

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048042.D
 Acq On : 15 Oct 2024 00:09
 Operator : RC/JU
 Sample : P4238-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4F02

Manual Integrations
 APPROVED

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

Quant Time: Oct 15 00:49:02 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	238320	20.000	ng/u1	0.00
20) Naphthalene-d8	10.574	136	928319	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.421	164	563311	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.156	188	1144607	20.000	ng/u1	0.00
79) Chrysene-d12	21.386	240	1174974	20.000	ng/u1	0.00
88) Perylene-d12	24.379	264	1390780	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	8168	1.108	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.957	99	132123	5.863	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	73562	4.600	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	111746	6.815	ng/u1	0.00
15) 4-Methylphenol-d8	8.492	113	75570	4.510	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	48094	6.507	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	51885	7.325	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	96729	6.836	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	62975	2.879	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	303475	7.431	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	349853	7.225	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	33832m	4.161	ng/u1	0.02
60) Fluorene-d10	15.409	176	281445	7.956	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	24373	3.639	ng/u1	0.00
73) Anthracene-d10	17.256	188	460642	8.185	ng/u1	0.00
81) Pyrene-d10	19.544	212	511201	7.666	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.174	264	415403	5.757	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.203	178	219353	3.268	ng/u1	98
80) Fluoranthene	19.215	202	450214	5.732	ng/u1	97
82) Pyrene	19.574	202	336763	3.853	ng/u1	97
85) Benzo(a)anthracene	21.368	228	216457	2.631	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.291	149	315639	6.803	ng/u1#	96
87) Chrysene	21.427	228	238815	2.978	ng/u1	97
90) Benzo(b)fluoranthene	23.438	252	307064	3.540	ng/u1	97
91) Benzo(k)fluoranthene	23.491	252	110283	1.244	ng/u1	98
93) Benzo(a)pyrene	24.232	252	111750	1.357	ng/u1#	92

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

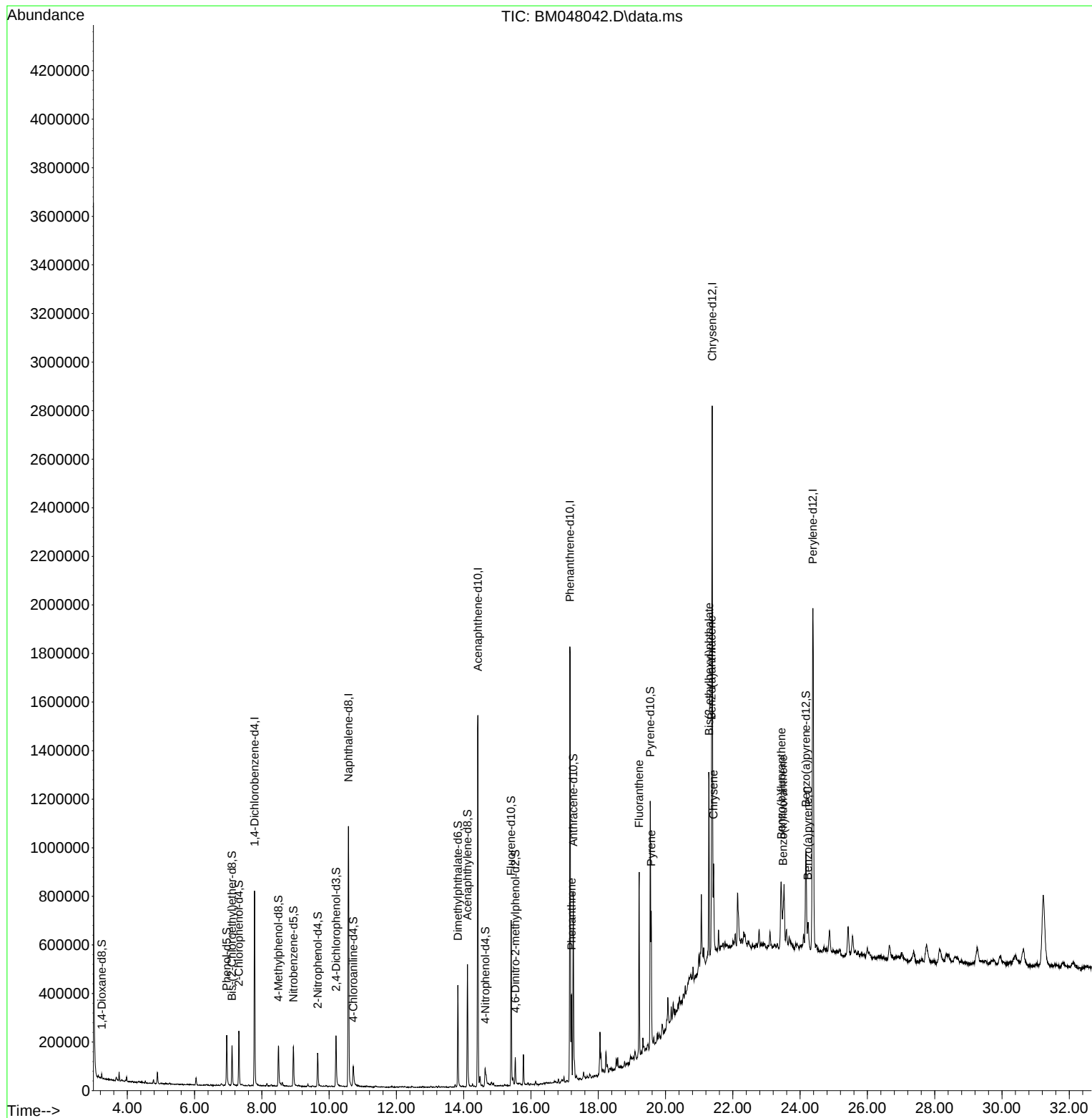
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048042.D
Acq On : 15 Oct 2024 00:09
Operator : RC/JU
Sample : P4238-18
Misc :
ALS Vial : 19 Sample Multiplier: 1

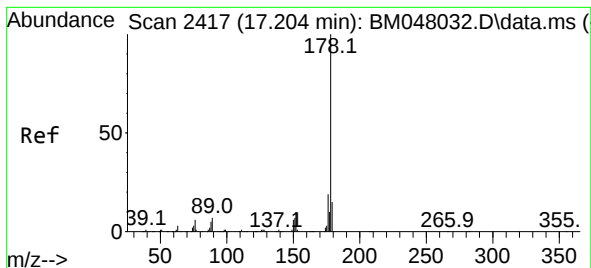
Instrument :
BNA_M
ClientSampleId :
A4F02

Quant Time: Oct 15 00:49:02 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
APPROVED

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





#72

Phenanthrene

Concen: 3.268 ng/ul

RT: 17.203 min Scan# 2417

Delta R.T. -0.000 min

Lab File: BM048042.D

Acq: 15 Oct 2024 00:09

Instrument :

BNA_M

ClientSampleId :

A4F02

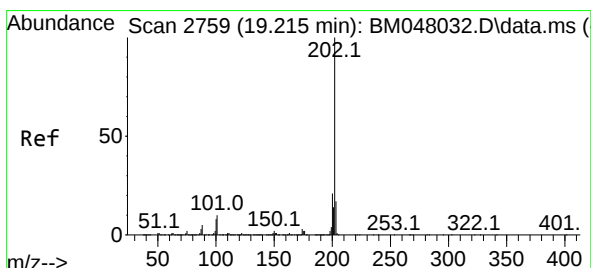
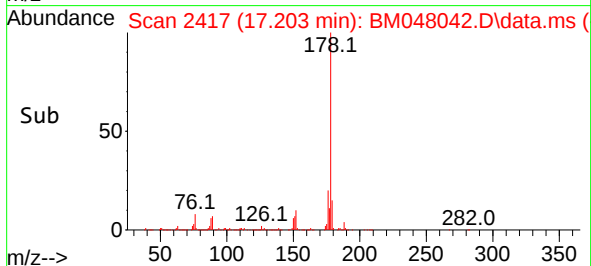
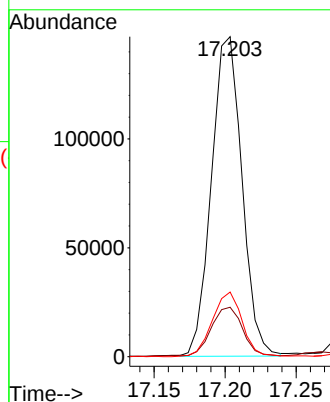
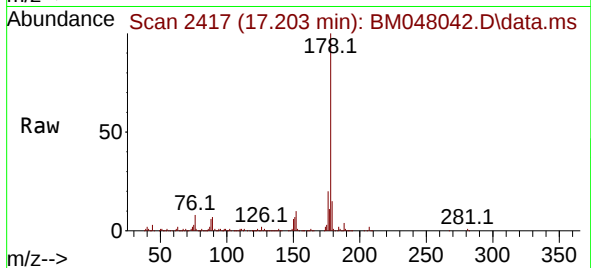
Tgt Ion:178 Resp: 21935
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.0 18.0
 176 20.2 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/17/2024



#80

Fluoranthene

Concen: 5.732 ng/ul

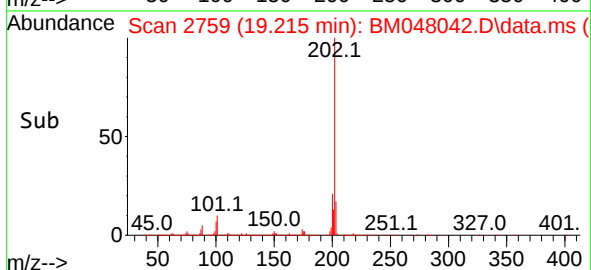
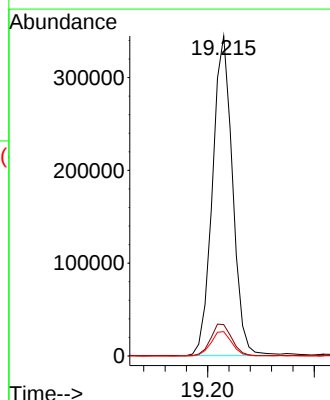
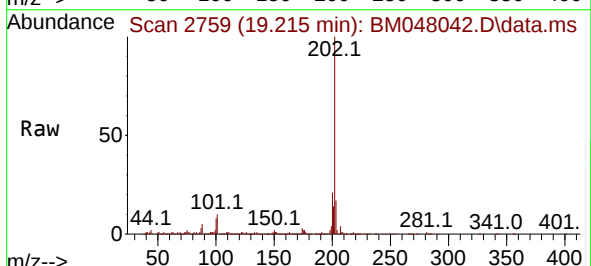
RT: 19.215 min Scan# 2759

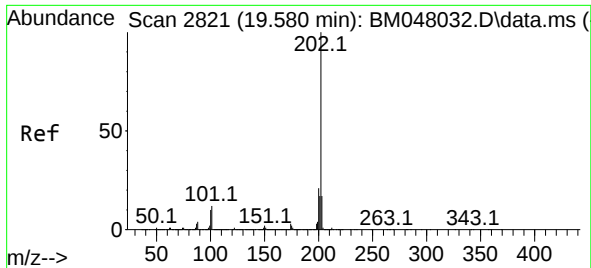
Delta R.T. -0.000 min

Lab File: BM048042.D

Acq: 15 Oct 2024 00:09

Tgt Ion:202 Resp: 450214
 Ion Ratio Lower Upper
 202 100
 101 9.8 9.0 13.4
 100 7.6 6.8 10.2





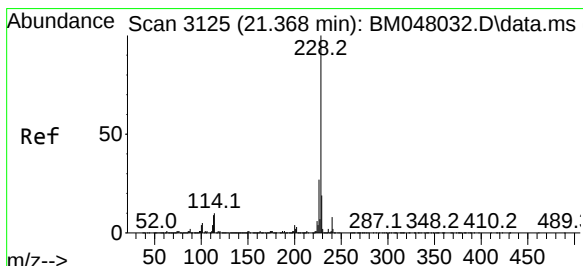
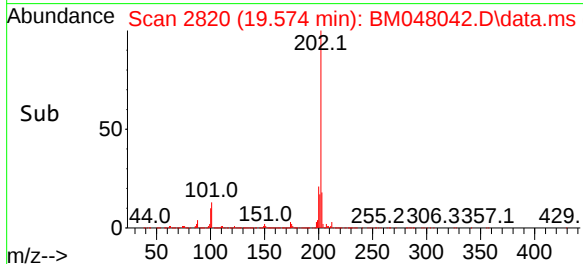
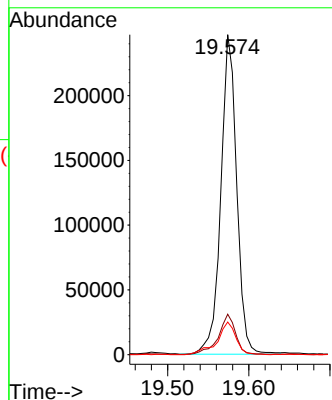
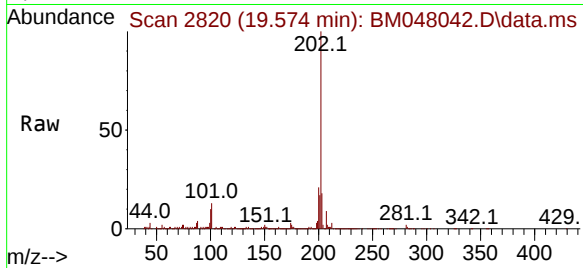
#82
 Pyrene
 Concen: 3.853 ng/ul
 RT: 19.574 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048042.D
 Acq: 15 Oct 2024 00:09

Instrument :
 BNA_M
 ClientSampleId :
 A4F02

Tgt Ion:202 Resp: 33676
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.9 16.3
 100 10.2 9.4 14.2

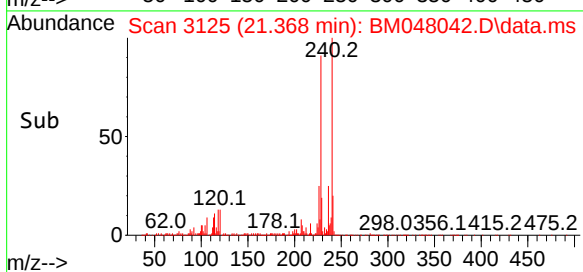
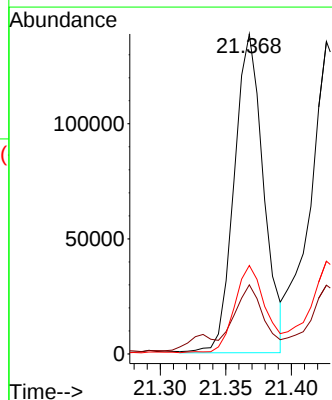
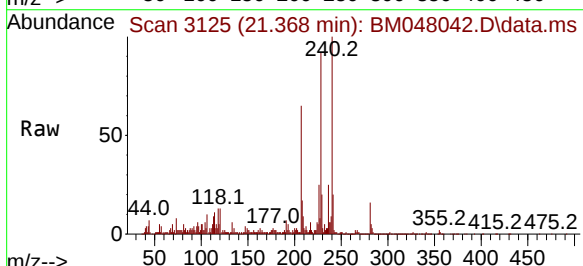
Manual Integrations
 APPROVED

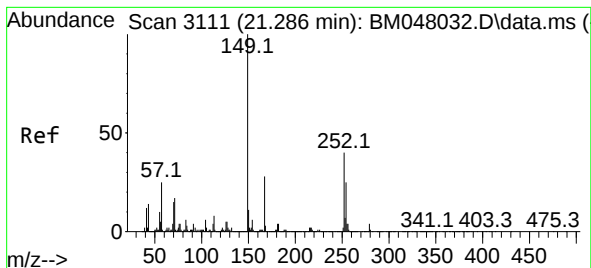
Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/17/2024



#85
 Benzo(a)anthracene
 Concen: 2.631 ng/ul
 RT: 21.368 min Scan# 3125
 Delta R.T. -0.000 min
 Lab File: BM048042.D
 Acq: 15 Oct 2024 00:09

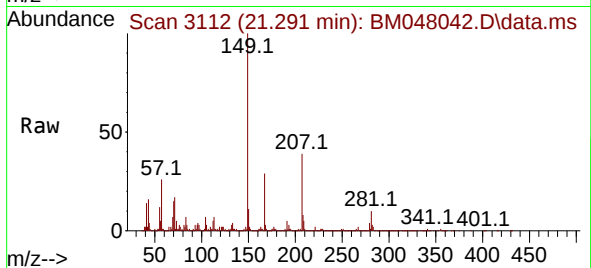
Tgt Ion:228 Resp: 216457
 Ion Ratio Lower Upper
 228 100
 229 21.6 15.6 23.4
 226 27.6 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 6.803 ng/ul
RT: 21.291 min Scan# 3112
Delta R.T. 0.006 min
Lab File: BM048042.D
Acq: 15 Oct 2024 00:09

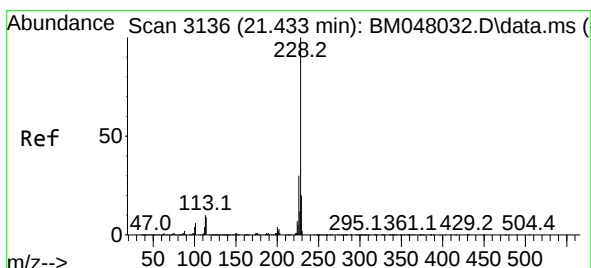
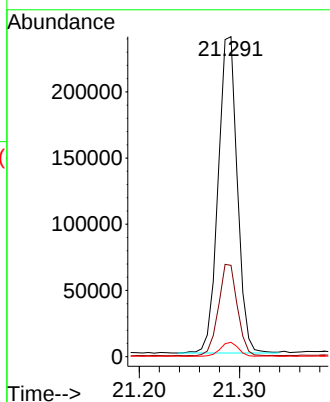
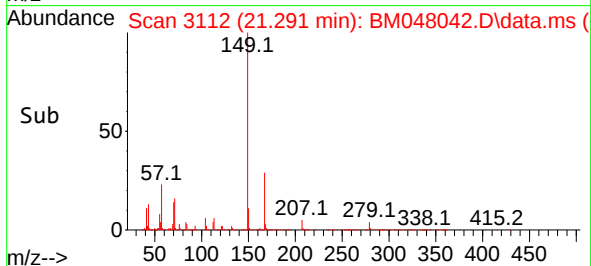
Instrument :
BNA_M
ClientSampleId :
A4F02



Tgt Ion:149 Resp: 315639
Ion Ratio Lower Upper
149 100
167 28.6 21.3 31.9
279 4.5 2.7 4.1

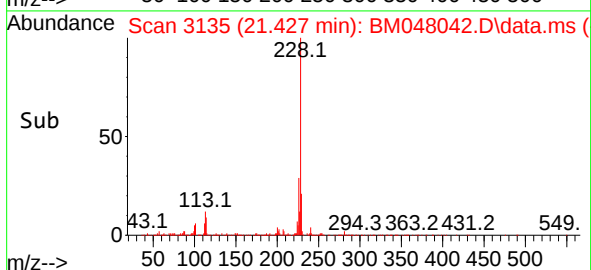
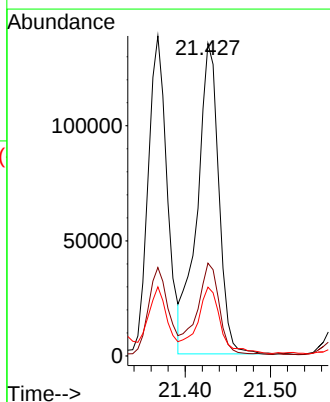
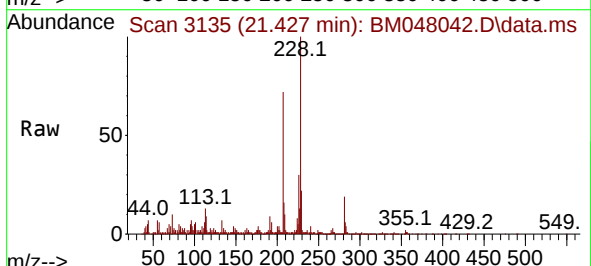
Manual Integrations
APPROVED

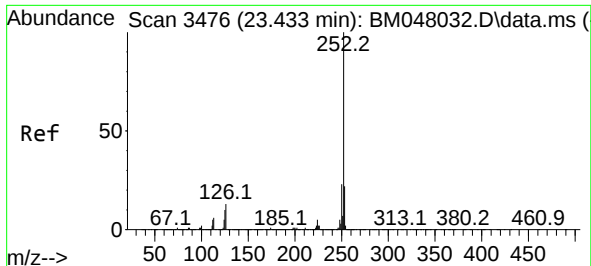
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024



#87
Chrysene
Concen: 2.978 ng/ul
RT: 21.427 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM048042.D
Acq: 15 Oct 2024 00:09

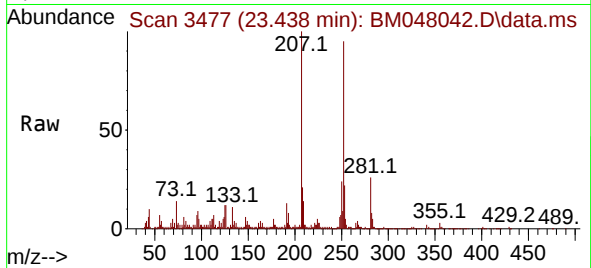
Tgt Ion:228 Resp: 238815
Ion Ratio Lower Upper
228 100
226 29.7 23.6 35.4
229 22.0 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 3.540 ng/ul
RT: 23.438 min Scan# 3476
Delta R.T. 0.012 min
Lab File: BM048042.D
Acq: 15 Oct 2024 00:09

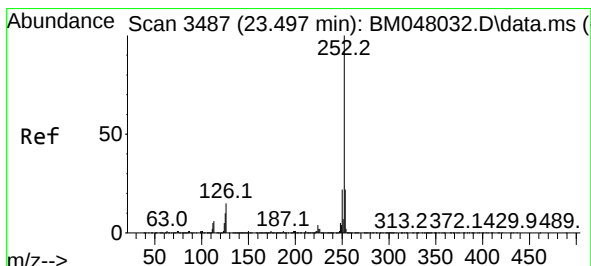
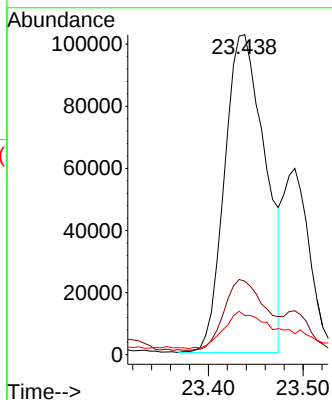
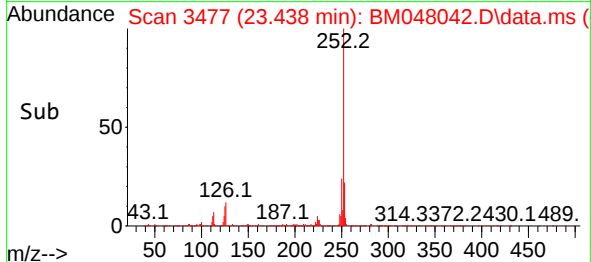
Instrument :
BNA_M
ClientSampleId :
A4F02



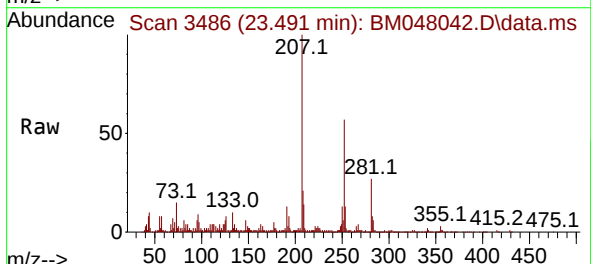
Tgt Ion:252 Resp: 307064
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 12.2 9.0 13.4

Manual Integrations
APPROVED

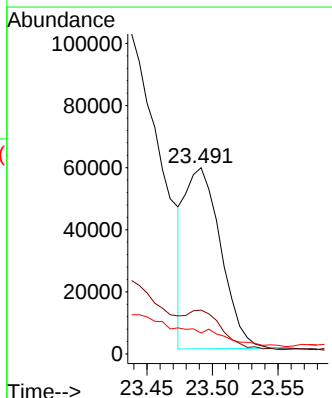
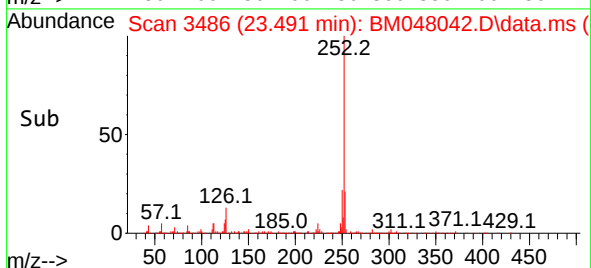
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/17/2024

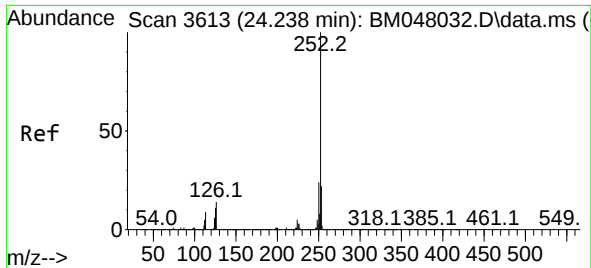


#91
Benzo(k)fluoranthene
Concen: 1.244 ng/ul
RT: 23.491 min Scan# 3486
Delta R.T. 0.006 min
Lab File: BM048042.D
Acq: 15 Oct 2024 00:09



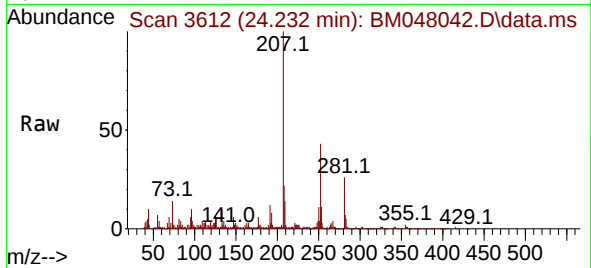
Tgt Ion:252 Resp: 110283
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 11.2 8.9 13.3





#93
 Benzo(a)pyrene
 Concen: 1.357 ng/ul
 RT: 24.232 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM048042.D
 Acq: 15 Oct 2024 00:09

Instrument :
 BNA_M
 ClientSampleId :
 A4F02



Tgt Ion:252 Resp: 111750
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.2 25.8
 125 16.9 10.1 15.1

Manual Integrations
 APPROVED

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

