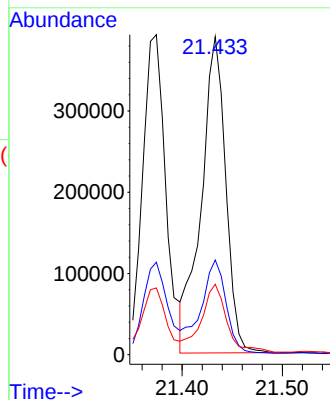
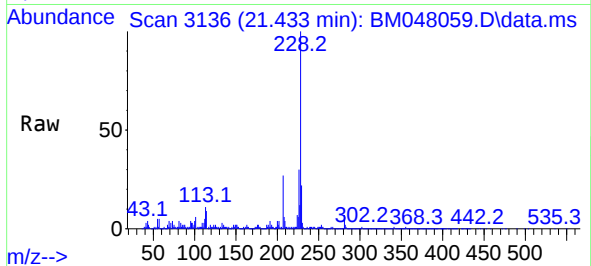
#87
Chrysene
Concen: 7.394 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. 0.006 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

Instrument :
BNA_M
ClientSampleId :
A4EY5

Tgt Ion:228 Resp: 663110
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 22.2 15.3 22.9

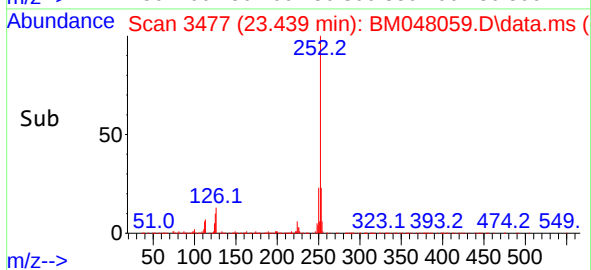
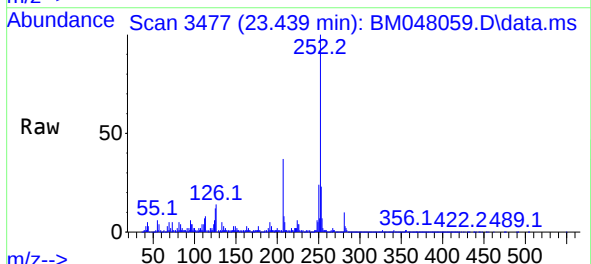
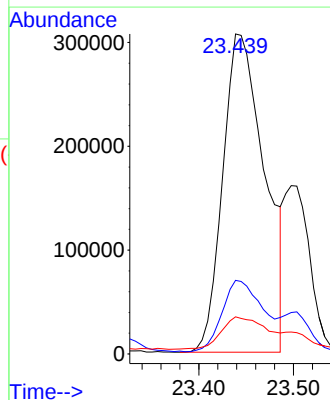
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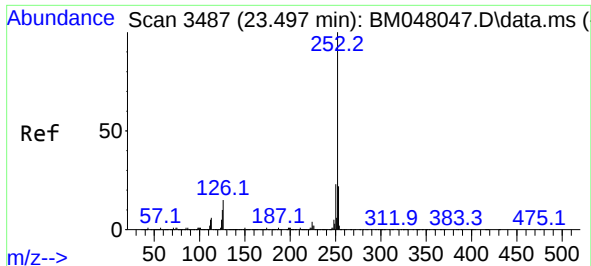
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#90
Benzo(b)fluoranthene
Concen: 9.631 ng/ul
RT: 23.439 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

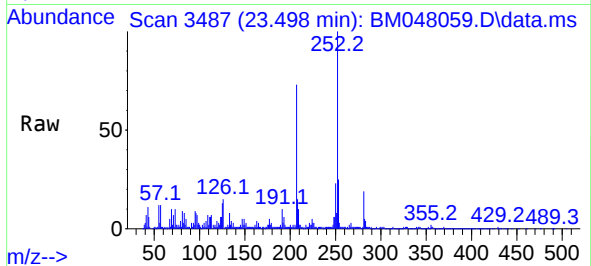
Tgt Ion:252 Resp: 942072
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 11.6 9.0 13.4





#91
Benzo(k)fluoranthene
Concen: 3.008 ng/ul m
RT: 23.498 min Scan# 3487
Delta R.T. 0.012 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

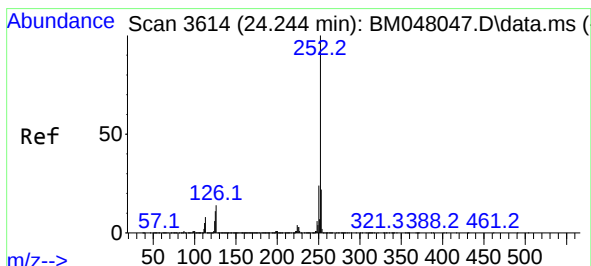
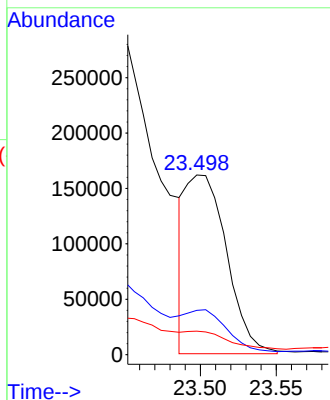
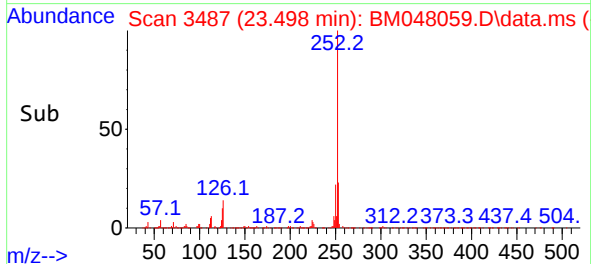
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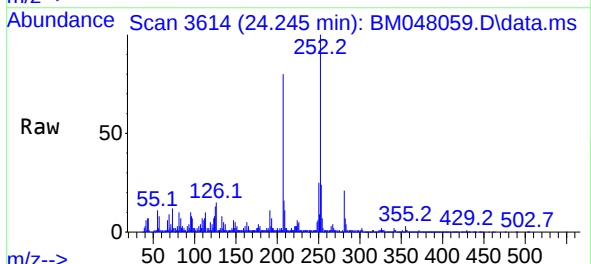
Tgt Ion:252 Resp: 300878
Ion Ratio Lower Upper
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253 24.6 17.5 26.3
125 13.1 8.9 13.3

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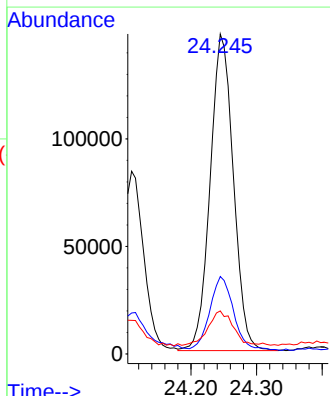
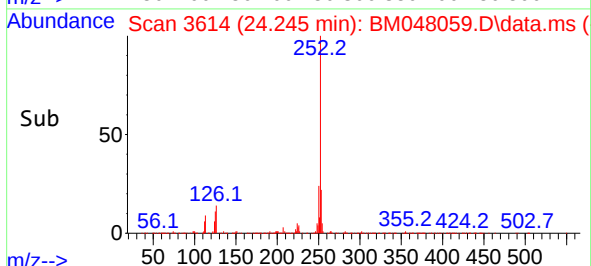
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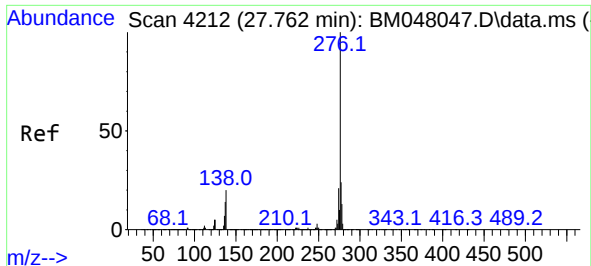


#93
Benzo(a)pyrene
Concen: 3.887 ng/ul
RT: 24.245 min Scan# 3614
Delta R.T. 0.012 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01



Tgt Ion:252 Resp: 361145
Ion Ratio Lower Upper
252 100
253 24.2 17.2 25.8
125 13.4 10.1 15.1





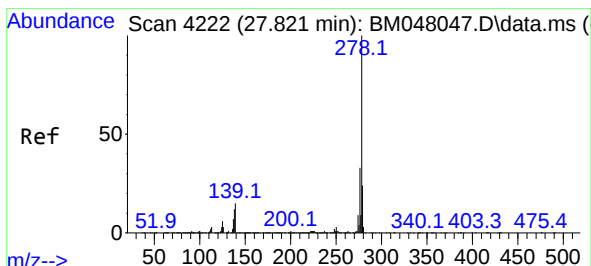
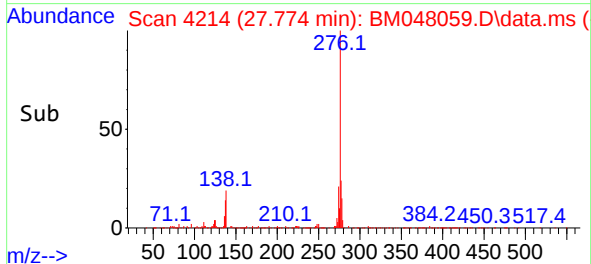
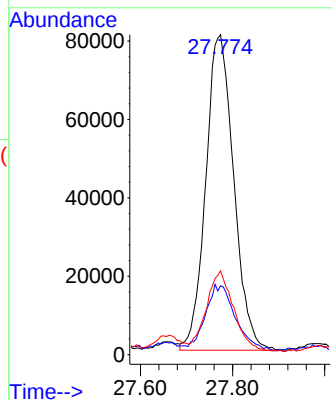
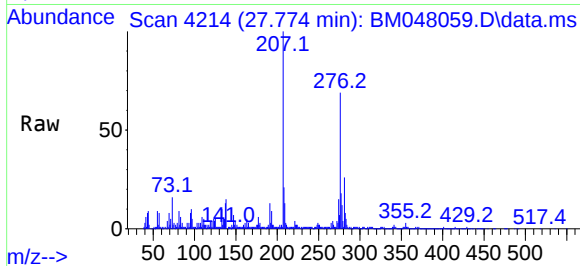
#94
Indeno(1,2,3-cd)pyrene
Concen: 2.853 ng/ul
RT: 27.774 min Scan# 4212
Delta R.T. 0.030 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:276 Resp: 33970
Ion Ratio Lower Upper
276 100
138 21.5 16.9 25.3
277 26.2 18.9 28.3

Manual Integrations
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Supervised By :mohammad ahmed 10/17/2024



#95
Dibenzo(a,h)anthracene
Concen: 1.269 ng/ul m
RT: 27.803 min Scan# 4219
Delta R.T. 0.006 min
Lab File: BM048059.D
Acq: 15 Oct 2024 12:01

Tgt Ion:278 Resp: 123852
Ion Ratio Lower Upper
278 100
139 21.8 13.4 20.2#
279 33.3 18.4 27.6#

