

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047938.D
 Acq On : 09 Oct 2024 08:14
 Operator : RC/JU
 Sample : P4183-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EK7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 09:16:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	275649	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	1115460	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.428	164	683248	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.169	188	1364850	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1251799	20.000	ng/u1	0.00
88) Perylene-d12	24.398	264	1410823	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	6677m	0.783	ng/uL	0.00
4) Pyridine-d5	3.681	84	15463	0.619	ng/u1	0.02
7) Phenol-d5	6.963	99	239570	9.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	147304	7.964	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	204480m	10.782	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	180632	9.321	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	96599	10.877	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	101511	11.927	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	185586	10.916	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	201245	7.656	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	519462	10.487	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	623507	10.616	ng/u1	0.00
54) 4-Nitrophenol-d4	14.634	143	66528	6.746	ng/u1	0.00
60) Fluorene-d10	15.422	176	473382	11.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36760	4.603	ng/u1	0.00
73) Anthracene-d10	17.263	188	735177	10.955	ng/u1	-0.01
81) Pyrene-d10	19.557	212	789808	11.117	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	677656	9.258	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.210	178	283258	3.539	ng/u1	99
80) Fluoranthene	19.221	202	586997	7.015	ng/u1	98
82) Pyrene	19.586	202	377069	4.049	ng/u1	95
85) Benzo(a)anthracene	21.374	228	273338	3.119	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.298	149	162060	3.278	ng/u1#	97
87) Chrysene	21.439	228	278690	3.262	ng/u1	99
90) Benzo(b)fluoranthene	23.451	252	368031	4.183	ng/u1	96
91) Benzo(k)fluoranthene	23.504	252	140441m	1.561	ng/u1	
93) Benzo(a)pyrene	24.251	252	114014	1.364	ng/u1#	91
94) Indeno(1,2,3-cd)pyrene	27.774	276	112378	1.049	ng/u1#	88

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

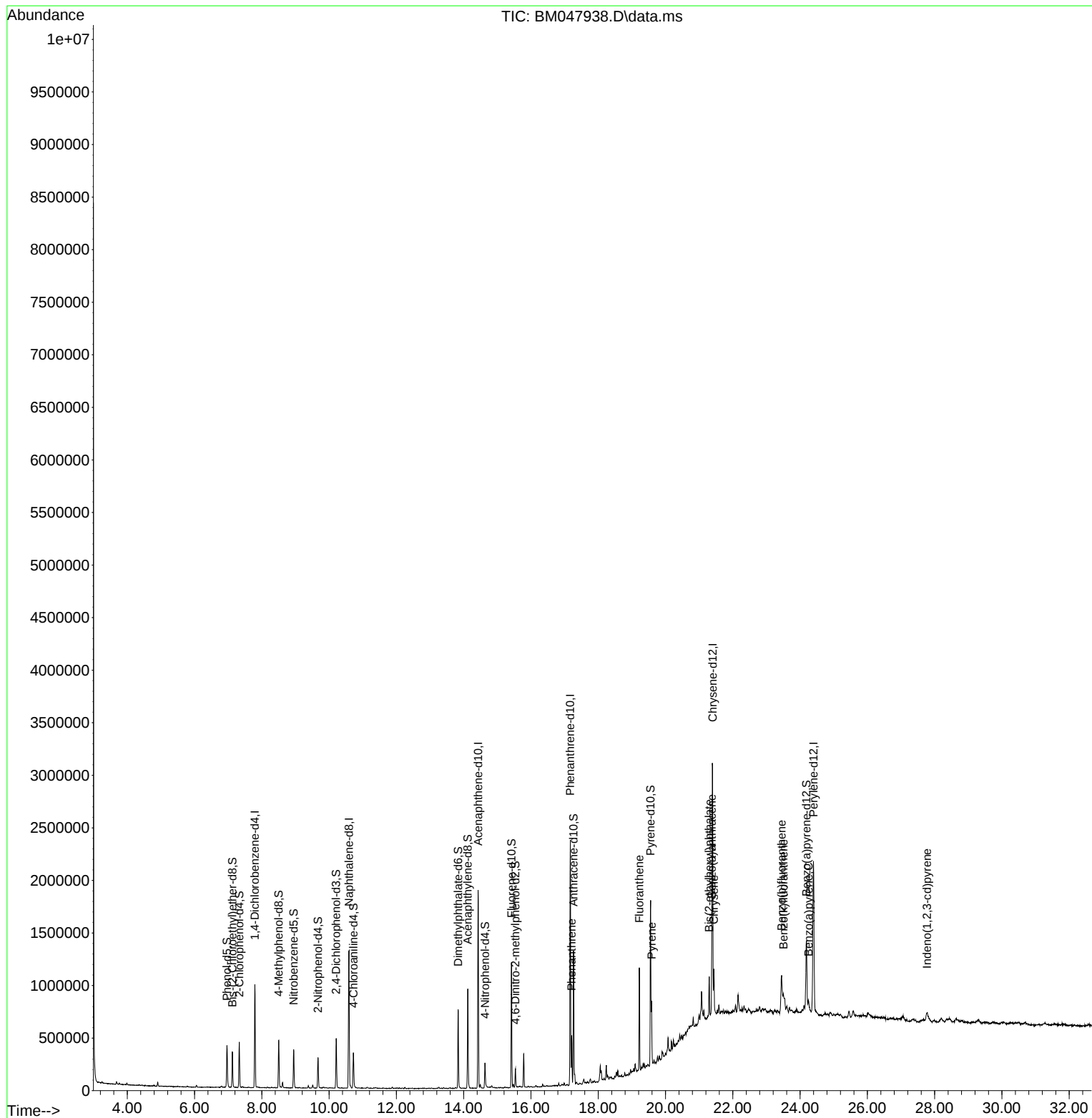
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047938.D
Acq On : 09 Oct 2024 08:14
Operator : RC/JU
Sample : P4183-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

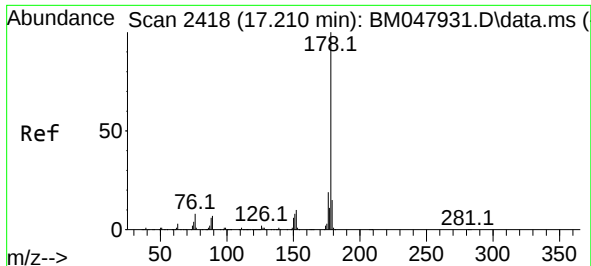
Instrument :
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ClientSampleId :
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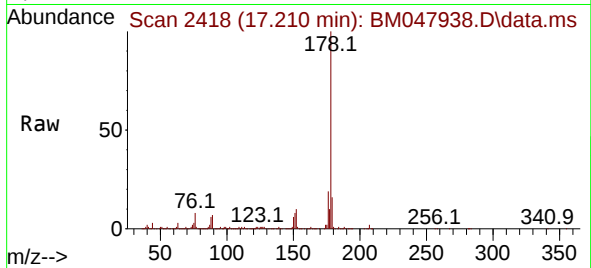
Quant Time: Oct 09 09:16:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 3.539 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.005 min
Lab File: BM047938.D
Acq: 09 Oct 2024 08:14

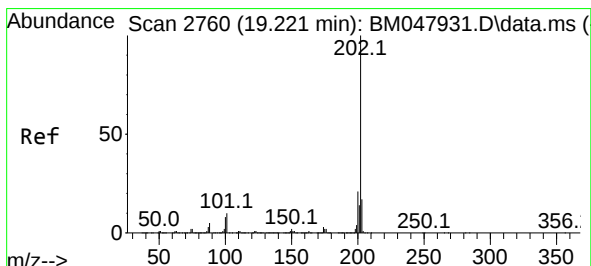
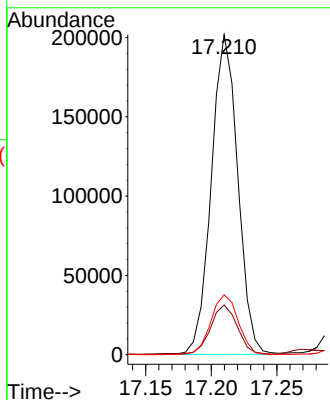
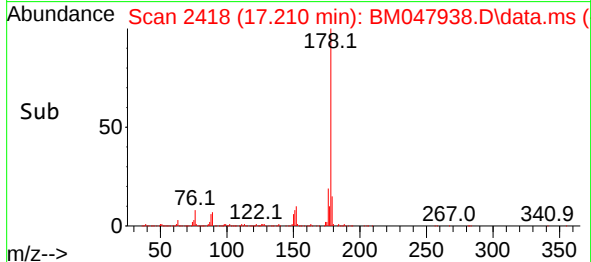
Instrument :
BNA_M
ClientSampleId :
A4EK7



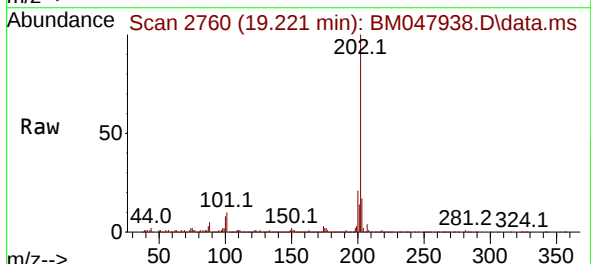
Tgt Ion:178 Resp: 283258
Ion Ratio Lower Upper
178 100
179 15.6 12.0 18.0
176 18.7 15.4 23.0

Manual Integrations
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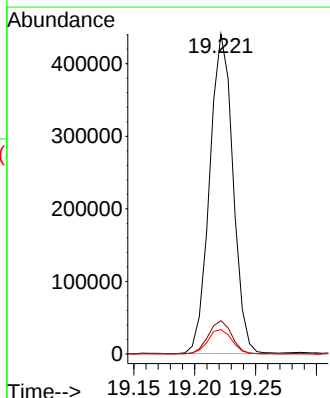
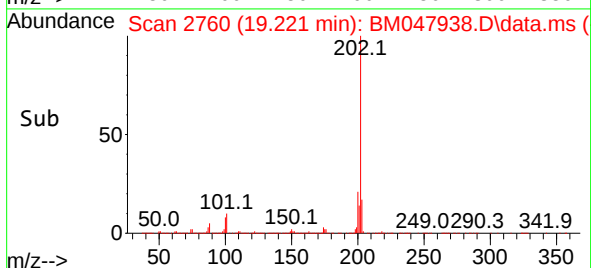
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

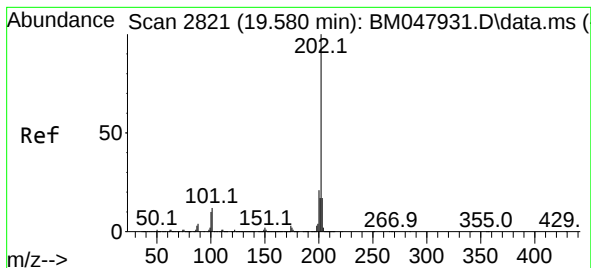


#80
Fluoranthene
Concen: 7.015 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.005 min
Lab File: BM047938.D
Acq: 09 Oct 2024 08:14



Tgt Ion:202 Resp: 586997
Ion Ratio Lower Upper
202 100
101 10.4 9.0 13.4
100 7.6 6.8 10.2





#82

Pyrene

Concen: 4.049 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047938.D

Acq: 09 Oct 2024 08:14

Instrument :

BNA_M

ClientSampleId :

A4EK7

Tgt Ion:202 Resp: 377069

Ion Ratio Lower Upper

202 100

101 11.5 10.9 16.3

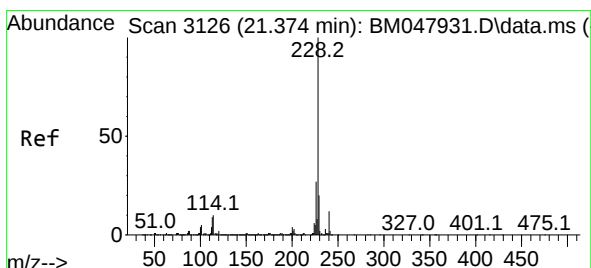
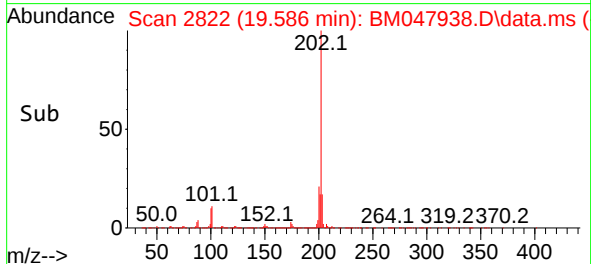
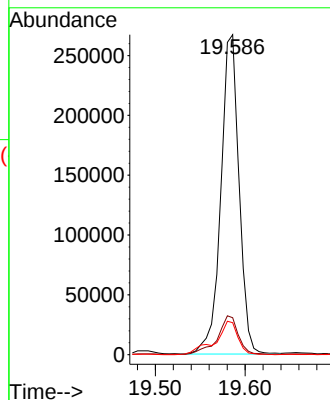
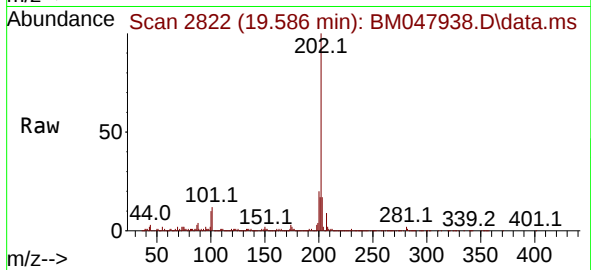
100 10.0 9.4 14.2

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#85

Benzo(a)anthracene

Concen: 3.119 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.005 min

Lab File: BM047938.D

Acq: 09 Oct 2024 08:14

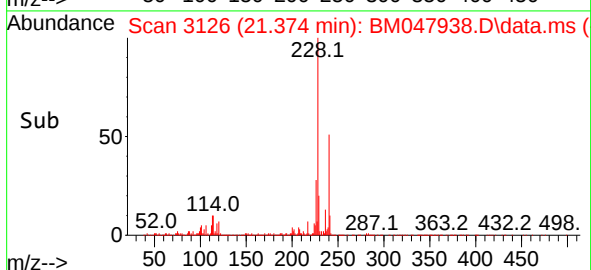
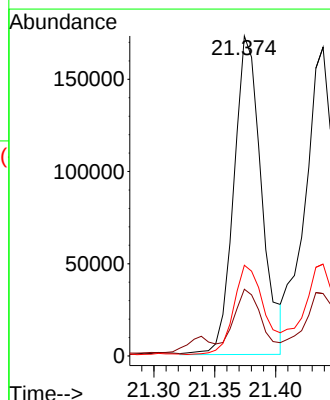
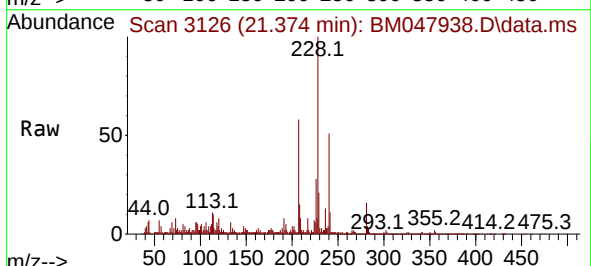
Tgt Ion:228 Resp: 273338

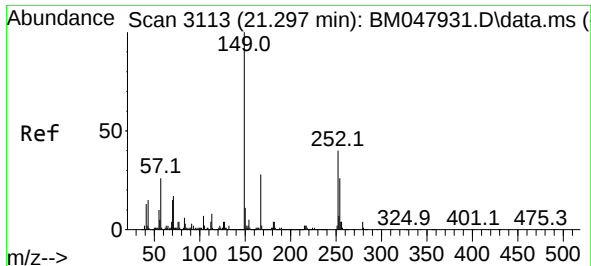
Ion Ratio Lower Upper

228 100

229 20.8 15.6 23.4

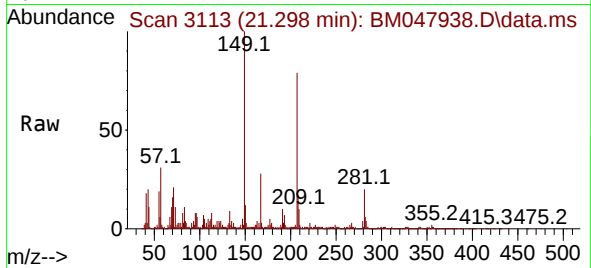
226 28.3 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.278 ng/ul
RT: 21.298 min Scan# 3113
Delta R.T. -0.005 min
Lab File: BM047938.D
Acq: 09 Oct 2024 08:14

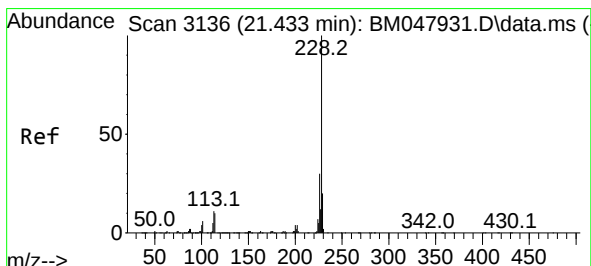
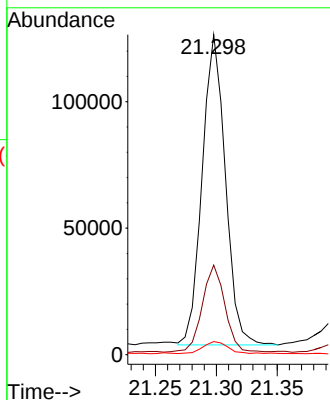
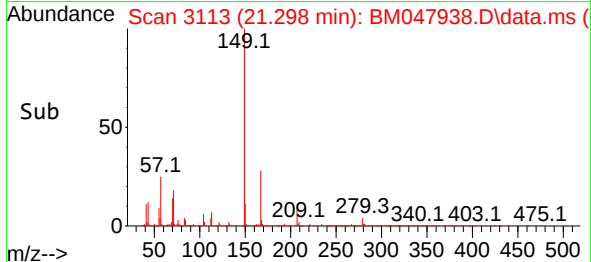
Instrument :
BNA_M
ClientSampleId :
A4EK7



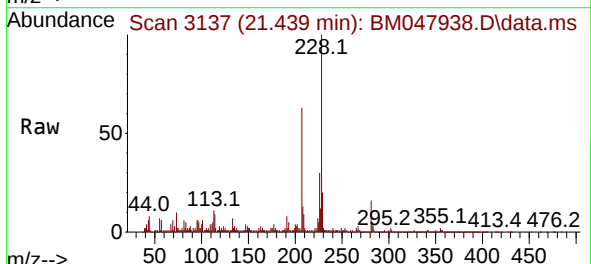
Tgt Ion:149 Resp: 162060
Ion Ratio Lower Upper
149 100
167 28.0 21.3 31.9
279 4.1 2.7 4.1

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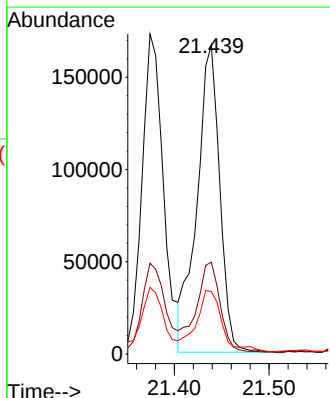
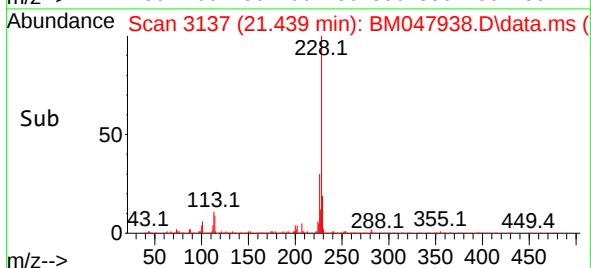
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

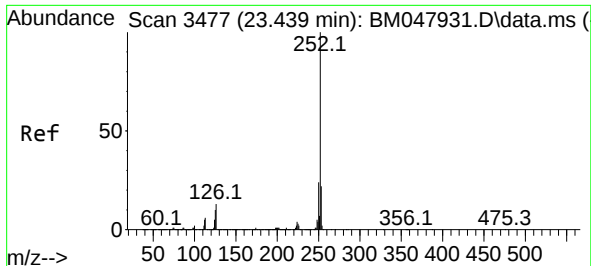


#87
Chrysene
Concen: 3.262 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047938.D
Acq: 09 Oct 2024 08:14



Tgt Ion:228 Resp: 278690
Ion Ratio Lower Upper
228 100
226 29.8 23.6 35.4
229 20.2 15.3 22.9





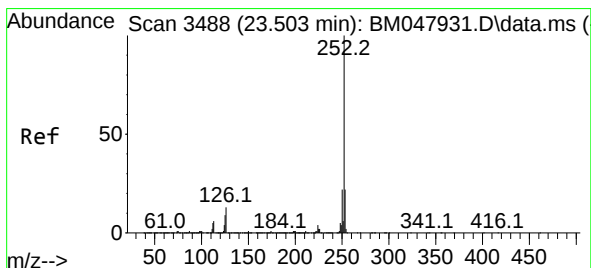
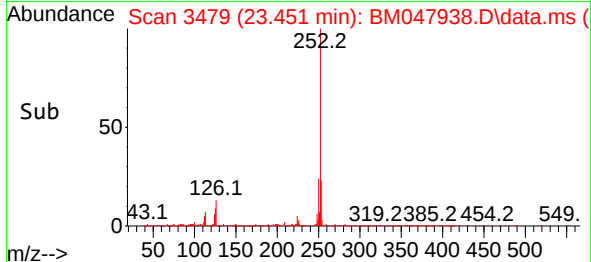
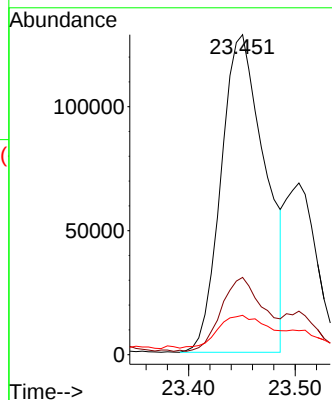
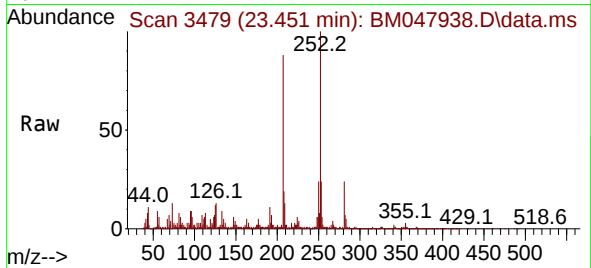
#90
Benzo(b)fluoranthene
Concen: 4.183 ng/ul
RT: 23.451 min Scan# 3477
Delta R.T. 0.000 min
Lab File: BM047938.D
Acq: 09 Oct 2024 08:14

Instrument :
BNA_M
ClientSampleId :
A4EK7

Tgt Ion:252 Resp: 36803
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 12.3 9.0 13.4

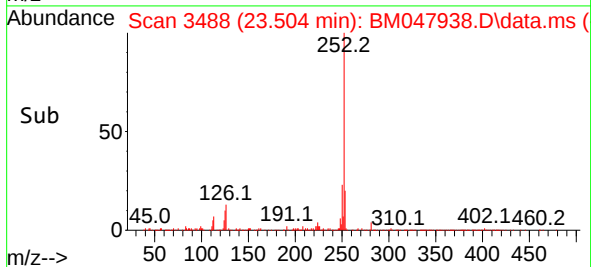
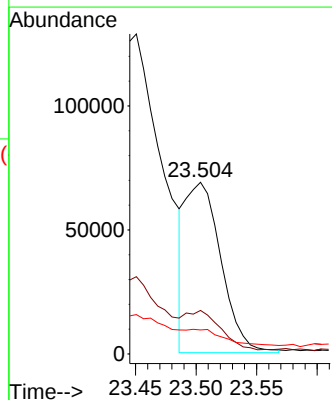
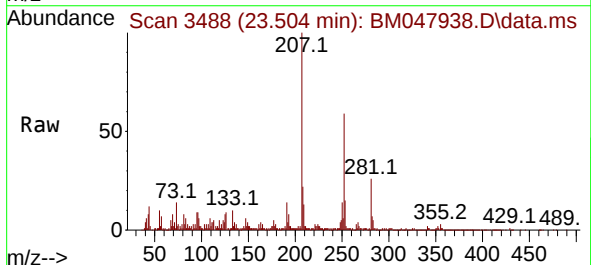
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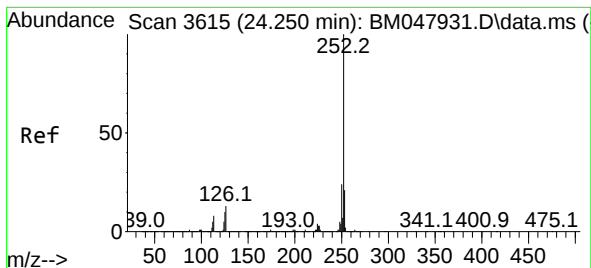
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#91
Benzo(k)fluoranthene
Concen: 1.561 ng/ul m
RT: 23.504 min Scan# 3488
Delta R.T. -0.005 min
Lab File: BM047938.D
Acq: 09 Oct 2024 08:14

Tgt Ion:252 Resp: 140441
Ion Ratio Lower Upper
252 100
253 25.4 17.5 26.3
125 14.0 8.9 13.3#





#93

Benzo(a)pyrene

Concen: 1.364 ng/ul

RT: 24.251 min Scan# 30

Delta R.T. -0.005 min

Lab File: BM047938.D

Acq: 09 Oct 2024 08:14

Instrument :

BNA_M

ClientSampleId :

A4EK7

Tgt Ion:252 Resp: 114014

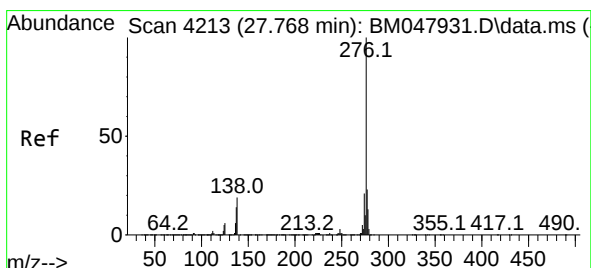
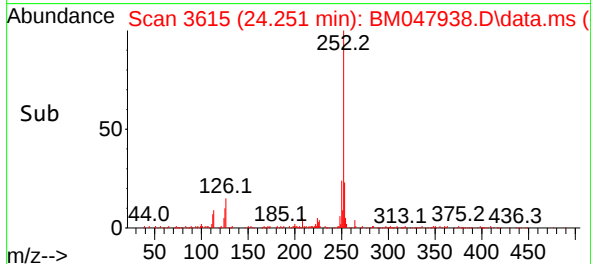
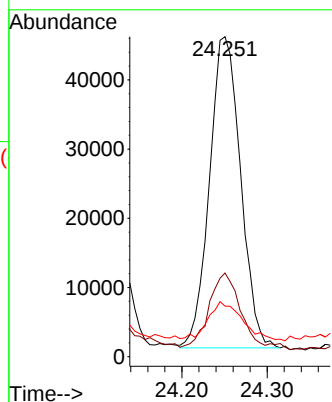
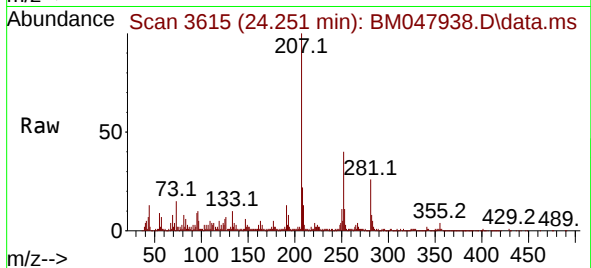
Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.2	25.8
125	15.8	10.1	15.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.049 ng/ul

RT: 27.774 min Scan# 4214

Delta R.T. -0.005 min

Lab File: BM047938.D

Acq: 09 Oct 2024 08:14

Tgt Ion:276 Resp: 112378

Ion	Ratio	Lower	Upper
276	100		
138	28.1	16.9	25.3
277	27.8	18.9	28.3

