

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048073.D
 Acq On : 15 Oct 2024 23:03
 Operator : RC/JU
 Sample : P4239-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4ET3

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 23:41:04 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	202646	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	831598	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.416	164	518930	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.157	188	1034356	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	972509	20.000	ng/u1	0.00
88) Perylene-d12	24.380	264	1101740	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	11338	1.808	ng/uL	0.00
4) Pyridine-d5	3.669	84	16642	0.906	ng/u1	0.01
7) Phenol-d5	6.957	99	148134	7.731	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	109232	8.033	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	148363	10.642	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	96458	6.770	ng/u1	0.00
21) Nitrobenzene-d5	8.934	128	71379	10.780	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	74960	11.814	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	130528	10.298	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	67797m	3.460	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	423283	11.251	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	490339	10.992	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	32421m	4.328	ng/u1	0.02
60) Fluorene-d10	15.410	176	375309	11.517	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	42089	6.954	ng/u1	0.00
73) Anthracene-d10	17.257	188	561193	11.034	ng/u1	0.00
81) Pyrene-d10	19.545	212	613440	11.114	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	483801	8.464	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.198	178	211844	3.492	ng/u1	99
80) Fluoranthene	19.215	202	576607	8.870	ng/u1	98
82) Pyrene	19.574	202	426192	5.891	ng/u1	96
85) Benzo(a)anthracene	21.368	228	250209	3.675	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.286	149	82045	2.136	ng/u1#	97
87) Chrysene	21.427	228	315684	4.756	ng/u1	97
90) Benzo(b)fluoranthene	23.439	252	434983	6.331	ng/u1	98
91) Benzo(k)fluoranthene	23.491	252	160708m	2.288	ng/u1	
93) Benzo(a)pyrene	24.238	252	151029	2.315	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.756	276	153675	1.838	ng/u1	97

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

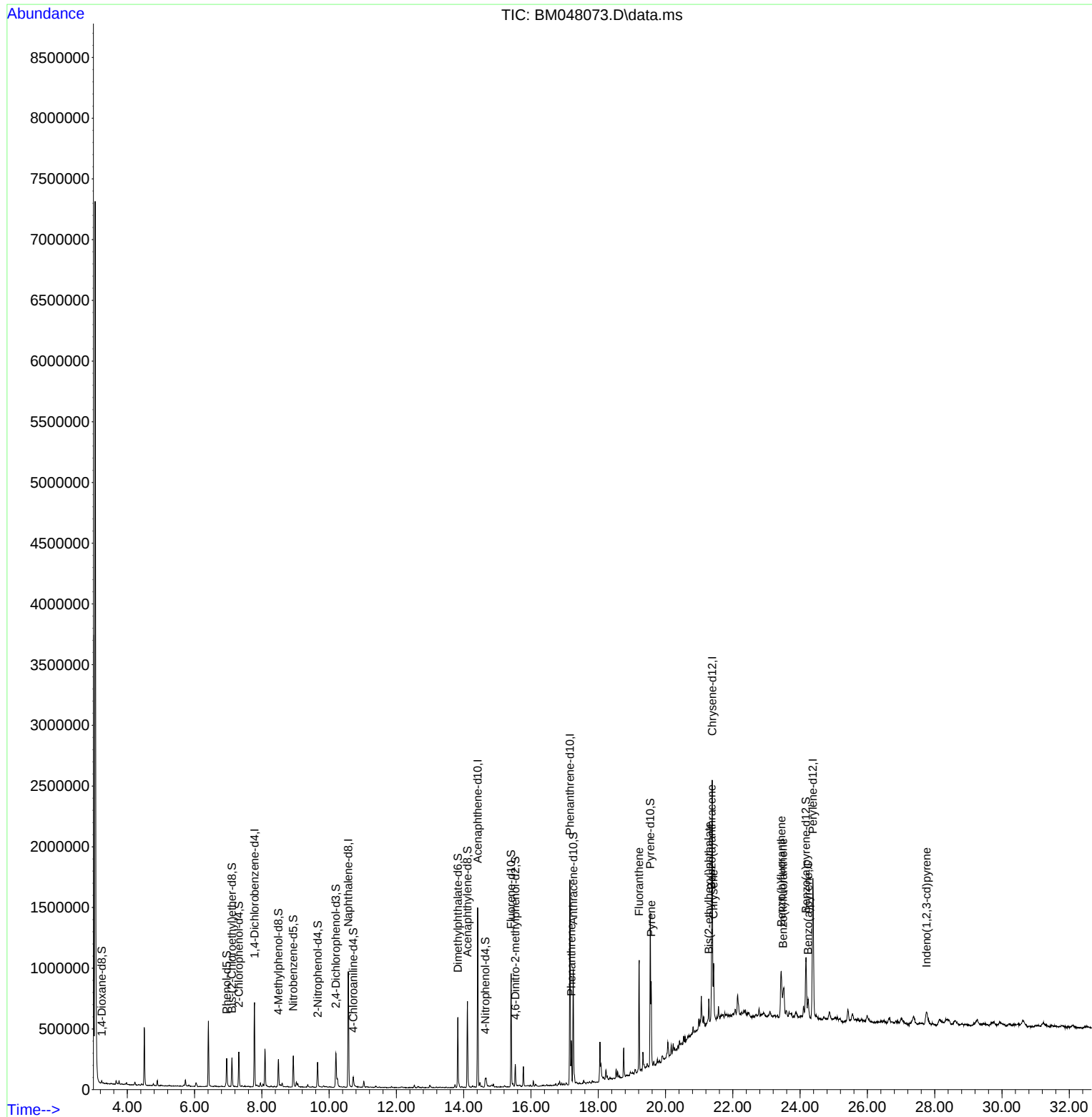
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048073.D
Acq On : 15 Oct 2024 23:03
Operator : RC/JU
Sample : P4239-09
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ALS Vial : 14 Sample Multiplier: 1

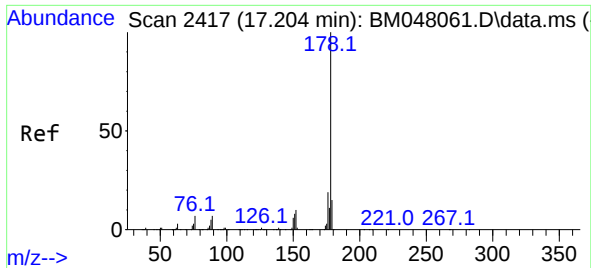
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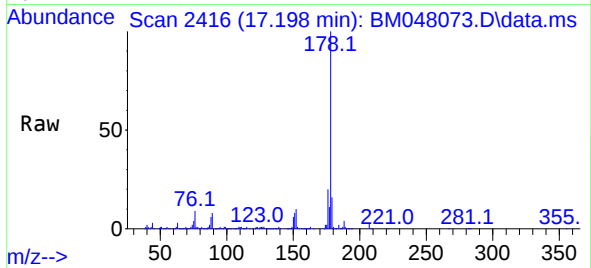
Quant Time: Oct 15 23:41:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.492 ng/u1
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

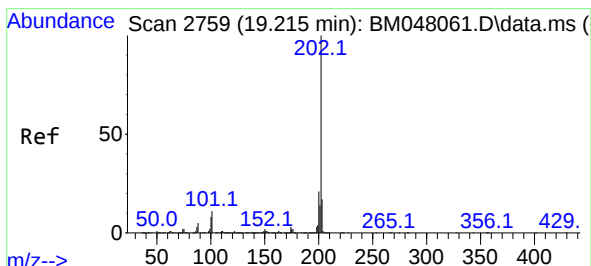
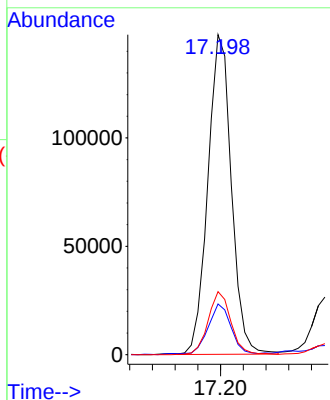
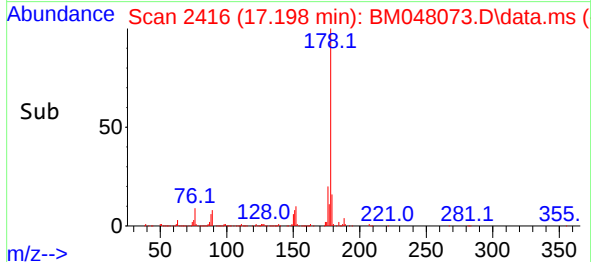
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 211844
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 19.7 15.4 23.0

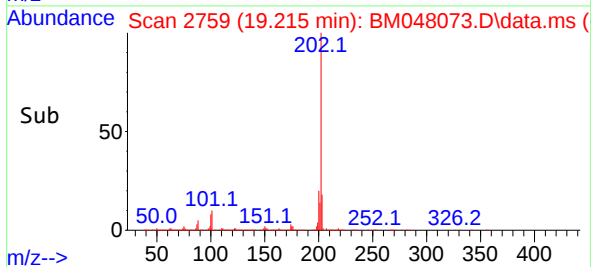
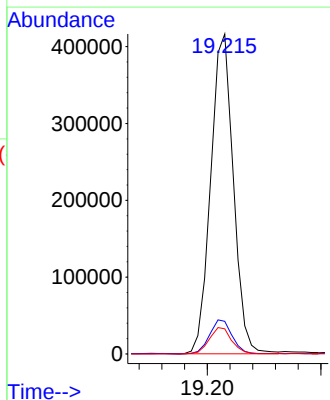
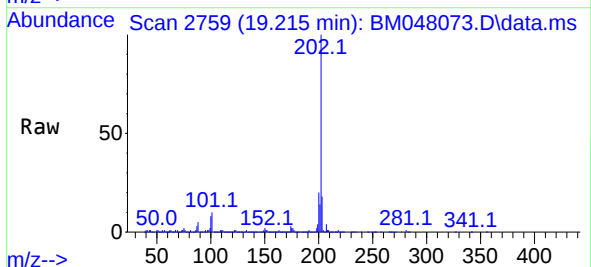
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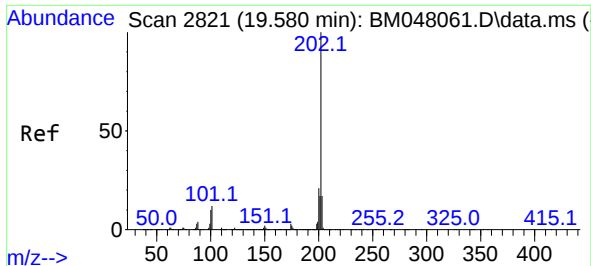
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#80
Fluoranthene
Concen: 8.870 ng/u1
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

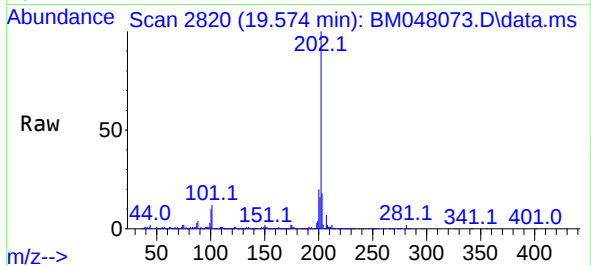
Tgt Ion:202 Resp: 576607
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.9 6.8 10.2





#82
Pyrene
Concen: 5.891 ng/ul
RT: 19.574 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

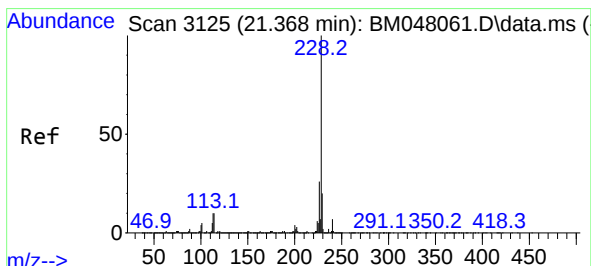
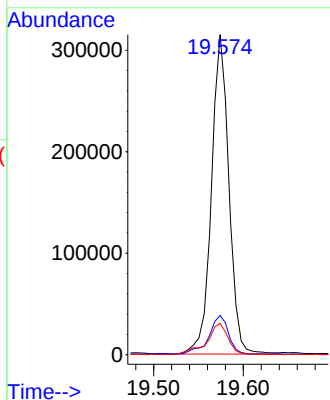
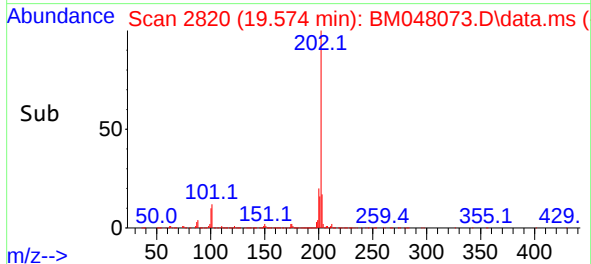
Instrument :
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Tgt Ion:202 Resp: 426192
Ion Ratio Lower Upper
202 100
101 12.3 10.9 16.3
100 9.8 9.4 14.2

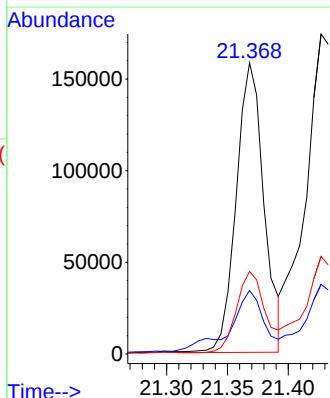
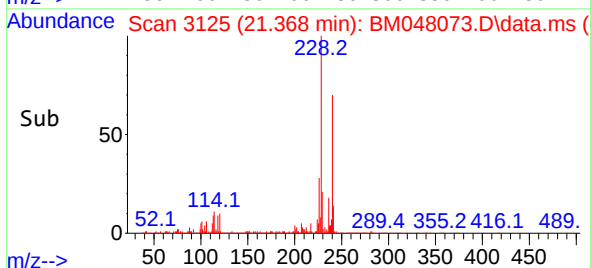
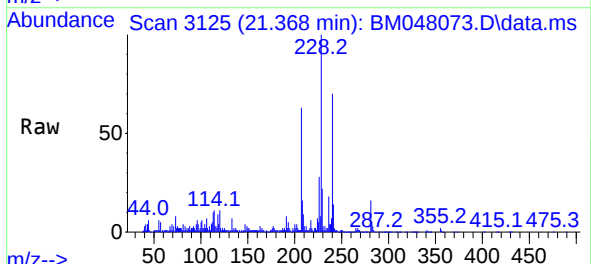
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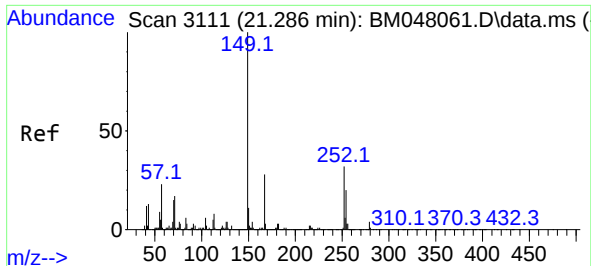
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#85
Benzo(a)anthracene
Concen: 3.675 ng/ul
RT: 21.368 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

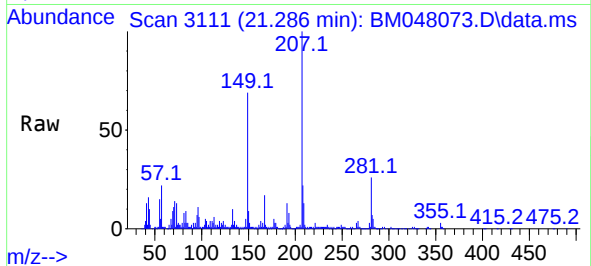
Tgt Ion:228 Resp: 250209
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 28.3 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 2.136 ng/ul
RT: 21.286 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

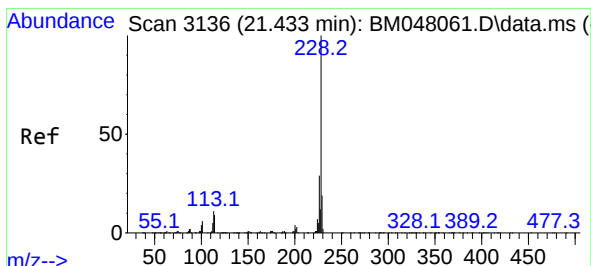
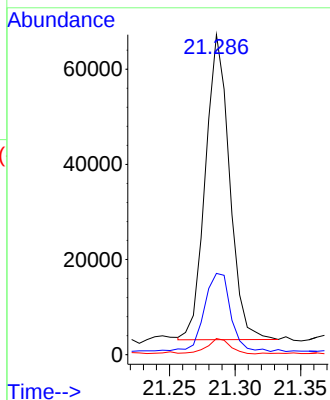
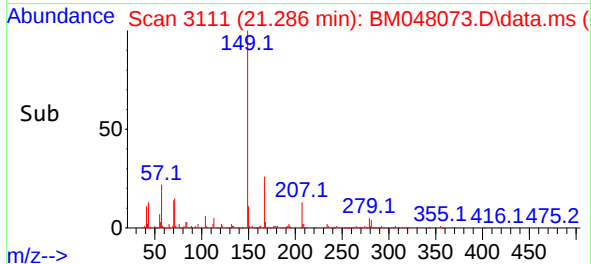
Instrument :
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ClientSampleId :
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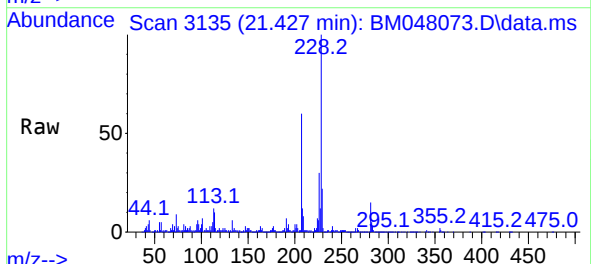
Tgt Ion:149 Resp: 82045
Ion Ratio Lower Upper
149 100
167 25.4 21.3 31.9
279 5.0 2.7 4.1

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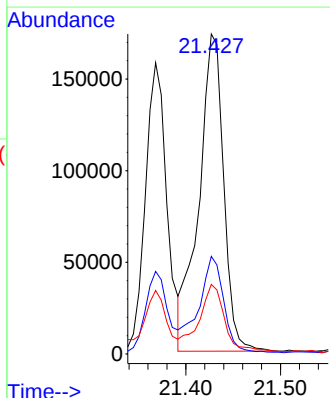
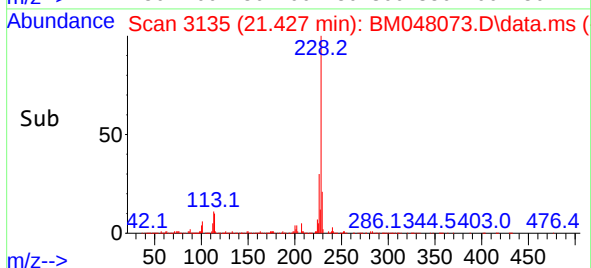
Reviewed By :Yogesh Patel 10/16/2024
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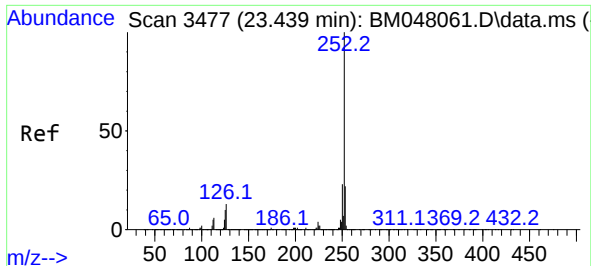


#87
Chrysene
Concen: 4.756 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03



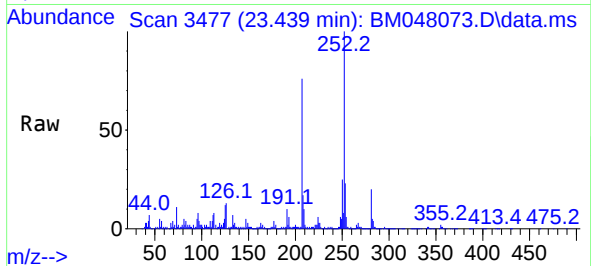
Tgt Ion:228 Resp: 315684
Ion Ratio Lower Upper
228 100
226 30.5 23.6 35.4
229 21.7 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 6.331 ng/u1
RT: 23.439 min Scan# 3477
Delta R.T. 0.012 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

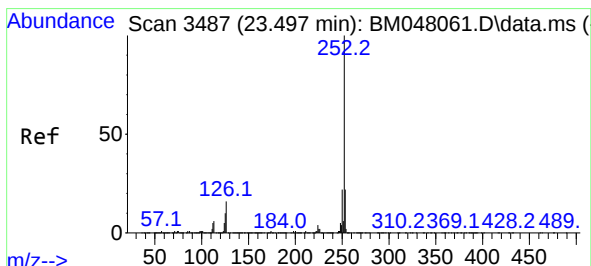
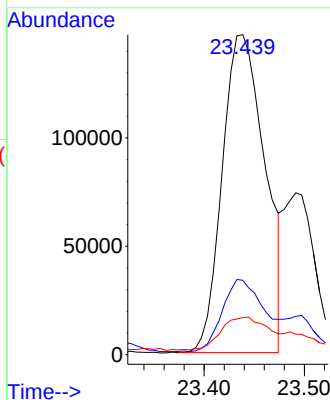
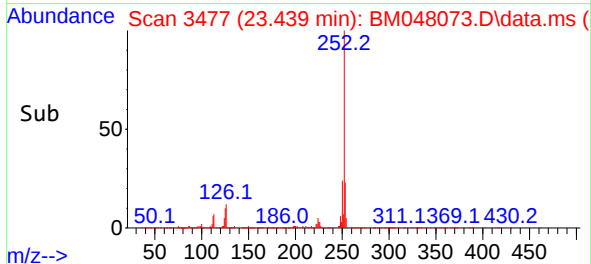
Instrument :
BNA_M
ClientSampleId :
A4ET3



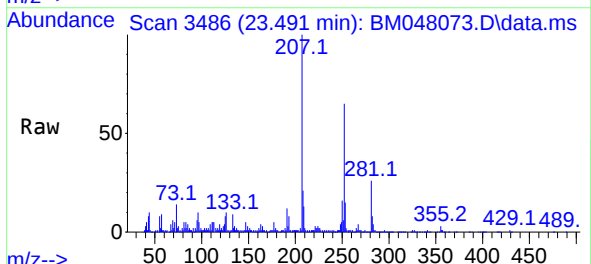
Tgt Ion:252 Resp: 43498
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 11.6 9.0 13.4

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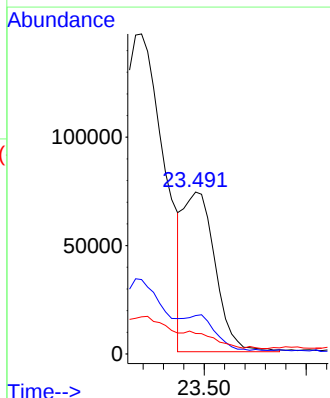
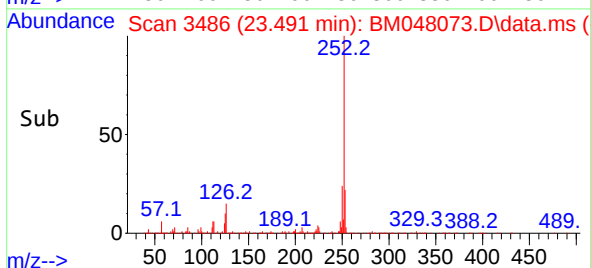
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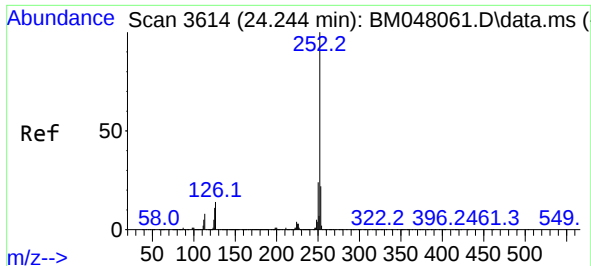


#91
Benzo(k)fluoranthene
Concen: 2.288 ng/u1 m
RT: 23.491 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03



Tgt Ion:252 Resp: 160708
Ion Ratio Lower Upper
252 100
253 23.7 17.5 26.3
125 12.7 8.9 13.3





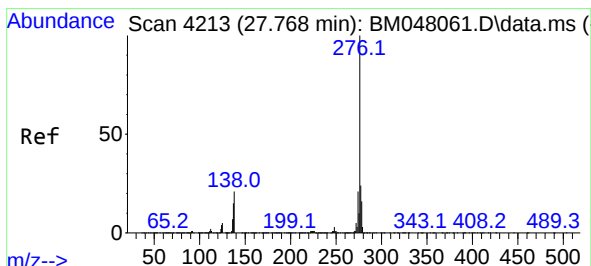
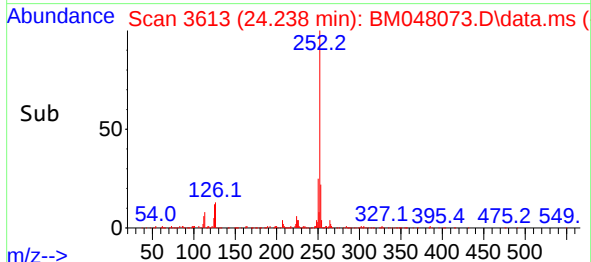
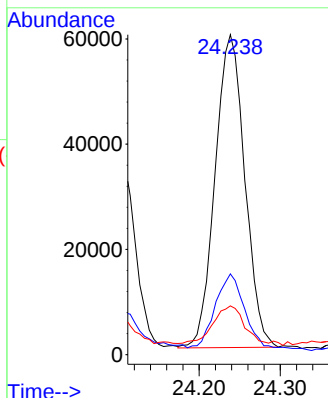
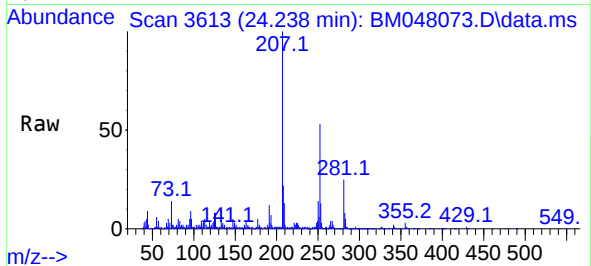
#93
Benzo(a)pyrene
Concen: 2.315 ng/ul
RT: 24.238 min Scan# 30
Delta R.T. 0.006 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 151029
Ion Ratio Lower Upper
252 100
253 25.2 17.2 25.8
125 15.2 10.1 15.1

Manual Integrations
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#94
Indeno(1,2,3-cd)pyrene
Concen: 1.838 ng/ul
RT: 27.756 min Scan# 4211
Delta R.T. 0.012 min
Lab File: BM048073.D
Acq: 15 Oct 2024 23:03

Tgt Ion:276 Resp: 153675
Ion Ratio Lower Upper
276 100
138 22.8 16.9 25.3
277 24.7 18.9 28.3

