

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043318.D
 Acq On : 14 Dec 2023 01:12
 Operator : MA/JU
 Sample : 05690-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 02:05:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 22:33:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	369088	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1724939	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	999602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1916315	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.533	240	1265375	20.000	ng/u1	# 0.00
88) Perylene-d12	23.956	264	1185313	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	34957	3.717	ng/uL	0.00
4) Pyridine-d5	3.822	84	174524	6.255	ng/u1	0.00
7) Phenol-d5	7.157	99	792937	21.640	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	511939	22.569	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	616517	22.070	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	441277	15.222	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	327532	22.278	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	334910	23.623	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	584364	18.492	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	610391	13.425	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	1821650	20.789	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	2156390	21.271	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	269146	17.142	ng/u1	0.00
60) Fluorene-d10	15.615	176	1590994	20.829	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	56136	5.322	ng/u1	0.00
73) Anthracene-d10	17.462	188	2240377	21.610	ng/u1	0.00
81) Pyrene-d10	19.745	212	2381827	29.418	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	1605720	23.216	ng/u1	0.00
Target Compounds					Qvalue	
52) Acenaphthene	14.686	153	257891	3.412	ng/u1	99
61) Fluorene	15.668	166	151160	1.691	ng/u1	97
72) Phenanthrene	17.404	178	165330	1.384	ng/u1	99
80) Fluoranthene	19.415	202	197149	2.123	ng/u1#	92
82) Pyrene	19.774	202	218435	2.261	ng/u1#	91
85) Benzo(a)anthracene	21.521	228	108185	1.115	ng/u1	92
87) Chrysene	21.574	228	187966m	2.169	ng/u1	
90) Benzo(b)fluoranthene	23.215	252	312836	3.699	ng/u1#	92
91) Benzo(k)fluoranthene	23.262	252	87755m	1.042	ng/u1	
93) Benzo(a)pyrene	23.850	252	115384	1.476	ng/u1#	89
94) Indeno(1,2,3-cd)pyrene	26.468	276	108111	1.214	ng/u1#	91

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

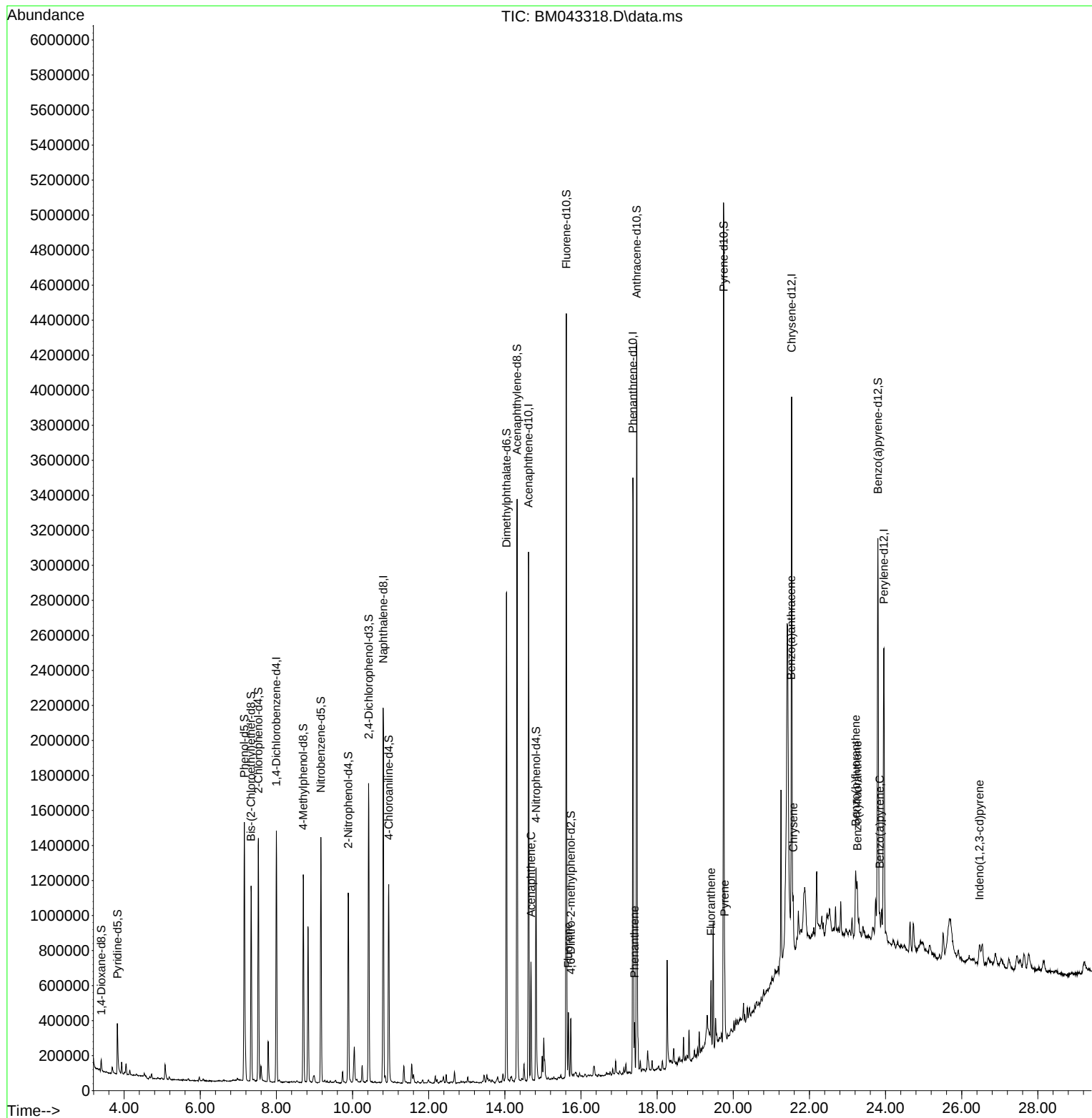
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043318.D
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Operator : MA/JU
Sample : 05690-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

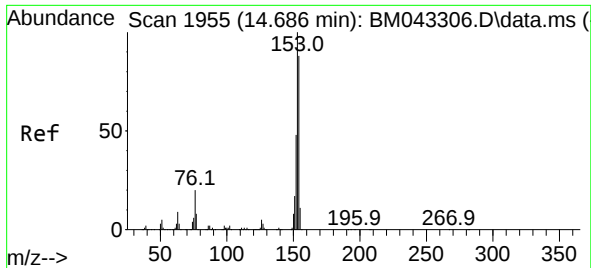
Instrument :
BNA_M
ClientSampleId :
DCLH1

Quant Time: Dec 14 02:05:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
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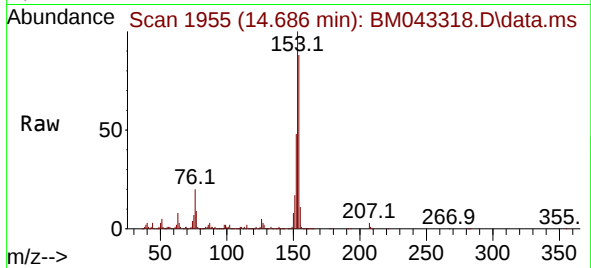
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023





#52
Acenaphthene
Concen: 3.412 ng/u1
RT: 14.686 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BM043318.D
Acq: 14 Dec 2023 01:12

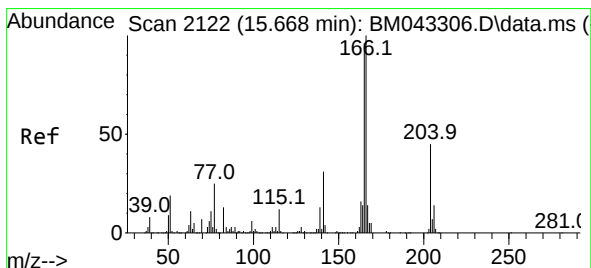
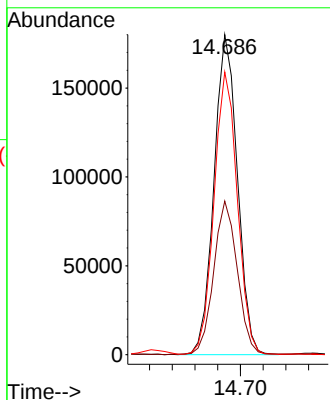
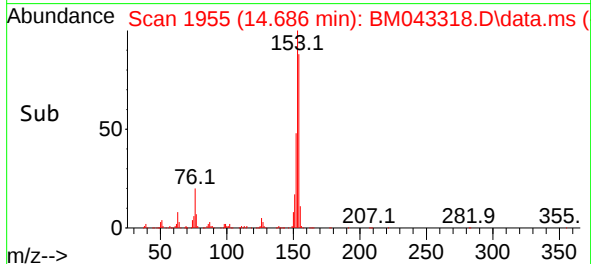
Instrument :
BNA_M
ClientSampleId :
DCLH1



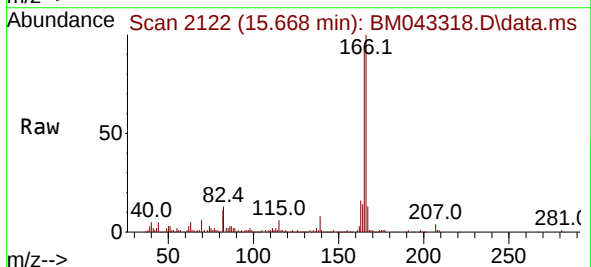
Tgt Ion:153 Resp: 25789
Ion Ratio Lower Upper
153 100
152 48.0 38.6 58.0
154 88.3 71.6 107.4

Manual Integrations
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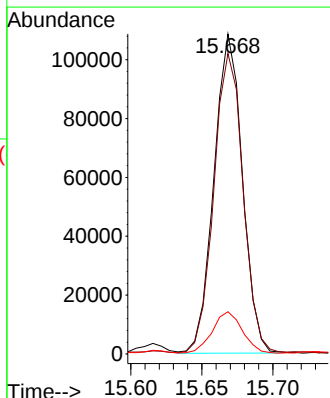
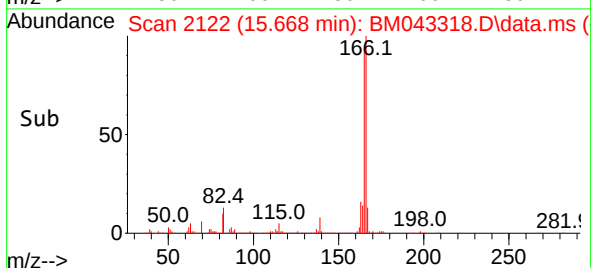
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023

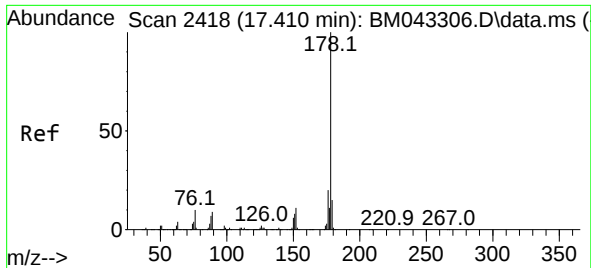


#61
Fluorene
Concen: 1.691 ng/u1
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043318.D
Acq: 14 Dec 2023 01:12



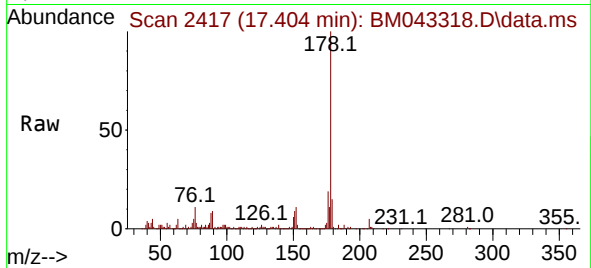
Tgt Ion:166 Resp: 151160
Ion Ratio Lower Upper
166 100
165 93.9 77.5 116.3
167 13.2 10.7 16.1





#72
Phenanthrene
Concen: 1.384 ng/ul
RT: 17.404 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM043318.D
Acq: 14 Dec 2023 01:12

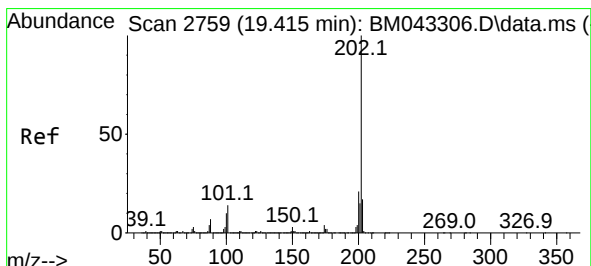
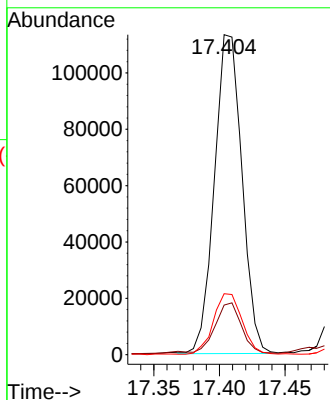
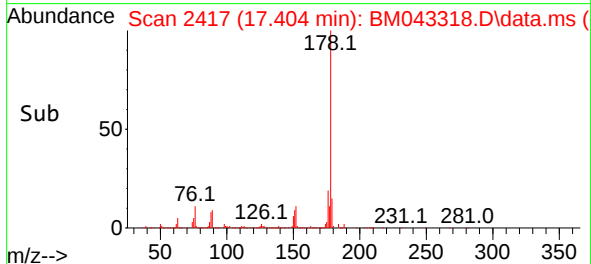
Instrument :
BNA_M
ClientSampleId :
DCLH1



Tgt Ion:178 Resp: 165330
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.0 15.7 23.5

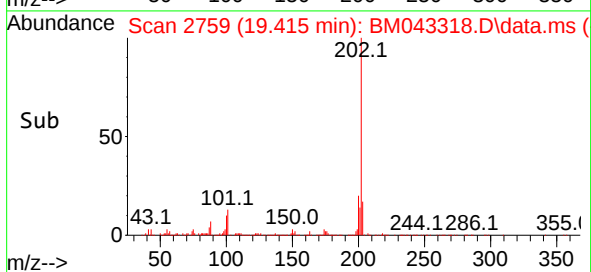
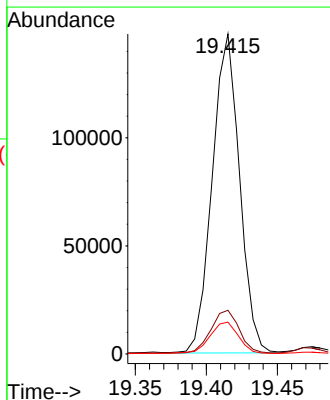
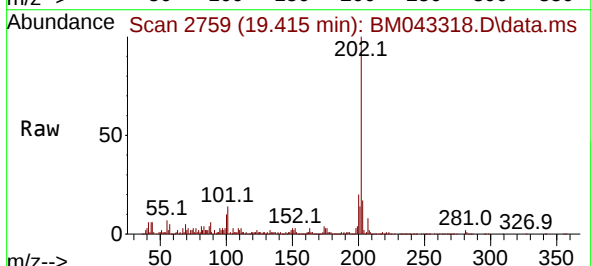
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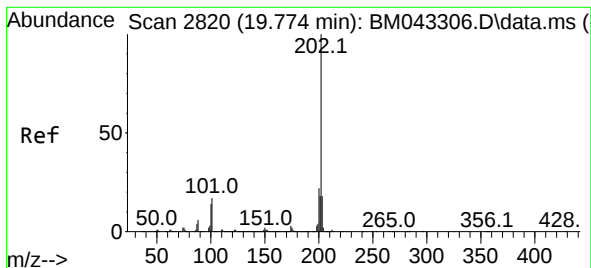
Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023



#80
Fluoranthene
Concen: 2.123 ng/ul
RT: 19.415 min Scan# 2759
Delta R.T. -0.000 min
Lab File: BM043318.D
Acq: 14 Dec 2023 01:12

Tgt Ion:202 Resp: 197149
Ion Ratio Lower Upper
202 100
101 13.6 8.2 12.2#
100 10.0 6.1 9.1#





#82

Pyrene

Concen: 2.261 ng/ul

RT: 19.774 min Scan# 21843

Delta R.T. -0.000 min

Lab File: BM043318.D

Acq: 14 Dec 2023 01:12

Instrument :

BNA_M

ClientSampleId :

DCLH1

Tgt Ion:202 Resp: 21843

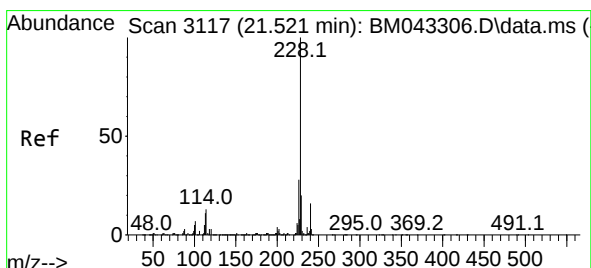
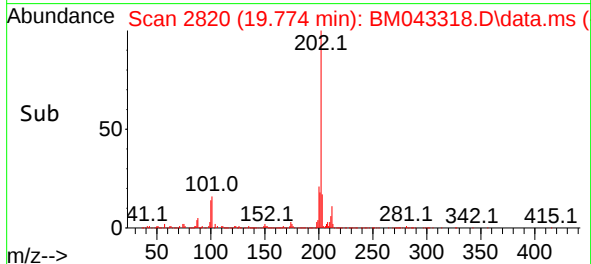
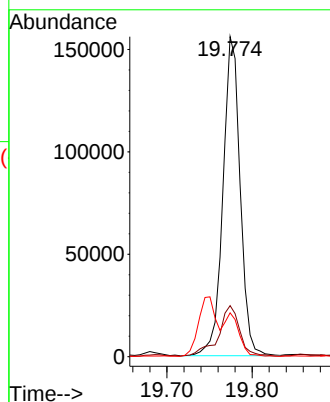
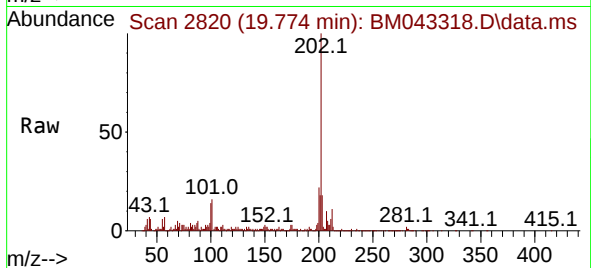
Ion	Ratio	Lower	Upper
202	100		
101	16.0	10.2	15.2
100	13.7	8.2	12.2

Manual Integrations

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#85

Benzo(a)anthracene

Concen: 1.115 ng/ul

RT: 21.521 min Scan# 3117

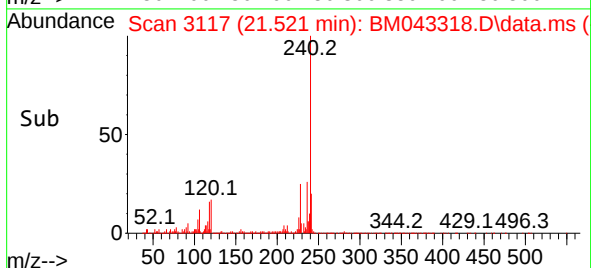
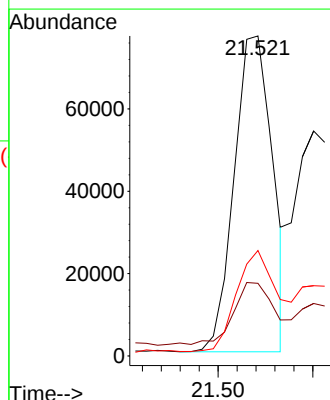
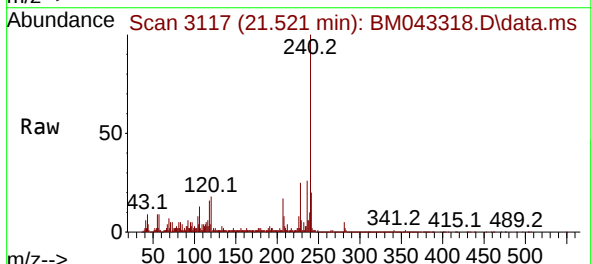
Delta R.T. -0.000 min

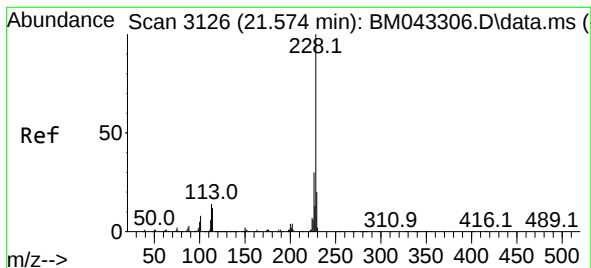
Lab File: BM043318.D

Acq: 14 Dec 2023 01:12

Tgt Ion:228 Resp: 108185

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.8
226	32.9	22.2	33.4





#87

Chrysene

Concen: 2.169 ng/ul m

RT: 21.574 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BM043318.D

Acq: 14 Dec 2023 01:12

Instrument :

BNA_M

ClientSampleId :

DCLH1

Tgt Ion:228 Resp: 187960

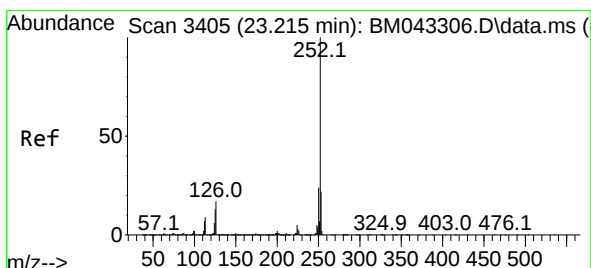
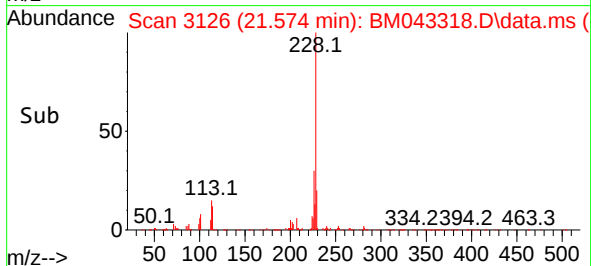
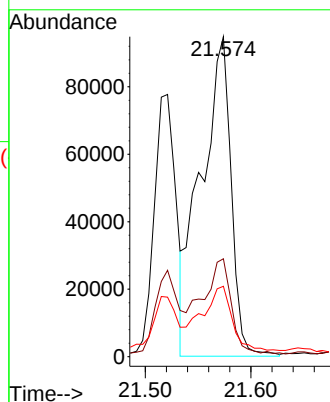
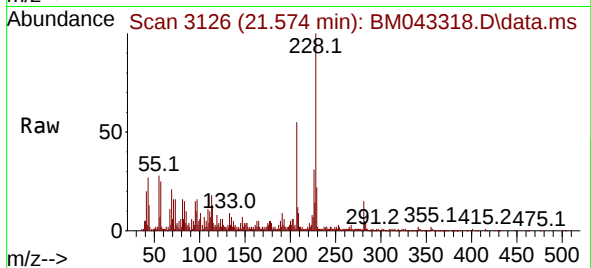
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	22.0	16.2	24.2

Manual Integrations

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Supervised By :mohammad ahmed 12/15/2023



#90

Benzo(b)fluoranthene

Concen: 3.699 ng/ul

RT: 23.215 min Scan# 3405

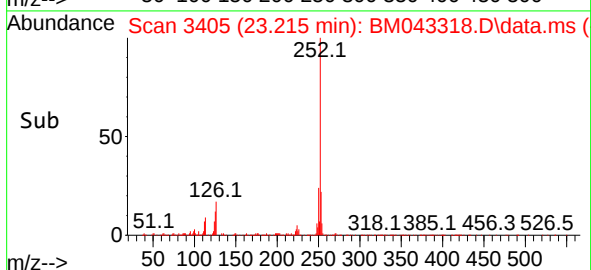
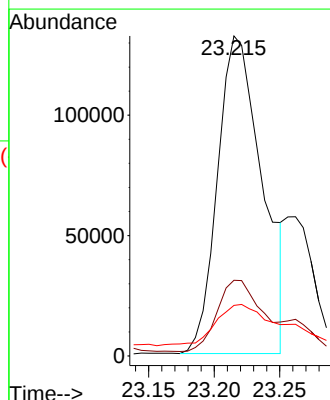
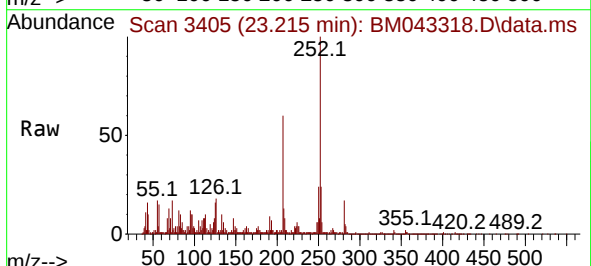
Delta R.T. -0.000 min

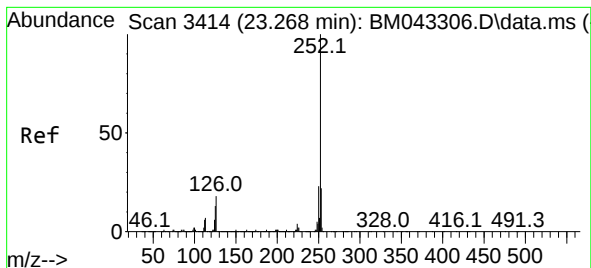
Lab File: BM043318.D

Acq: 14 Dec 2023 01:12

Tgt Ion:252 Resp: 312836

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	15.8	7.2	10.8





#91

Benzo(k)fluoranthene

Concen: 1.042 ng/ul m

RT: 23.262 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM043318.D

Acq: 14 Dec 2023 01:12

Instrument :

BNA_M

ClientSampleId :

DCLH1

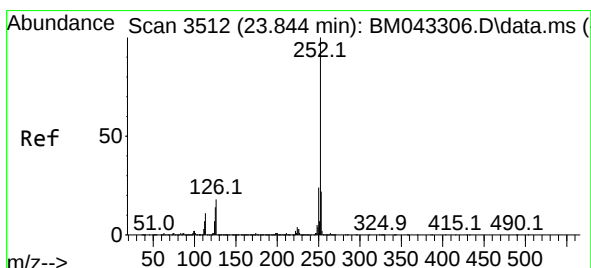
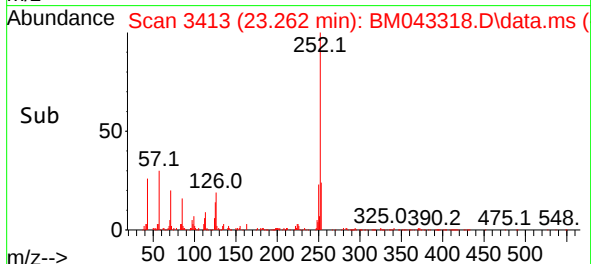
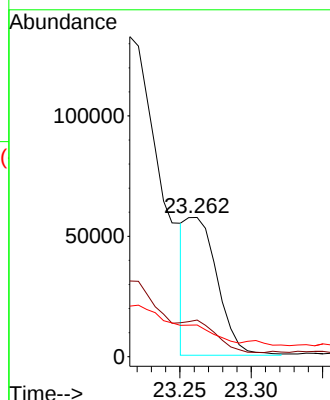
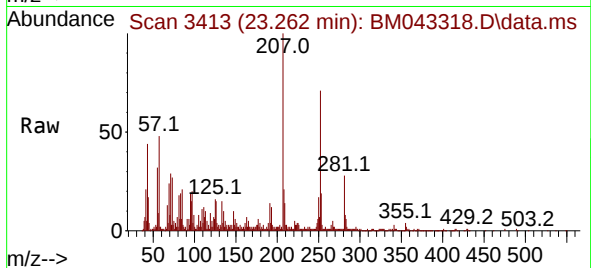
Tgt Ion:	252	Resp:	8775
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.9	26.9
125	22.7	7.7	11.5

Manual Integrations

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Supervised By :mohammad ahmed 12/15/2023



#93

Benzo(a)pyrene

Concen: 1.476 ng/ul

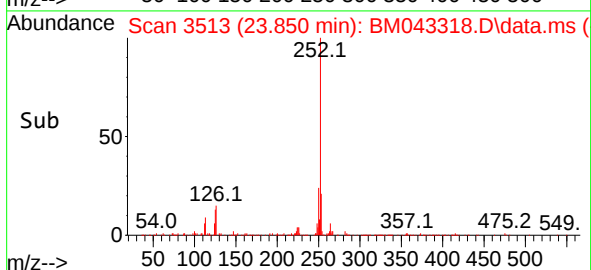
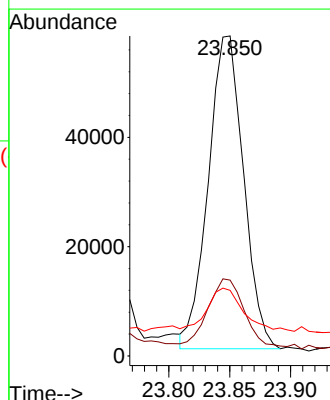
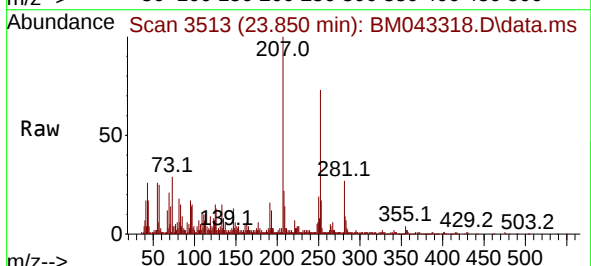
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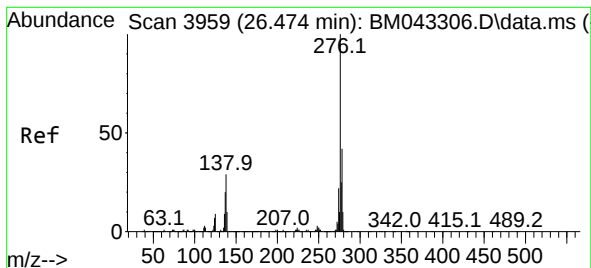
Delta R.T. 0.006 min

Lab File: BM043318.D

Acq: 14 Dec 2023 01:12

Tgt Ion:	252	Resp:	115384
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.8	26.6
125	20.5	8.4	12.6





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.214 ng/ul

RT: 26.468 min Scan# 3958

Delta R.T. -0.006 min

Lab File: BM043318.D

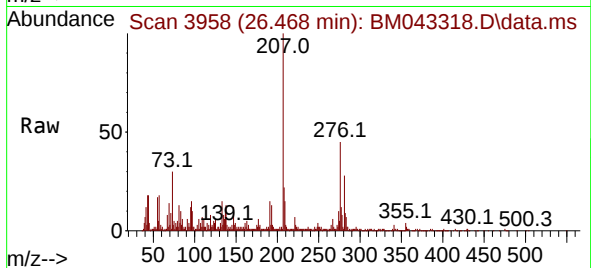
Acq: 14 Dec 2023 01:12

Instrument :

BNA_M

ClientSampleId :

DCLH1



Tgt Ion:276 Resp: 10811

Ion Ratio Lower Upper

276 100

138 27.8 16.9 25.3

277 26.9 19.5 29.3

Manual Integrations

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Supervised By :mohammad ahmed 12/15/2023

