

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047925.D
 Acq On : 08 Oct 2024 23:02
 Operator : RC/JU
 Sample : P4183-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM8

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 02:03:04 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	218875	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	891407	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	542509	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1080836	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	985648	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1106186	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	6844	1.010	ng/uL	0.00
4) Pyridine-d5	3.687	84	12045m	0.607	ng/u1	0.02
7) Phenol-d5	6.963	99	220643	10.661	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	141384	9.627	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	188365	12.509	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	160204	10.411	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	86462	12.182	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	88929	13.075	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	171286	12.607	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	179427	8.542	ng/u1	0.00
46) Dimethylphthalate-d6	13.833	166	498490	12.674	ng/u1	-0.01
49) Acenaphthylene-d8	14.121	160	579245	12.421	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	47239	6.032	ng/u1	0.00
60) Fluorene-d10	15.421	176	442015	12.974	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	39380	6.226	ng/u1	0.00
73) Anthracene-d10	17.262	188	668370	12.576	ng/u1	-0.01
81) Pyrene-d10	19.551	212	675885	12.082	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.180	264	562058	9.793	ng/u1	-0.01
Target Compounds					Qvalue	
72) Phenanthrene	17.210	178	298895	4.716	ng/u1	100
80) Fluoranthene	19.221	202	525247	7.972	ng/u1	97
82) Pyrene	19.580	202	323439	4.411	ng/u1	97
85) Benzo(a)anthracene	21.374	228	233240	3.380	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.298	149	69892	1.796	ng/u1#	94
87) Chrysene	21.433	228	249883	3.714	ng/u1	97
90) Benzo(b)fluoranthene	23.444	252	317250	4.599	ng/u1	98
91) Benzo(k)fluoranthene	23.497	252	123623m	1.753	ng/u1	
93) Benzo(a)pyrene	24.244	252	93817	1.432	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	27.768	276	93900m	1.118	ng/u1	

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

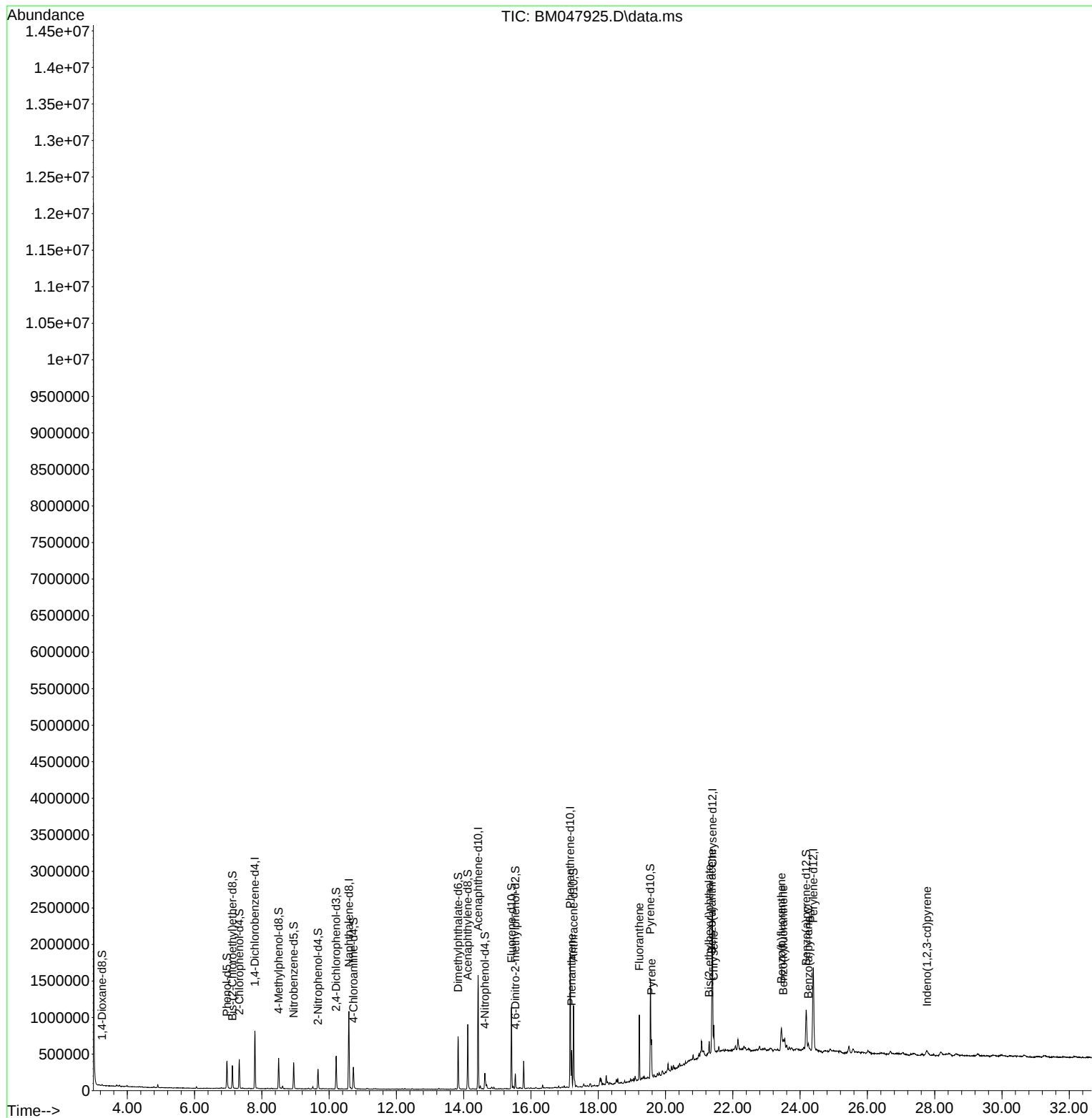
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047925.D
Acq On : 08 Oct 2024 23:02
Operator : RC/JU
Sample : P4183-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

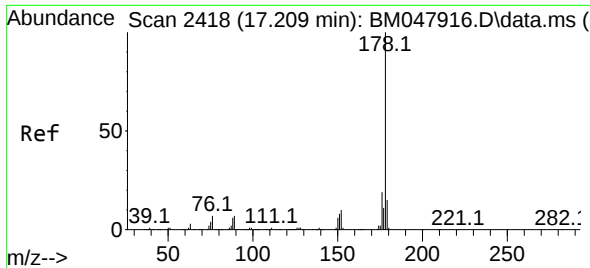
Instrument :
BNA_M
ClientSampleId :
A4EM8

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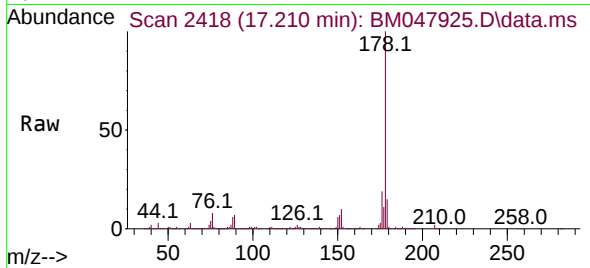
Quant Time: Oct 09 02:03:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.716 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047925.D
Acq: 08 Oct 2024 23:02

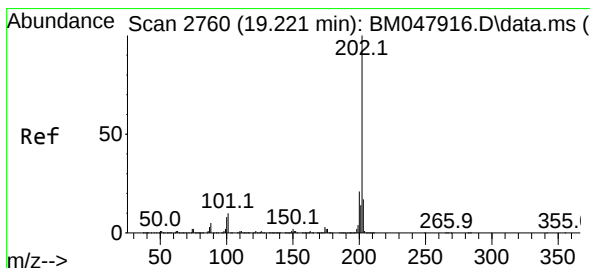
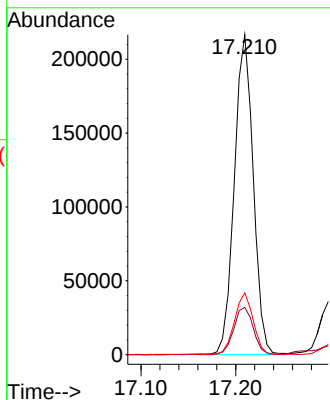
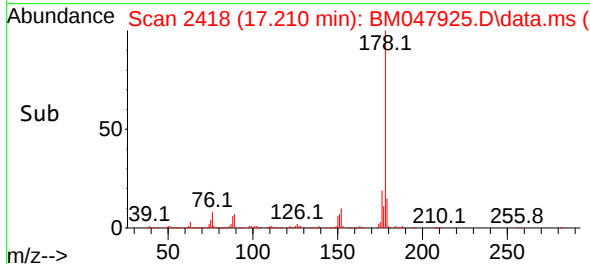
Instrument :
BNA_M
ClientSampleId :
A4EM8



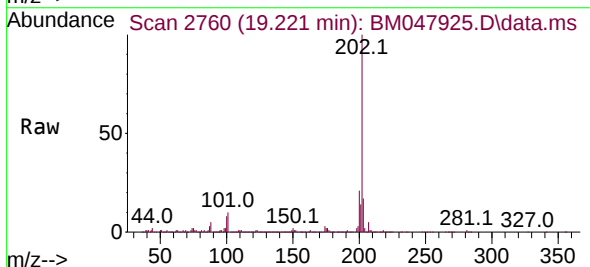
Tgt Ion:178 Resp: 298895
Ion Ratio Lower Upper
178 100
179 14.8 12.0 18.0
176 19.4 15.4 23.0

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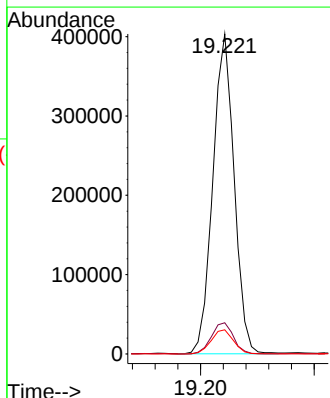
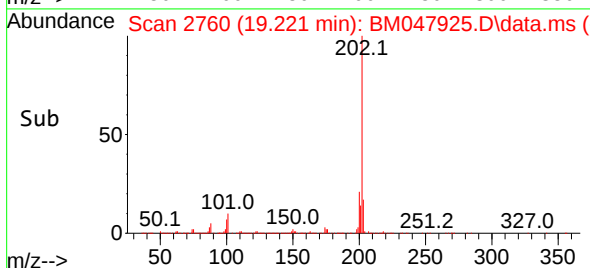
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

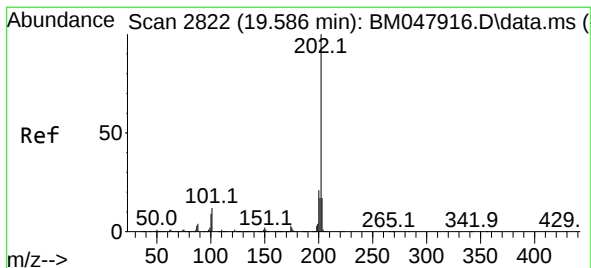


#80
Fluoranthene
Concen: 7.972 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047925.D
Acq: 08 Oct 2024 23:02



Tgt Ion:202 Resp: 525247
Ion Ratio Lower Upper
202 100
101 9.8 9.0 13.4
100 7.5 6.8 10.2





#82

Pyrene

Concen: 4.411 ng/ul

RT: 19.580 min Scan# 2822

Delta R.T. -0.006 min

Lab File: BM047925.D

Acq: 08 Oct 2024 23:02

Instrument :

BNA_M

ClientSampleId :

A4EM8

Tgt Ion:202 Resp: 323439

Ion Ratio Lower Upper

202 100

101 12.9 10.9 16.3

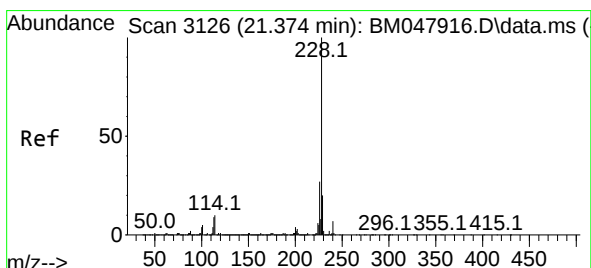
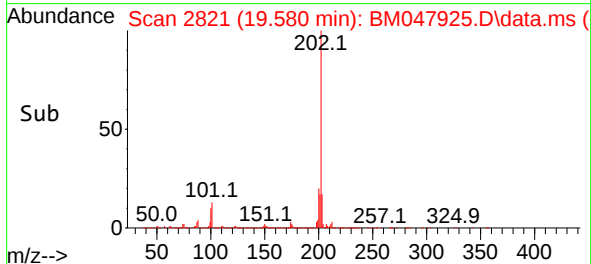
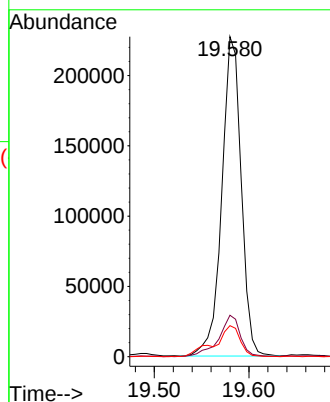
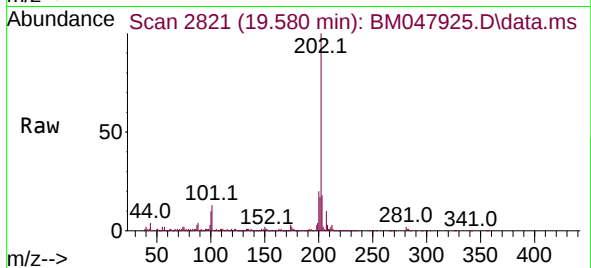
100 9.7 9.4 14.2

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#85

Benzo(a)anthracene

Concen: 3.380 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047925.D

Acq: 08 Oct 2024 23:02

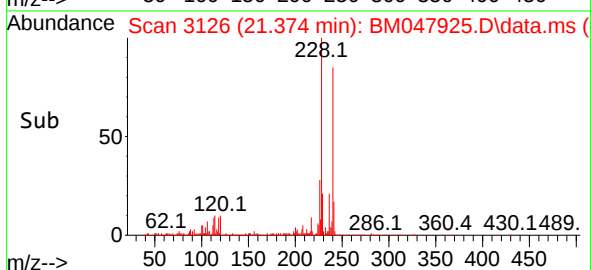
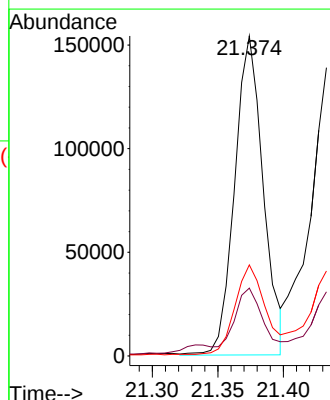
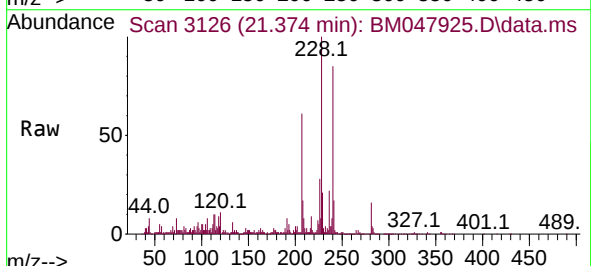
Tgt Ion:228 Resp: 233240

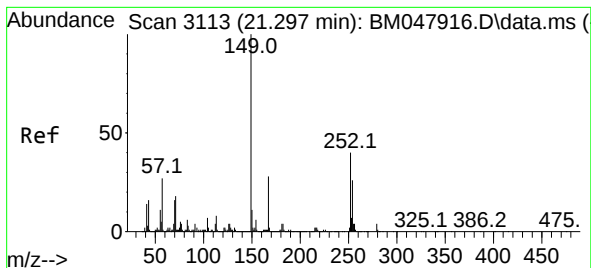
Ion Ratio Lower Upper

228 100

229 21.2 15.6 23.4

226 28.5 21.9 32.9





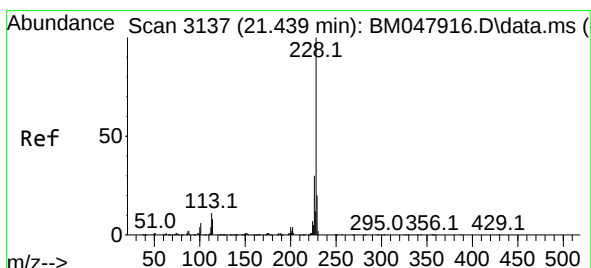
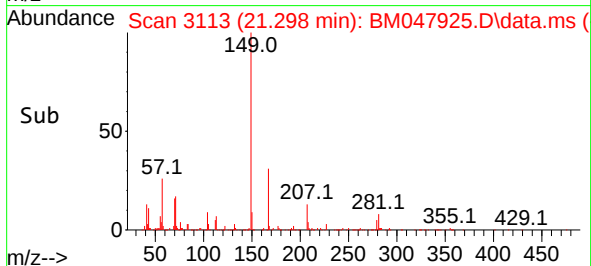
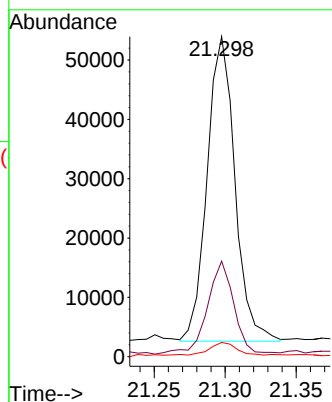
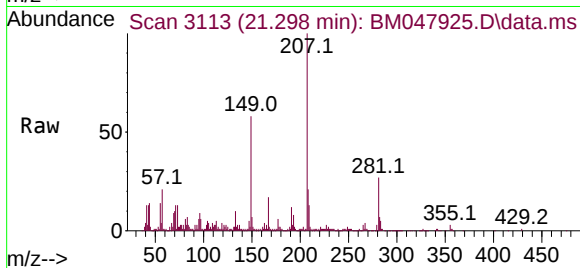
#86
Bis(2-ethylhexyl)phthalate
Concen: 1.796 ng/ul
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047925.D
Acq: 08 Oct 2024 23:02

Instrument :
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ClientSampleId :
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Tgt Ion:149 Resp: 69892
Ion Ratio Lower Upper
149 100
167 29.9 21.3 31.9
279 4.4 2.7 4.1

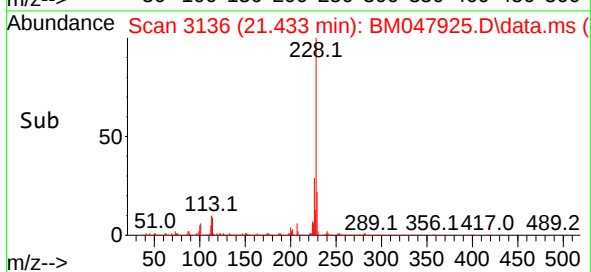
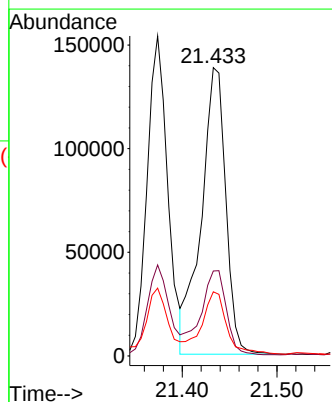
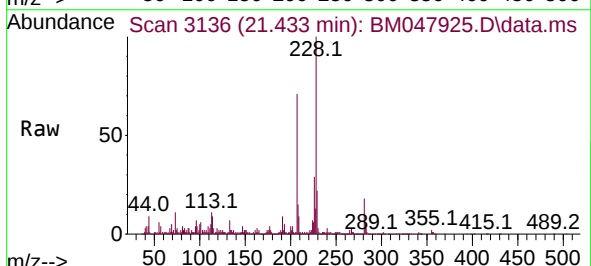
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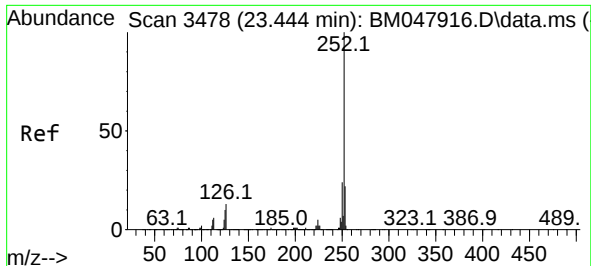
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 3.714 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM047925.D
Acq: 08 Oct 2024 23:02

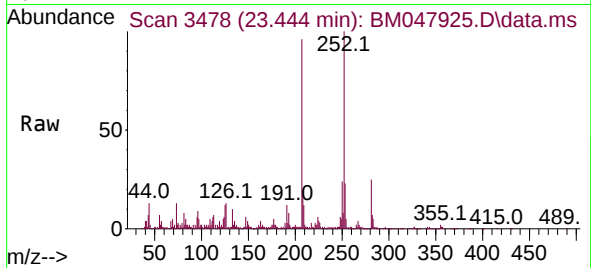
Tgt Ion:228 Resp: 249883
Ion Ratio Lower Upper
228 100
226 29.5 23.6 35.4
229 22.3 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 4.599 ng/ul
RT: 23.444 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM047925.D
Acq: 08 Oct 2024 23:02

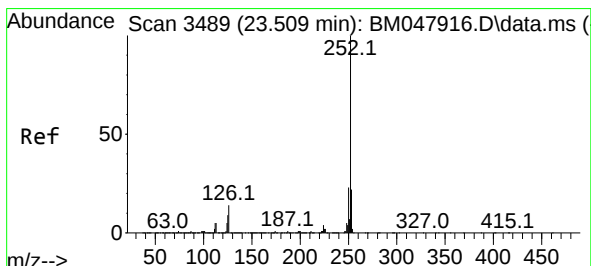
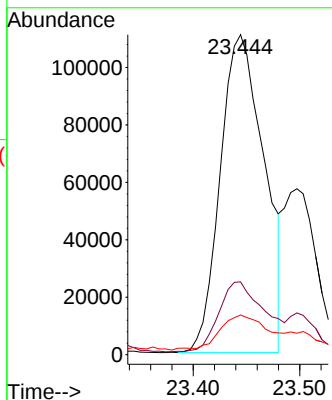
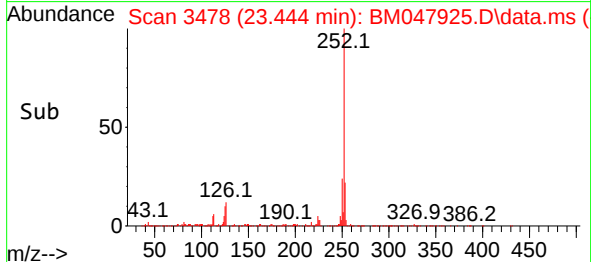
Instrument :
BNA_M
ClientSampleId :
A4EM8



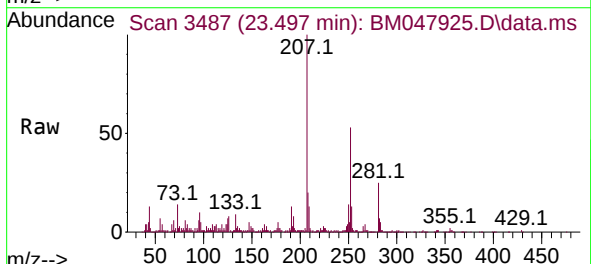
Tgt Ion:252 Resp: 317250
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 12.4 9.0 13.4

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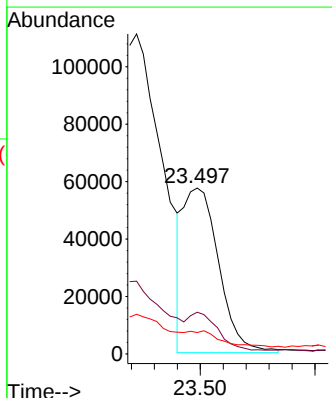
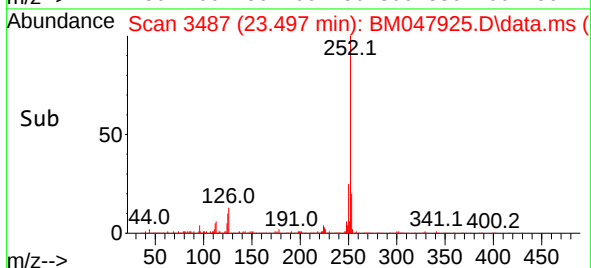
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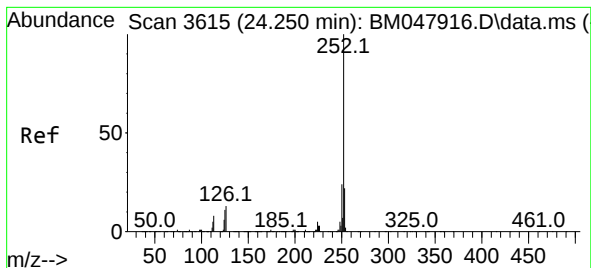


#91
Benzo(k)fluoranthene
Concen: 1.753 ng/ul m
RT: 23.497 min Scan# 3487
Delta R.T. -0.012 min
Lab File: BM047925.D
Acq: 08 Oct 2024 23:02



Tgt Ion:252 Resp: 123623
Ion Ratio Lower Upper
252 100
253 25.1 17.5 26.3
125 12.9 8.9 13.3





#93

Benzo(a)pyrene

Concen: 1.432 ng/ul

RT: 24.244 min Scan# 30

Delta R.T. -0.012 min

Lab File: BM047925.D

Acq: 08 Oct 2024 23:02

Instrument :

BNA_M

ClientSampleId :

A4EM8

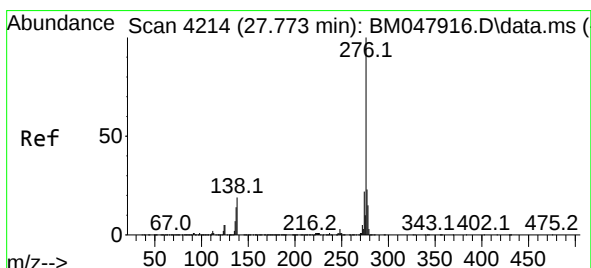
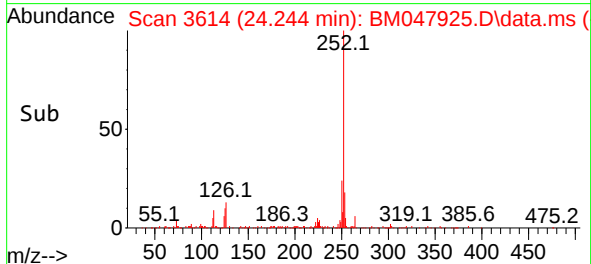
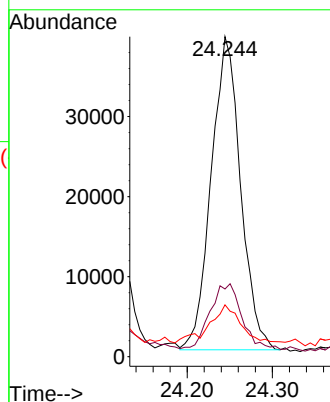
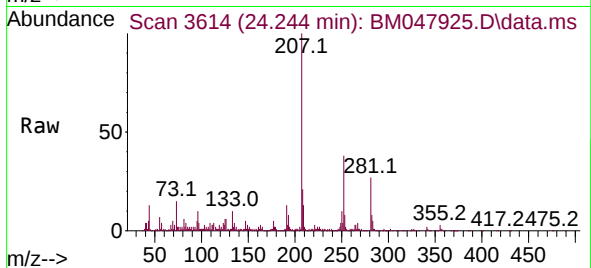
Tgt Ion:	252	Resp:	9381
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.2	25.8
125	16.2	10.1	15.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 1.118 ng/ul m

RT: 27.768 min Scan# 4213

Delta R.T. -0.012 min

Lab File: BM047925.D

Acq: 08 Oct 2024 23:02

Tgt Ion:	276	Resp:	93900
Ion Ratio	Lower	Upper	
276	100		
138	22.2	16.9	25.3
277	22.8	18.9	28.3

