

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043395.D
 Acq On : 18 Dec 2023 16:19
 Operator : MA/JU
 Sample : 05626-16DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLG2DL

Quant Time: Dec 19 01:24:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.993	152	517705	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	2243306	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1155117	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1938558	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1333664	20.000	ng/u1	0.00
88) Perylene-d12	23.974	264	1487896	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	11073	0.695	ng/uL	0.00
4) Pyridine-d5	3.822	84	50431	1.100	ng/u1	0.02
7) Phenol-d5	7.151	99	222667	3.781	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	146936	3.940	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	171473	3.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	176896	3.871	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	83210	3.834	ng/u1	0.00
24) 2-Nitrophenol-d4	9.887	143	82205	3.666	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	149171	3.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	187505	3.219	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	428365	4.120	ng/u1	0.00
49) Acenaphthylene-d8	14.316	160	497229	4.031	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	48280	2.453	ng/u1	0.00
60) Fluorene-d10	15.616	176	345179	4.014	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	30820	2.404	ng/u1	0.00
73) Anthracene-d10	17.462	188	449454	4.134	ng/u1	0.00
81) Pyrene-d10	19.751	212	427154	4.057	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	384457	4.187	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	3675774	25.710	ng/u1	100
36) 2-Methylnaphthalene	12.457	142	263431	2.707	ng/u1	100
37) 1-Methylnaphthalene	12.675	142	183730	1.872	ng/u1	99
74) Anthracene	17.498	178	144840	1.092	ng/u1	98
80) Fluoranthene	19.421	202	346909	2.661	ng/u1	99
82) Pyrene	19.780	202	416891	3.110	ng/u1	98
85) Benzo(a)anthracene	21.527	228	193978	1.739	ng/u1	92
87) Chrysene	21.556	228	377487m	3.763	ng/u1	
90) Benzo(b)fluoranthene	23.233	252	846052	7.420	ng/u1	97
91) Benzo(k)fluoranthene	23.274	252	252474m	2.270	ng/u1	
93) Benzo(a)pyrene	23.862	252	320691	3.083	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	265801	2.140	ng/u1	98

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

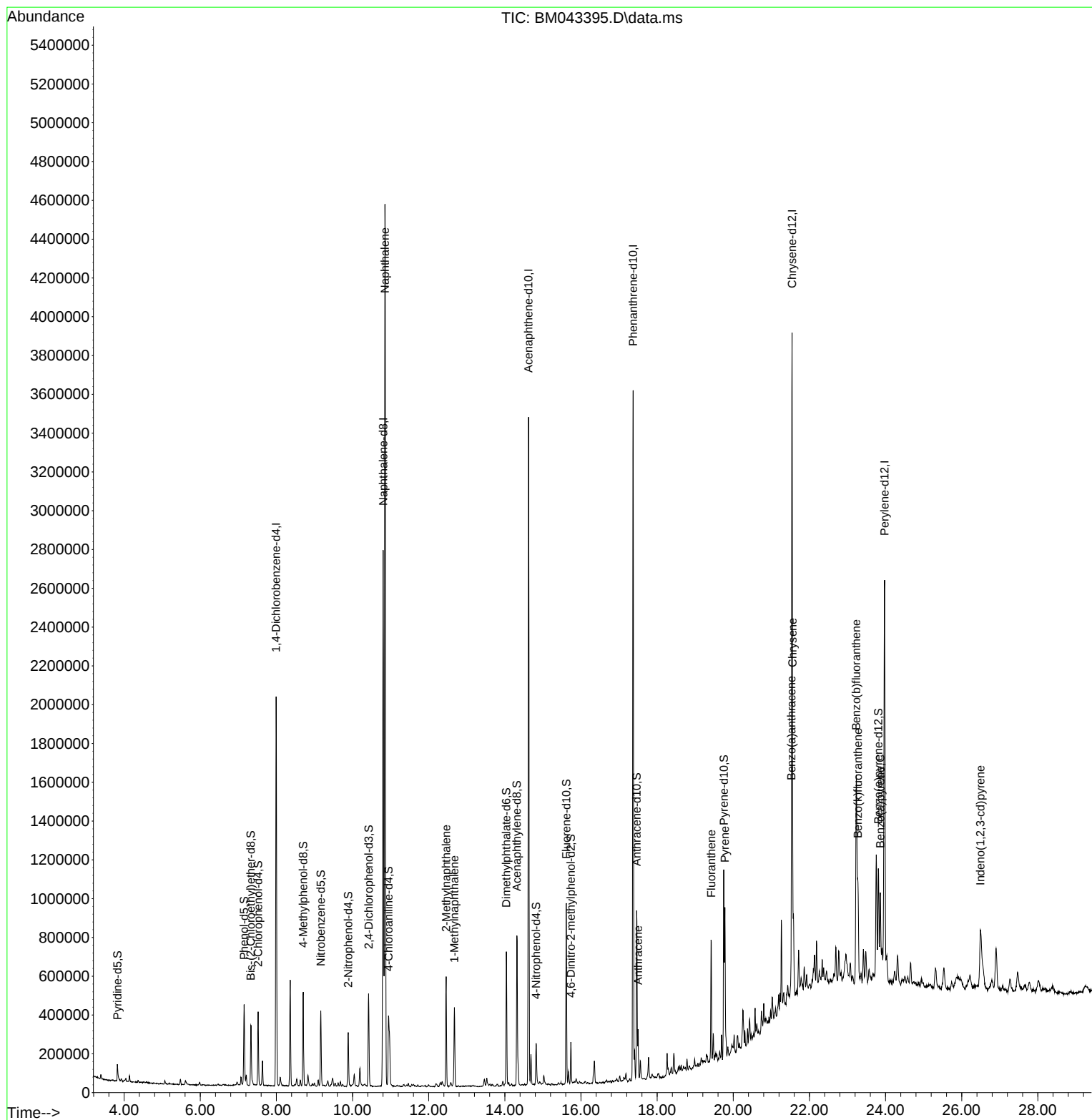
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043395.D
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 ALS Vial : 13 Sample Multiplier: 1

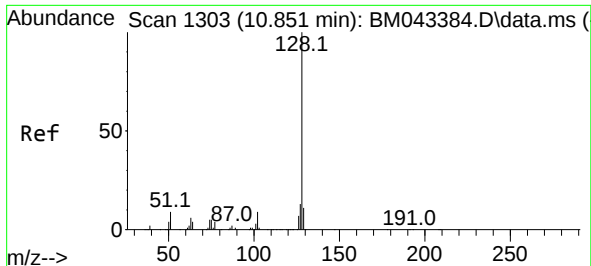
Instrument :
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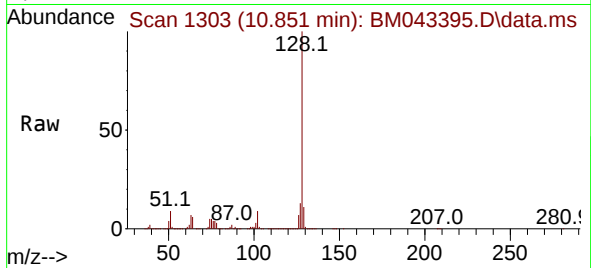
Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023





#30
Naphthalene
Concen: 25.710 ng/ul
RT: 10.851 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19

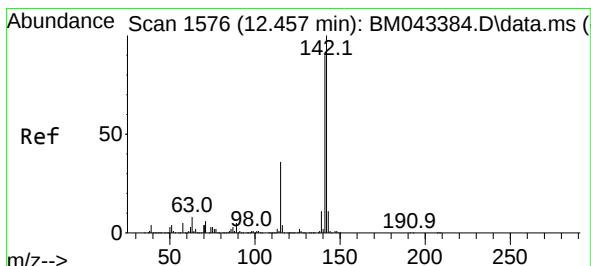
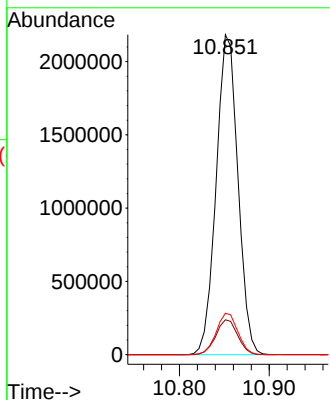
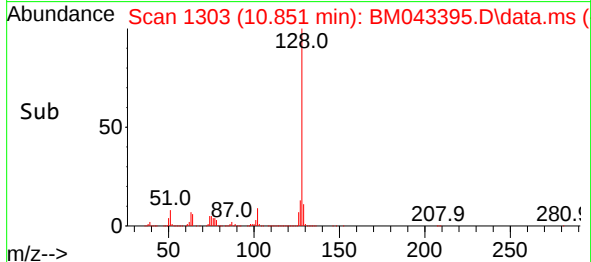
Instrument :
BNA_M
ClientSampleId :
DCLG2DL



Tgt Ion:128 Resp: 3675774
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.2 15.4

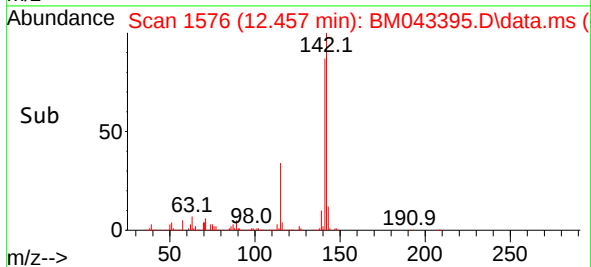
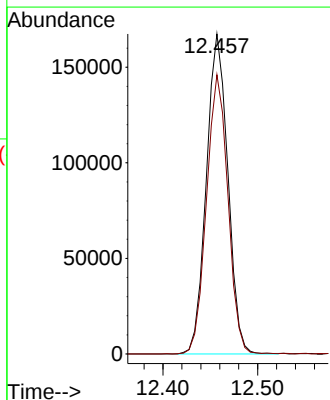
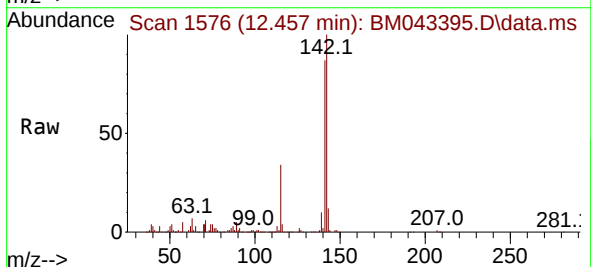
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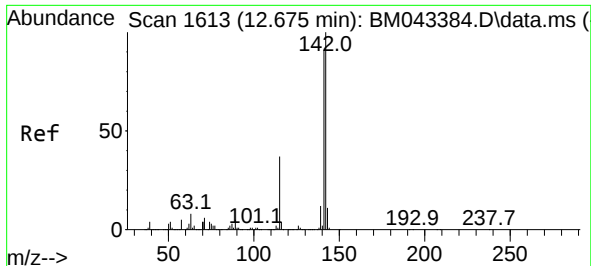
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#36
2-Methylnaphthalene
Concen: 2.707 ng/ul
RT: 12.457 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19

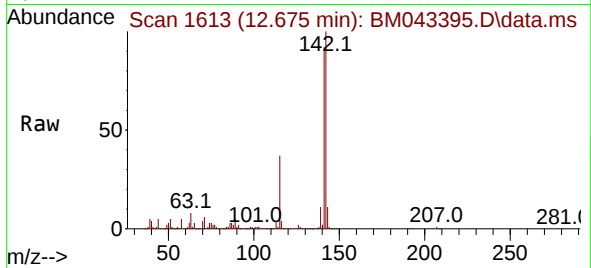
Tgt Ion:142 Resp: 263431
Ion Ratio Lower Upper
142 100
141 87.2 69.9 104.9





#37
1-Methylnaphthalene
Concen: 1.872 ng/ul
RT: 12.675 min Scan# 1613
Delta R.T. 0.000 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19

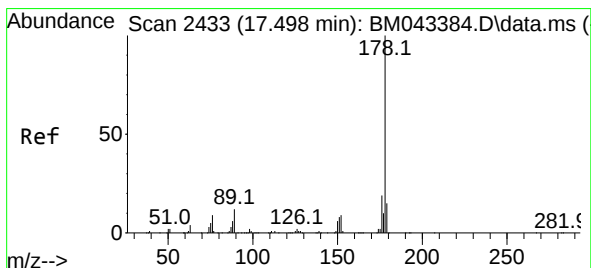
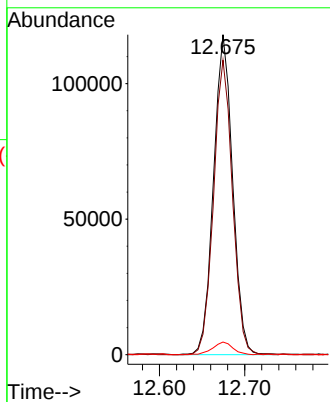
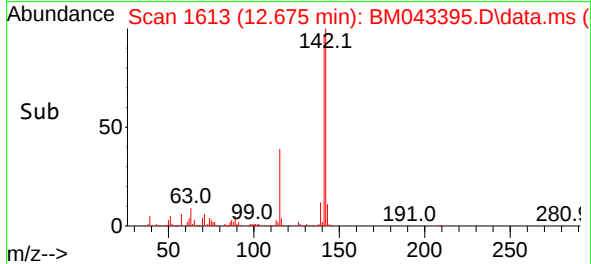
Instrument :
BNA_M
ClientSampleId :
DCLG2DL



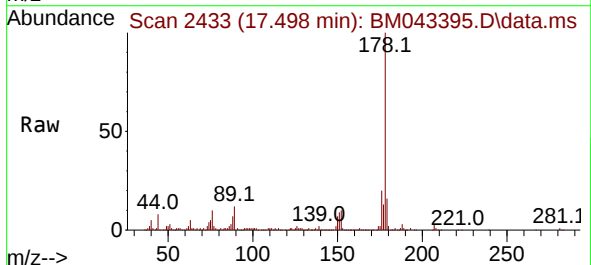
Tgt Ion:142 Resp: 183730
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4
116 4.0 3.0 4.6

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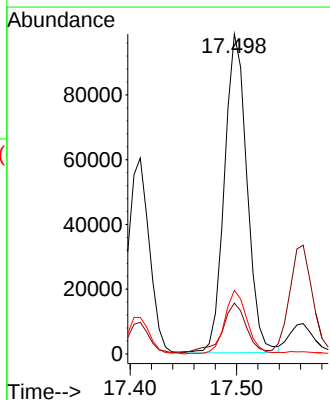
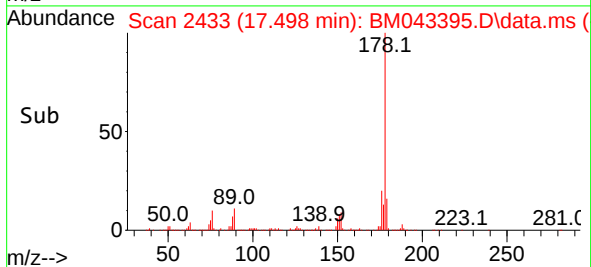
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

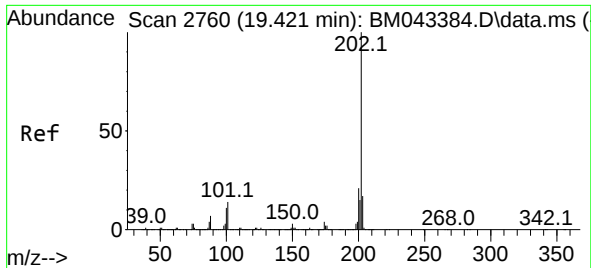


#74
Anthracene
Concen: 1.092 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19



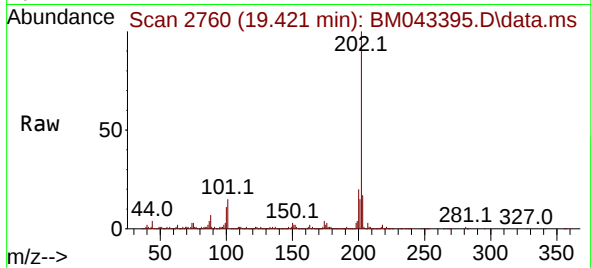
Tgt Ion:178 Resp: 144840
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.9 15.2 22.8





#80
Fluoranthene
Concen: 2.661 ng/u1
RT: 19.421 min Scan# 2760
Delta R.T. 0.006 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19

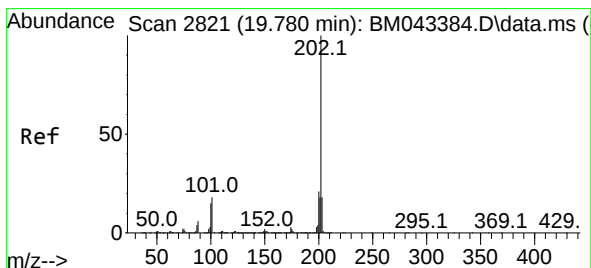
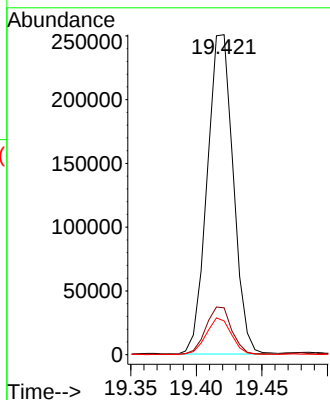
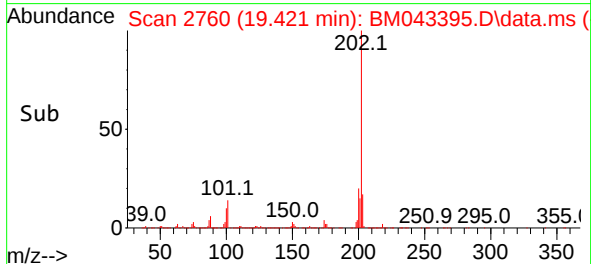
Instrument :
BNA_M
ClientSampleId :
DCLG2DL



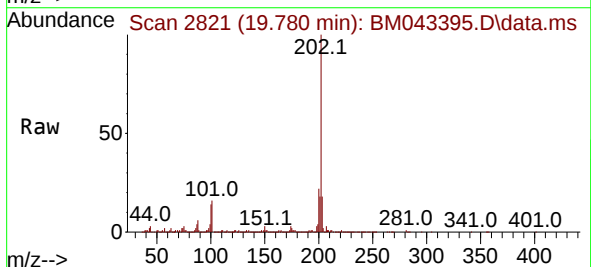
Tgt Ion:202 Resp: 346909
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 10.6 8.2 12.4

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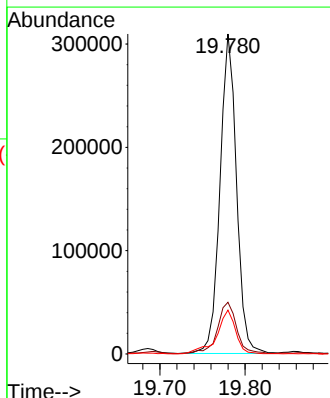
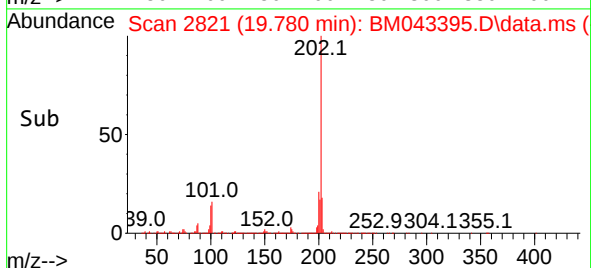
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

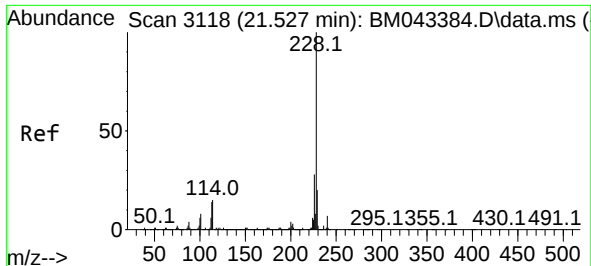


#82
Pyrene
Concen: 3.110 ng/u1
RT: 19.780 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19



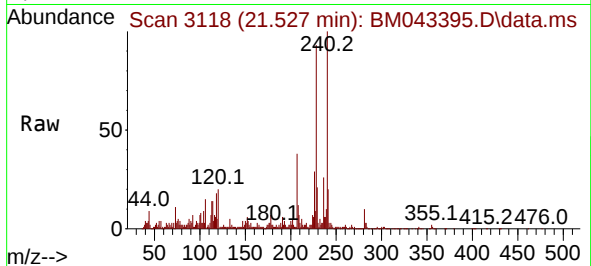
Tgt Ion:202 Resp: 416891
Ion Ratio Lower Upper
202 100
101 16.2 12.7 19.1
100 13.7 10.1 15.1





#85
Benzo(a)anthracene
Concen: 1.739 ng/ul
RT: 21.527 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19

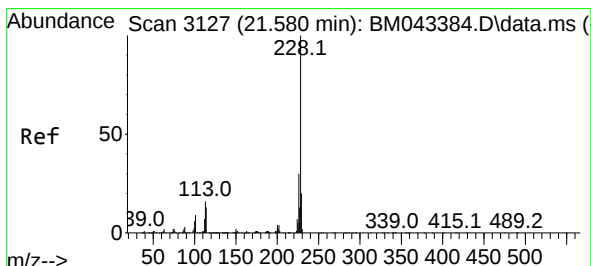
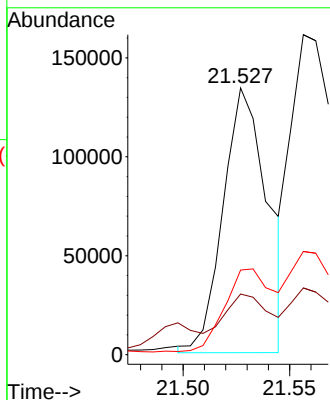
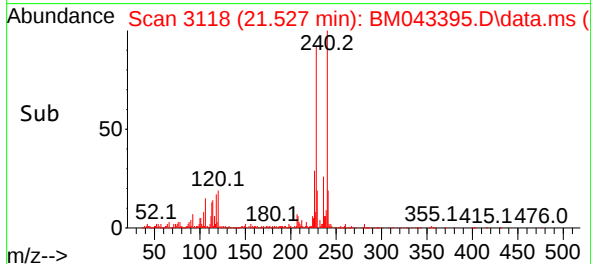
Instrument :
BNA_M
ClientSampleId :
DCLG2DL



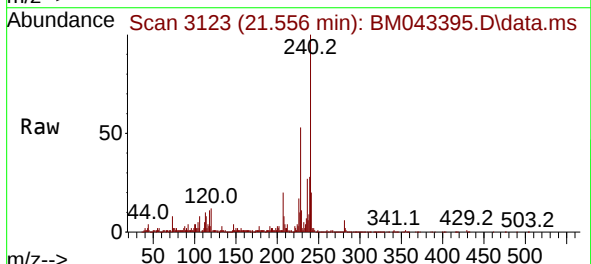
Tgt Ion:228 Resp: 193978
Ion Ratio Lower Upper
228 100
229 22.8 15.6 23.4
226 31.8 22.2 33.2

Manual Integrations
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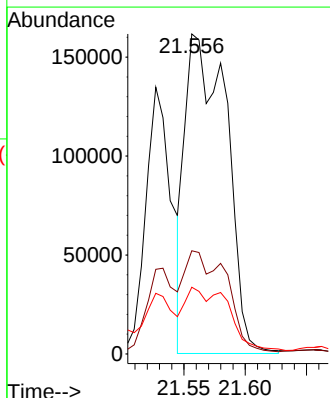
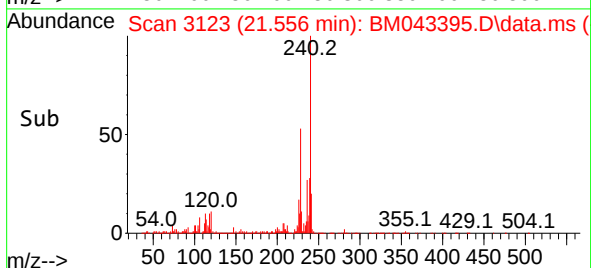
Reviewed By :Yogesh Patel 12/19/2023
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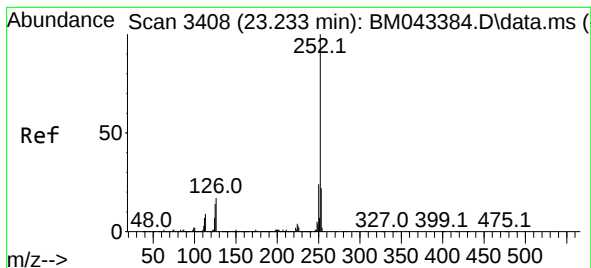


#87
Chrysene
Concen: 3.763 ng/ul m
RT: 21.556 min Scan# 3123
Delta R.T. -0.018 min
Lab File: BM043395.D
Acq: 18 Dec 2023 16:19



Tgt Ion:228 Resp: 377487
Ion Ratio Lower Upper
228 100
226 32.2 24.2 36.2
229 20.9 15.9 23.9





#90

Benzo(b)fluoranthene

Concen: 7.420 ng/ul

RT: 23.233 min Scan# 3408

Delta R.T. 0.012 min

Lab File: BM043395.D

Acq: 18 Dec 2023 16:19

Instrument :

BNA_M

ClientSampleId :

DCLG2DL

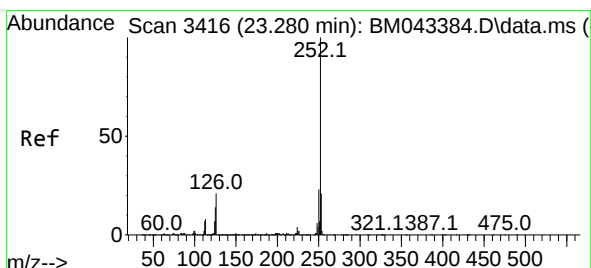
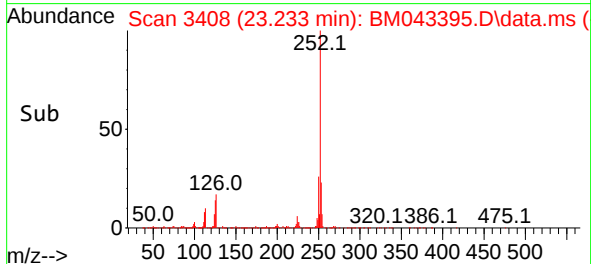
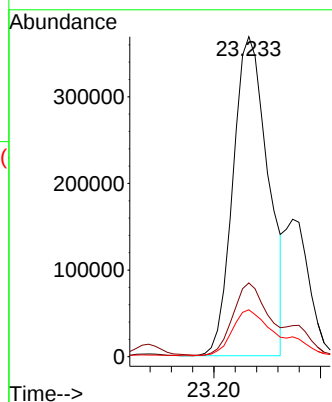
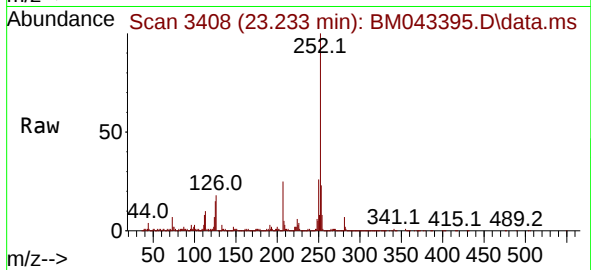
Tgt Ion:	252	Resp:	846052
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	14.6	10.4	15.6

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 2.270 ng/ul m

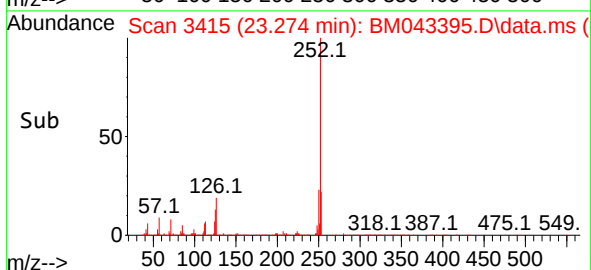
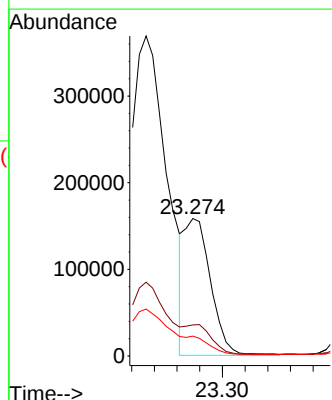
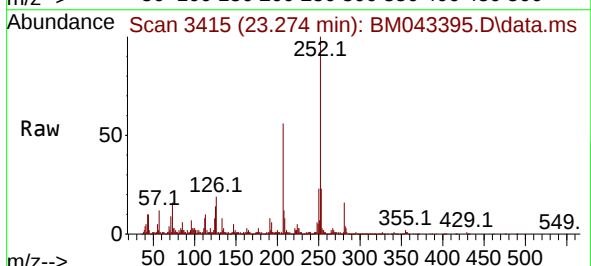
RT: 23.274 min Scan# 3415

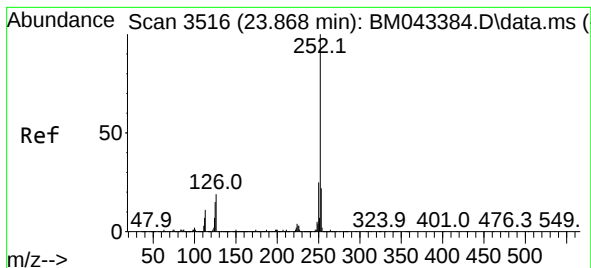
Delta R.T. 0.006 min

Lab File: BM043395.D

Acq: 18 Dec 2023 16:19

Tgt Ion:	252	Resp:	252474
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.5	26.3
125	14.4	10.2	15.4





#93

Benzo(a)pyrene

Concen: 3.083 ng/u1

RT: 23.862 min Scan# 3

Delta R.T. 0.012 min

Lab File: BM043395.D

Acq: 18 Dec 2023 16:19

Instrument :

BNA_M

ClientSampleId :

DCLG2DL

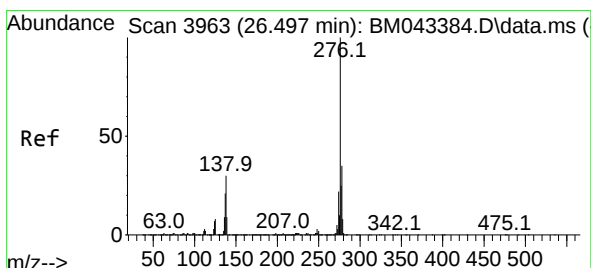
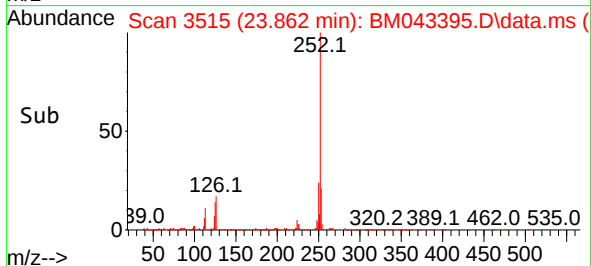
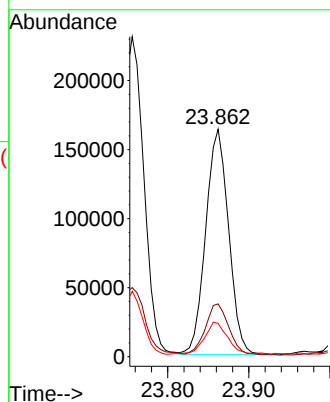
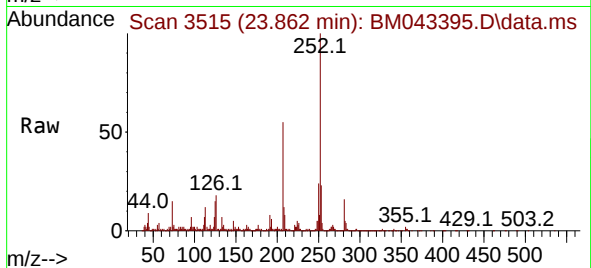
Tgt Ion:	252	Resp:	32069
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	14.7	11.4	17.2

Manual Integrations

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Reviewed By :Yogesh Patel 12/19/2023

Supervised By :mohammad ahmed 12/20/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.140 ng/u1

RT: 26.491 min Scan# 3962

Delta R.T. 0.012 min

Lab File: BM043395.D

Acq: 18 Dec 2023 16:19

Tgt Ion:	276	Resp:	265801
Ion Ratio	Lower	Upper	
276	100		
138	26.2	22.6	34.0
277	24.3	19.7	29.5

