

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
 Data File : BM044442.D
 Acq On : 29 Feb 2024 16:40
 Operator : MA/JU
 Sample : P1512-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0SB7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/01/2024
 Supervised By :mohammad ahmed 03/02/2024

Quant Time: Feb 29 18:03:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 29 03:37:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	199662	20.000	ng/u1	0.00
20) Naphthalene-d8	10.763	136	878523	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.592	164	503982	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.345	188	1033732	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	874839	20.000	ng/u1	0.00
88) Perylene-d12	23.962	264	938255	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	33828	5.346	ng/uL	0.00
4) Pyridine-d5	3.793	84	276933	16.024	ng/u1	0.00
7) Phenol-d5	7.116	99	558038	29.176	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	361553	29.191	ng/u1	0.00
11) 2-Chlorophenol-d4	7.481	132	450821	31.295	ng/u1	0.00
15) 4-Methylphenol-d8	8.669	113	288278	19.919	ng/u1	0.00
21) Nitrobenzene-d5	9.128	128	220679	30.894	ng/u1	0.00
24) 2-Nitrophenol-d4	9.845	143	239802	32.905	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	382362	29.743	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	514005	23.807	ng/u1	0.00
46) Dimethylphthalate-d6	14.021	166	1159132	29.821	ng/u1	0.00
49) Acenaphthylene-d8	14.286	160	1397706	31.254	ng/u1	0.00
54) 4-Nitrophenol-d4	14.804	143	142115	18.374	ng/u1	0.00
60) Fluorene-d10	15.586	176	1030236	31.315	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	117206	18.273	ng/u1	0.00
73) Anthracene-d10	17.439	188	1440962	29.234	ng/u1	0.00
81) Pyrene-d10	19.739	212	1754419	33.334	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	1568307	32.621	ng/u1	0.01
Target Compounds					Qvalue	
8) Phenol	7.145	94	24651	1.240	ng/u1	94
16) Acetophenone	8.792	105	69401	3.002	ng/u1	98
72) Phenanthrene	17.386	178	205033	3.457	ng/u1	99
80) Fluoranthene	19.403	202	466228	7.386	ng/u1	97
82) Pyrene	19.762	202	403660	6.098	ng/u1	99
85) Benzo(a)anthracene	21.521	228	153772	2.357	ng/u1	98
87) Chrysene	21.574	228	182807	2.981	ng/u1	98
90) Benzo(b)fluoranthene	23.227	252	233548	3.883	ng/u1	98
91) Benzo(k)fluoranthene	23.268	252	81056m	1.312	ng/u1	
93) Benzo(a)pyrene	23.856	252	147365	2.541	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	107924	1.539	ng/u1	94
96) Benzo(g,h,i)perylene	27.262	276	114187	2.013	ng/u1	95

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

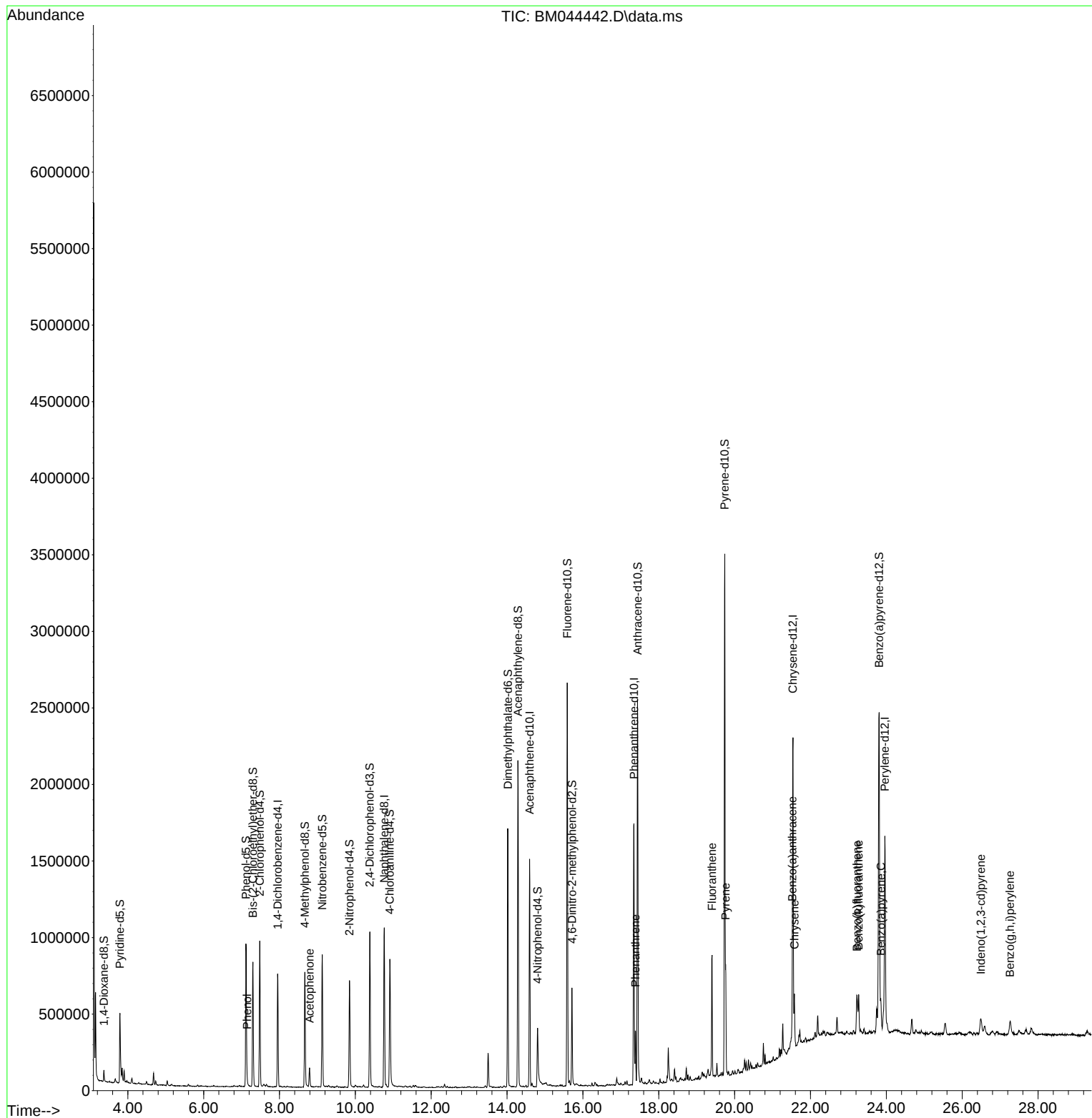
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022824\
Data File : BM044442.D
Acq On : 29 Feb 2024 16:40
Operator : MA/JU
Sample : P1512-08
Misc :
ALS Vial : 42 Sample Multiplier: 1

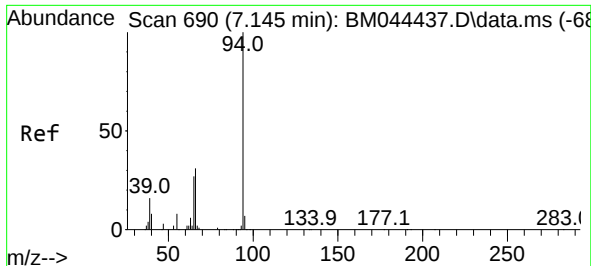
Instrument :
BNA_M
ClientSampleId :
E0SB7

Quant Time: Feb 29 18:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
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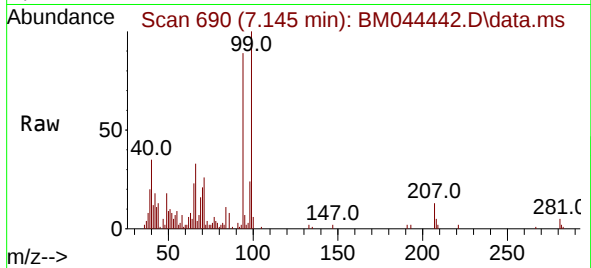
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024





#8
Phenol
Concen: 1.240 ng/ul
RT: 7.145 min Scan# 690
Delta R.T. 0.006 min
Lab File: BM044442.D
Acq: 29 Feb 2024 16:40

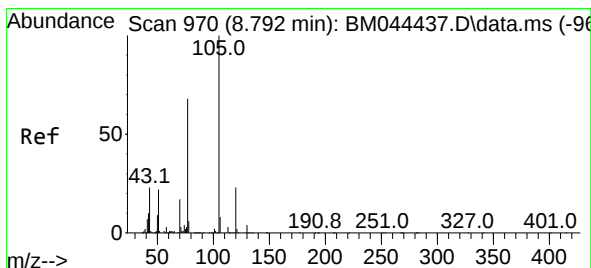
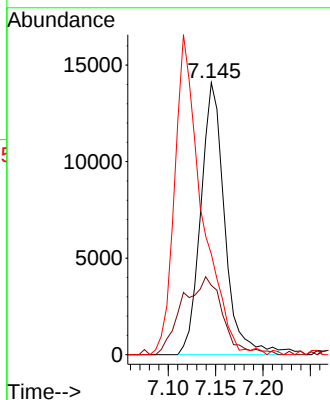
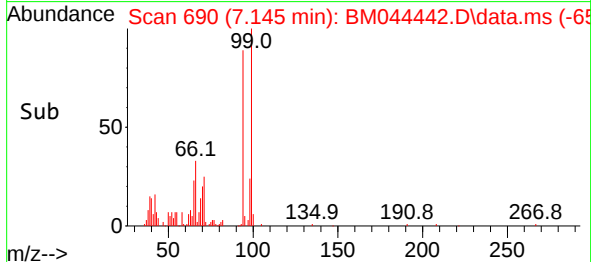
Instrument :
BNA_M
ClientSampleId :
E0SB7



Tgt Ion: 94 Resp: 2465
Ion Ratio Lower Upper
94 100
65 25.5 20.6 31.0
66 37.0 25.4 38.0

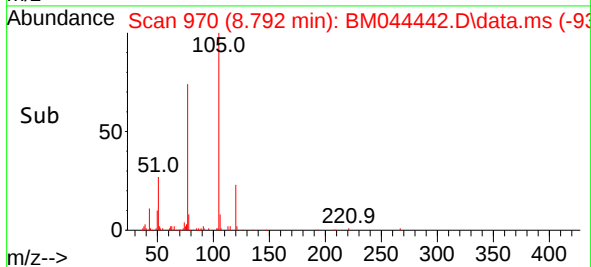
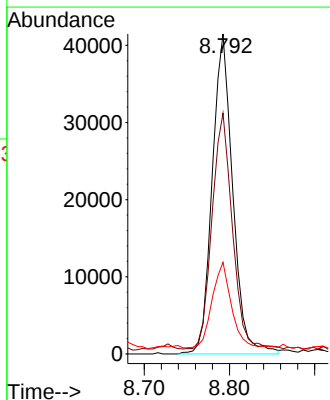
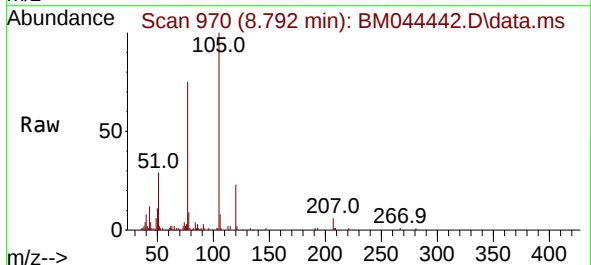
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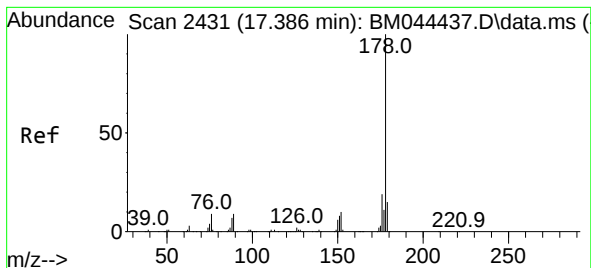
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#16
Acetophenone
Concen: 3.002 ng/ul
RT: 8.792 min Scan# 970
Delta R.T. 0.006 min
Lab File: BM044442.D
Acq: 29 Feb 2024 16:40

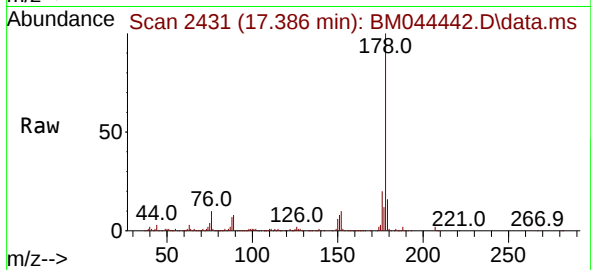
Tgt Ion:105 Resp: 69401
Ion Ratio Lower Upper
105 100
77 75.3 61.2 91.8
51 28.6 21.1 31.7





#72
Phenanthrene
Concen: 3.457 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. 0.006 min
Lab File: BM044442.D
Acq: 29 Feb 2024 16:40

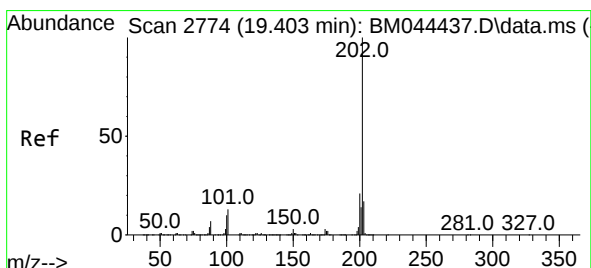
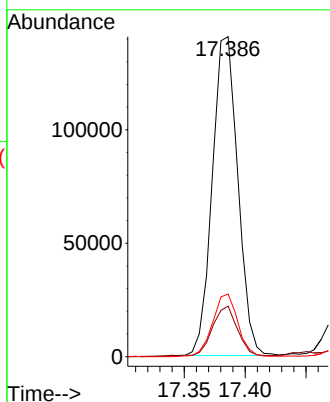
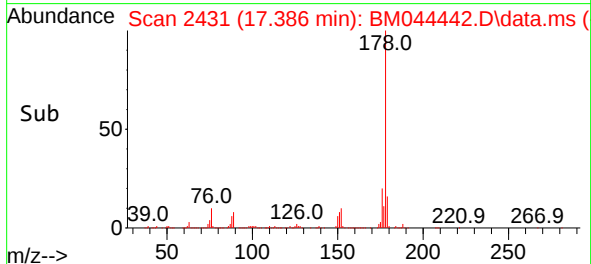
Instrument :
BNA_M
ClientSampleId :
E0SB7



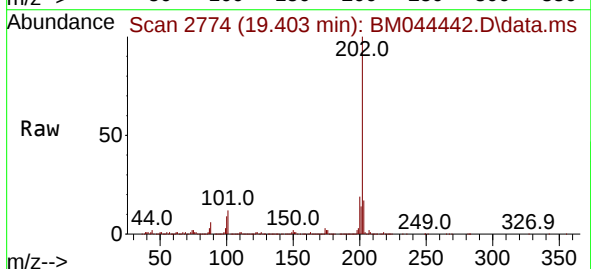
Tgt Ion:178 Resp: 20503
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.6 15.6 23.4

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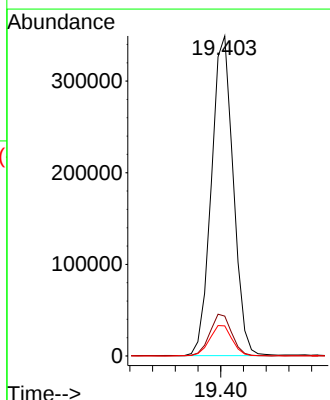
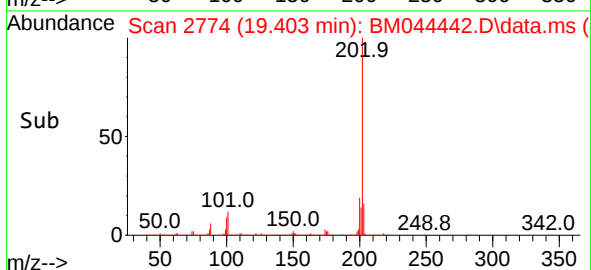
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024

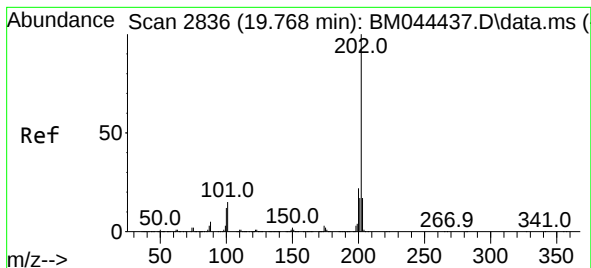


#80
Fluoranthene
Concen: 7.386 ng/ul
RT: 19.403 min Scan# 2774
Delta R.T. 0.006 min
Lab File: BM044442.D
Acq: 29 Feb 2024 16:40



Tgt Ion:202 Resp: 466228
Ion Ratio Lower Upper
202 100
101 12.4 11.1 16.7
100 9.4 8.2 12.2





#82

Pyrene

Concen: 6.098 ng/ul

RT: 19.762 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM044442.D

Acq: 29 Feb 2024 16:40

Instrument :

BNA_M

ClientSampleId :

E0SB7

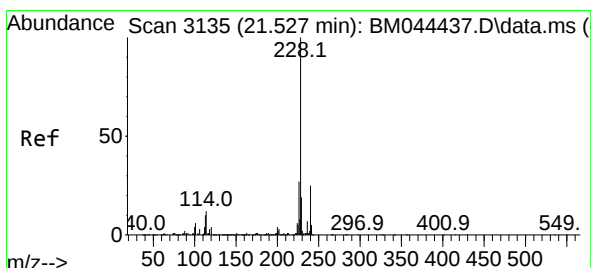
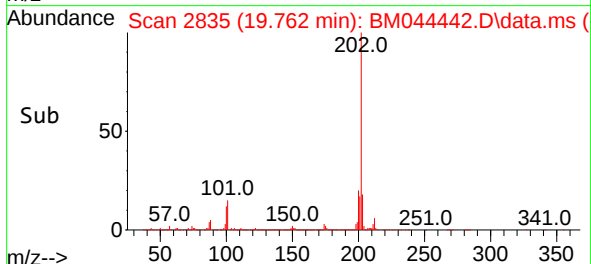
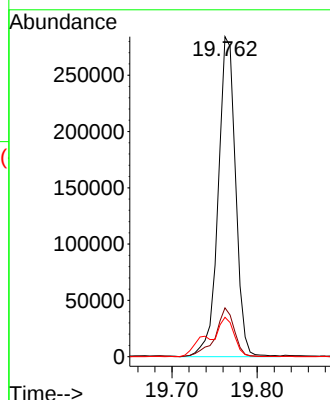
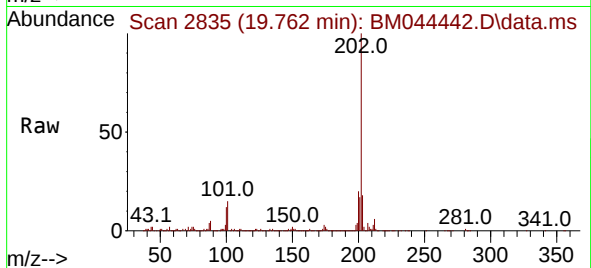
Tgt Ion:	202	Resp:	403660
Ion Ratio	Lower	Upper	
202	100		
101	15.3	12.6	18.8
100	12.3	10.2	15.2

Manual Integrations

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Supervised By :mohammad ahmed 03/02/2024



#85

Benzo(a)anthracene

Concen: 2.357 ng/ul

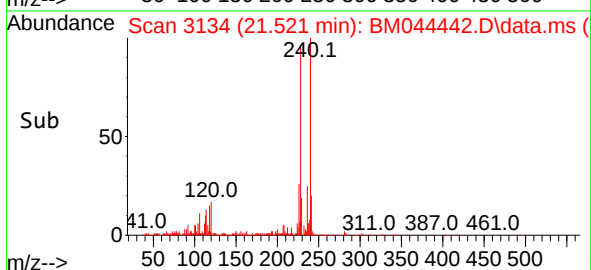
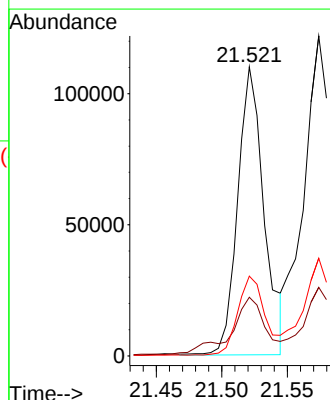
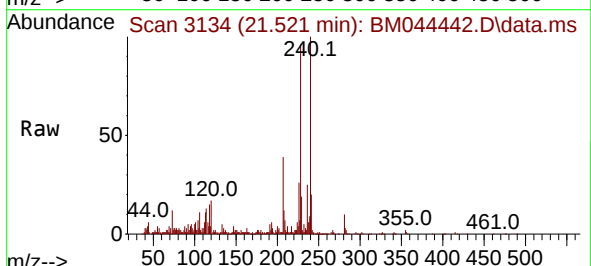
RT: 21.521 min Scan# 3134

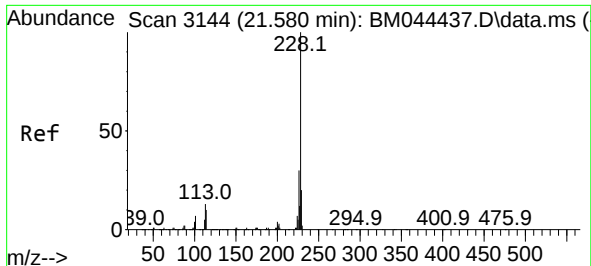
Delta R.T. 0.006 min

Lab File: BM044442.D

Acq: 29 Feb 2024 16:40

Tgt Ion:	228	Resp:	153772
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	27.6	21.2	31.8





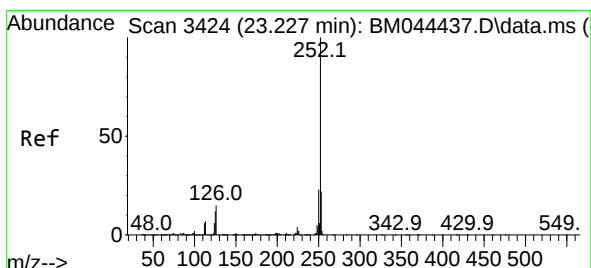
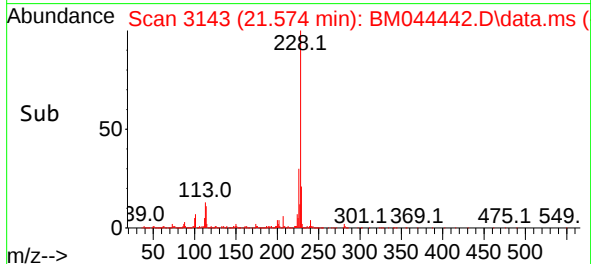
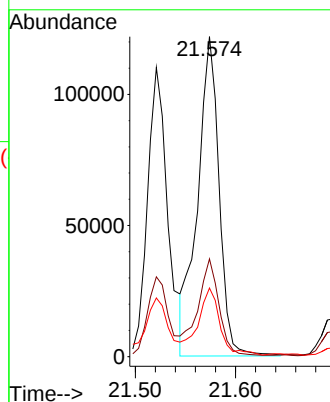
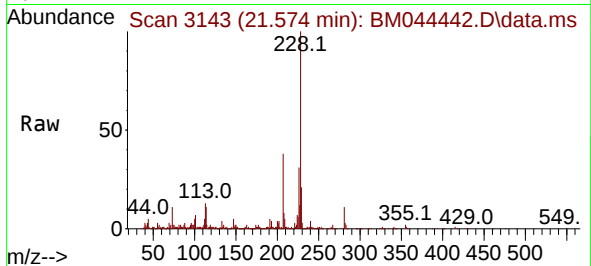
#87
Chrysene
Concen: 2.981 ng/ul
RT: 21.574 min Scan# 3144
Delta R.T. -0.000 min
Lab File: BM044442.D
Acq: 29 Feb 2024 16:40

Instrument :
BNA_M
ClientSampleId :
E0SB7

Tgt Ion:228 Resp: 18280
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 21.5 16.0 24.0

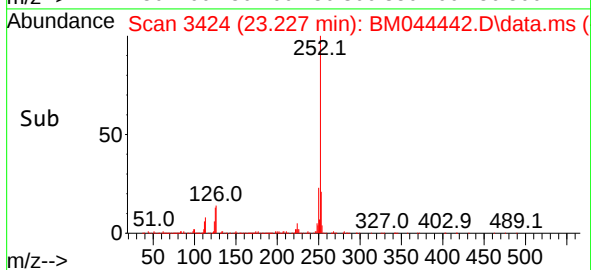
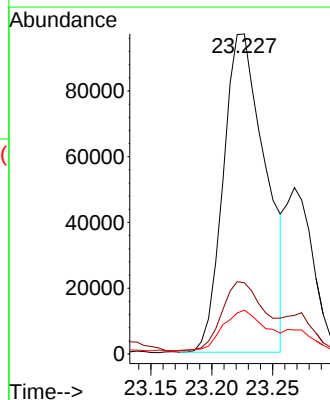
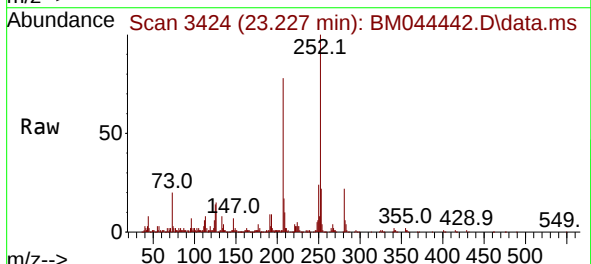
Manual Integrations
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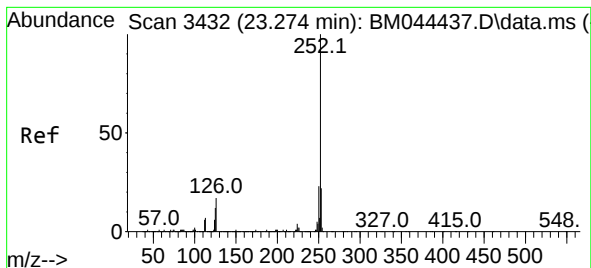
Reviewed By :Yogesh Patel 03/01/2024
Supervised By :mohammad ahmed 03/02/2024



#90
Benzo(b)fluoranthene
Concen: 3.883 ng/ul
RT: 23.227 min Scan# 3424
Delta R.T. 0.012 min
Lab File: BM044442.D
Acq: 29 Feb 2024 16:40

Tgt Ion:252 Resp: 233548
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 13.7 9.8 14.8





#91

Benzo(k)fluoranthene

Concen: 1.312 ng/ul m

RT: 23.268 min Scan# 34

Delta R.T. -0.000 min

Lab File: BM044442.D

Acq: 29 Feb 2024 16:40

Instrument :

BNA_M

ClientSampleId :

E0SB7

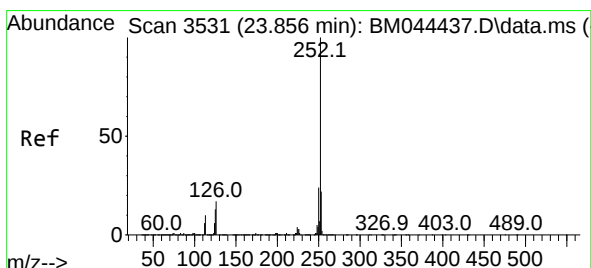
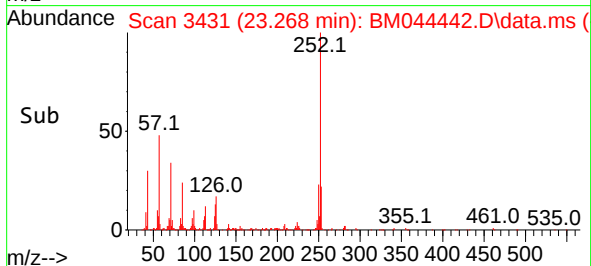
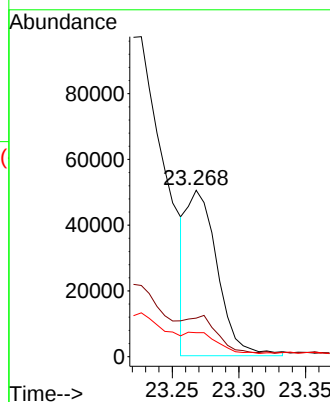
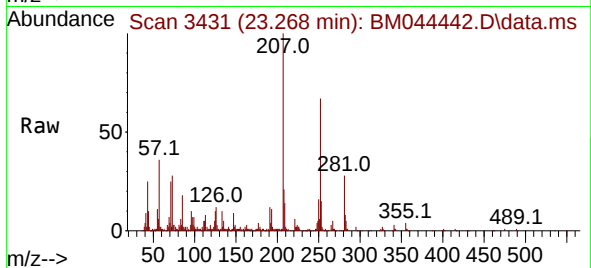
Tgt Ion:	252	Resp:	81050
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.4	26.0
125	14.4	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/01/2024

Supervised By :mohammad ahmed 03/02/2024



#93

Benzo(a)pyrene

Concen: 2.541 ng/ul

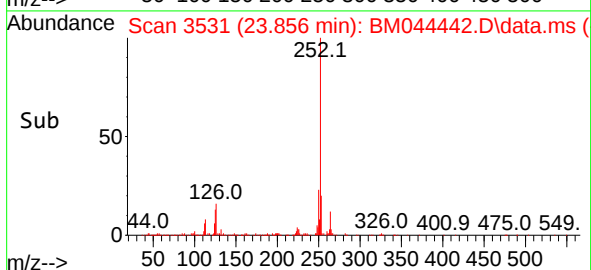
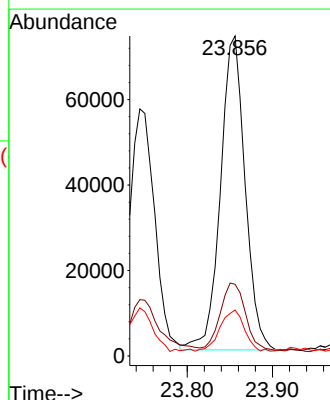
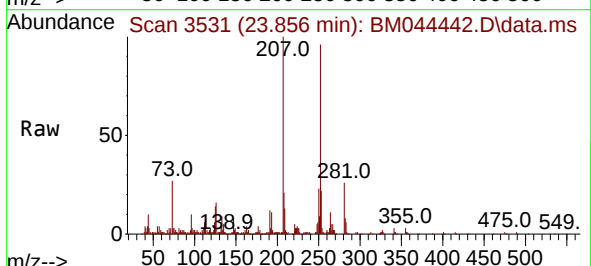
RT: 23.856 min Scan# 3531

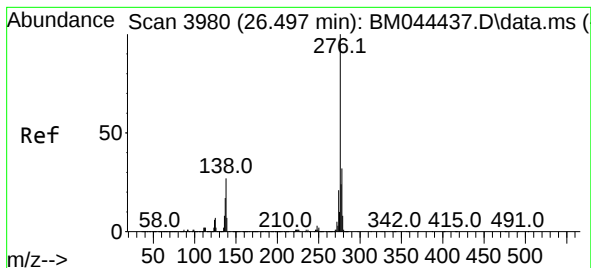
Delta R.T. 0.006 min

Lab File: BM044442.D

Acq: 29 Feb 2024 16:40

Tgt Ion:	252	Resp:	147365
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.2
125	14.3	10.8	16.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.539 ng/ul

RT: 26.491 min Scan# 3980

Delta R.T. 0.006 min

Lab File: BM044442.D

Acq: 29 Feb 2024 16:40

Instrument :

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E0SB7

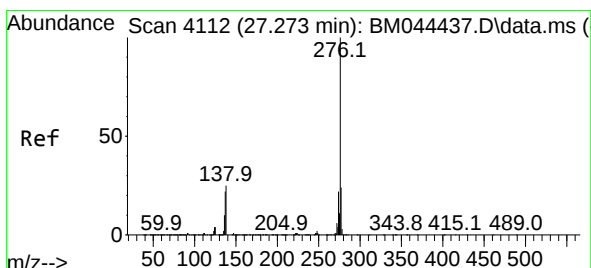
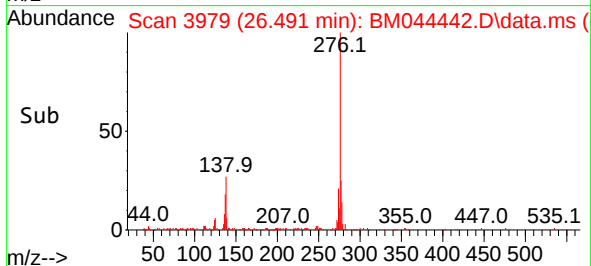
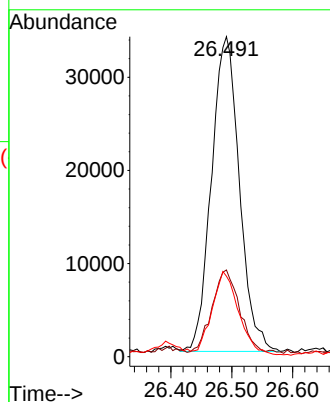
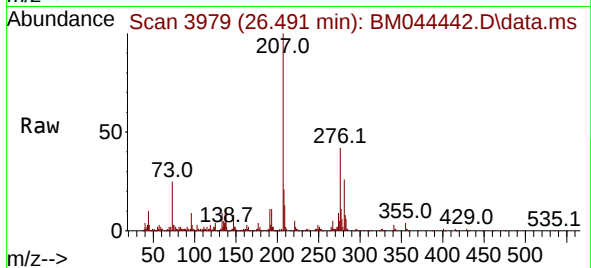
Tgt Ion:	276	Resp:	107924
Ion Ratio	Lower	Upper	
276	100		
138	33.0	22.1	33.1
277	25.1	19.9	29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/01/2024

Supervised By :mohammad ahmed 03/02/2024



#96

Benzo(g,h,i)perylene

Concen: 2.013 ng/ul

RT: 27.262 min Scan# 4110

Delta R.T. -0.000 min

Lab File: BM044442.D

Acq: 29 Feb 2024 16:40

Tgt Ion:	276	Resp:	114187
Ion Ratio	Lower	Upper	
276	100		
138	22.8	21.6	32.4
277	23.5	18.5	27.7

