

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045837.D
 Acq On : 05 Jun 2024 05:04
 Operator : MA/JU
 Sample : P2586-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D18

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

Quant Time: Jun 05 05:42:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	352741	20.000	ng/u1	0.00
20) Naphthalene-d8	10.233	136	1406457	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	783468	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1382520	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	1080266	20.000	ng/u1	0.00
88) Perylene-d12	23.785	264	1227429	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	34278	3.768	ng/uL	0.00
4) Pyridine-d5	3.481	84	114488	4.887	ng/u1	0.01
7) Phenol-d5	6.716	99	725656	24.216	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	525545	24.423	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	589159	26.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.233	113	535028	23.632	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	290592	26.426	ng/u1	0.00
24) 2-Nitrophenol-d4	9.339	143	306078	27.502	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	536935	25.727	ng/u1	0.00
31) 4-Chloroaniline-d4	10.422	131	262929	9.103	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1471412	27.128	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1684073	26.738	ng/u1	0.00
54) 4-Nitrophenol-d4	14.404	143	168200	14.369	ng/u1	0.00
60) Fluorene-d10	15.104	176	1206677	26.078	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	113808m	16.121	ng/u1	0.00
73) Anthracene-d10	16.951	188	1692061	28.153	ng/u1	0.00
81) Pyrene-d10	19.250	212	1667701	24.824	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.597	264	1169879	20.393	ng/u1	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	13.827	152	100276	1.376	ng/u1	99
72) Phenanthrene	16.892	178	817629	11.224	ng/u1	100
74) Anthracene	16.986	178	169907	2.335	ng/u1	98
77) Carbazole	17.274	167	85771	1.381	ng/u1	98
80) Fluoranthene	18.915	202	1627931	19.989	ng/u1	99
82) Pyrene	19.280	202	1353237	16.172	ng/u1	99
85) Benzo(a)anthracene	21.044	228	698169	9.360	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	20.997	149	118918	2.347	ng/u1	99
87) Chrysene	21.103	228	769977	11.159	ng/u1	97
90) Benzo(b)fluoranthene	22.933	252	969246	12.849	ng/u1#	97
91) Benzo(k)fluoranthene	22.985	252	364318m	4.945	ng/u1	
93) Benzo(a)pyrene	23.656	252	436164	6.580	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.779	276	376106	5.196	ng/u1	98
95) Dibenzo(a,h)anthracene	26.821	278	122627	2.142	ng/u1#	88

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

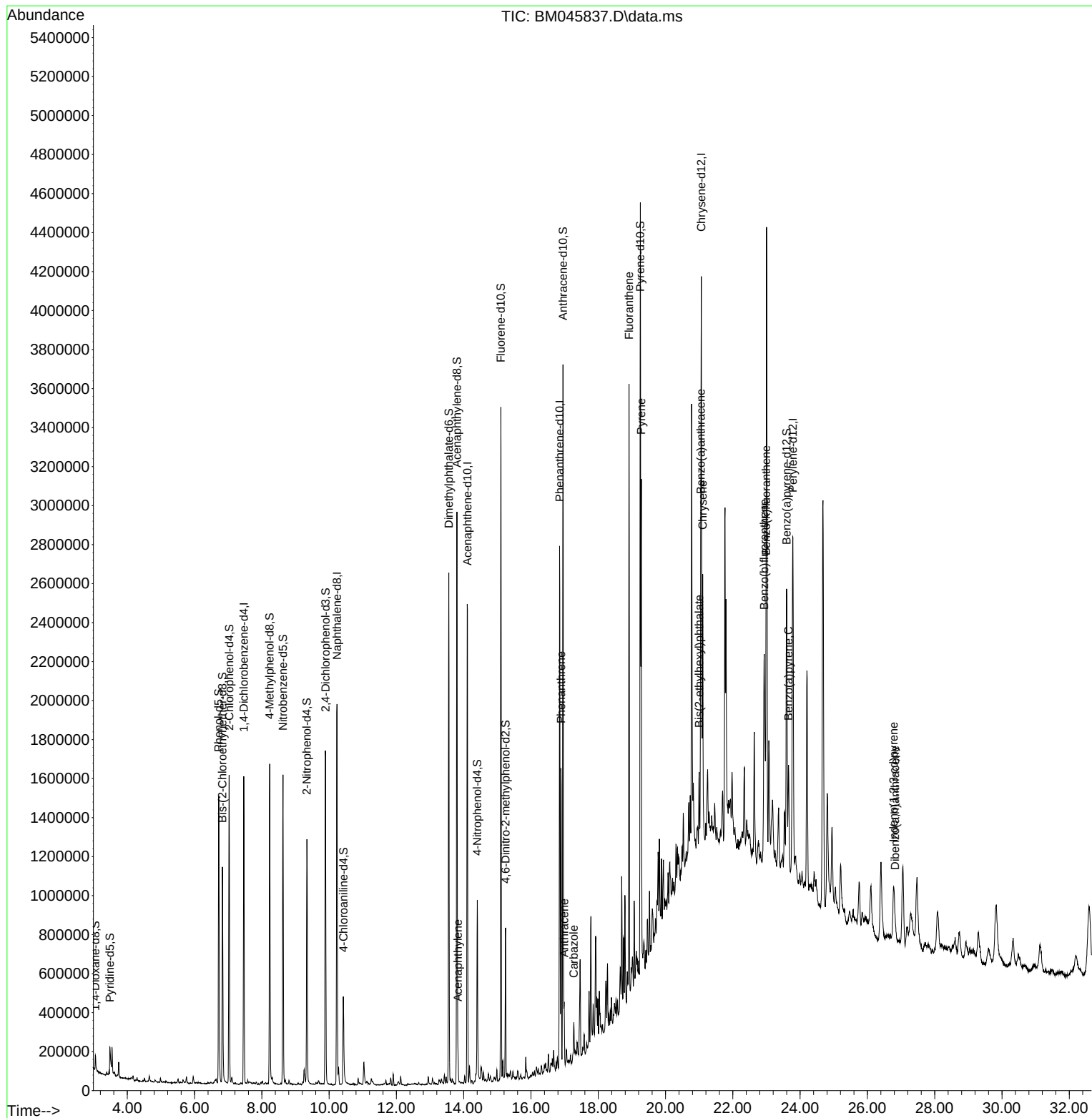
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045837.D
Acq On : 05 Jun 2024 05:04
Operator : MA/JU
Sample : P2586-05
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ALS Vial : 28 Sample Multiplier: 1

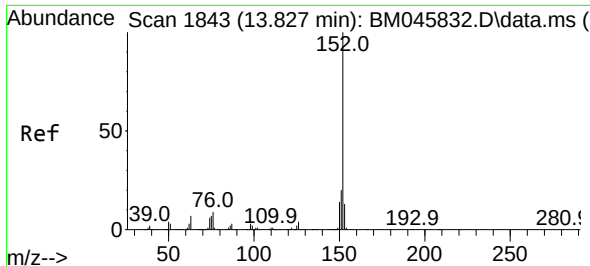
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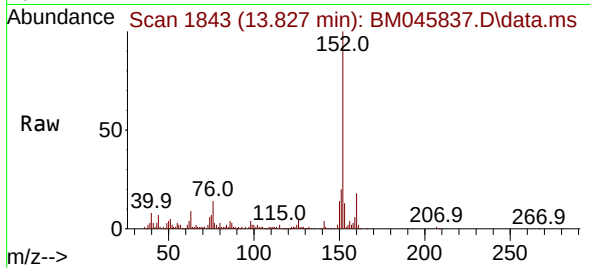
Quant Time: Jun 05 05:42:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration





#50
Acenaphthylene
Concen: 1.376 ng/ul
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM045837.D
Acq: 05 Jun 2024 05:04

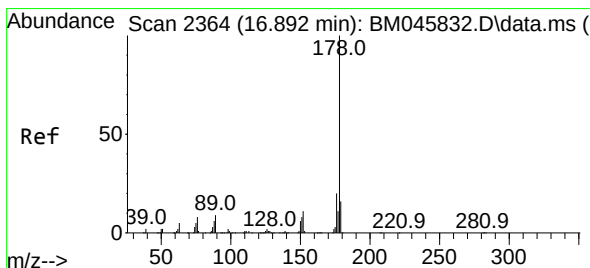
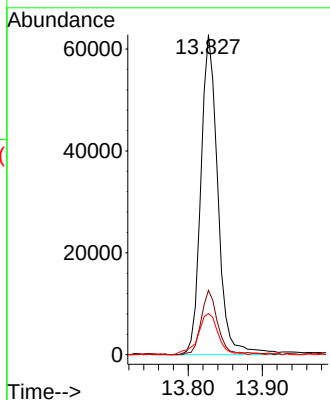
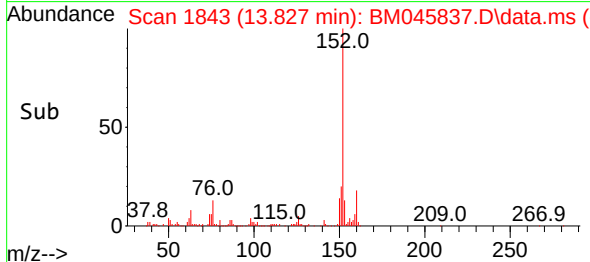
Instrument : BNA_M
ClientSampleId : A4D18



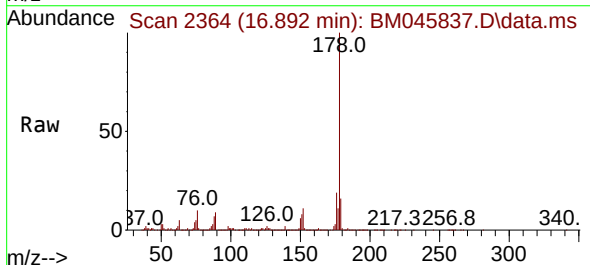
Tgt Ion:152 Resp: 100270
Ion Ratio Lower Upper
152 100
151 20.1 15.6 23.4
153 12.8 10.4 15.6

Manual Integrations
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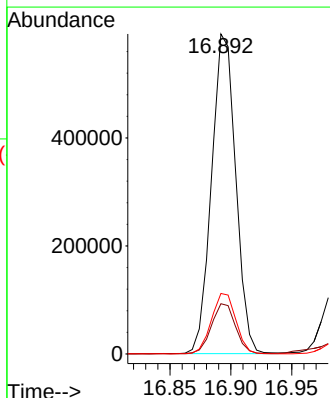
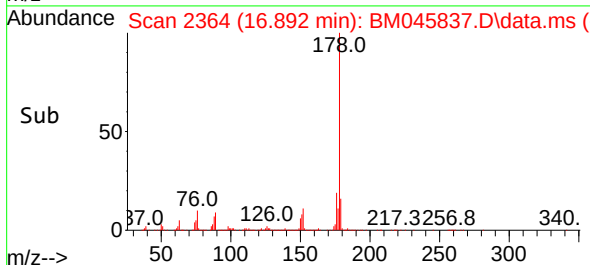
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

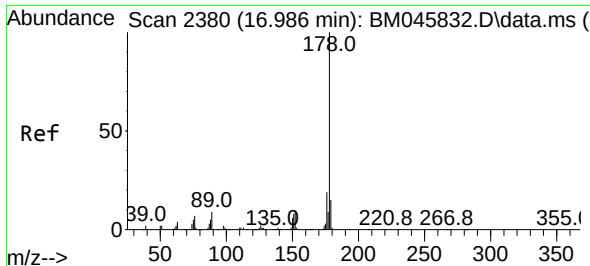


#72
Phenanthrene
Concen: 11.224 ng/ul
RT: 16.892 min Scan# 2364
Delta R.T. -0.006 min
Lab File: BM045837.D
Acq: 05 Jun 2024 05:04



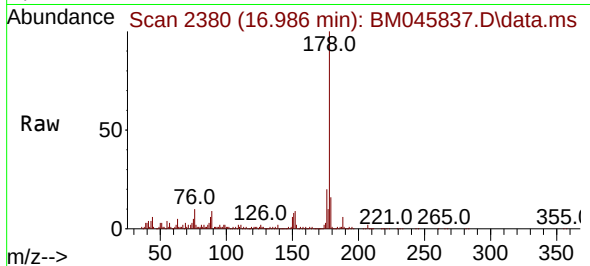
Tgt Ion:178 Resp: 817629
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 18.9 15.3 22.9





#74
 Anthracene
 Concen: 2.335 ng/ul
 RT: 16.986 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM045837.D
 Acq: 05 Jun 2024 05:04

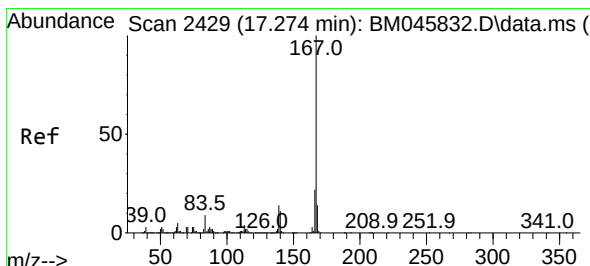
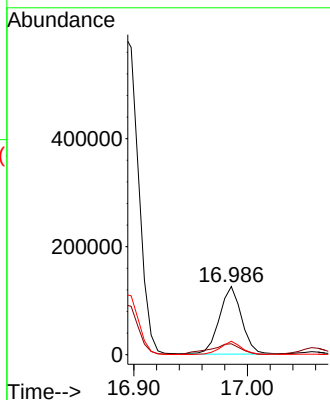
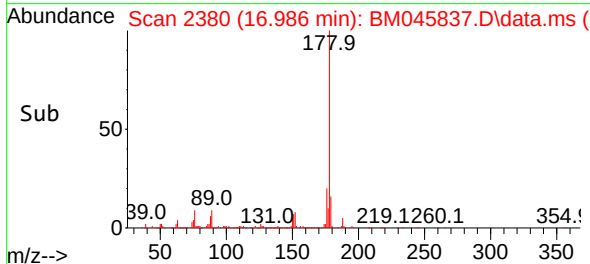
Instrument :
 BNA_M
 ClientSampleId :
 A4D18



Tgt Ion:178 Resp: 16990
 Ion Ratio Lower Upper
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 179 15.9 12.0 18.0
 176 19.7 15.0 22.6

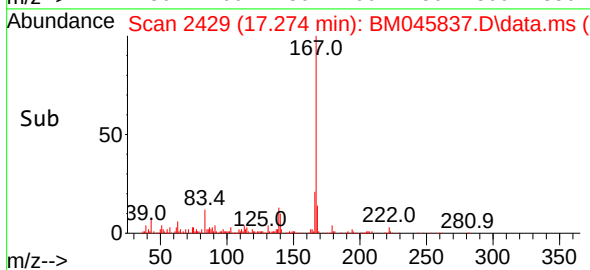
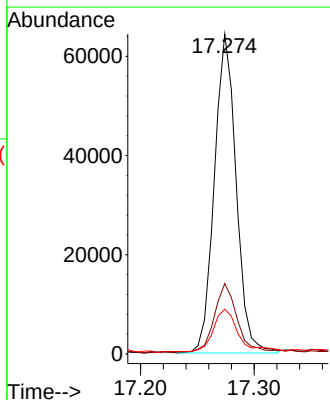
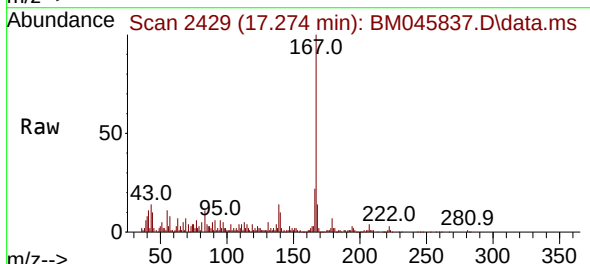
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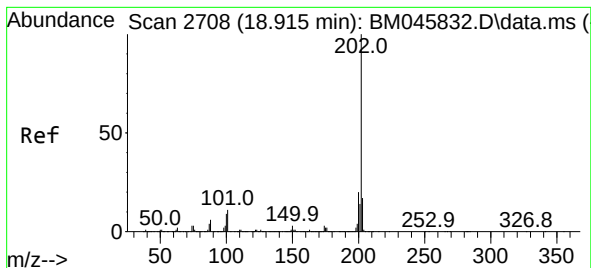
Reviewed By :Jagrut Upadhyay 06/05/2024
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#77
 Carbazole
 Concen: 1.381 ng/ul
 RT: 17.274 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BM045837.D
 Acq: 05 Jun 2024 05:04

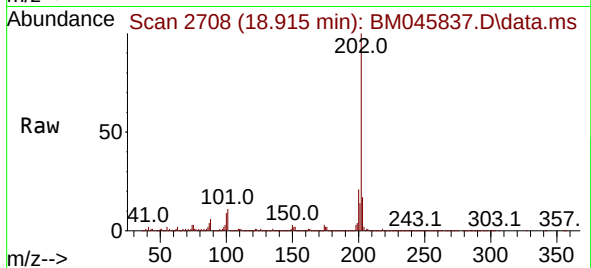
Tgt Ion:167 Resp: 85771
 Ion Ratio Lower Upper
 167 100
 166 22.0 16.6 24.8
 139 13.9 10.6 16.0





#80
Fluoranthene
Concen: 19.989 ng/ul
RT: 18.915 min Scan# 2708
Delta R.T. -0.006 min
Lab File: BM045837.D
Acq: 05 Jun 2024 05:04

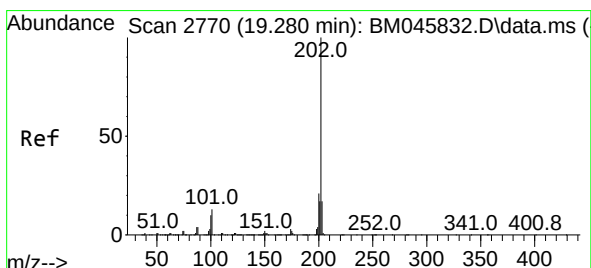
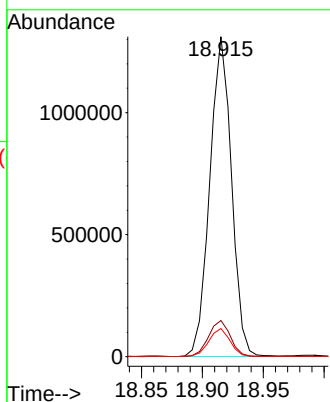
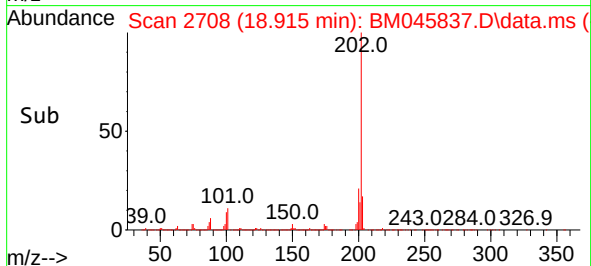
Instrument :
BNA_M
ClientSampleId :
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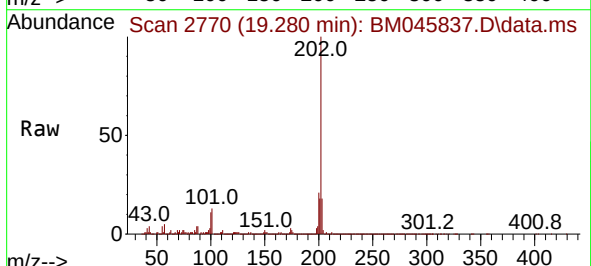
Tgt Ion:202 Resp: 162793
Ion Ratio Lower Upper
202 100
101 11.3 8.9 13.3
100 8.8 6.6 10.0

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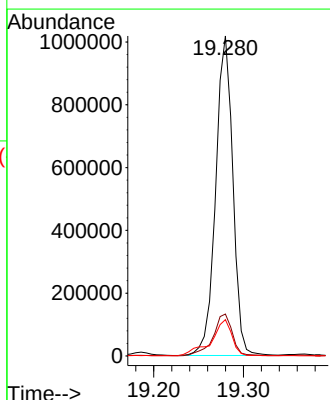
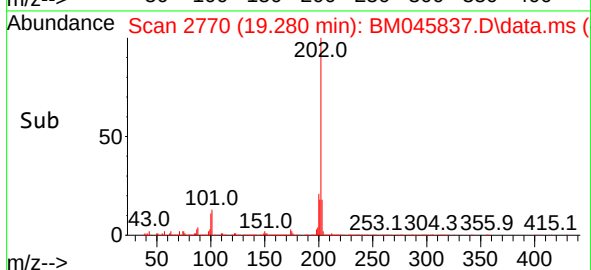
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

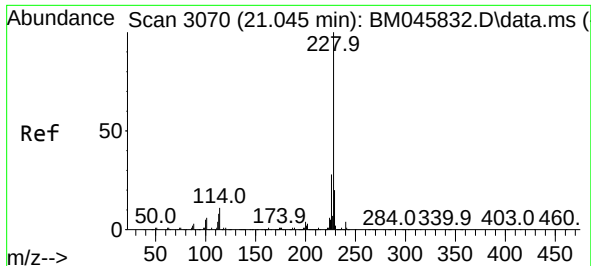


#82
Pyrene
Concen: 16.172 ng/ul
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM045837.D
Acq: 05 Jun 2024 05:04



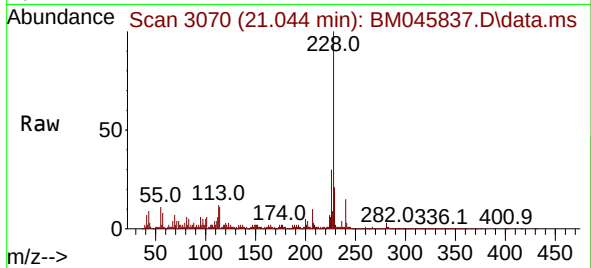
Tgt Ion:202 Resp: 1353237
Ion Ratio Lower Upper
202 100
101 13.1 10.5 15.7
100 11.4 8.6 12.8





#85
Benzo(a)anthracene
Concen: 9.360 ng/ul
RT: 21.044 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BM045837.D
Acq: 05 Jun 2024 05:04

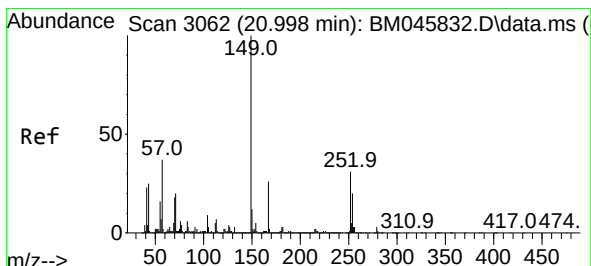
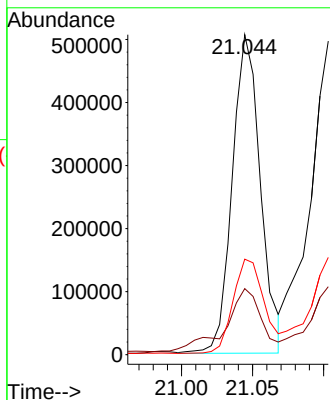
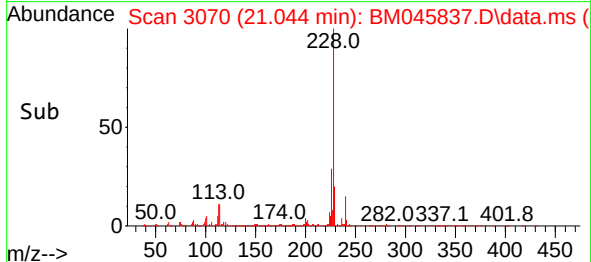
Instrument :
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ClientSampleId :
A4D18



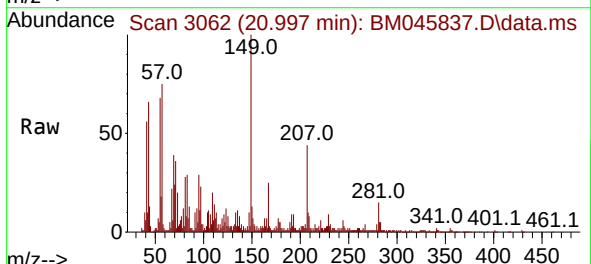
Tgt Ion:228 Resp: 69816
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.8
226 29.9 21.4 32.0

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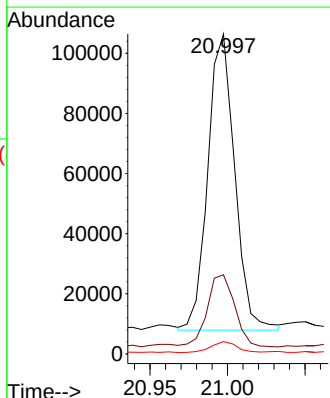
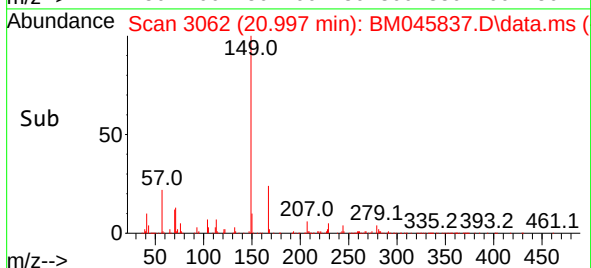
Reviewed By :Jagrut Upadhyay 06/05/2024
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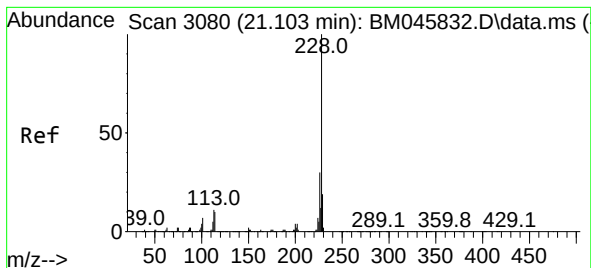


#86
Bis(2-ethylhexyl)phthalate
Concen: 2.347 ng/ul
RT: 20.997 min Scan# 3062
Delta R.T. -0.012 min
Lab File: BM045837.D
Acq: 05 Jun 2024 05:04



Tgt Ion:149 Resp: 118918
Ion Ratio Lower Upper
149 100
167 24.8 20.4 30.6
279 3.8 3.1 4.7





#87

Chrysene

Concen: 11.159 ng/ul

RT: 21.103 min Scan# 3080

Delta R.T. -0.006 min

Lab File: BM045837.D

Acq: 05 Jun 2024 05:04

Instrument :

BNA_M

ClientSampleId :

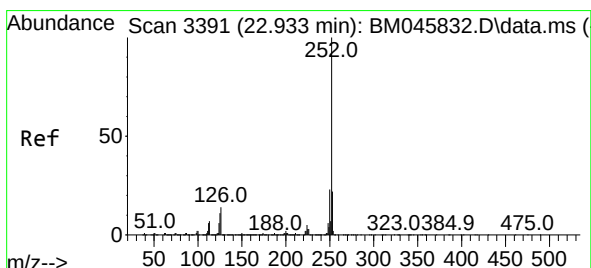
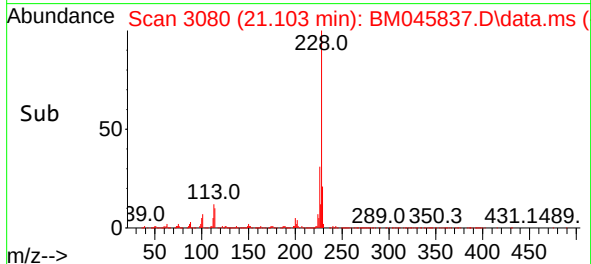
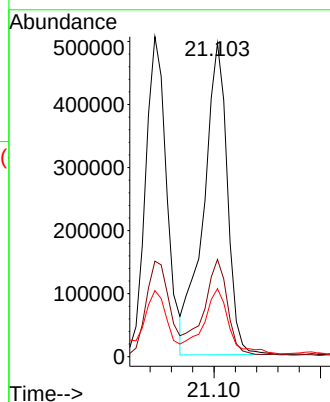
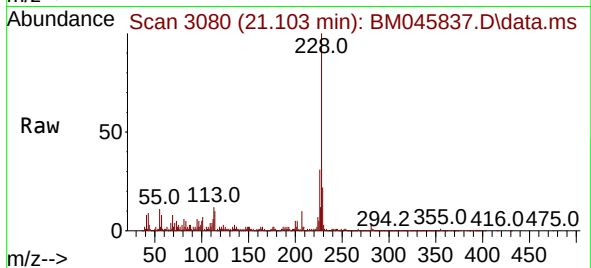
A4D18

Tgt Ion:228 Resp: 769977
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.2 36.2
 229 21.7 15.2 22.8

Manual Integrations

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#90

Benzo(b)fluoranthene

Concen: 12.849 ng/ul

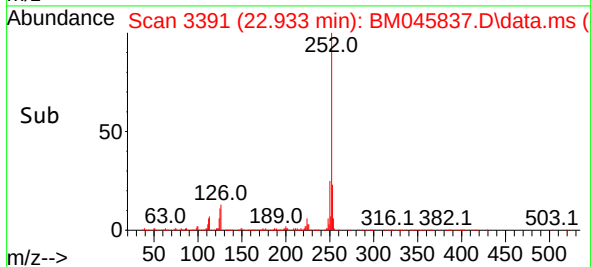
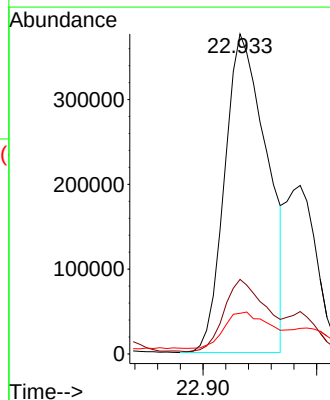
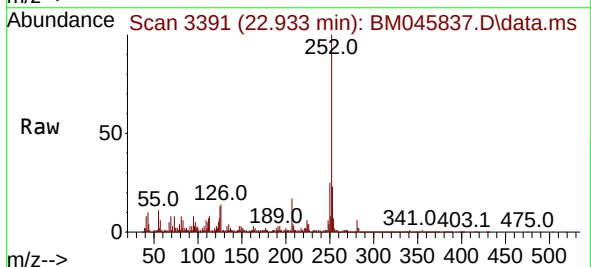
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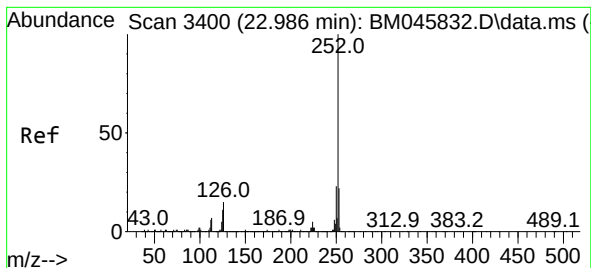
Delta R.T. -0.006 min

Lab File: BM045837.D

Acq: 05 Jun 2024 05:04

Tgt Ion:252 Resp: 969246
 Ion Ratio Lower Upper
 252 100
 253 23.3 17.8 26.6
 125 12.7 8.4 12.6#





#91

Benzo(k)fluoranthene

Concen: 4.945 ng/ul m

RT: 22.985 min Scan# 3400

Delta R.T. -0.012 min

Lab File: BM045837.D

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A4D18

Tgt Ion:252 Resp: 364318

Ion Ratio Lower Upper

252 100

253 25.1 16.8 25.2

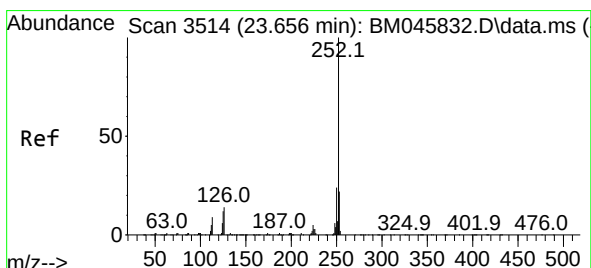
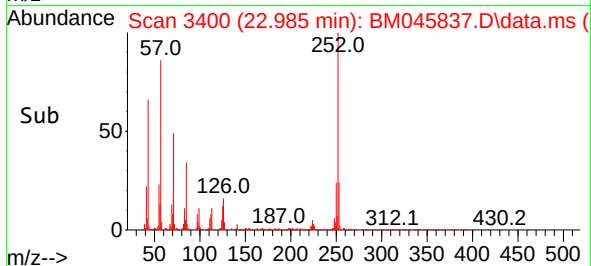
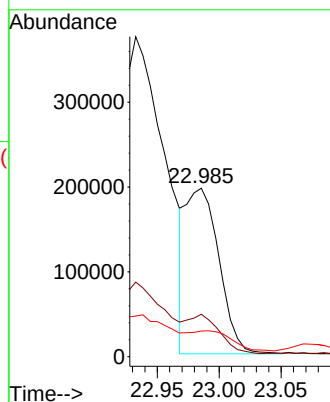
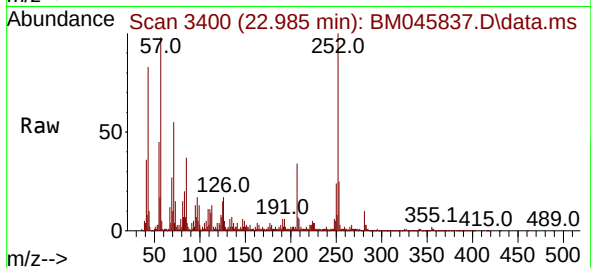
125 15.2 8.2 12.4

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 6.580 ng/ul

RT: 23.656 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BM045837.D

Acq: 05 Jun 2024 05:04

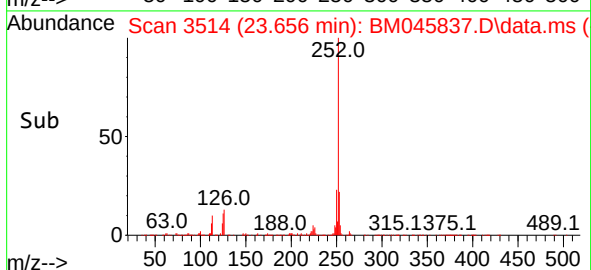
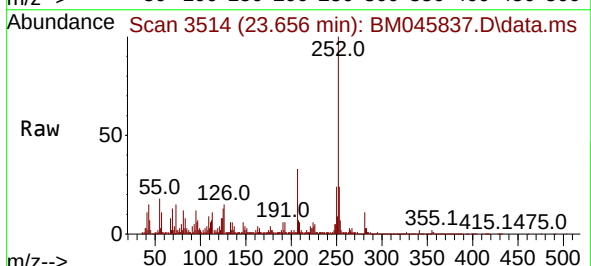
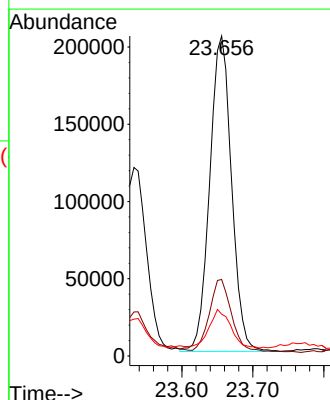
Tgt Ion:252 Resp: 436164

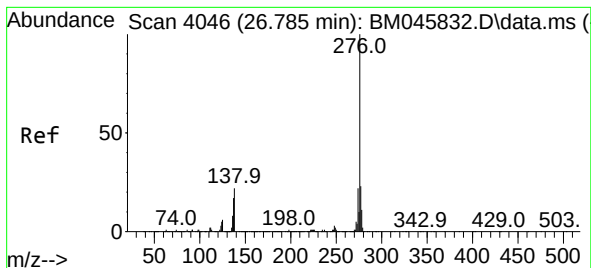
Ion Ratio Lower Upper

252 100

253 23.9 17.5 26.3

125 13.1 9.3 13.9





#94

Indeno(1,2,3-cd)pyrene

Concen: 5.196 ng/ul

RT: 26.779 min Scan# 4046

Delta R.T. -0.012 min

Lab File: BM045837.D

Acq: 05 Jun 2024 05:04

Instrument :

BNA_M

ClientSampleId :

A4D18

Tgt Ion:276 Resp: 376100

Ion Ratio Lower Upper

276 100

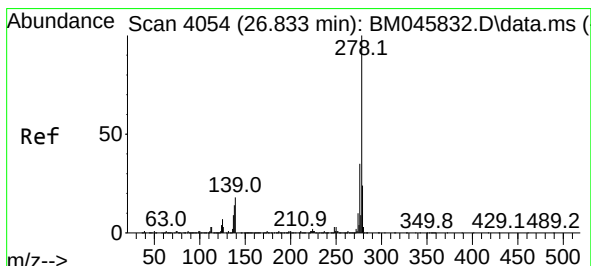
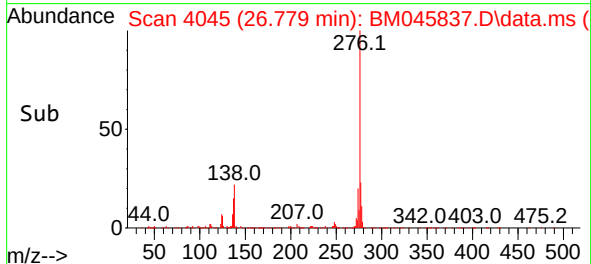
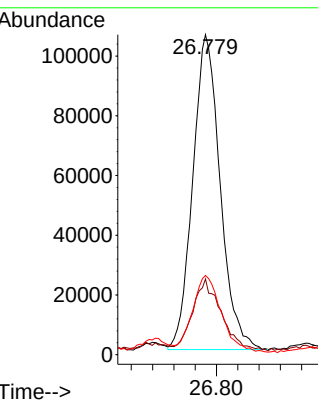
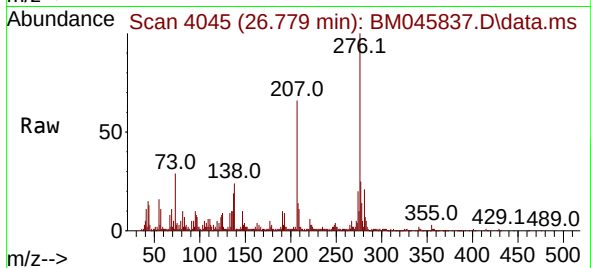
138 23.7 17.9 26.9

277 24.7 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#95

Dibenzo(a,h)anthracene

Concen: 2.142 ng/ul

RT: 26.821 min Scan# 4052

Delta R.T. -0.018 min

Lab File: BM045837.D

Acq: 05 Jun 2024 05:04

Tgt Ion:278 Resp: 122627

Ion Ratio Lower Upper

278 100

139 21.0 13.2 19.8#

279 30.1 19.1 28.7#

