

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047936.D
 Acq On : 09 Oct 2024 06:55
 Operator : RC/JU
 Sample : P4183-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EL8

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 07:45:27 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	7.792	152	276049	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1125501	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	703477	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1427777	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1213801	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1411940	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	26204	3.068	ng/uL	0.00
4) Pyridine-d5	3.663	84	360802	14.426	ng/u1	0.00
7) Phenol-d5	6.963	99	678229	25.983	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	401805	21.692	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	568407	29.929	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	549178	28.297	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	271175	30.261	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	303058	35.290	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	547896	31.938	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	682849	25.747	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	1523487	29.871	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	1843987	30.493	ng/u1	0.00
54) 4-Nitrophenol-d4	14.633	143	254102	25.023	ng/u1	0.00
60) Fluorene-d10	15.421	176	1381549	31.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	135476	16.215	ng/u1	0.00
73) Anthracene-d10	17.268	188	2160727	30.777	ng/u1	0.00
81) Pyrene-d10	19.556	212	2449591	35.558	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	2368243	32.328	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.209	178	352357	4.208	ng/u1	99
80) Fluoranthene	19.221	202	623121	7.680	ng/u1	100
82) Pyrene	19.586	202	610543	6.761	ng/u1	97
85) Benzo(a)anthracene	21.380	228	280349	3.299	ng/u1	94
87) Chrysene	21.438	228	298630m	3.604	ng/u1	
90) Benzo(b)fluoranthene	23.450	252	360226	4.091	ng/u1#	90
91) Benzo(k)fluoranthene	23.503	252	121744m	1.352	ng/u1	
93) Benzo(a)pyrene	24.256	252	268078	3.206	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	27.773	276	186066	1.736	ng/u1	98
96) Benzo(g,h,i)perylene	28.832	276	186001m	2.215	ng/u1	

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

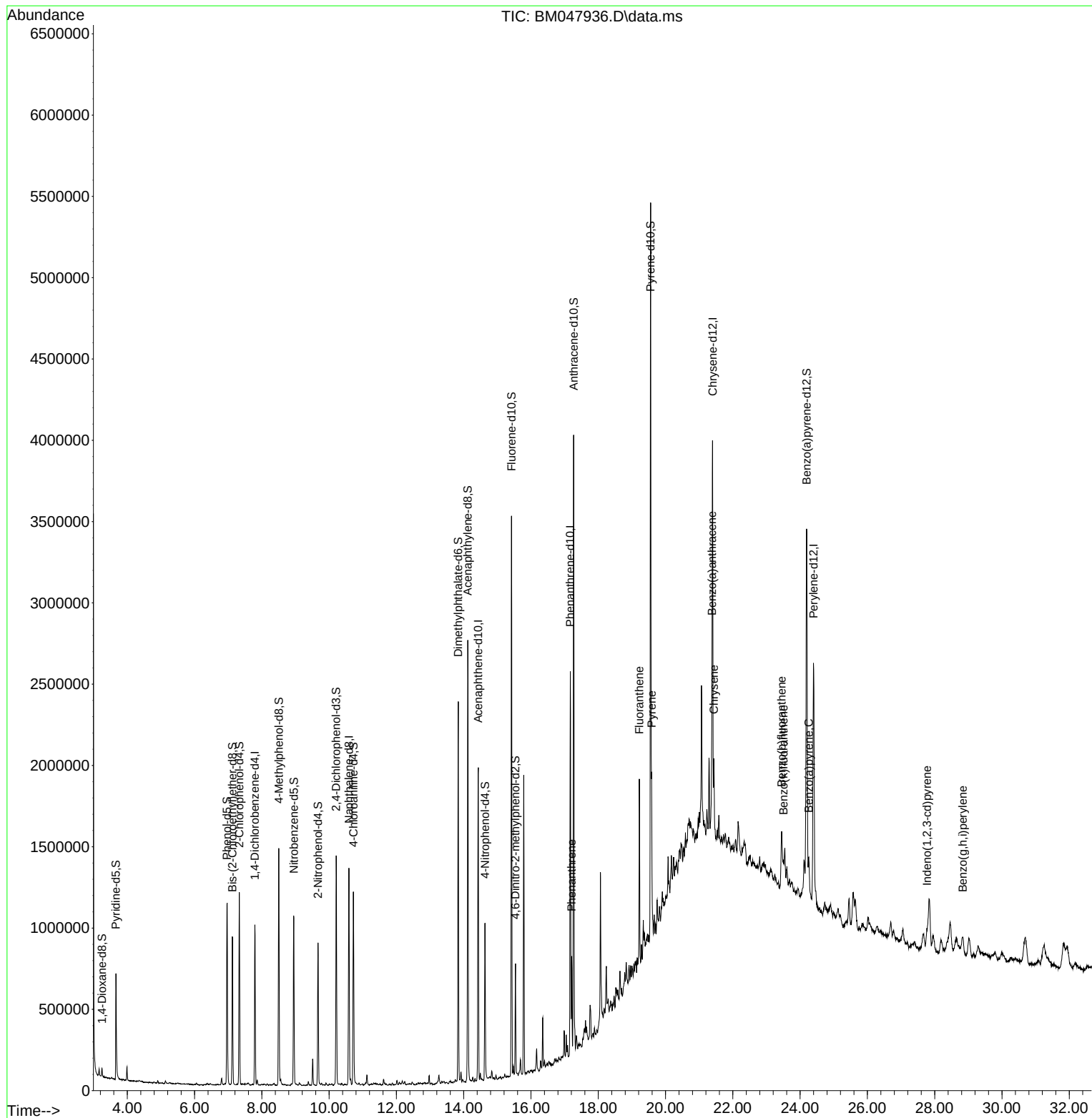
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047936.D
Acq On : 09 Oct 2024 06:55
Operator : RC/JU
Sample : P4183-15
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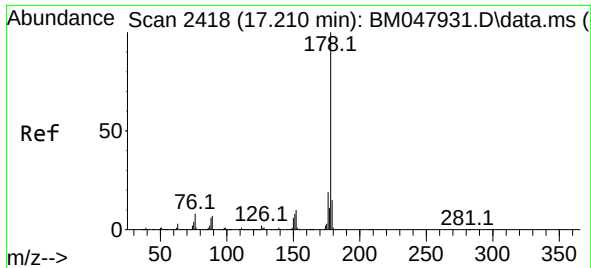
Instrument :
BNA_M
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Quant Time: Oct 09 07:45:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
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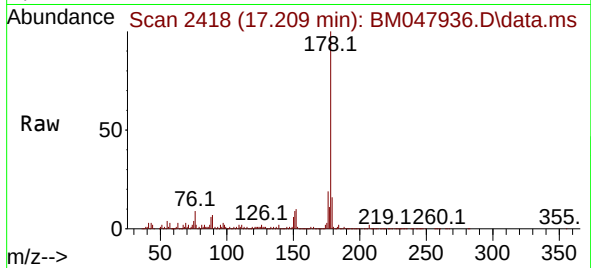
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024





#72
Phenanthrene
Concen: 4.208 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047936.D
Acq: 09 Oct 2024 06:55

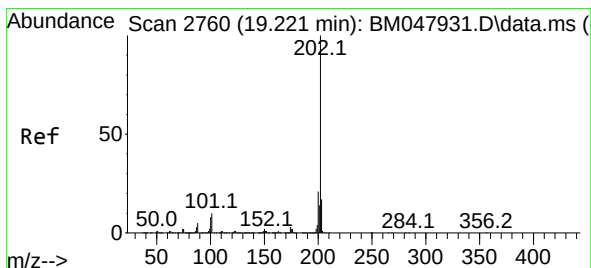
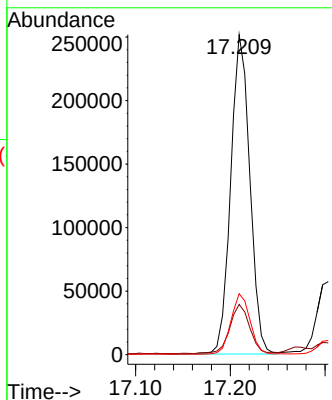
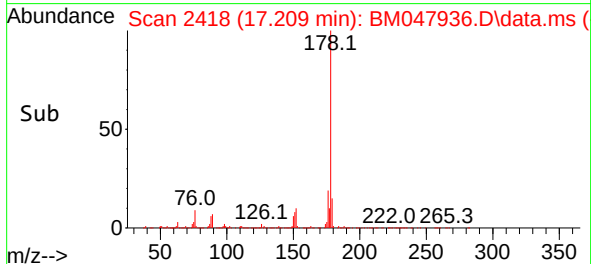
Instrument :
BNA_M
ClientSampleId :
A4EL8



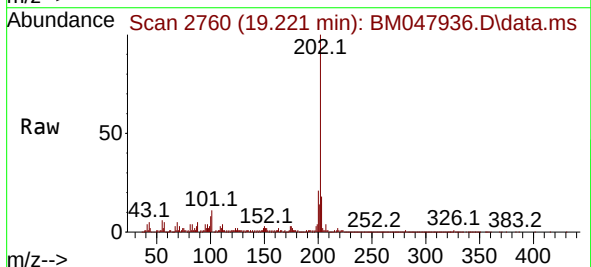
Tgt Ion:178 Resp: 35235
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.0 15.4 23.0

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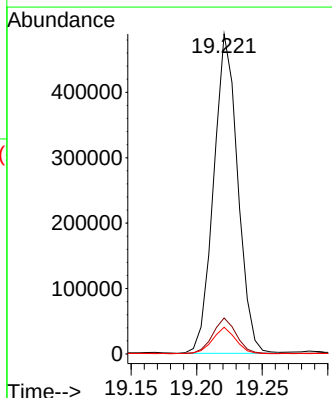
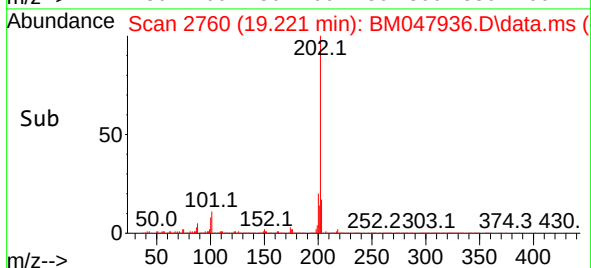
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

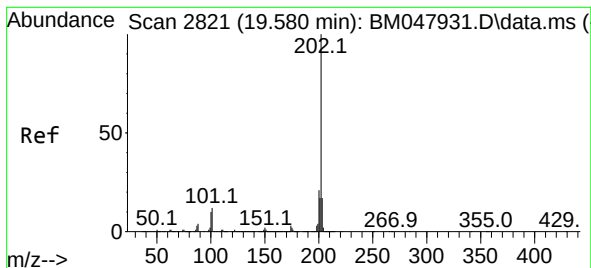


#80
Fluoranthene
Concen: 7.680 ng/ul
RT: 19.221 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BM047936.D
Acq: 09 Oct 2024 06:55



Tgt Ion:202 Resp: 623121
Ion Ratio Lower Upper
202 100
101 11.2 9.0 13.4
100 8.3 6.8 10.2





#82

Pyrene

Concen: 6.761 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047936.D

Acq: 09 Oct 2024 06:55

Instrument :

BNA_M

ClientSampleId :

A4EL8

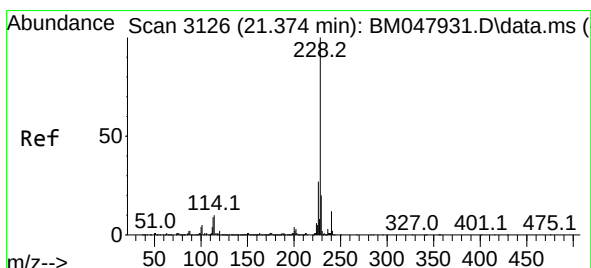
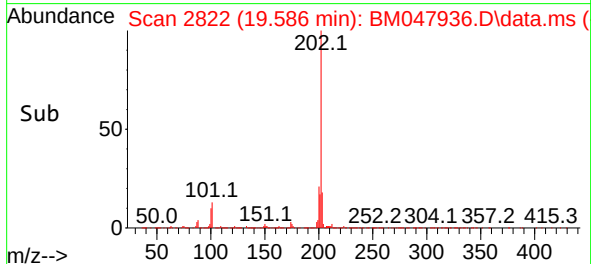
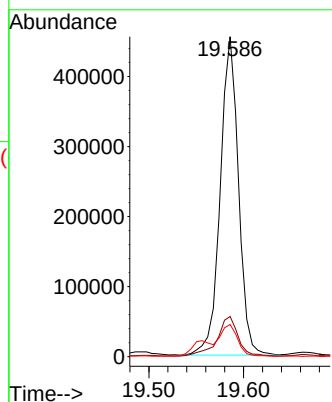
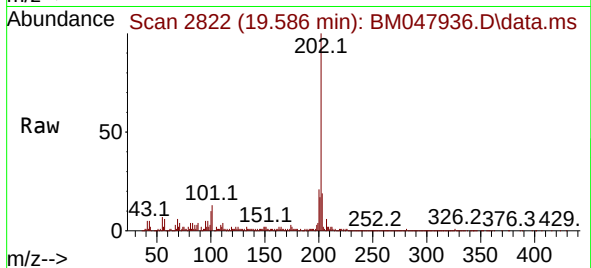
Tgt Ion:202 Resp: 61054
 Ion Ratio Lower Upper
 202 100
 101 12.6 10.9 16.3
 100 10.0 9.4 14.2

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#85

Benzo(a)anthracene

Concen: 3.299 ng/ul

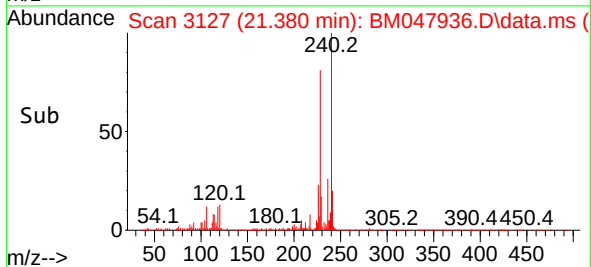
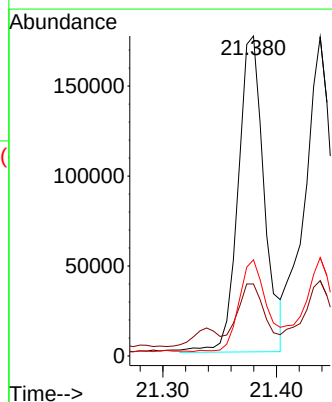
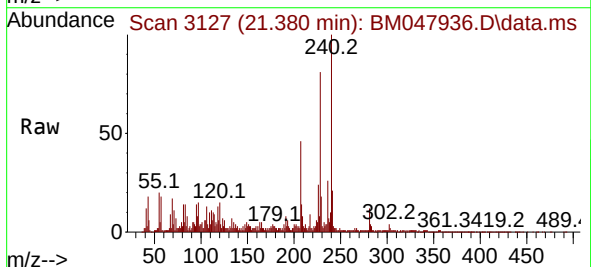
RT: 21.380 min Scan# 3127

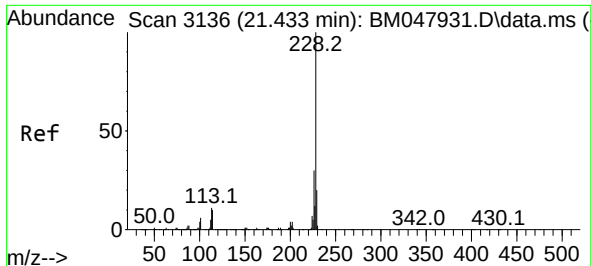
Delta R.T. -0.000 min

Lab File: BM047936.D

Acq: 09 Oct 2024 06:55

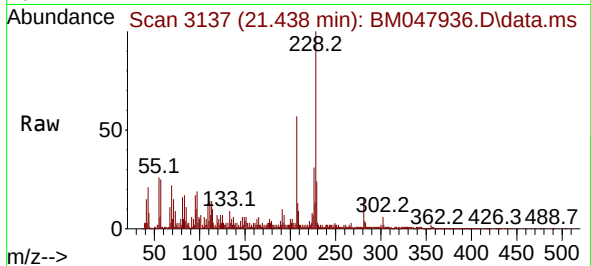
Tgt Ion:228 Resp: 280349
 Ion Ratio Lower Upper
 228 100
 229 22.5 15.6 23.4
 226 30.1 21.9 32.9





#87
Chrysene
Concen: 3.604 ng/ul m
RT: 21.438 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM047936.D
Acq: 09 Oct 2024 06:55

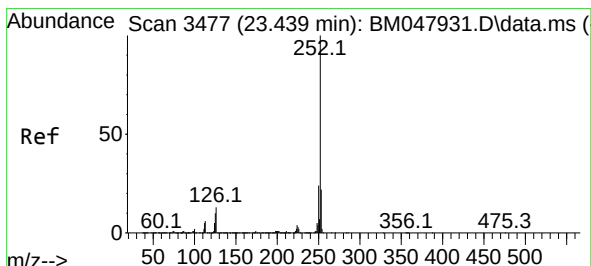
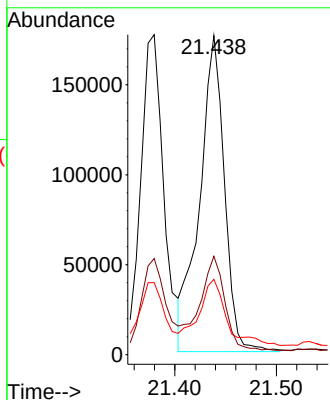
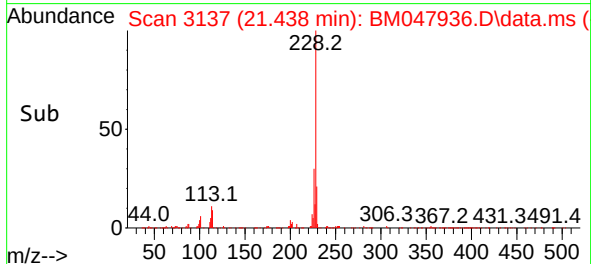
Instrument :
BNA_M
ClientSampleId :
A4EL8



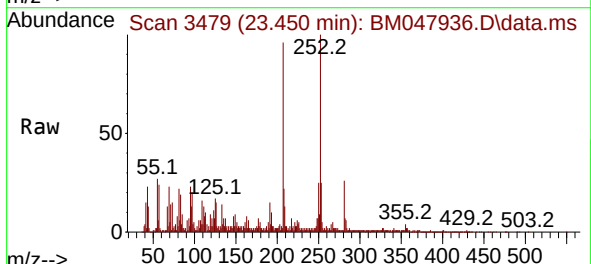
Tgt Ion:228 Resp: 298630
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 23.6 15.3 22.9

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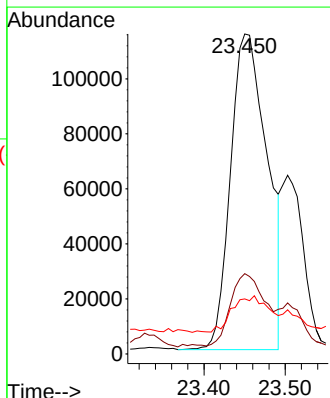
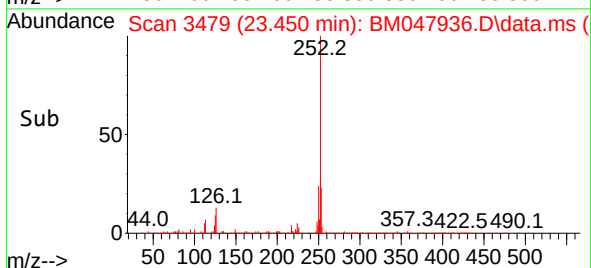
Reviewed By :Yogesh Patel 10/10/2024
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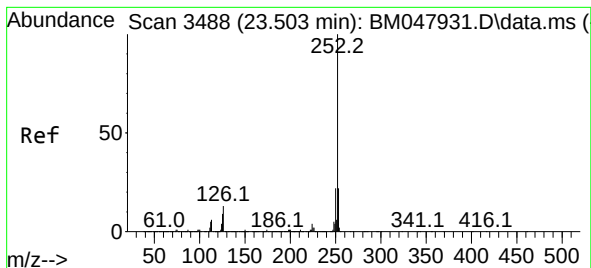


#90
Benzo(b)fluoranthene
Concen: 4.091 ng/ul
RT: 23.450 min Scan# 3479
Delta R.T. -0.000 min
Lab File: BM047936.D
Acq: 09 Oct 2024 06:55



Tgt Ion:252 Resp: 360226
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 17.2 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 1.352 ng/ul m

RT: 23.503 min Scan# 3488

Delta R.T. -0.006 min

Lab File: BM047936.D

Acq: 09 Oct 2024 06:55

Instrument :

BNA_M

ClientSampleId :

A4EL8

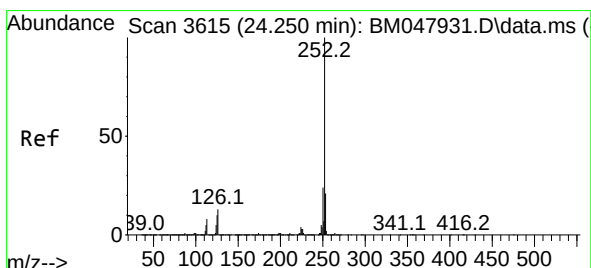
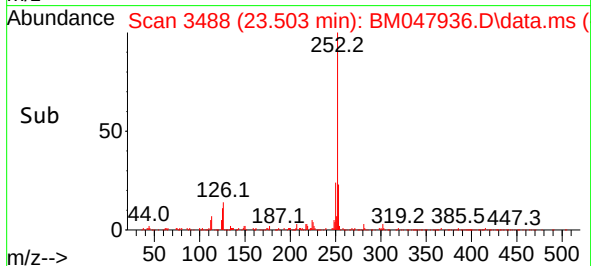
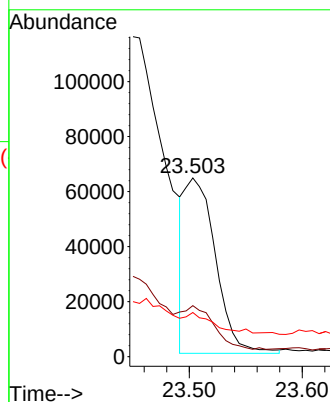
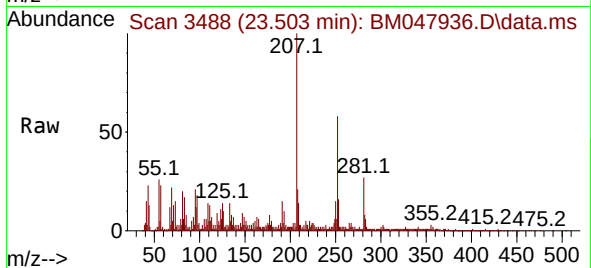
Tgt Ion:252 Resp: 121744
 Ion Ratio Lower Upper
 252 100
 253 28.5 17.5 26.3
 125 24.7 8.9 13.3

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#93

Benzo(a)pyrene

Concen: 3.206 ng/ul

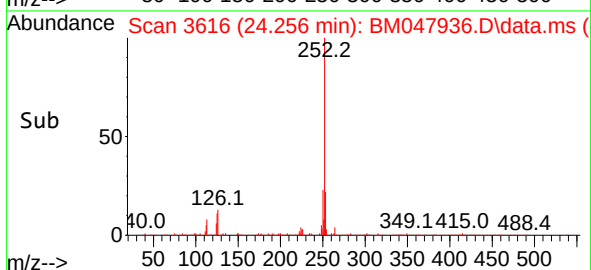
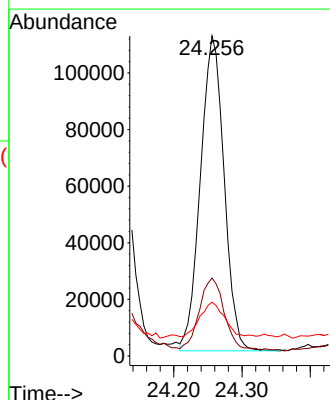
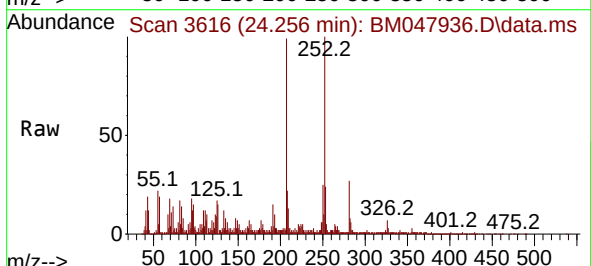
RT: 24.256 min Scan# 3616

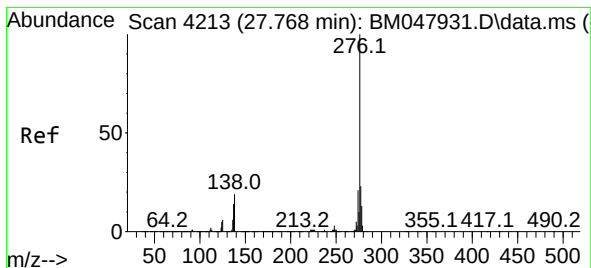
Delta R.T. -0.000 min

Lab File: BM047936.D

Acq: 09 Oct 2024 06:55

Tgt Ion:252 Resp: 268078
 Ion Ratio Lower Upper
 252 100
 253 24.4 17.2 25.8
 125 16.8 10.1 15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.736 ng/ul

RT: 27.773 min Scan# 4213

Delta R.T. -0.006 min

Lab File: BM047936.D

Acq: 09 Oct 2024 06:55

Instrument :

BNA_M

ClientSampleId :

A4EL8

Tgt Ion:276 Resp: 18606

Ion Ratio Lower Upper

276 100

138 22.4 16.9 25.3

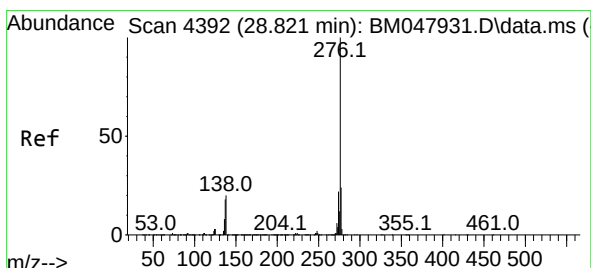
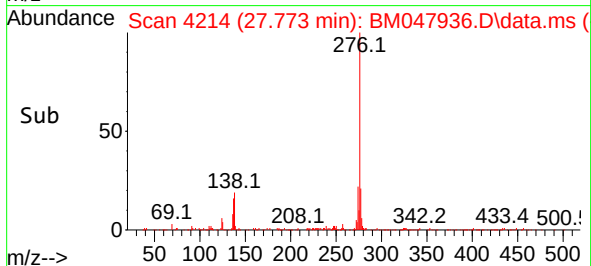
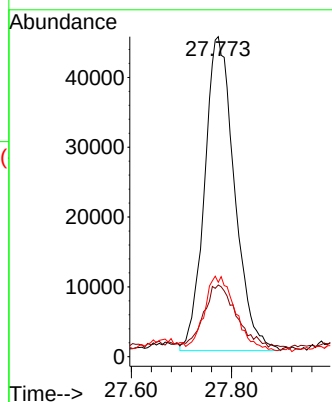
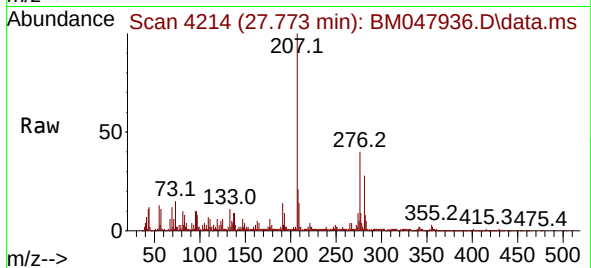
277 23.3 18.9 28.3

Manual Integrations

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#96

Benzo(g,h,i)perylene

Concen: 2.215 ng/ul m

RT: 28.832 min Scan# 4394

Delta R.T. -0.000 min

Lab File: BM047936.D

Acq: 09 Oct 2024 06:55

Tgt Ion:276 Resp: 186001

Ion Ratio Lower Upper

276 100

138 24.0 18.7 28.1

277 27.6 18.3 27.5#

