

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045840.D
 Acq On : 05 Jun 2024 07:02
 Operator : MA/JU
 Sample : P2586-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C28

Manual Integrations
 APPROVED

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

Quant Time: Jun 05 07:39:47 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	287346	20.000	ng/u1	0.00
20) Naphthalene-d8	10.234	136	1177923	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.110	164	681038	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.851	188	1164817	20.000	ng/u1	0.00
79) Chrysene-d12	21.062	240	799076	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	903594	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26148	3.528	ng/uL	0.00
4) Pyridine-d5	3.469	84	253123	13.264	ng/u1	0.00
7) Phenol-d5	6.722	99	561191	22.989	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	384819	21.954	ng/u1	0.00
11) 2-Chlorophenol-d4	7.028	132	441865	24.233	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	452564	24.539	ng/u1	0.00
21) Nitrobenzene-d5	8.628	128	223667	24.286	ng/u1	0.00
24) 2-Nitrophenol-d4	9.340	143	239748	25.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	425529	24.345	ng/u1	0.00
31) 4-Chloroaniline-d4	10.416	131	496598	20.528	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1219783	25.871	ng/u1	0.00
49) Acenaphthylene-d8	13.798	160	1390236	25.393	ng/u1	0.00
54) 4-Nitrophenol-d4	14.410	143	144292	14.181	ng/u1	0.00
60) Fluorene-d10	15.104	176	981576	24.404	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	76546	12.869	ng/u1	0.00
73) Anthracene-d10	16.951	188	1270377	25.088	ng/u1	0.00
81) Pyrene-d10	19.251	212	1249832	25.151	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	1055621	24.996	ng/u1	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.640	77	25543	2.225	ng/u1	99
72) Phenanthrene	16.892	178	169247	2.758	ng/u1	100
80) Fluoranthene	18.915	202	369735	6.137	ng/u1	98
82) Pyrene	19.280	202	318897	5.152	ng/u1	100
85) Benzo(a)anthracene	21.045	228	206387	3.741	ng/u1	98
87) Chrysene	21.103	228	207481	4.065	ng/u1	96
90) Benzo(b)fluoranthene	22.933	252	319316	5.750	ng/u1#	96
91) Benzo(k)fluoranthene	22.986	252	119349m	2.200	ng/u1	
93) Benzo(a)pyrene	23.656	252	203822	4.177	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.780	276	161495	3.031	ng/u1	98
95) Dibenzo(a,h)anthracene	26.815	278	60396m	1.433	ng/u1	
96) Benzo(g,h,i)perylene	27.709	276	158056	3.368	ng/u1	99

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

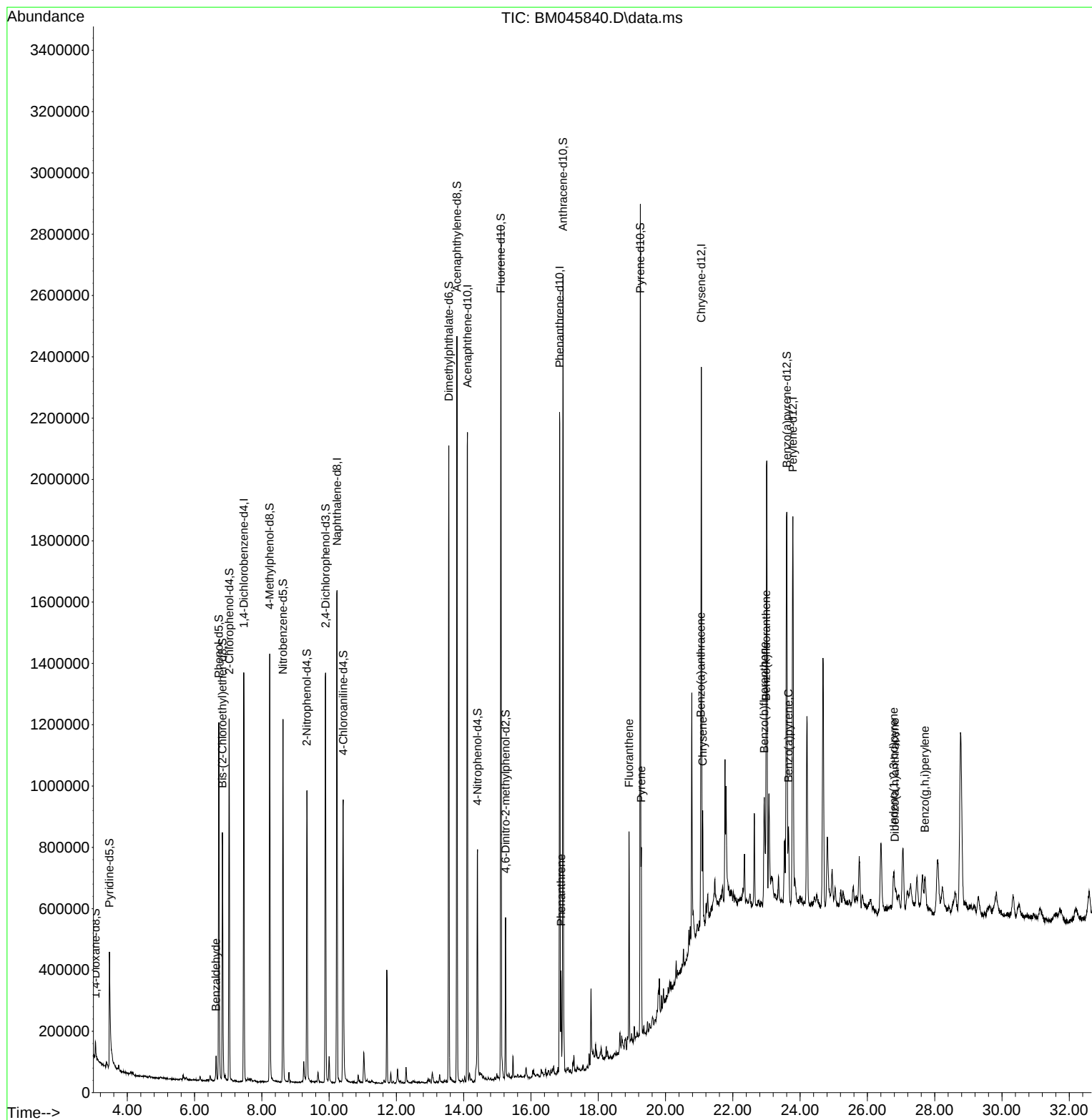
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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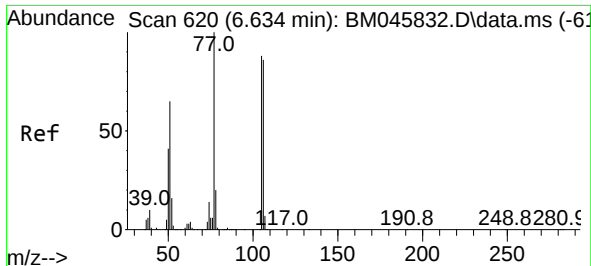
Instrument :
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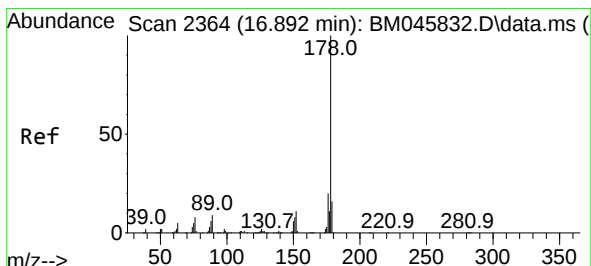
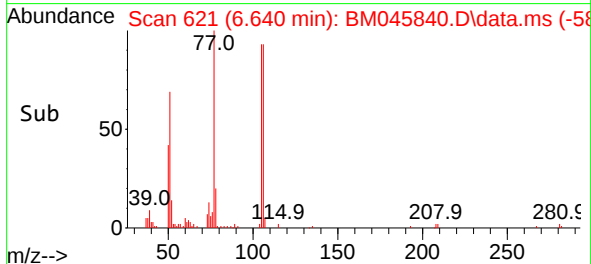
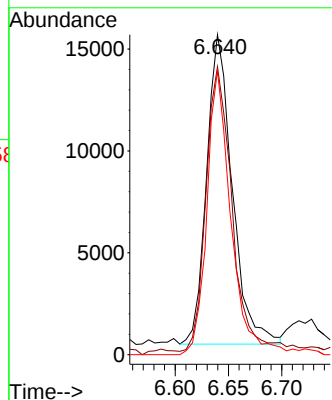
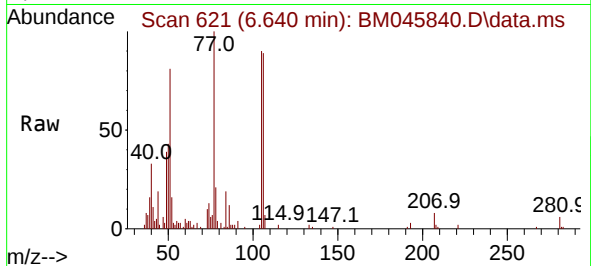
#6
Benzaldehyde
Concen: 2.225 ng/ul
RT: 6.640 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045840.D
Acq: 05 Jun 2024 07:02

Instrument :
BNA_M
ClientSampleId :
A4C28

Tgt Ion: 77 Resp: 2554
Ion Ratio Lower Upper
77 100
105 90.0 72.7 109.1
106 88.8 70.8 106.2

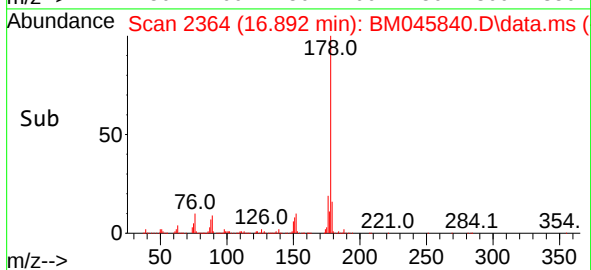
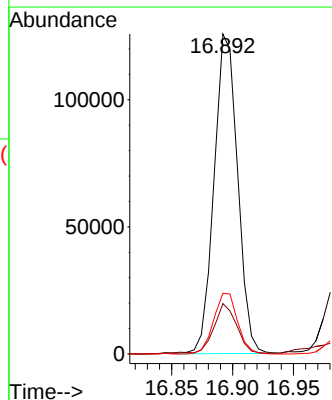
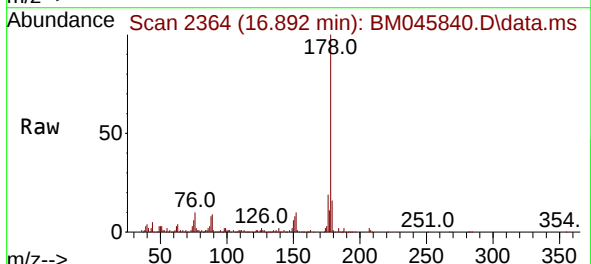
Manual Integrations
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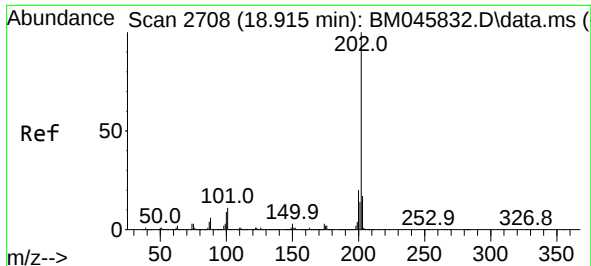
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#72
Phenanthrene
Concen: 2.758 ng/ul
RT: 16.892 min Scan# 2364
Delta R.T. -0.006 min
Lab File: BM045840.D
Acq: 05 Jun 2024 07:02

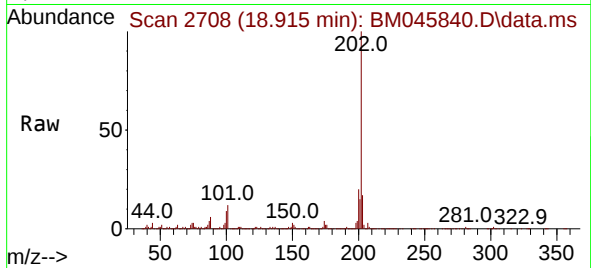
Tgt Ion:178 Resp: 169247
Ion Ratio Lower Upper
178 100
179 15.7 12.4 18.6
176 19.0 15.3 22.9





#80
Fluoranthene
Concen: 6.137 ng/u1
RT: 18.915 min Scan# 2708
Delta R.T. -0.006 min
Lab File: BM045840.D
Acq: 05 Jun 2024 07:02

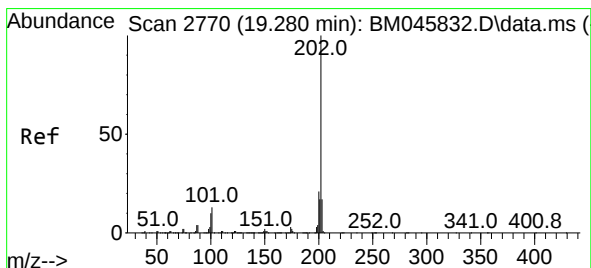
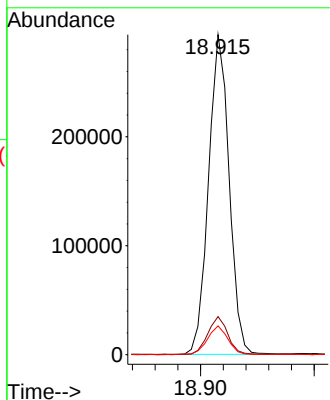
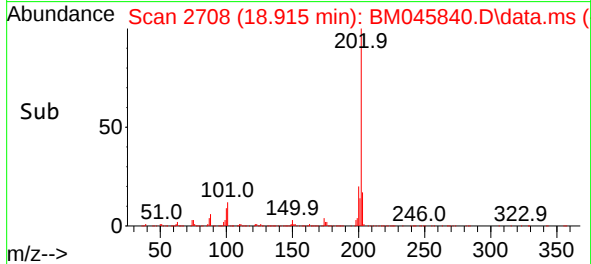
Instrument :
BNA_M
ClientSampleId :
A4C28



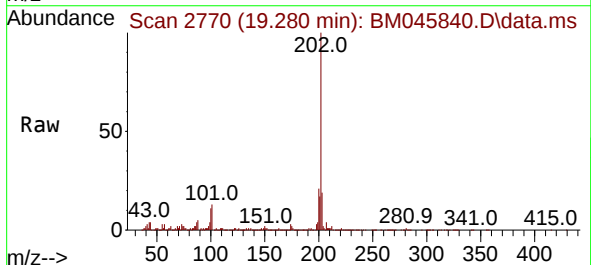
Tgt Ion:202 Resp: 369735
Ion Ratio Lower Upper
202 100
101 11.9 8.9 13.3
100 9.0 6.6 10.0

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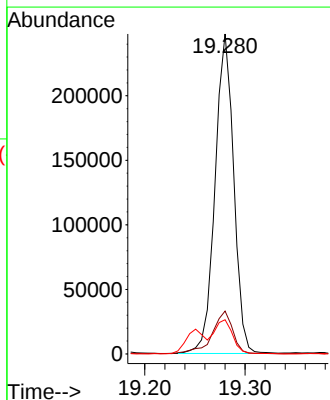
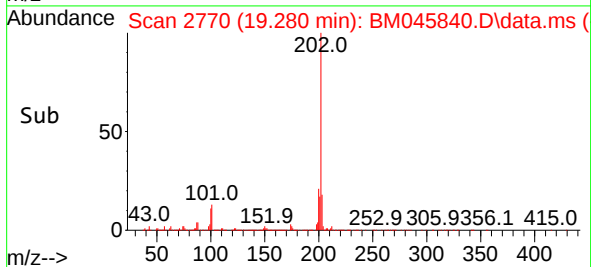
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024

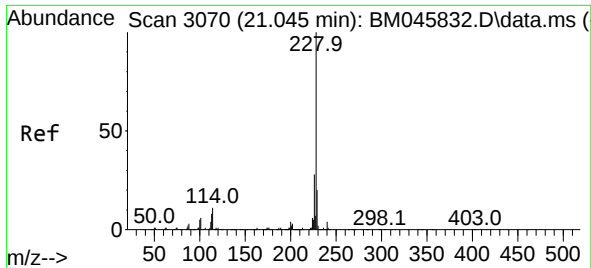


#82
Pyrene
Concen: 5.152 ng/u1
RT: 19.280 min Scan# 2770
Delta R.T. -0.006 min
Lab File: BM045840.D
Acq: 05 Jun 2024 07:02



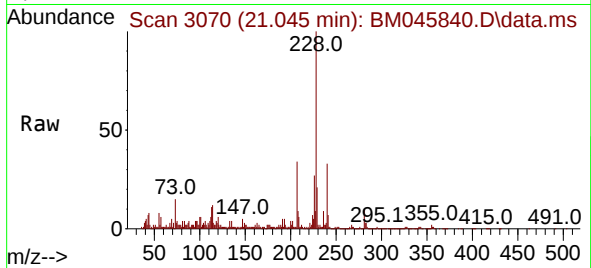
Tgt Ion:202 Resp: 318897
Ion Ratio Lower Upper
202 100
101 13.4 10.5 15.7
100 10.7 8.6 12.8





#85
Benzo(a)anthracene
Concen: 3.741 ng/u1
RT: 21.045 min Scan# 3070
Delta R.T. -0.006 min
Lab File: BM045840.D
Acq: 05 Jun 2024 07:02

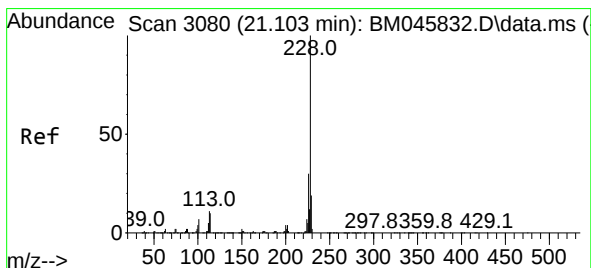
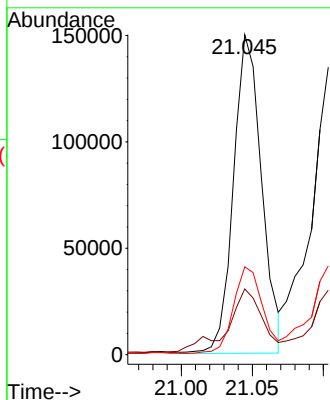
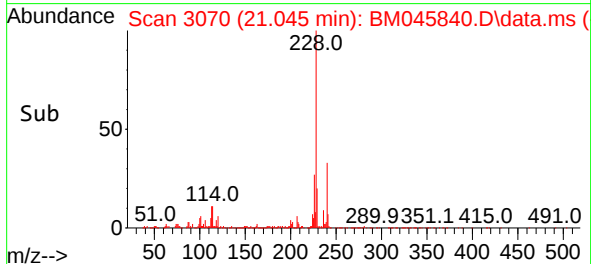
Instrument :
BNA_M
ClientSampleId :
A4C28



Tgt Ion:228 Resp: 20638
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 27.5 21.4 32.0

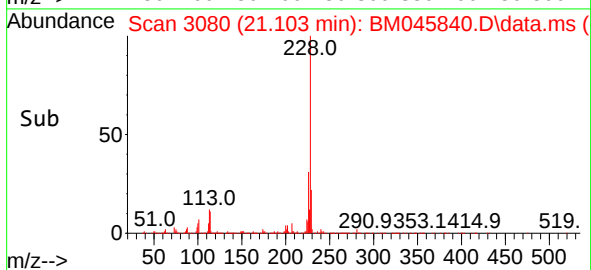
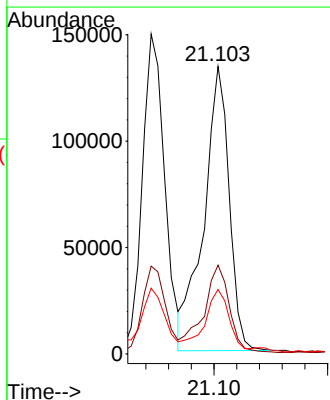
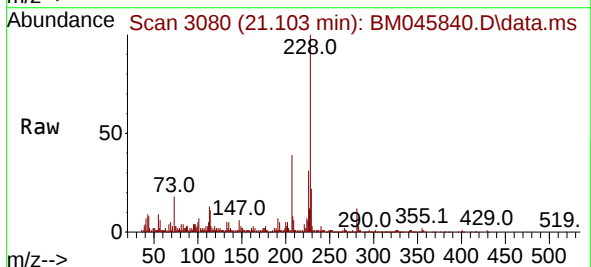
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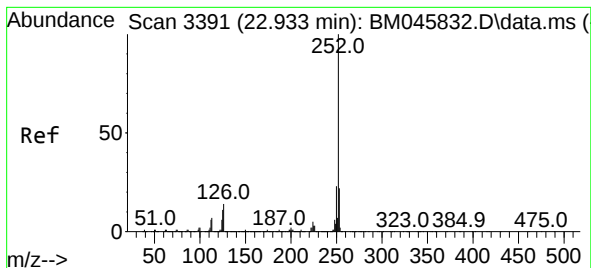
Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024



#87
Chrysene
Concen: 4.065 ng/u1
RT: 21.103 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM045840.D
Acq: 05 Jun 2024 07:02

Tgt Ion:228 Resp: 207481
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 22.4 15.2 22.8





#90

Benzo(b)fluoranthene

Concen: 5.750 ng/ul

RT: 22.933 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM045840.D

Acq: 05 Jun 2024 07:02

Instrument :

BNA_M

ClientSampleId :

A4C28

Tgt Ion:252 Resp: 319310

Ion Ratio Lower Upper

252 100

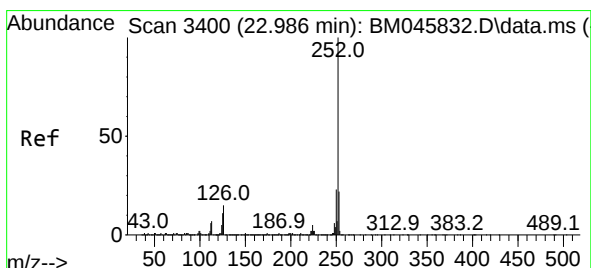
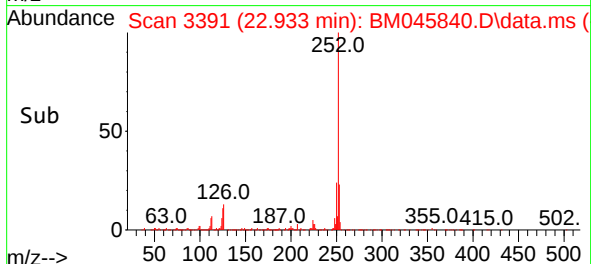
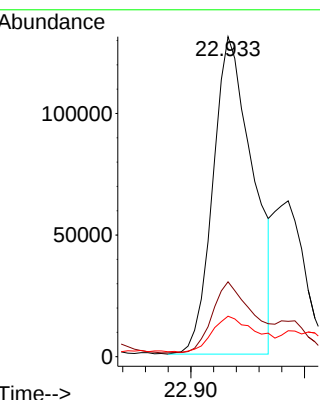
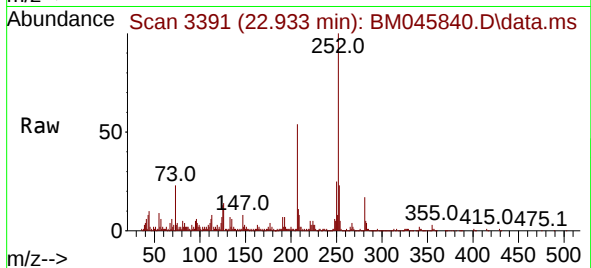
253 23.4 17.8 26.6

125 12.7 8.4 12.6

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.200 ng/ul m

RT: 22.986 min Scan# 3400

Delta R.T. -0.012 min

Lab File: BM045840.D

Acq: 05 Jun 2024 07:02

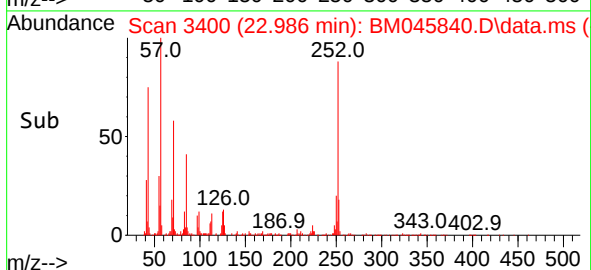
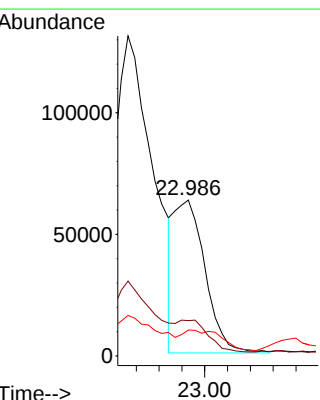
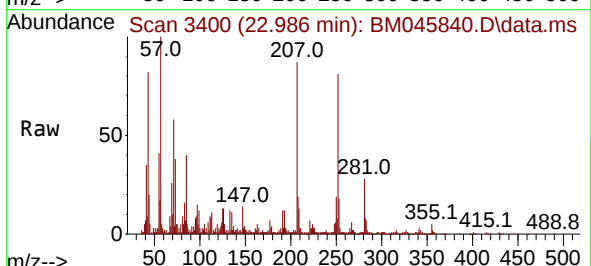
Tgt Ion:252 Resp: 119349

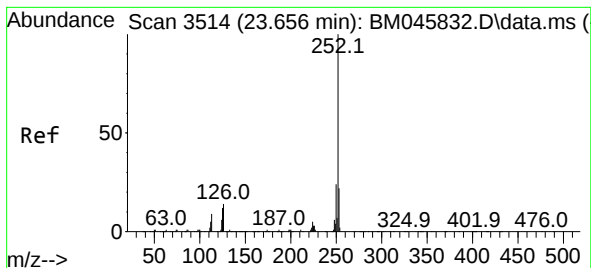
Ion Ratio Lower Upper

252 100

253 22.7 16.8 25.2

125 16.7 8.2 12.4





#93

Benzo(a)pyrene

Concen: 4.177 ng/ul

RT: 23.656 min Scan# 3514

Delta R.T. -0.006 min

Lab File: BM045840.D

Acq: 05 Jun 2024 07:02

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BNA_M

ClientSampleId :

A4C28

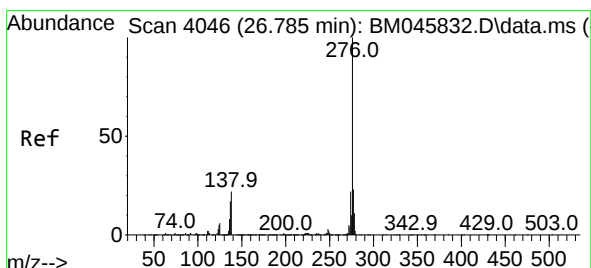
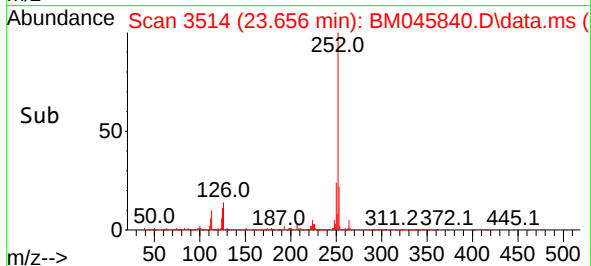
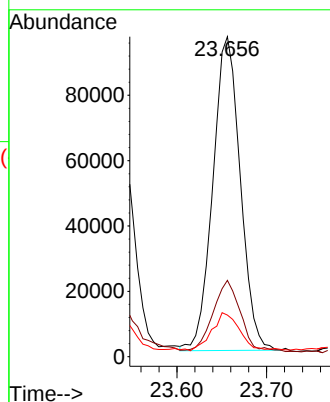
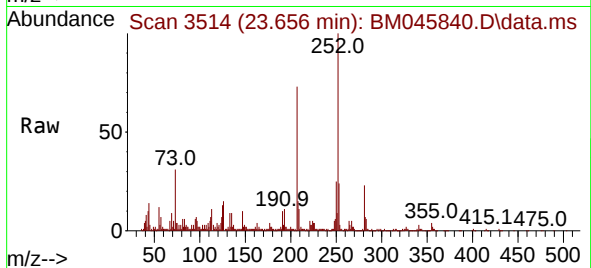
Tgt Ion:252 Resp: 20382

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	13.0	9.3	13.9

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#94

Indeno(1,2,3-cd)pyrene

Concen: 3.031 ng/ul

RT: 26.780 min Scan# 4045

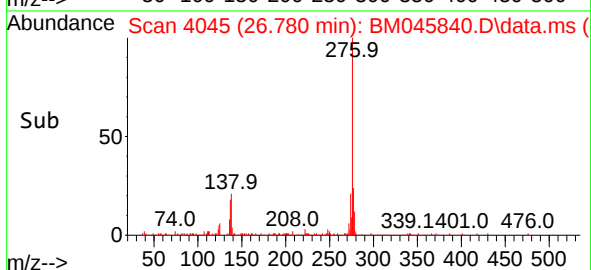
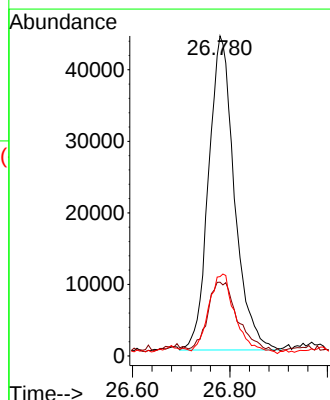
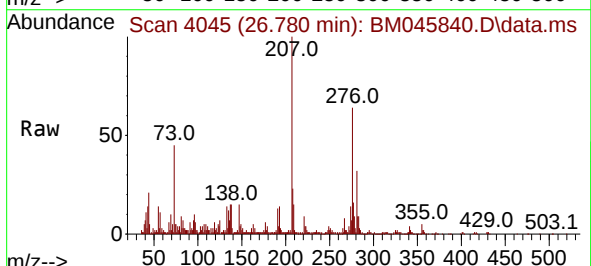
Delta R.T. -0.012 min

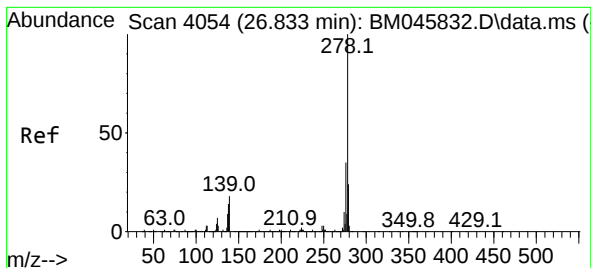
Lab File: BM045840.D

Acq: 05 Jun 2024 07:02

Tgt Ion:276 Resp: 161495

Ion	Ratio	Lower	Upper
276	100		
138	23.1	17.9	26.9
277	24.8	19.0	28.6





#95

Dibenzo(a,h)anthracene

Concen: 1.433 ng/ul m

RT: 26.815 min Scan# 4051

Delta R.T. -0.023 min

Lab File: BM045840.D

Acq: 05 Jun 2024 07:02

Instrument :

BNM

ClientSampleId :

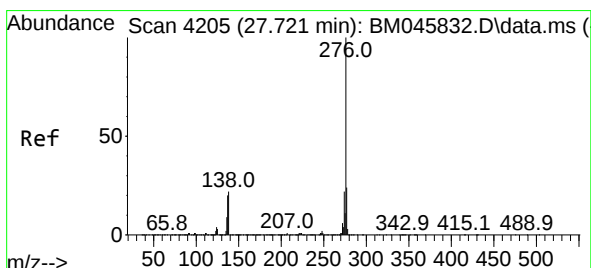
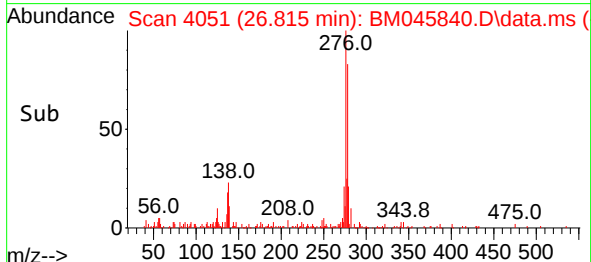
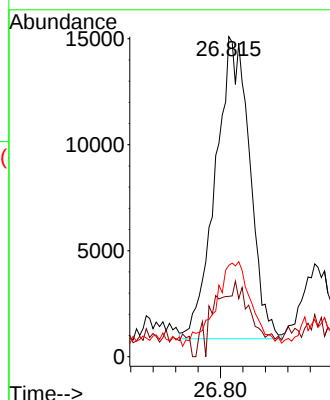
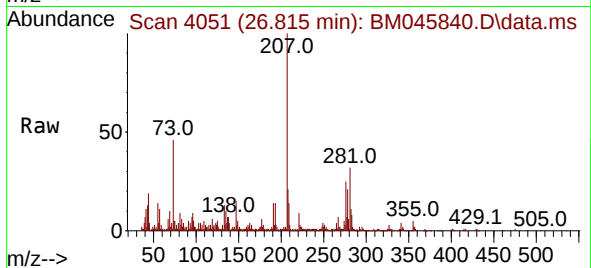
A4C28

Tgt Ion:278 Resp: 60390
Ion Ratio Lower Upper
278 100
139 18.8 13.2 19.8
279 28.5 19.1 28.7

Manual Integrations

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Supervised By :mohammad ahmed 06/07/2024



#96

Benzo(g,h,i)perylene

Concen: 3.368 ng/ul

RT: 27.709 min Scan# 4203

Delta R.T. -0.018 min

Lab File: BM045840.D

Acq: 05 Jun 2024 07:02

Tgt Ion:276 Resp: 158056
Ion Ratio Lower Upper
276 100
138 23.5 18.6 27.8
277 24.5 18.7 28.1

