

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047937.D
 Acq On : 09 Oct 2024 07:34
 Operator : RC/JU
 Sample : P4183-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM0

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 08:24:14 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	280089	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1112059	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.427	164	682876	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1368468	20.000	ng/u1	0.00
79) Chrysene-d12	21.398	240	1261233	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1430207	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	7459	0.861	ng/uL	0.00
4) Pyridine-d5	3.681	84	10467m	0.412	ng/u1	0.02
7) Phenol-d5	6.963	99	268848	10.151	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	164888	8.773	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	231380	12.008	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	195485	9.927	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	108644	12.270	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	116353	13.713	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	209370	12.352	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	242212m	9.243	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	594462	12.007	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	699681	11.919	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	81457	8.264	ng/u1	0.00
60) Fluorene-d10	15.421	176	529434	12.346	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	43674	5.454	ng/u1	0.00
73) Anthracene-d10	17.268	188	813161	12.085	ng/u1	0.00
81) Pyrene-d10	19.556	212	861564	12.036	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	746834	10.064	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	211959	2.641	ng/u1	100
80) Fluoranthene	19.221	202	471956	5.598	ng/u1	98
82) Pyrene	19.586	202	296402	3.159	ng/u1#	94
85) Benzo(a)anthracene	21.374	228	217561	2.464	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.298	149	82544	1.657	ng/u1#	96
87) Chrysene	21.439	228	231548	2.690	ng/u1	97
90) Benzo(b)fluoranthene	23.450	252	312462	3.503	ng/u1#	96
91) Benzo(k)fluoranthene	23.503	252	113253m	1.242	ng/u1	
93) Benzo(a)pyrene	24.250	252	92776	1.095	ng/u1#	92

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

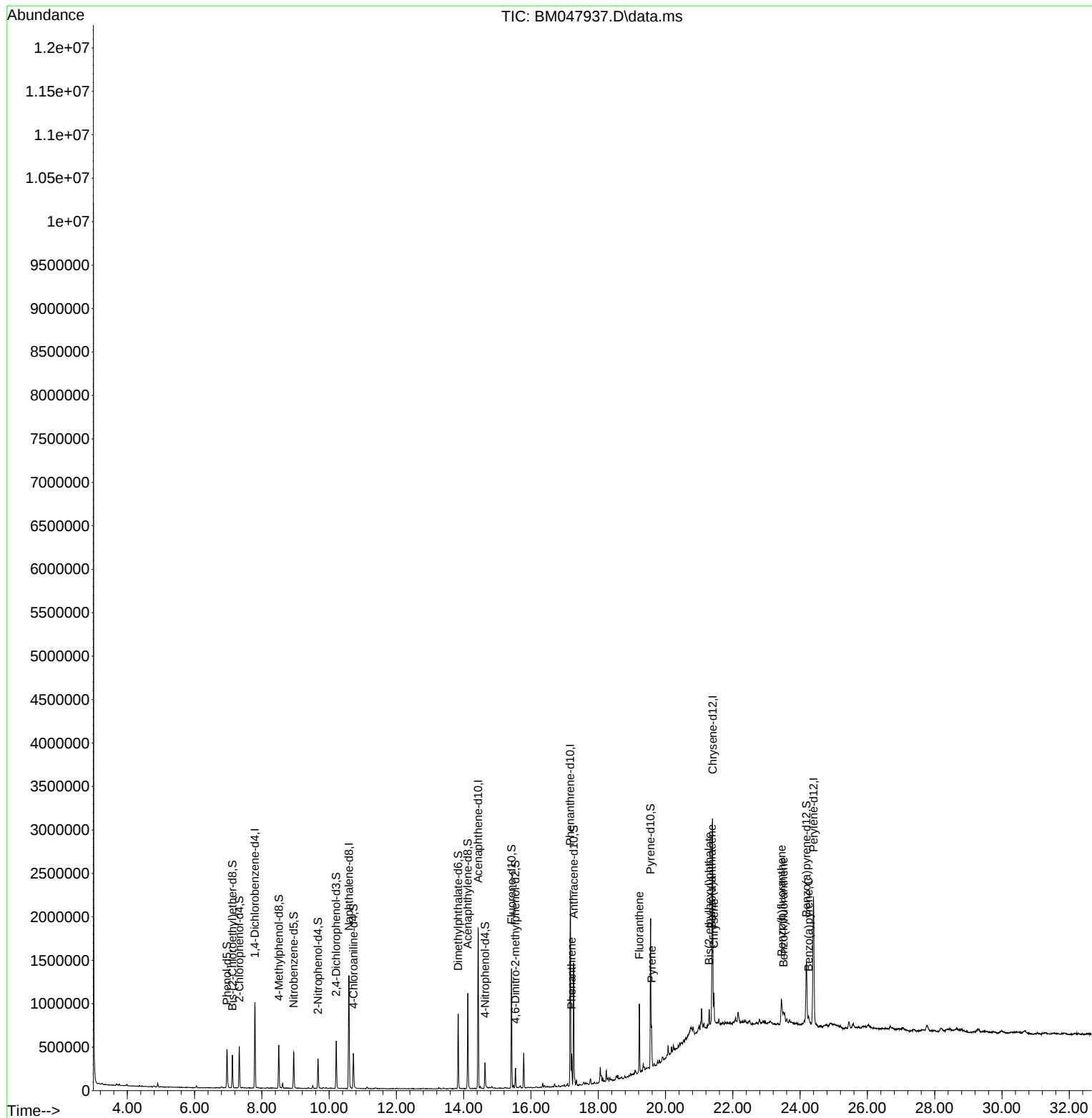
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047937.D
Acq On : 09 Oct 2024 07:34
Operator : RC/JU
Sample : P4183-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

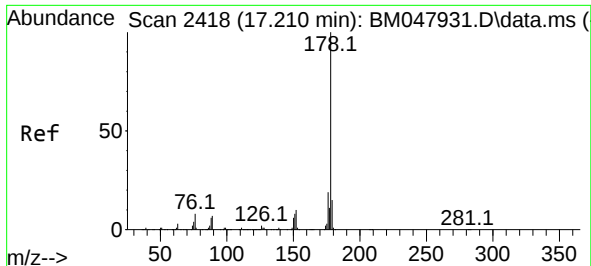
Instrument :
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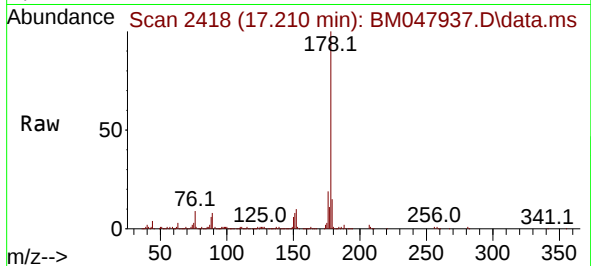
Quant Time: Oct 09 08:24:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 2.641 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34

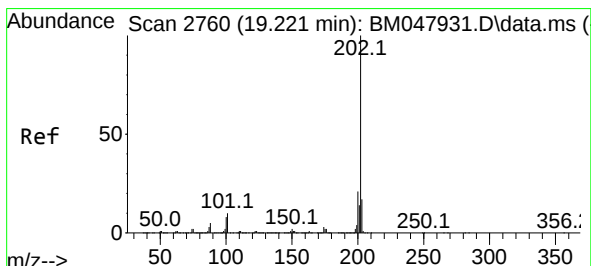
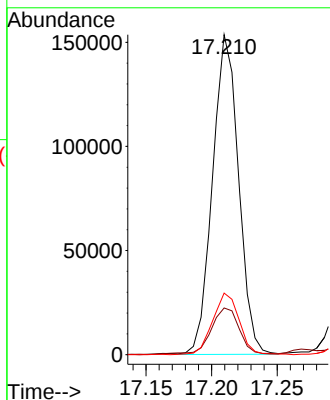
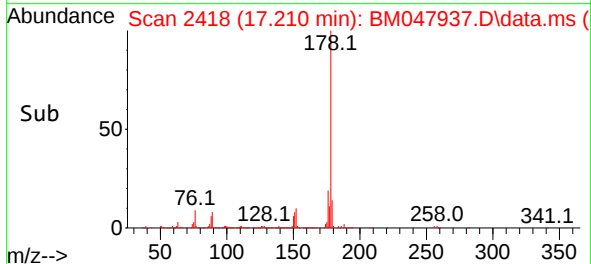
Instrument :
BNA_M
ClientSampleId :
A4EM0



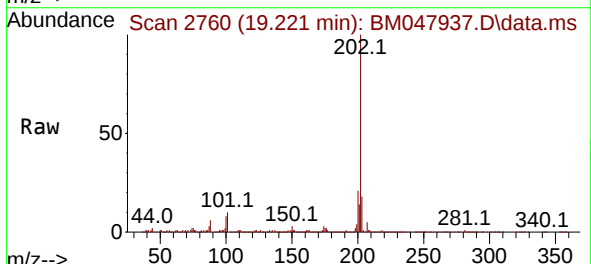
Tgt Ion:178 Resp: 211956
Ion Ratio Lower Upper
178 100
179 14.6 12.0 18.0
176 19.2 15.4 23.0

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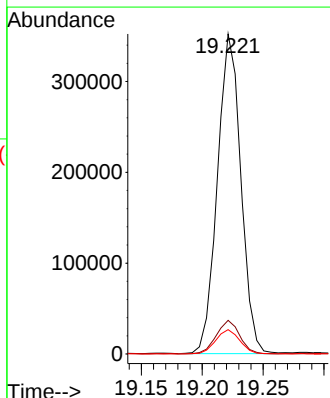
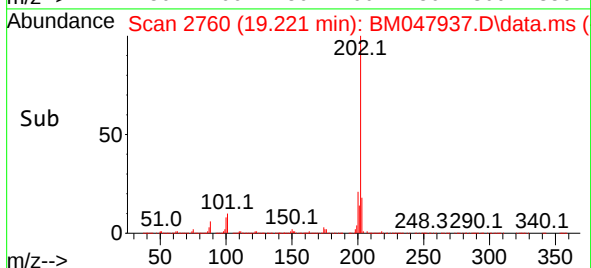
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

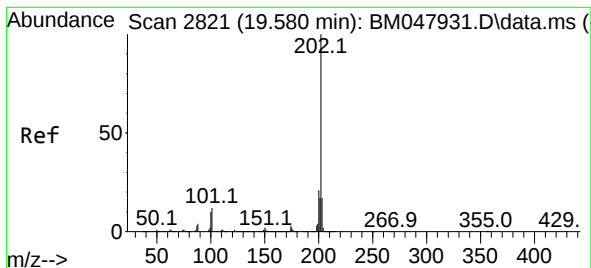


#80
Fluoranthene
Concen: 5.598 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34



Tgt Ion:202 Resp: 471956
Ion Ratio Lower Upper
202 100
101 10.5 9.0 13.4
100 7.6 6.8 10.2





#82

Pyrene

Concen: 3.159 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047937.D

Acq: 09 Oct 2024 07:34

Instrument :

BNA_M

ClientSampleId :

A4EM0

Tgt Ion:202 Resp: 296402

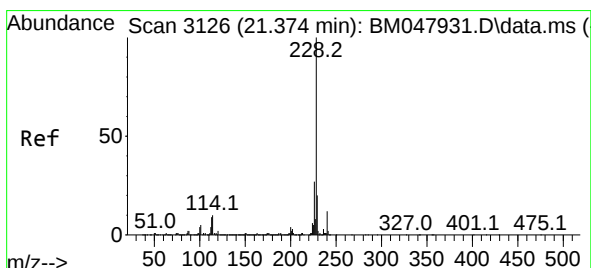
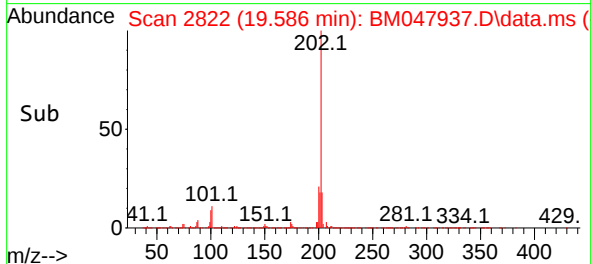
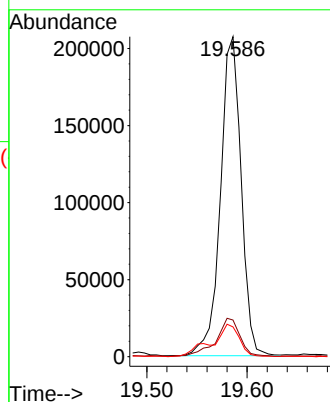
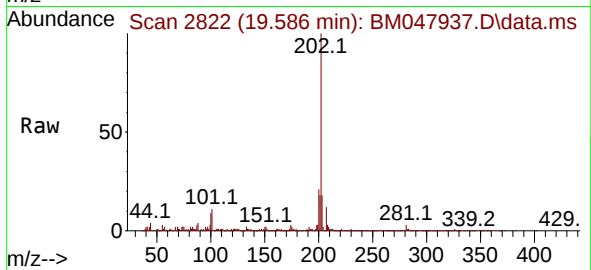
Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.9	16.3
100	9.3	9.4	14.2

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#85

Benzo(a)anthracene

Concen: 2.464 ng/ul

RT: 21.374 min Scan# 3126

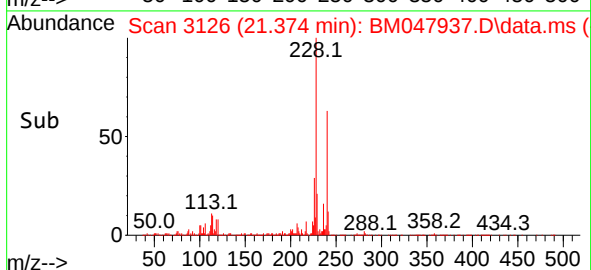
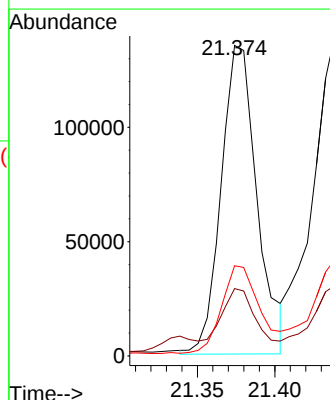
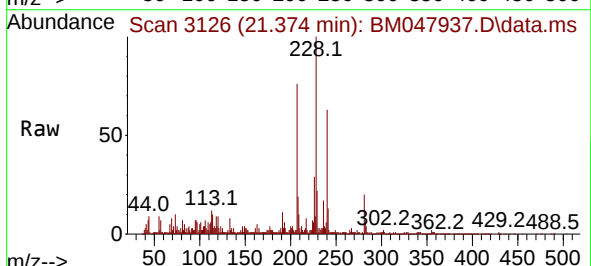
Delta R.T. -0.006 min

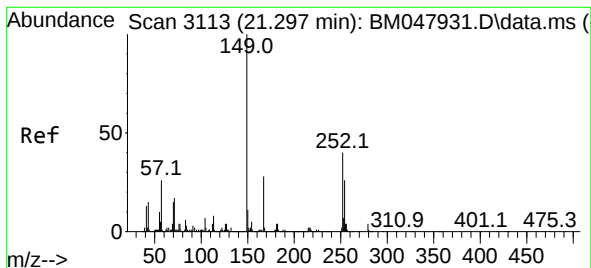
Lab File: BM047937.D

Acq: 09 Oct 2024 07:34

Tgt Ion:228 Resp: 217561

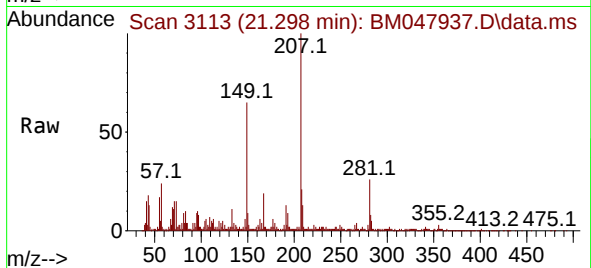
Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	29.1	21.9	32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.657 ng/ul
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34

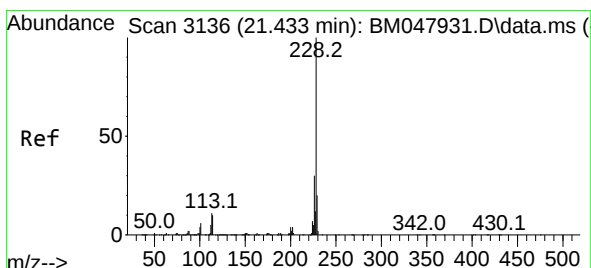
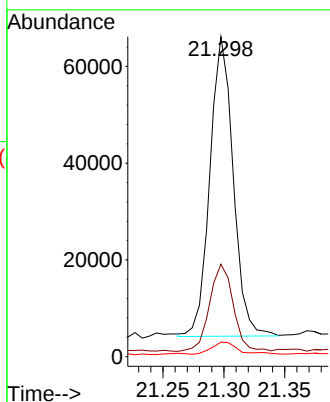
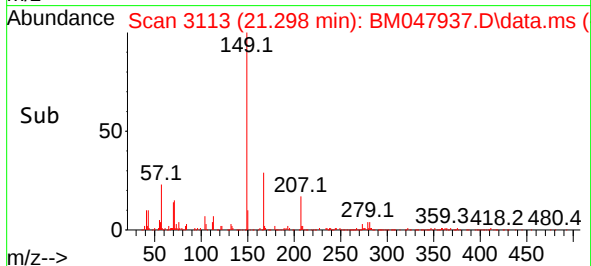
Instrument :
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ClientSampleId :
A4EM0



Tgt Ion:149 Resp: 82544
Ion Ratio Lower Upper
149 100
167 28.9 21.3 31.9
279 4.6 2.7 4.1

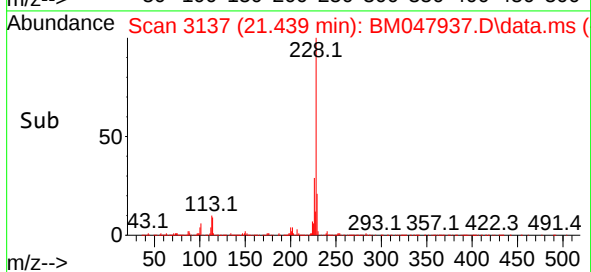
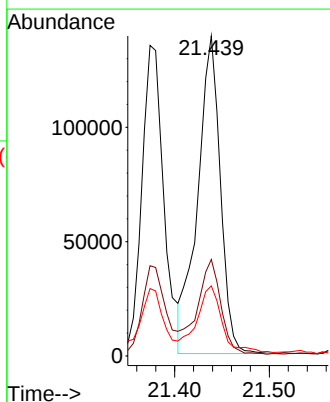
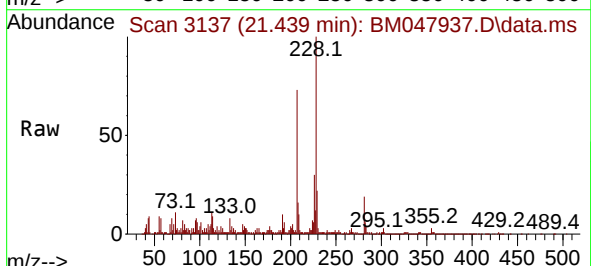
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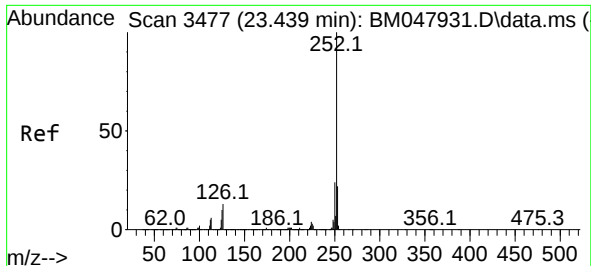
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 2.690 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34

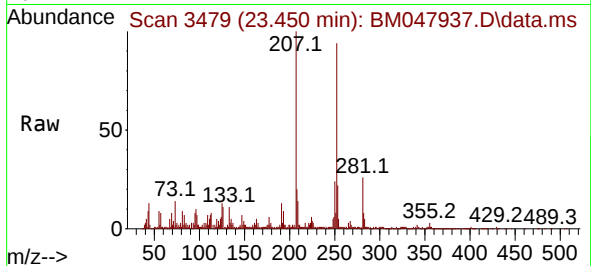
Tgt Ion:228 Resp: 231548
Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.9 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 3.503 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. 0.000 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34

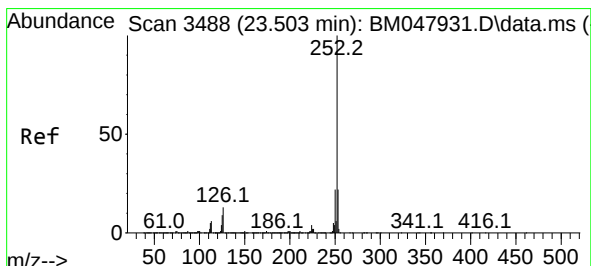
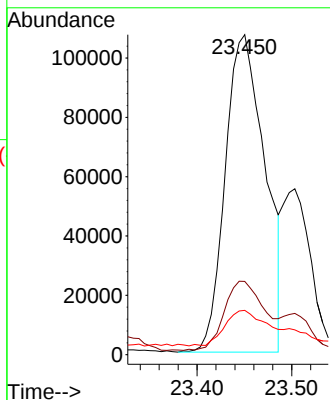
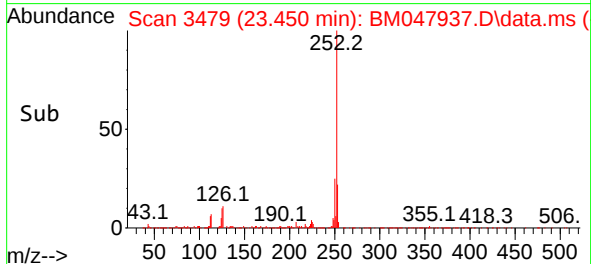
Instrument :
BNA_M
ClientSampleId :
A4EM0



Tgt Ion:252 Resp: 312462
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 13.8 9.0 13.4

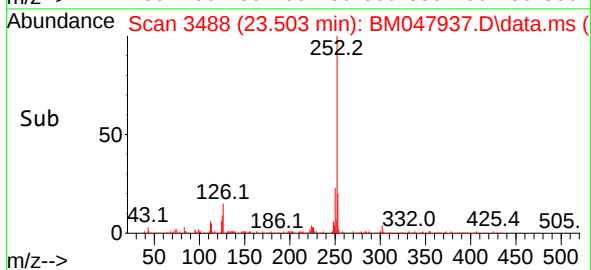
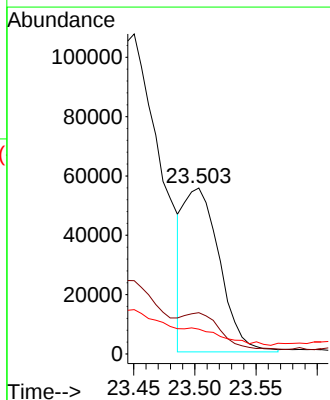
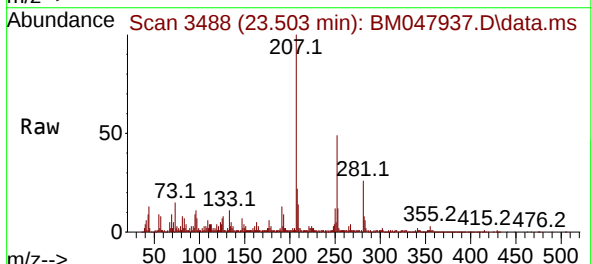
Manual Integrations
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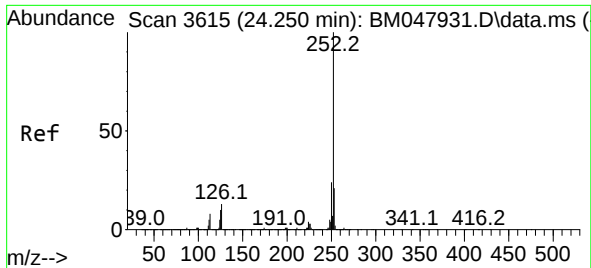
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#91
Benzo(k)fluoranthene
Concen: 1.242 ng/ul m
RT: 23.503 min Scan# 3488
Delta R.T. -0.006 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34

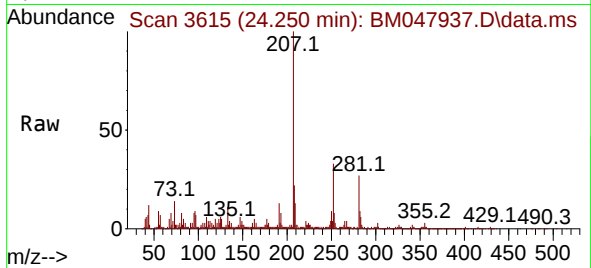
Tgt Ion:252 Resp: 113253
Ion Ratio Lower Upper
252 100
253 24.9 17.5 26.3
125 14.9 8.9 13.3





#93
Benzo(a)pyrene
Concen: 1.095 ng/ul
RT: 24.250 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM047937.D
Acq: 09 Oct 2024 07:34

Instrument :
BNA_M
ClientSampleId :
A4EM0



Tgt Ion:252 Resp: 92770
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 18.0 10.1 15.1

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