

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047824.D
 Acq On : 04 Oct 2024 01:52
 Operator : RC/JU
 Sample : P4084-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCYN1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 04 02:51:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 28 02:30:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	287279	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.592	136	1153329	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.439	164	719578	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.174	188	1468138	20.000	ng/u1	-0.01
79) Chrysene-d12	21.397	240	1368084	20.000	ng/u1	-0.01
88) Perylene-d12	24.397	264	1567348	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	17828	2.005	ng/uL	0.00
4) Pyridine-d5	3.669	84	130425	5.011	ng/u1	0.00
7) Phenol-d5	6.969	99	351581	12.942	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	224742	11.659	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.334	132	291020	14.725	ng/u1	-0.01
15) 4-Methylphenol-d8	8.504	113	288421	14.280	ng/u1	-0.01
21) Nitrobenzene-d5	8.957	128	146719	15.977	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.675	143	156450	17.779	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.216	165	286758	16.312	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.727	131	382665	14.080	ng/u1	-0.01
46) Dimethylphthalate-d6	13.845	166	921127	17.656	ng/u1	-0.01
49) Acenaphthylene-d8	14.127	160	1076685	17.406	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.627	143	123157	11.857	ng/u1	0.00
60) Fluorene-d10	15.427	176	823675	18.228	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.545	200	97774	11.381	ng/u1	0.00
73) Anthracene-d10	17.274	188	1242572	17.212	ng/u1	-0.01
81) Pyrene-d10	19.562	212	1493857	19.239	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	1534057	18.864	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.645	128	2633243	39.693	ng/u1	100
36) 2-Methylnaphthalene	12.257	142	754380	17.897	ng/u1	97
37) 1-Methylnaphthalene	12.474	142	392949	9.163	ng/u1	98
52) Acenaphthene	14.504	153	2085871	42.300	ng/u1	98
61) Fluorene	15.486	166	2162507	39.050	ng/u1	100
72) Phenanthrene	17.221	178	9612847	111.652	ng/u1	98
74) Anthracene	17.309	178	1946936	22.171	ng/u1	100
80) Fluoranthene	19.233	202	7241039	79.183	ng/u1	98
82) Pyrene	19.592	202	5089172	50.001	ng/u1	96
85) Benzo(a)anthracene	21.380	228	1134781	11.847	ng/u1	99
87) Chrysene	21.439	228	1081611	11.582	ng/u1	98
90) Benzo(b)fluoranthene	23.450	252	607331	6.214	ng/u1	97
91) Benzo(k)fluoranthene	23.509	252	188143m	1.882	ng/u1	
93) Benzo(a)pyrene	24.256	252	305533	3.291	ng/u1	99

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

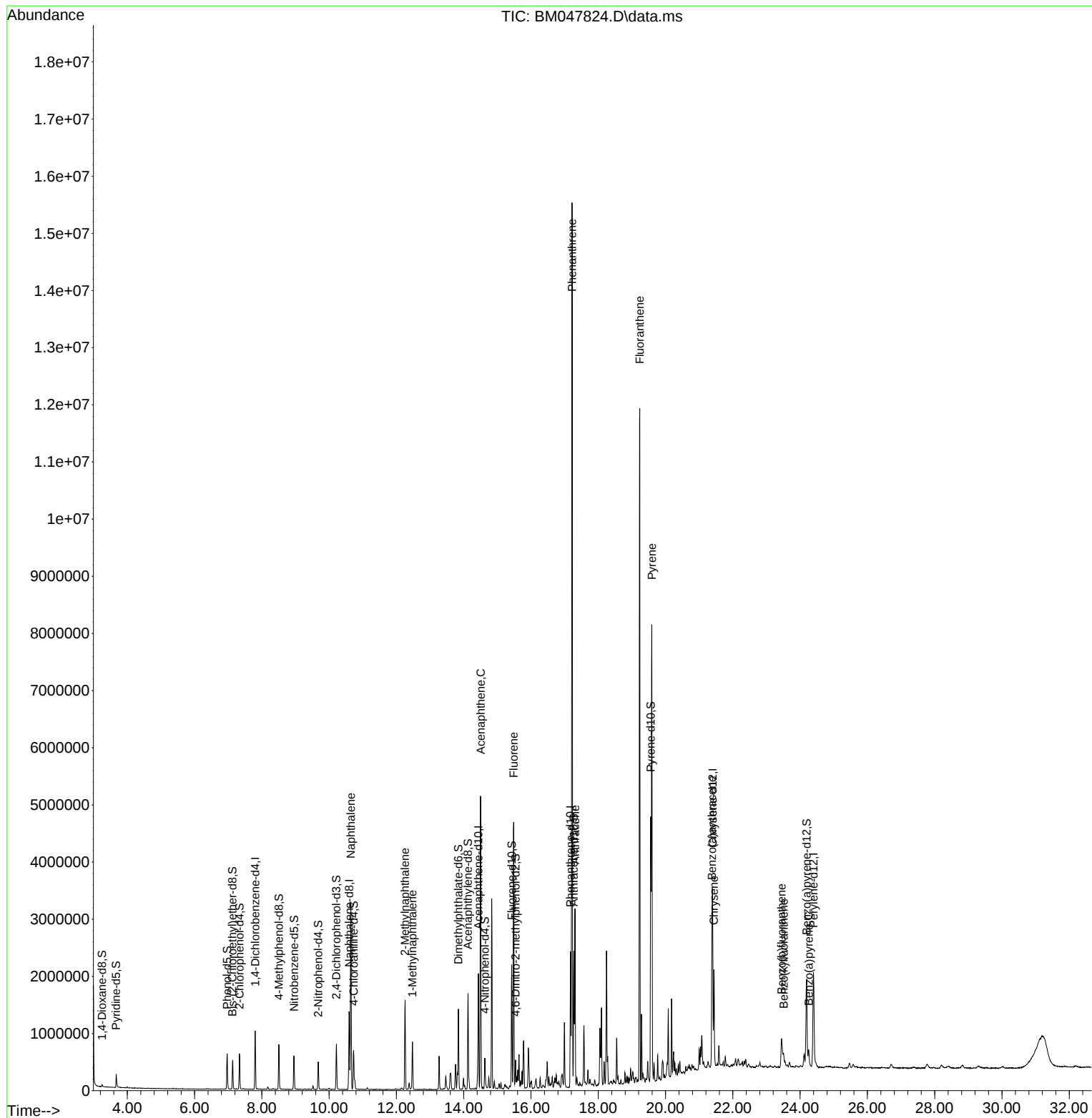
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047824.D
Acq On : 04 Oct 2024 01:52
Operator : RC/JU
Sample : P4084-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

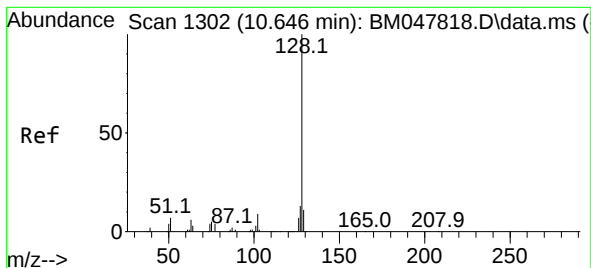
Instrument :
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ClientSampleId :
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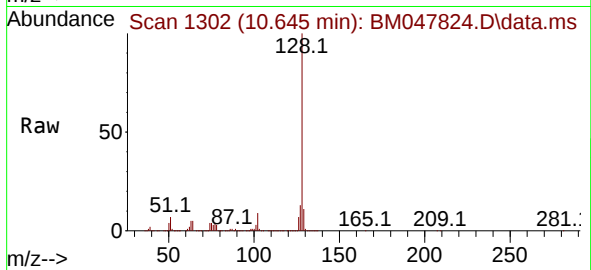
Quant Time: Oct 04 02:51:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 39.693 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.018 min
Lab File: BM047824.D
Acq: 04 Oct 2024 01:52

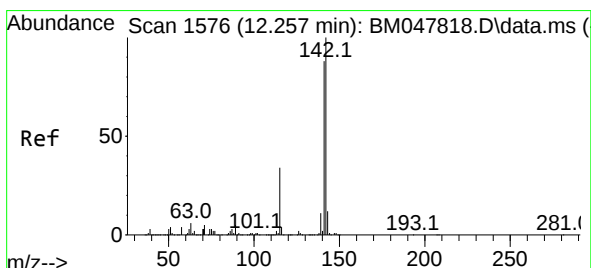
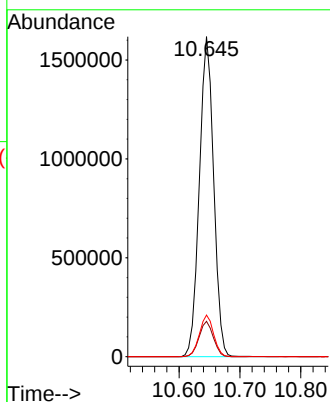
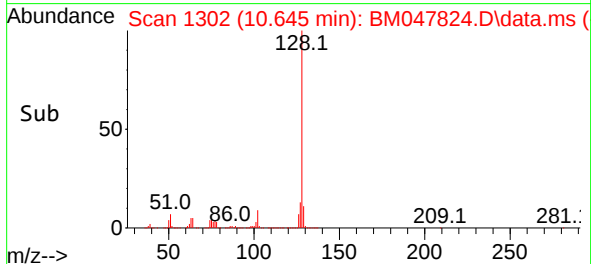
Instrument :
BNA_M
ClientSampleId :
DCYN1



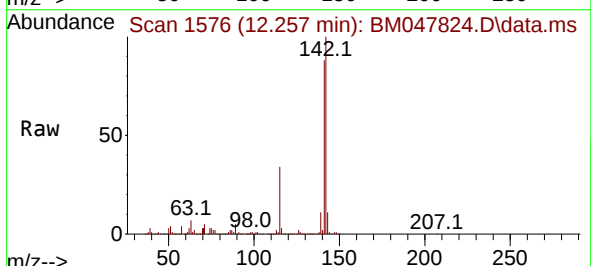
Tgt Ion:128 Resp: 263324
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.0 10.4 15.6

Manual Integrations
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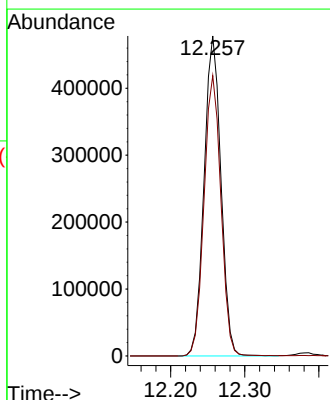
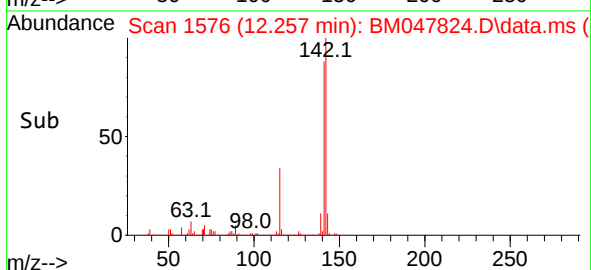
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

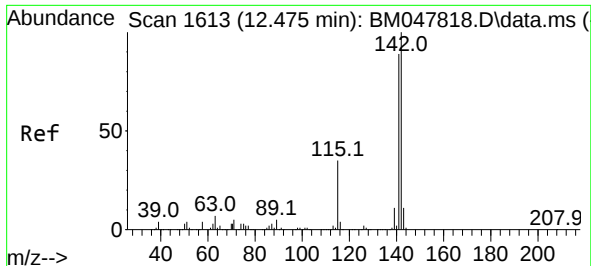


#36
2-Methylnaphthalene
Concen: 17.897 ng/ul
RT: 12.257 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BM047824.D
Acq: 04 Oct 2024 01:52



Tgt Ion:142 Resp: 754380
Ion Ratio Lower Upper
142 100
141 87.6 72.5 108.7





#37

1-Methylnaphthalene

Concen: 9.163 ng/ul

RT: 12.474 min Scan# 1

Delta R.T. -0.018 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

Instrument :

BNA_M

ClientSampleId :

DCYN1

Tgt Ion:142 Resp: 392949

Ion Ratio Lower Upper

142 100

141 90.3 73.4 110.2

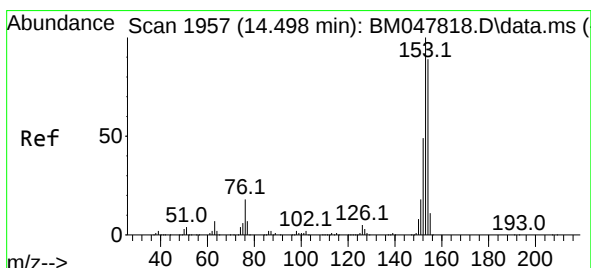
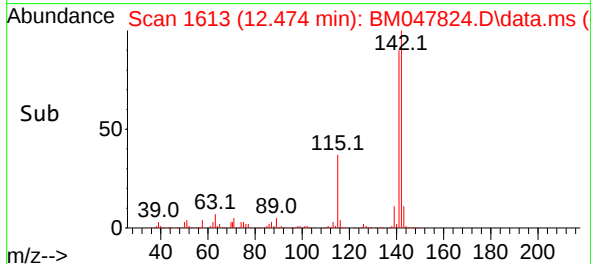
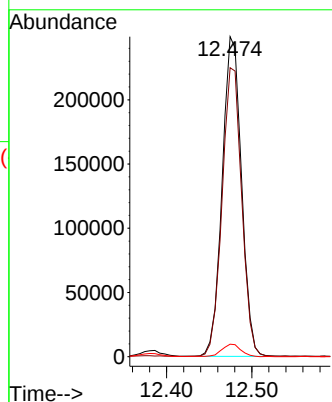
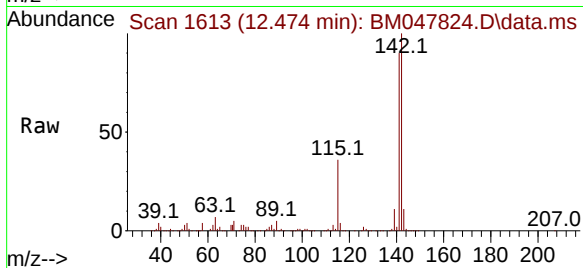
116 3.9 3.0 4.6

Manual Integrations

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#52

Acenaphthene

Concen: 42.300 ng/ul

RT: 14.504 min Scan# 1958

Delta R.T. -0.006 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

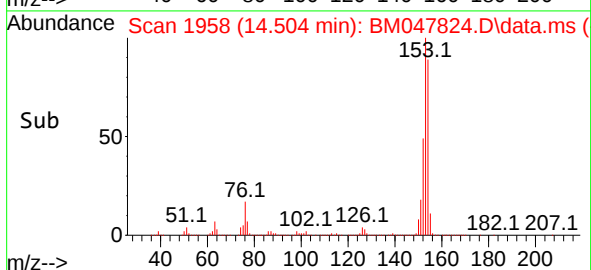
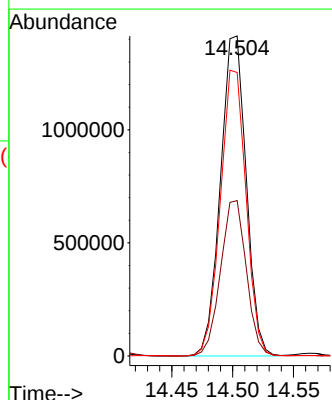
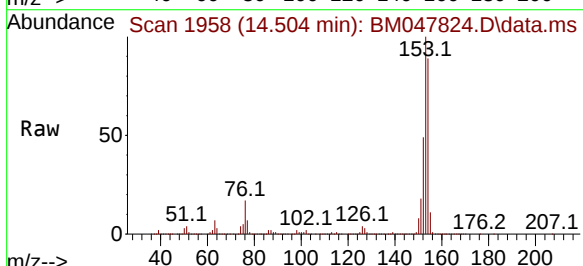
Tgt Ion:153 Resp: 2085871

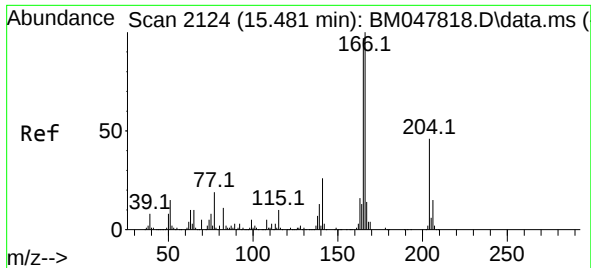
Ion Ratio Lower Upper

153 100

152 48.5 39.7 59.5

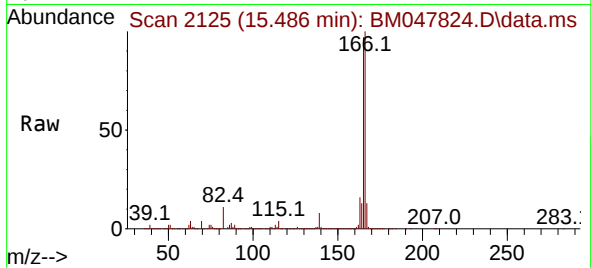
154 88.6 72.6 108.8





#61
Fluorene
Concen: 39.050 ng/u1
RT: 15.486 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM047824.D
Acq: 04 Oct 2024 01:52

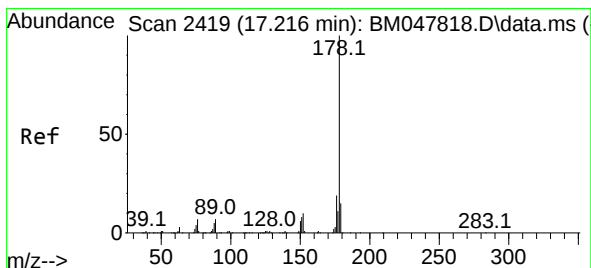
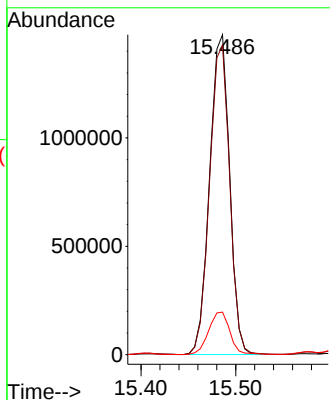
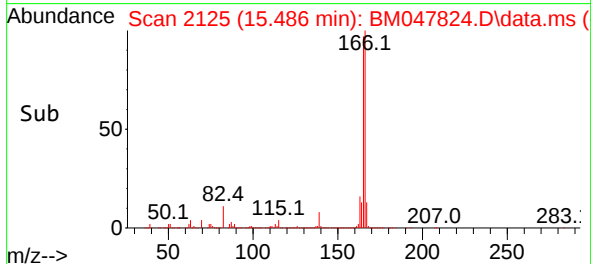
Instrument :
BNA_M
ClientSampleId :
DCYN1



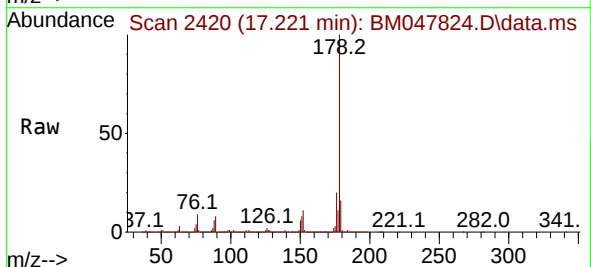
Tgt Ion:166 Resp: 216250
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.6
167 13.3 10.8 16.2

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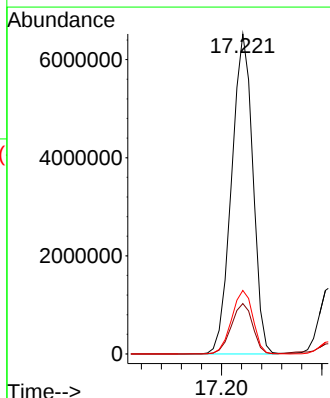
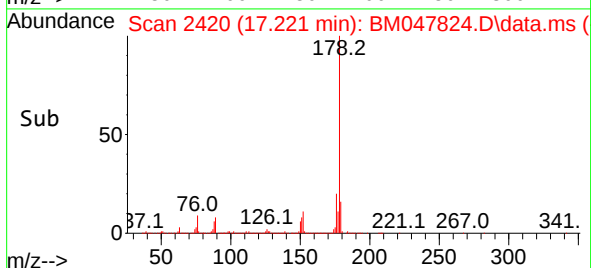
Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024

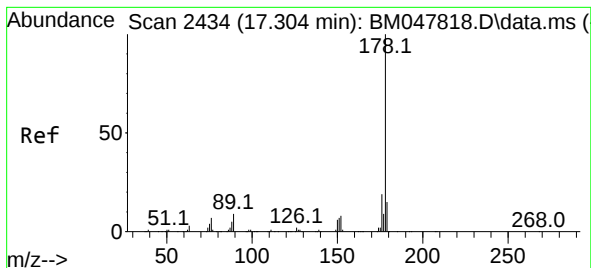


#72
Phenanthrene
Concen: 111.652 ng/u1
RT: 17.221 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BM047824.D
Acq: 04 Oct 2024 01:52



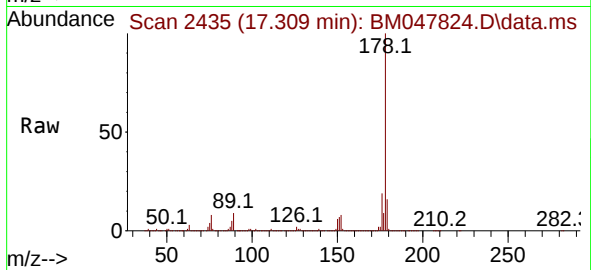
Tgt Ion:178 Resp: 9612847
Ion Ratio Lower Upper
178 100
179 15.8 12.0 18.0
176 19.9 15.4 23.0





#74
 Anthracene
 Concen: 22.171 ng/ul
 RT: 17.309 min Scan# 2434
 Delta R.T. -0.006 min
 Lab File: BM047824.D
 Acq: 04 Oct 2024 01:52

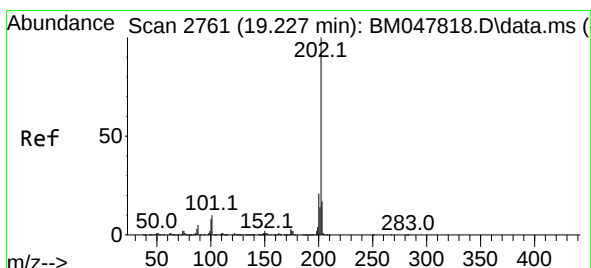
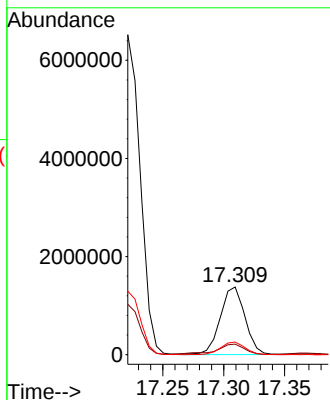
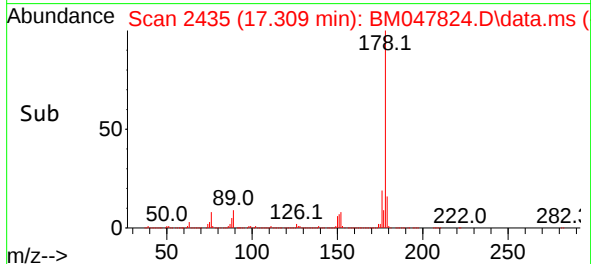
Instrument :
 BNA_M
 ClientSampleId :
 DCYN1



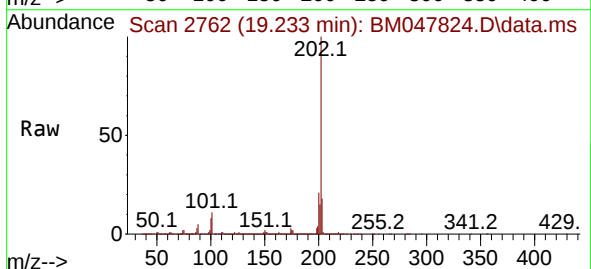
Tgt Ion:178 Resp: 1946930
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.4 18.6
 176 18.6 14.7 22.1

Manual Integrations
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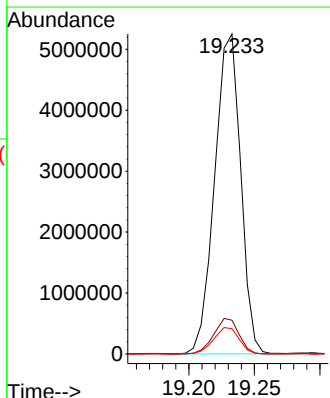
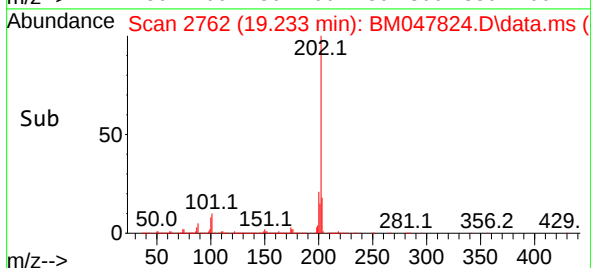
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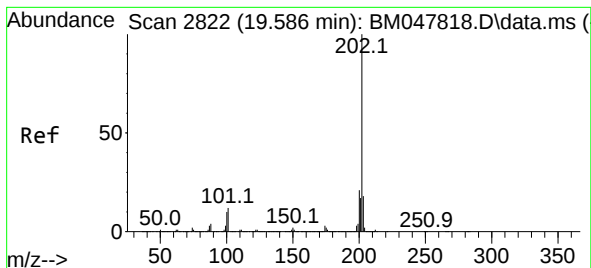


#80
 Fluoranthene
 Concen: 79.183 ng/ul
 RT: 19.233 min Scan# 2762
 Delta R.T. -0.006 min
 Lab File: BM047824.D
 Acq: 04 Oct 2024 01:52



Tgt Ion:202 Resp: 7241039
 Ion Ratio Lower Upper
 202 100
 101 10.6 9.0 13.4
 100 7.9 6.8 10.2





#82

Pyrene

Concen: 50.001 ng/ul

RT: 19.592 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

Instrument :

BNA_M

ClientSampleId :

DCYN1

Tgt Ion:202 Resp: 508917

Ion Ratio Lower Upper

202 100

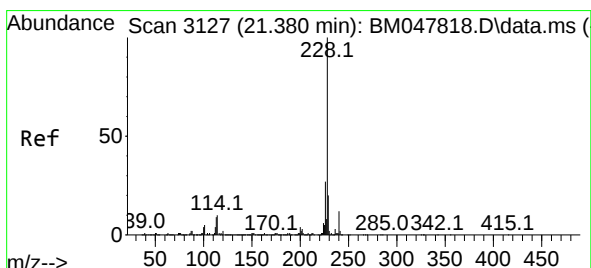
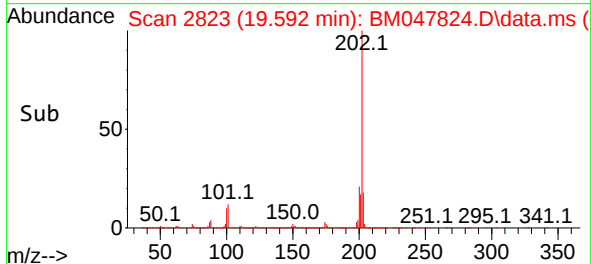
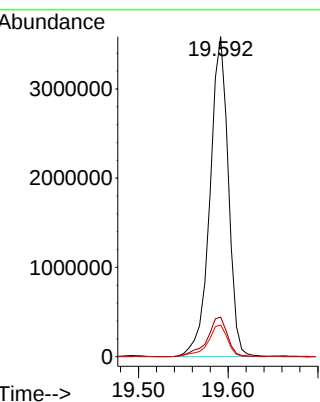
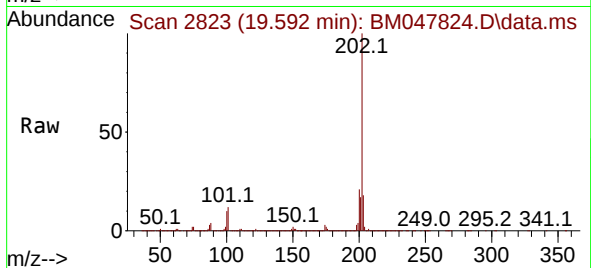
101 12.3 10.9 16.3

100 9.9 9.4 14.2

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 11.847 ng/ul

RT: 21.380 min Scan# 3127

Delta R.T. -0.012 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

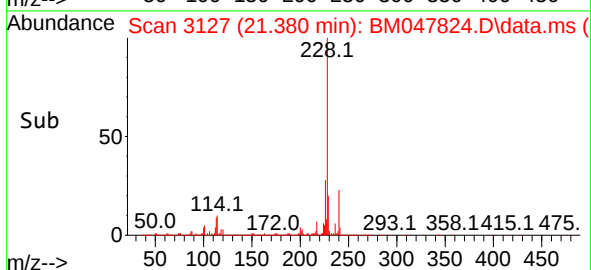
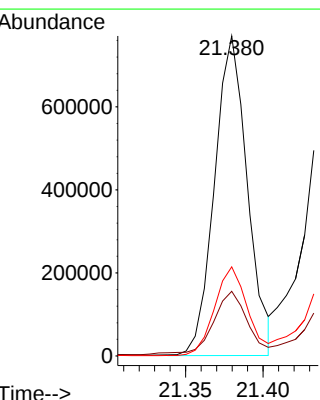
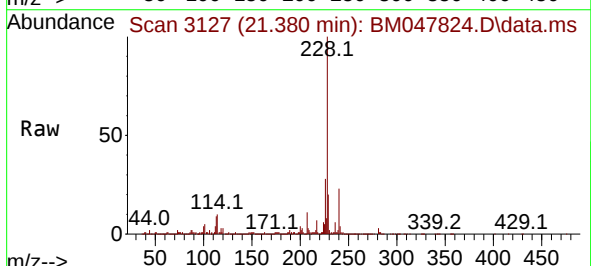
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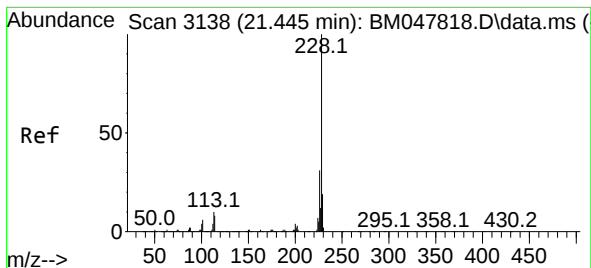
Ion Ratio Lower Upper

228 100

229 20.2 15.6 23.4

226 27.8 21.9 32.9





#87

Chrysene

Concen: 11.582 ng/ul

RT: 21.439 min Scan# 3138

Delta R.T. -0.012 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

Instrument :

BNA_M

ClientSampleId :

DCYN1

Tgt Ion:228 Resp: 108161

Ion Ratio Lower Upper

228 100

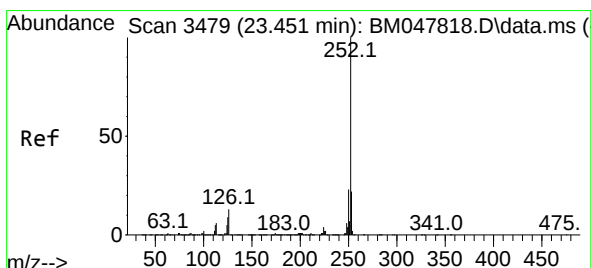
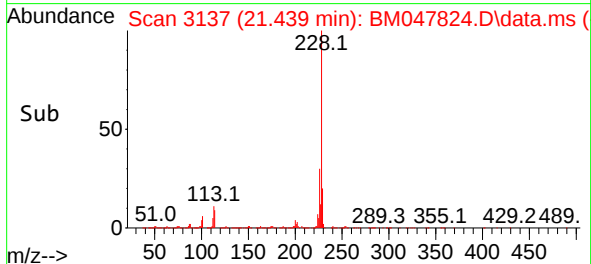
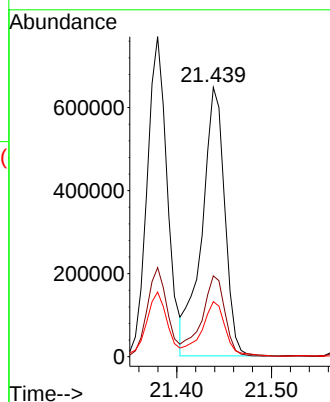
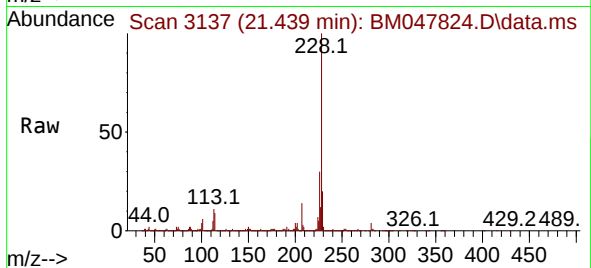
226 30.0 23.6 35.4

229 20.5 15.3 22.9

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 6.214 ng/ul

RT: 23.450 min Scan# 3479

Delta R.T. -0.012 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

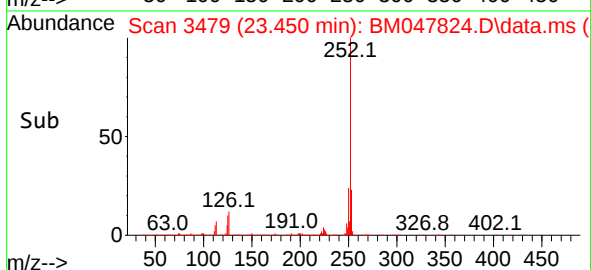
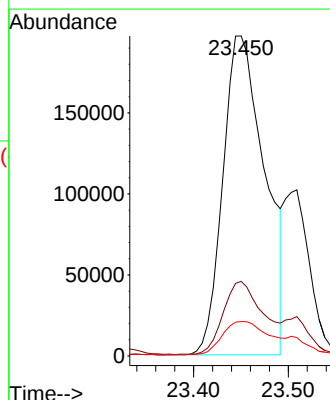
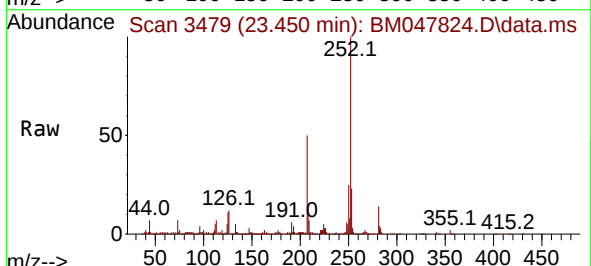
Tgt Ion:252 Resp: 607331

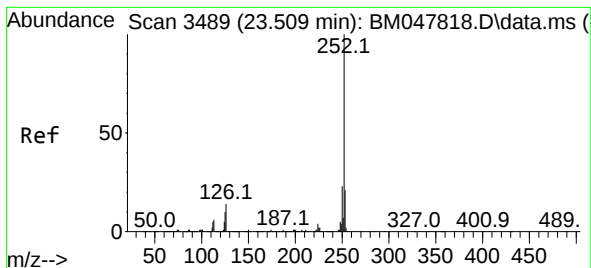
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 10.7 9.0 13.4





#91

Benzo(k)fluoranthene

Concen: 1.882 ng/ul m

RT: 23.509 min Scan# 3489

Delta R.T. -0.018 min

Lab File: BM047824.D

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ClientSampleId :

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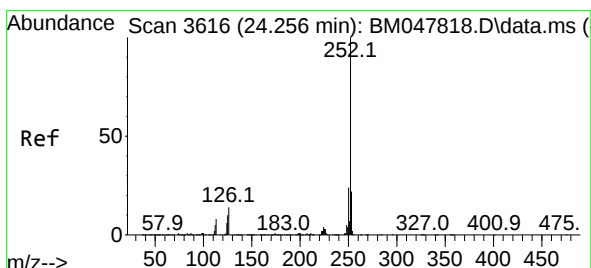
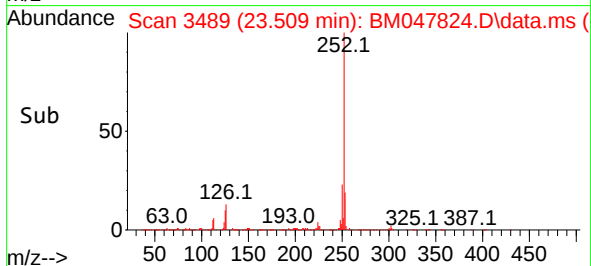
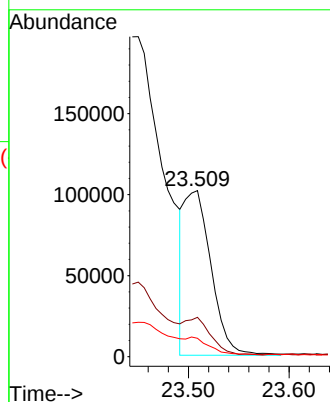
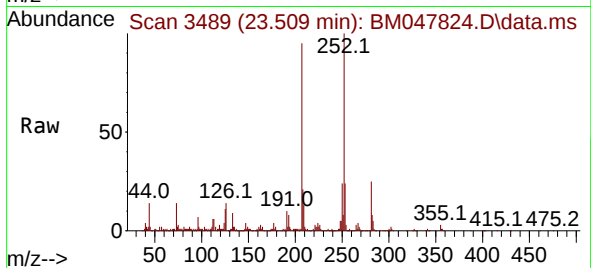
Tgt Ion:252 Resp: 18814

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	11.1	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/04/2024
Supervised By :mohammad ahmed 10/06/2024



#93

Benzo(a)pyrene

Concen: 3.291 ng/ul

RT: 24.256 min Scan# 3616

Delta R.T. -0.018 min

Lab File: BM047824.D

Acq: 04 Oct 2024 01:52

Tgt Ion:252 Resp: 305533

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	11.9	10.1	15.1

