

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047103.D
 Acq On : 09 Aug 2024 02:50
 Operator : RC/JU
 Sample : P3434-13
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E05Z4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 04:01:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.387	152	255414	20.000	ng/u1	0.00
20) Naphthalene-d8	10.139	136	997752	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	621775	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1273976	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1092200	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1266381	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	8861	1.374	ng/uL	0.00
4) Pyridine-d5	3.416	84	19588	1.114	ng/u1	0.01
7) Phenol-d5	6.593	99	180615	9.309	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.745	67	116751	9.145	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	147109	8.951	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	132396	8.614	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	68794	8.592	ng/u1	0.00
24) 2-Nitrophenol-d4	9.245	143	72860	8.333	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.781	165	140190	8.351	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	112467	5.098	ng/u1	0.00
46) Dimethylphthalate-d6	13.469	166	409360	8.611	ng/u1	0.00
49) Acenaphthylene-d8	13.727	160	481982	9.082	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	47873	5.208	ng/u1	0.00
60) Fluorene-d10	15.045	176	371725	9.140	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	32401	4.026	ng/u1	0.00
73) Anthracene-d10	16.898	188	558978	9.255	ng/u1	0.00
81) Pyrene-d10	19.209	212	519017	8.301	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	375638	5.633	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.622	94	27306	1.397	ng/u1	95
16) Acetophenone	8.204	105	105387	4.356	ng/u1	99
72) Phenanthrene	16.839	178	709281	9.932	ng/u1	99
74) Anthracene	16.933	178	277665	3.855	ng/u1	99
80) Fluoranthene	18.874	202	2386539	31.940	ng/u1	99
82) Pyrene	19.239	202	1613559	20.266	ng/u1#	96
85) Benzo(a)anthracene	21.021	228	1488463	18.660	ng/u1	98
87) Chrysene	21.074	228	1328065	17.457	ng/u1	98
90) Benzo(b)fluoranthene	22.897	252	2113911	26.986	ng/u1	97
91) Benzo(k)fluoranthene	22.944	252	815311	10.532	ng/u1	96
93) Benzo(a)pyrene	23.609	252	797573	10.929	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.727	276	807290	8.634	ng/u1	97
95) Dibenzo(a,h)anthracene	26.762	278	286301	3.812	ng/u1	95
96) Benzo(g,h,i)perylene	27.650	276	124231m	1.682	ng/u1	

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

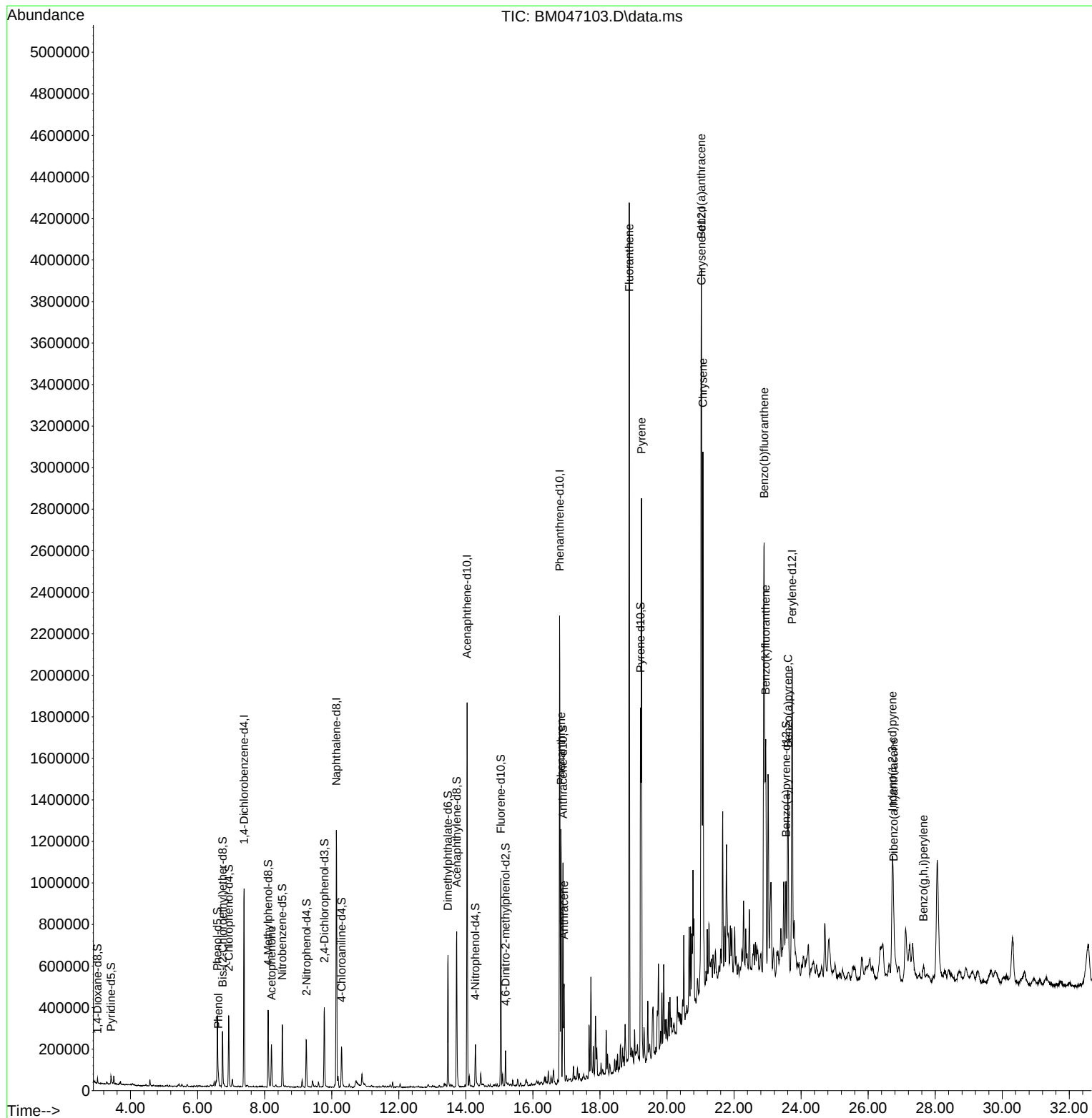
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047103.D
Acq On : 09 Aug 2024 02:50
Operator : RC/JU
Sample : P3434-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

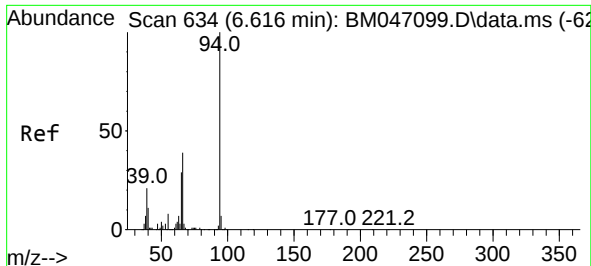
Instrument :
BNA_M
ClientSampleId :
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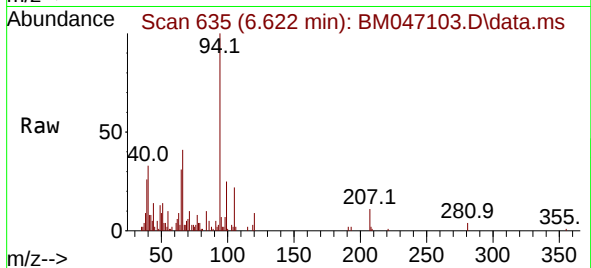
Quant Time: Aug 09 04:01:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration





#8
Phenol
Concen: 1.397 ng/ul
RT: 6.622 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

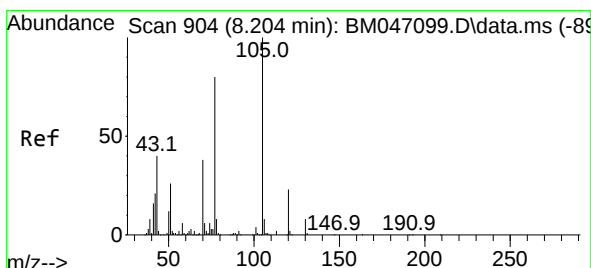
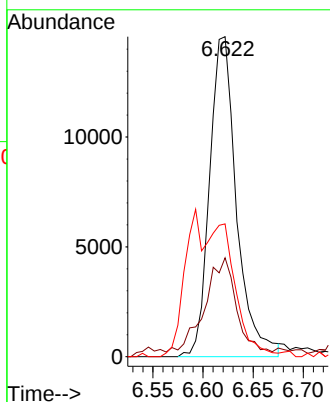
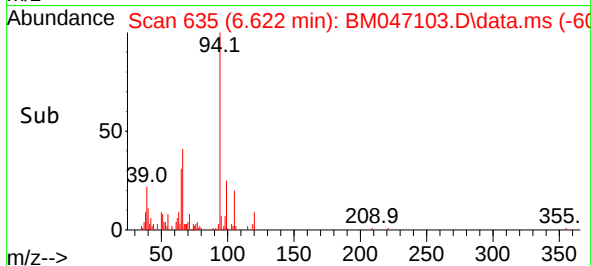
Instrument :
BNA_M
ClientSampleId :
E05Z4



Tgt Ion: 94 Resp: 27300
Ion Ratio Lower Upper
94 100
65 30.9 25.1 37.7
66 41.5 37.7 56.5

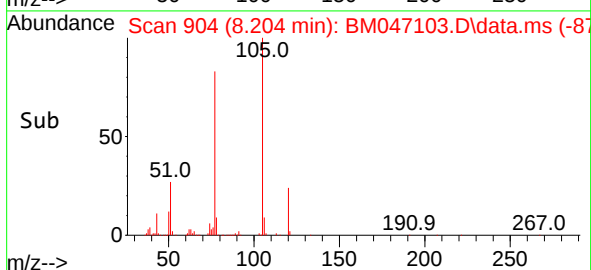
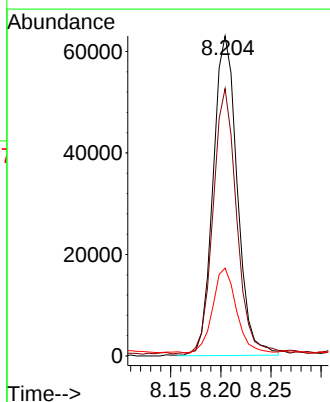
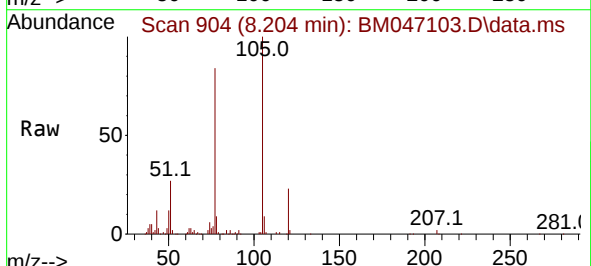
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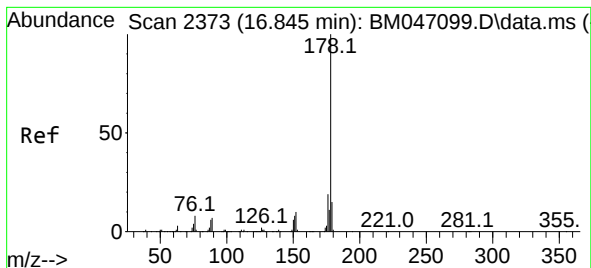
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#16
Acetophenone
Concen: 4.356 ng/ul
RT: 8.204 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

Tgt Ion:105 Resp: 105387
Ion Ratio Lower Upper
105 100
77 83.6 66.1 99.1
51 27.4 23.0 34.4





#72

Phenanthrene

Concen: 9.932 ng/u1

RT: 16.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047103.D

Acq: 09 Aug 2024 02:50

Instrument :

BNA_M

ClientSampleId :

E05Z4

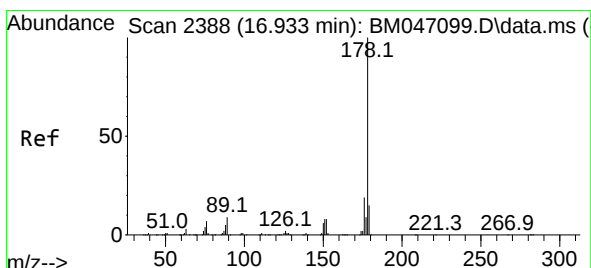
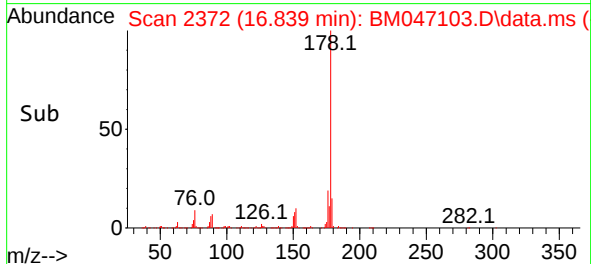
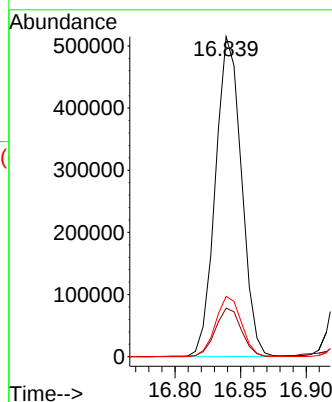
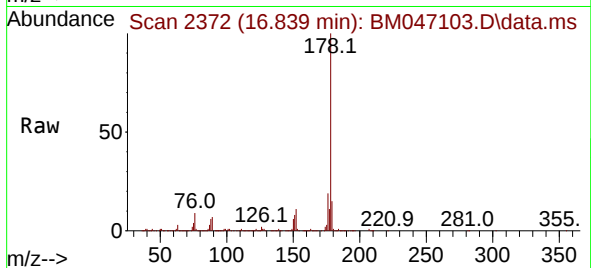
Tgt Ion:178 Resp: 70928

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.9	15.3	22.9

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#74

Anthracene

Concen: 3.855 ng/u1

RT: 16.933 min Scan# 2388

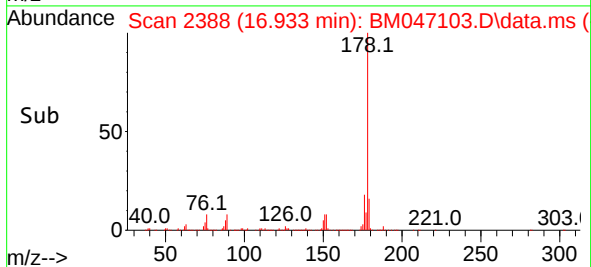
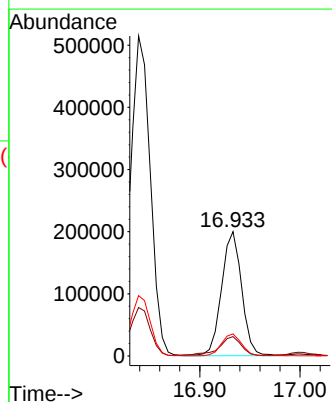
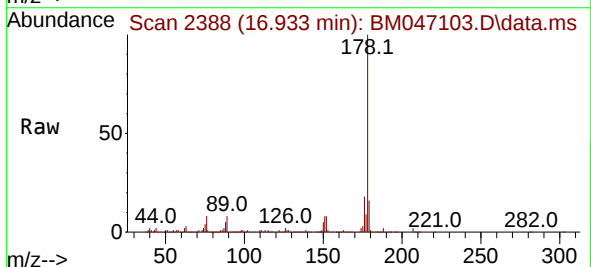
Delta R.T. -0.000 min

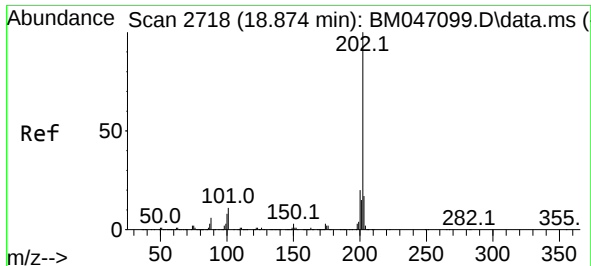
Lab File: BM047103.D

Acq: 09 Aug 2024 02:50

Tgt Ion:178 Resp: 277665

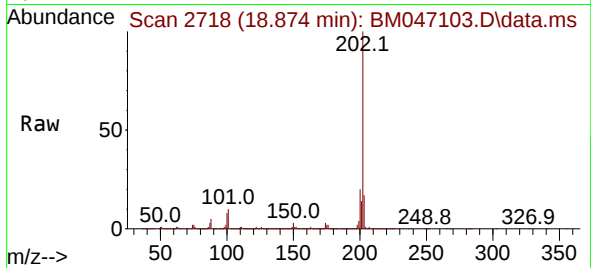
Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	17.8	14.6	22.0





#80
Fluoranthene
Concen: 31.940 ng/ul
RT: 18.874 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

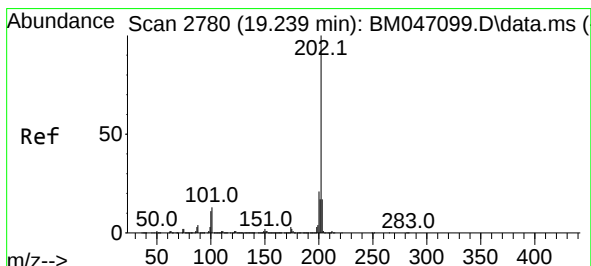
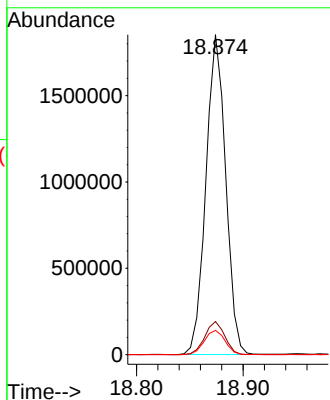
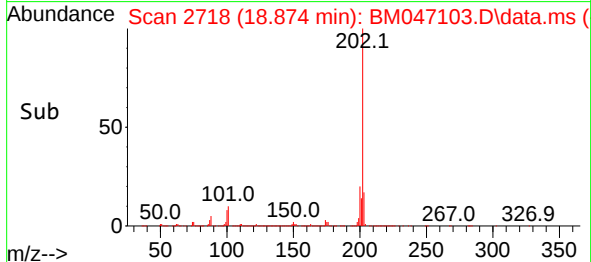
Instrument :
BNA_M
ClientSampleId :
E05Z4



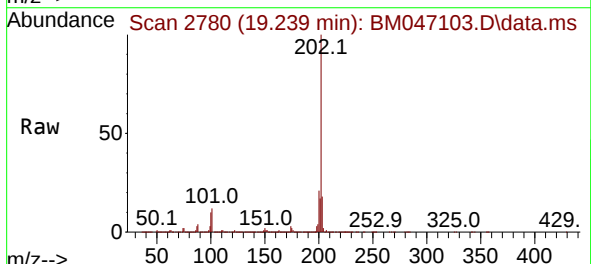
Tgt Ion:202 Resp: 2386539
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.6
100 7.6 5.9 8.9

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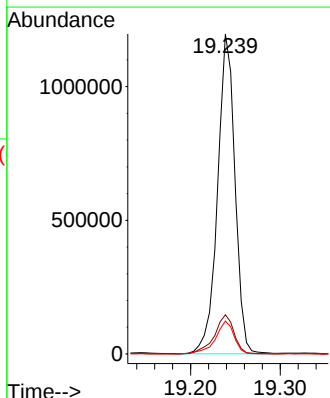
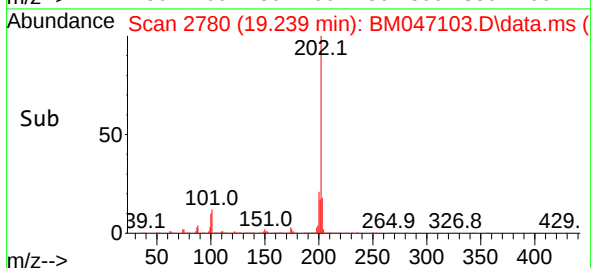
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

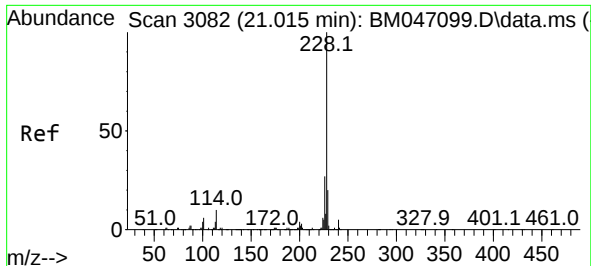


#82
Pyrene
Concen: 20.266 ng/ul
RT: 19.239 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50



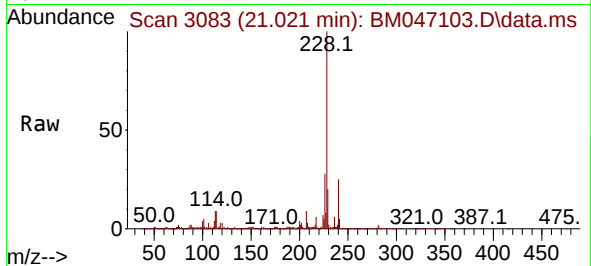
Tgt Ion:202 Resp: 1613559
Ion Ratio Lower Upper
202 100
101 12.2 8.7 13.1
100 10.3 6.8 10.2#





#85
Benzo(a)anthracene
Concen: 18.660 ng/ul
RT: 21.021 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

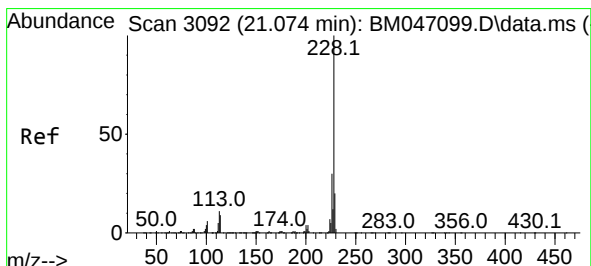
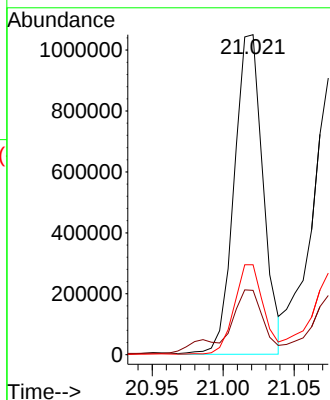
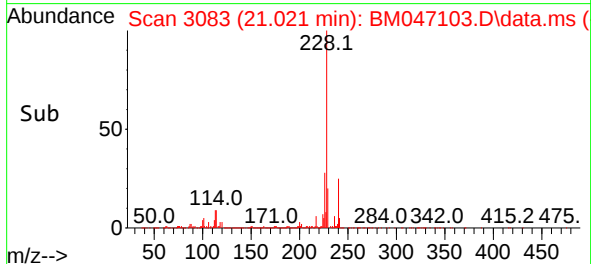
Instrument :
BNA_M
ClientSampleId :
E05Z4



Tgt Ion:228 Resp: 148846
Ion Ratio Lower Upper
228 100
229 20.1 15.5 23.3
226 28.1 21.2 31.8

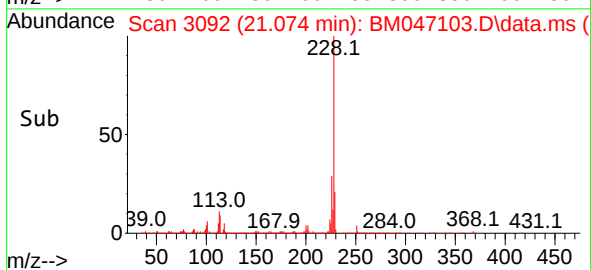
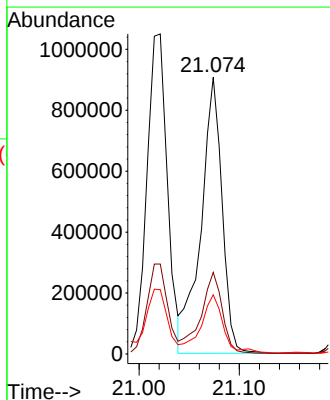
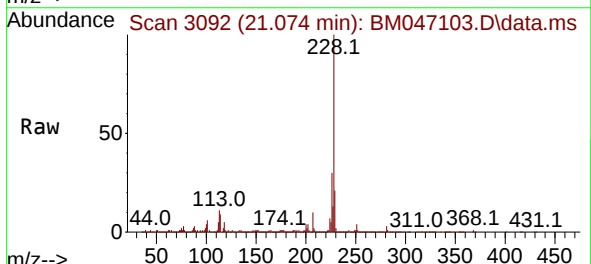
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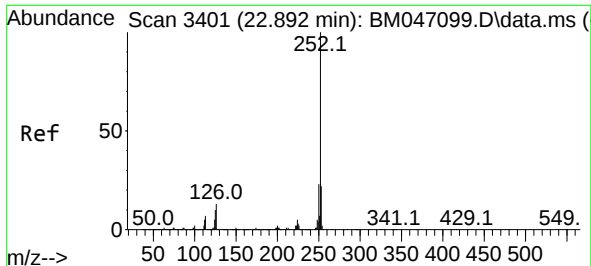
Reviewed By :Jagrut Upadhyay 08/09/2024
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#87
Chrysene
Concen: 17.457 ng/ul
RT: 21.074 min Scan# 3092
Delta R.T. -0.000 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

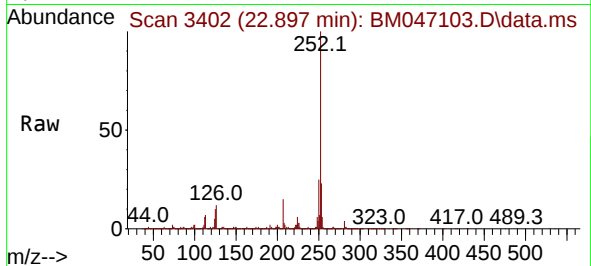
Tgt Ion:228 Resp: 1328065
Ion Ratio Lower Upper
228 100
226 29.5 24.0 36.0
229 21.4 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 26.986 ng/ul
RT: 22.897 min Scan# 3401
Delta R.T. 0.006 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

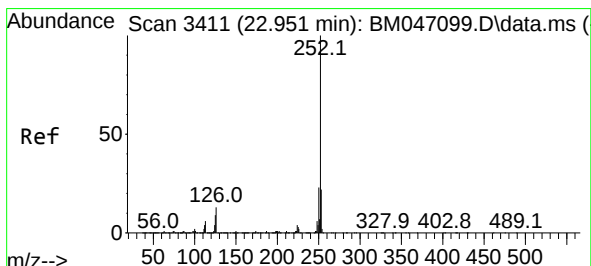
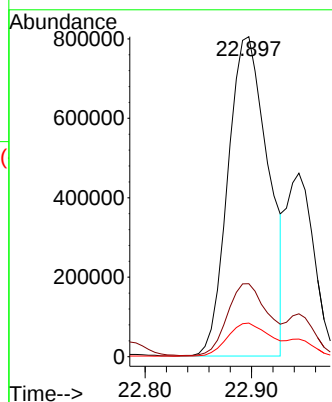
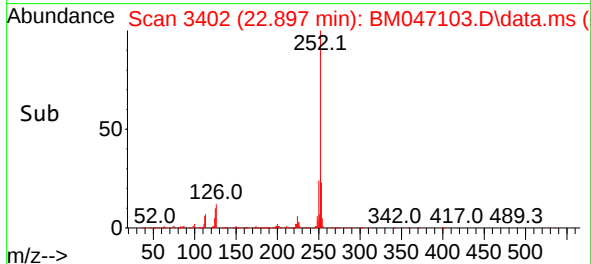
Instrument :
BNA_M
ClientSampleId :
E05Z4



Tgt Ion:252 Resp: 211391
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.5 7.0 10.6

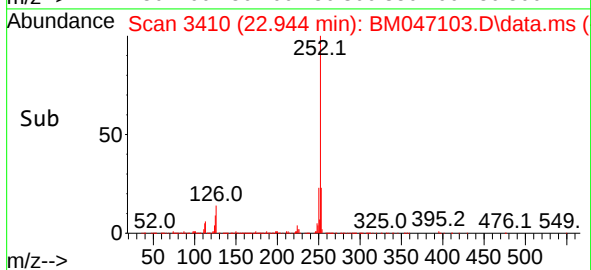
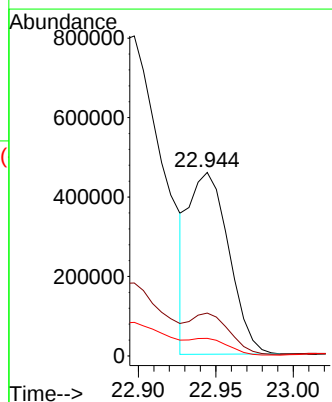
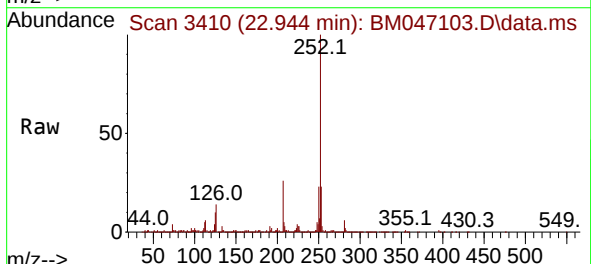
Manual Integrations
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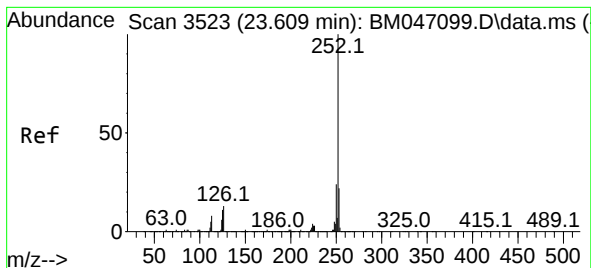
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#91
Benzo(k)fluoranthene
Concen: 10.532 ng/ul
RT: 22.944 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM047103.D
Acq: 09 Aug 2024 02:50

Tgt Ion:252 Resp: 815311
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 9.6 6.9 10.3





#93

Benzo(a)pyrene

Concen: 10.929 ng/ul

RT: 23.609 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM047103.D

Acq: 09 Aug 2024 02:50

Instrument :

BNA_M

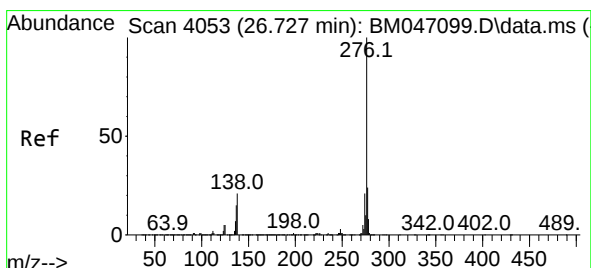
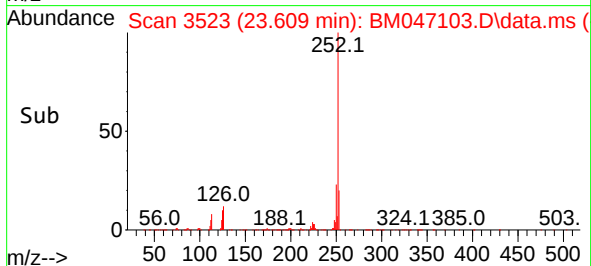
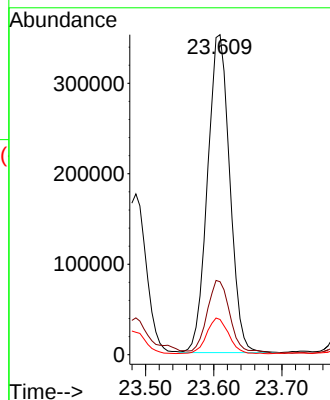
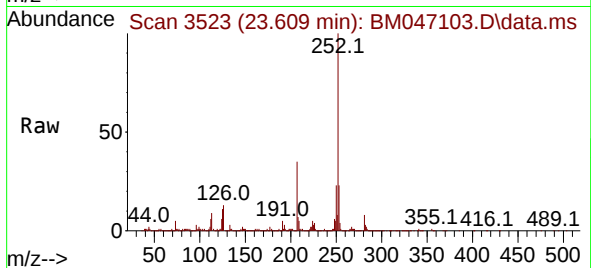
ClientSampleId :

E05Z4

Tgt Ion:252 Resp: 79757
 Ion Ratio Lower Upper
 252 100
 253 22.8 18.2 27.2
 125 11.0 8.1 12.1

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 Supervised By :mohammad ahmed 08/12/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.634 ng/ul

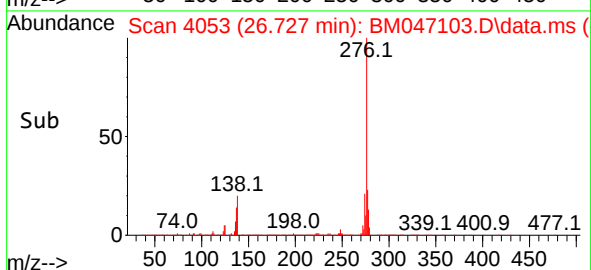
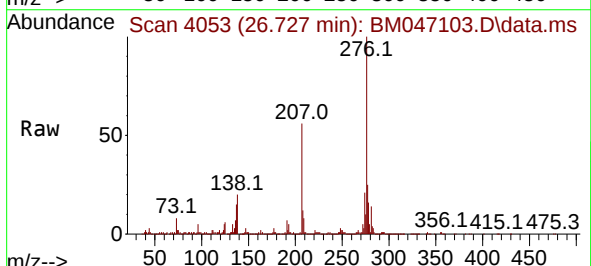
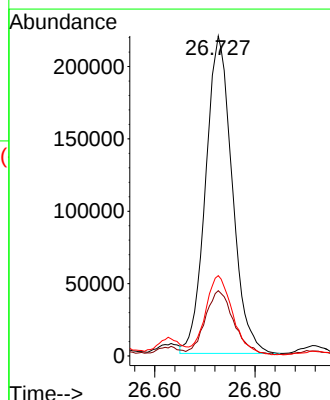
RT: 26.727 min Scan# 4053

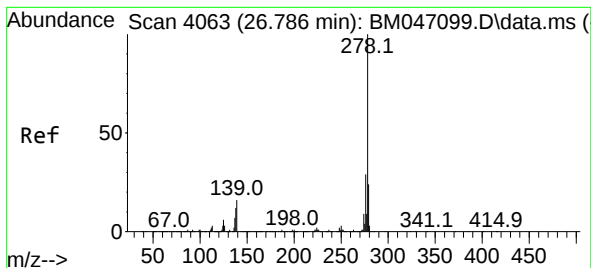
Delta R.T. -0.000 min

Lab File: BM047103.D

Acq: 09 Aug 2024 02:50

Tgt Ion:276 Resp: 807290
 Ion Ratio Lower Upper
 276 100
 138 20.4 14.7 22.1
 277 25.1 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 3.812 ng/ul

RT: 26.762 min Scan# 4063

Delta R.T. -0.024 min

Lab File: BM047103.D

Acq: 09 Aug 2024 02:50

Instrument :

BNA_M

ClientSampleId :

E05Z4

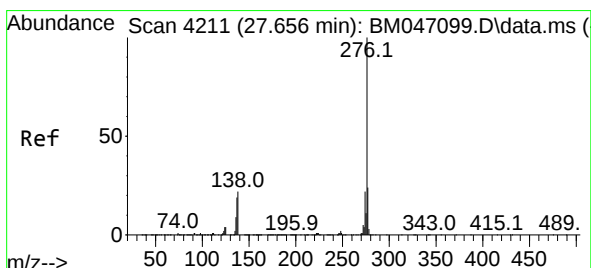
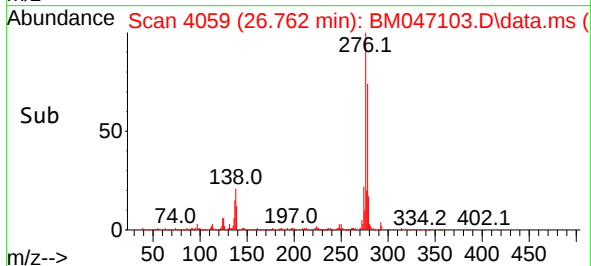
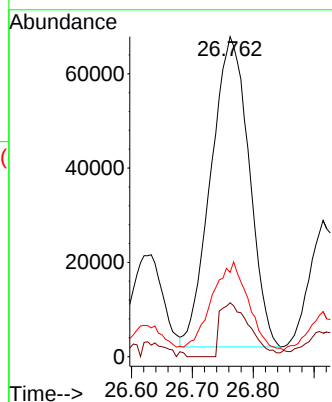
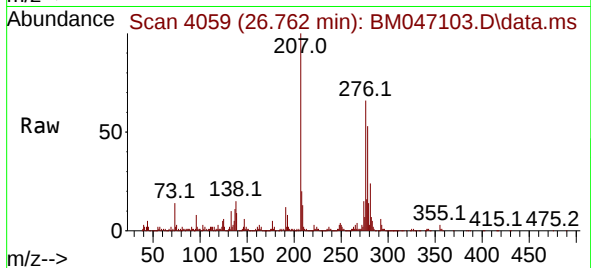
Tgt Ion:278 Resp: 28630

Ion	Ratio	Lower	Upper
278	100		
139	16.9	11.4	17.0
279	26.4	19.4	29.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#96

Benzo(g,h,i)perylene

Concen: 1.682 ng/ul m

RT: 27.650 min Scan# 4210

Delta R.T. -0.006 min

Lab File: BM047103.D

Acq: 09 Aug 2024 02:50

Tgt Ion:276 Resp: 124231

Ion	Ratio	Lower	Upper
276	100		
138	20.7	14.7	22.1
277	24.6	18.6	27.8

