

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
 Data File : BM043333.D
 Acq On : 14 Dec 2023 10:50
 Operator : MA/JU
 Sample : 05690-04DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLH3DL

Quant Time: Dec 14 23:08:42 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	337576	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1628879	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	969660	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.362	188	1906803	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.533	240	1323935	20.000	ng/u1	# 0.00
88) Perylene-d12	23.950	264	1238850	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.398	96	3500	0.407	ng/uL	0.00
4) Pyridine-d5	3.840	84	18683m	0.732	ng/u1	0.02
7) Phenol-d5	7.157	99	80745	2.409	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	52849	2.547	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	60418	2.365	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	57220	2.158	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	31256	2.251	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	27991	2.091	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	56691	1.900	ng/u1	0.00
31) 4-Chloroaniline-d4	10.951	131	62083	1.446	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	196060	2.307	ng/u1	0.00
49) Acenaphthylene-d8	14.321	160	220404	2.241	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	19546	1.283	ng/u1	0.00
60) Fluorene-d10	15.609	176	173056	2.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	4936	0.470	ng/u1	0.00
73) Anthracene-d10	17.462	188	249202	2.416	ng/u1	0.00
81) Pyrene-d10	19.744	212	255563	3.017	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.791	264	176847	2.446	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.857	128	202495	2.025	ng/u1	98
36) 2-Methylnaphthalene	12.457	142	279705	3.889	ng/u1	99
37) 1-Methylnaphthalene	12.674	142	151222	2.071	ng/u1	97
52) Acenaphthene	14.686	153	885021	12.072	ng/u1	100
61) Fluorene	15.668	166	1294607	14.934	ng/u1	99
72) Phenanthrene	17.409	178	5533853	46.540	ng/u1	99
74) Anthracene	17.498	178	3488282	29.123	ng/u1	100
80) Fluoranthene	19.415	202	2687151	27.653	ng/u1#	93
82) Pyrene	19.774	202	1729626	17.111	ng/u1#	92
85) Benzo(a)anthracene	21.515	228	312815	3.082	ng/u1	98
87) Chrysene	21.574	228	299359	3.302	ng/u1	99
90) Benzo(b)fluoranthene	23.215	252	142717	1.615	ng/u1#	93

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

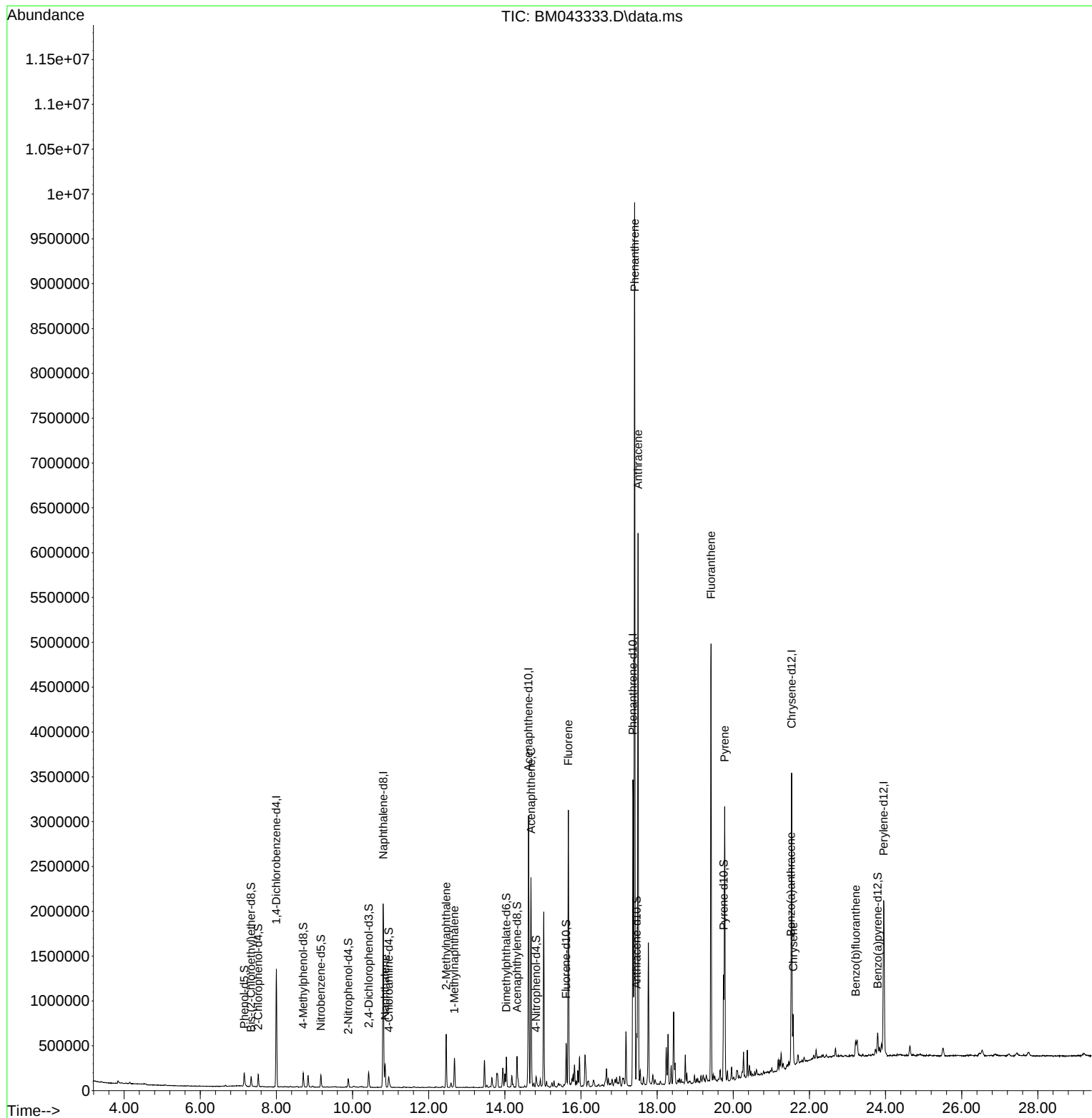
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043333.D
Acq On : 14 Dec 2023 10:50
Operator : MA/JU
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Misc :
ALS Vial : 28 Sample Multiplier: 1

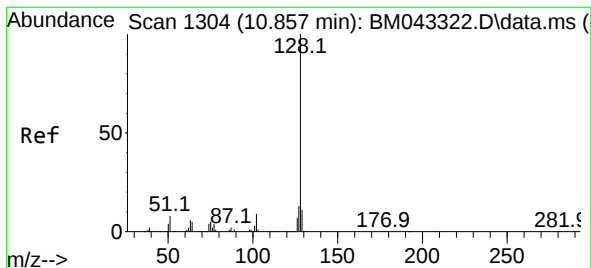
Instrument :
BNA_M
ClientSampleId :
DCLH3DL

Quant Time: Dec 14 23:08:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
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APPROVED

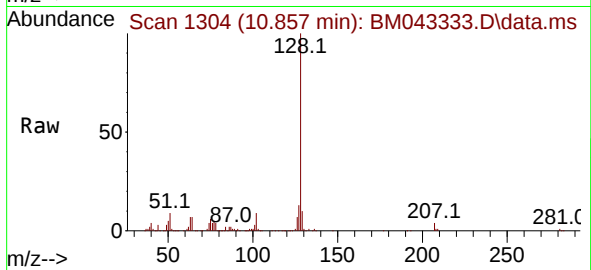
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023





#30
Naphthalene
Concen: 2.025 ng/ul
RT: 10.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043333.D
Acq: 14 Dec 2023 10:50

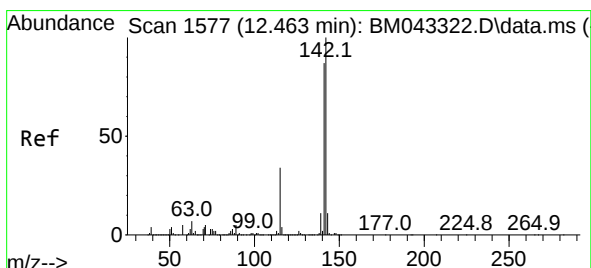
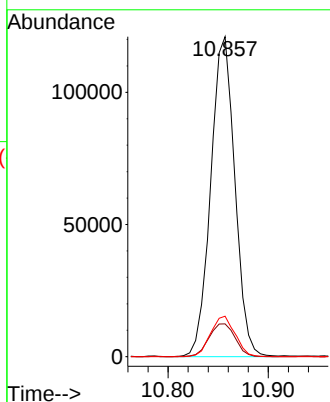
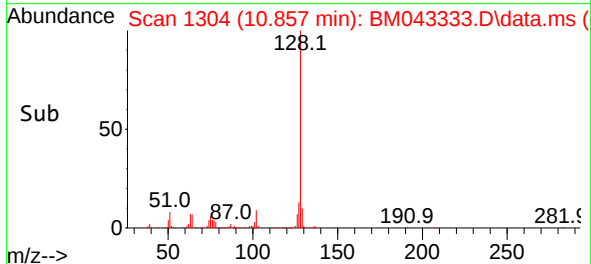
Instrument :
BNA_M
ClientSampleId :
DCLH3DL



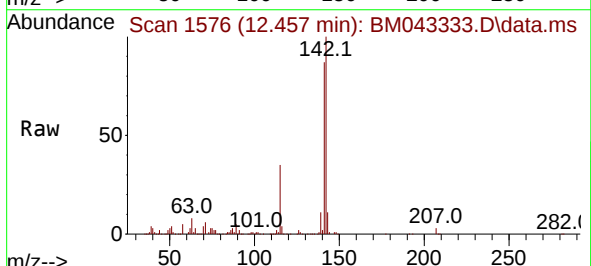
Tgt Ion:128 Resp: 202495
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.4
127 12.7 10.4 15.6

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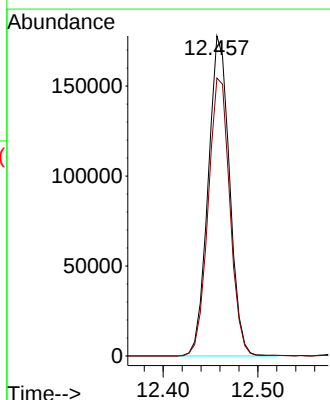
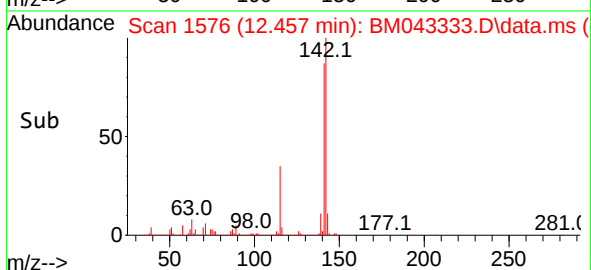
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023

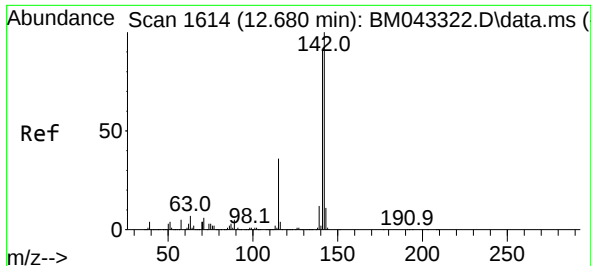


#36
2-Methylnaphthalene
Concen: 3.889 ng/ul
RT: 12.457 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BM043333.D
Acq: 14 Dec 2023 10:50



Tgt Ion:142 Resp: 279705
Ion Ratio Lower Upper
142 100
141 86.8 70.0 105.0





#37

1-Methylnaphthalene

Concen: 2.071 ng/u1

RT: 12.674 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM043333.D

Acq: 14 Dec 2023 10:50

Instrument :

BNA_M

ClientSampleId :

DCLH3DL

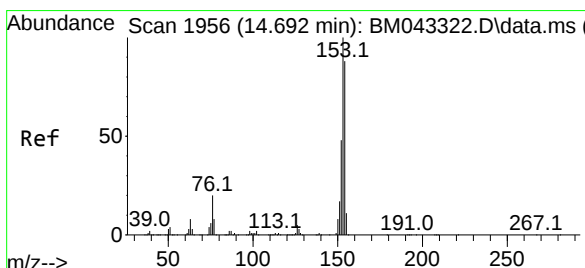
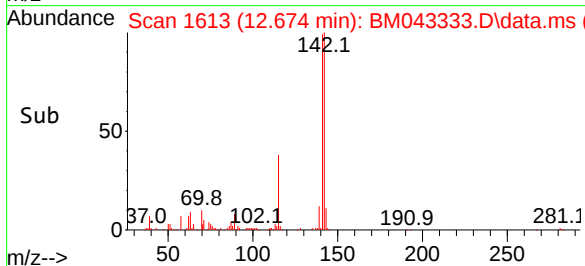
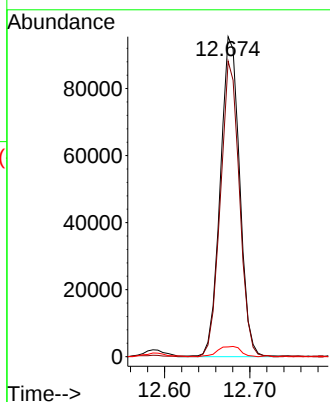
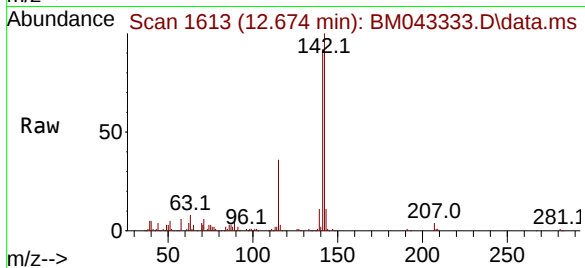
Tgt Ion:	142	Resp:	15122
Ion Ratio	Lower	Upper	
142	100		
141	92.4	71.9	107.9
116	3.0	2.8	4.2

Manual Integrations

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Supervised By :mohammad ahmed 12/15/2023



#52

Acenaphthene

Concen: 12.072 ng/u1

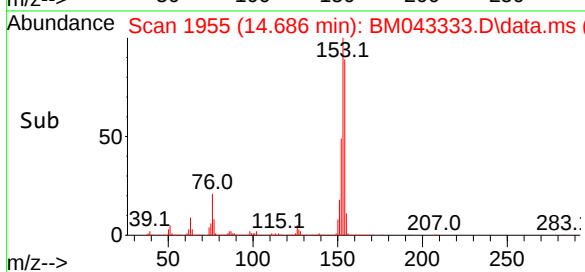
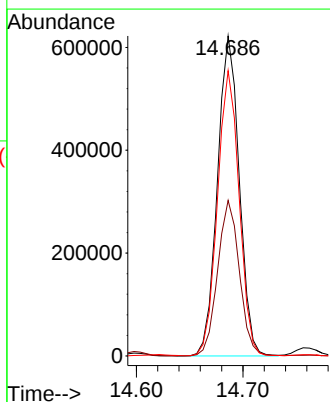
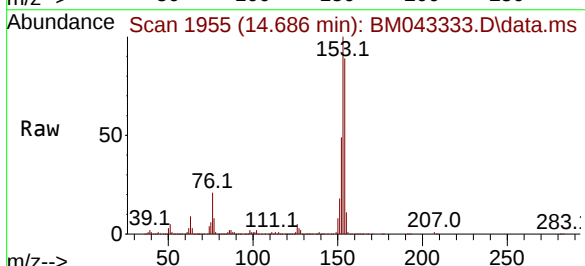
RT: 14.686 min Scan# 1955

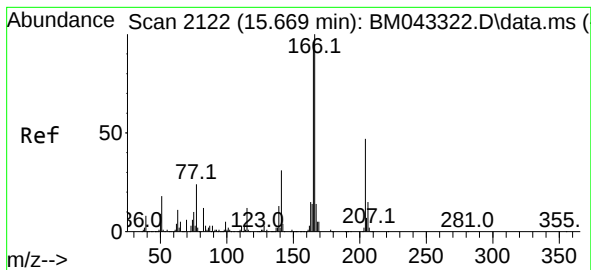
Delta R.T. -0.000 min

Lab File: BM043333.D

Acq: 14 Dec 2023 10:50

Tgt Ion:	153	Resp:	885021
Ion Ratio	Lower	Upper	
153	100		
152	48.6	38.6	58.0
154	89.1	71.6	107.4





#61

Fluorene

Concen: 14.934 ng/ul

RT: 15.668 min Scan# 2122

Delta R.T. -0.000 min

Lab File: BM043333.D

Acq: 14 Dec 2023 10:50

Instrument :

BNA_M

ClientSampleId :

DCLH3DL

Tgt Ion:166 Resp: 129460

Ion Ratio Lower Upper

166 100

165 95.5 77.5 116.3

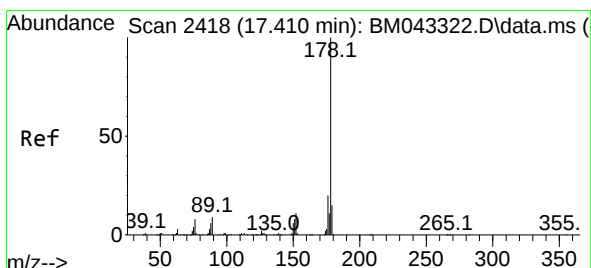
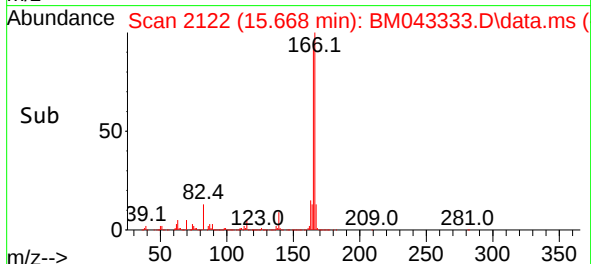
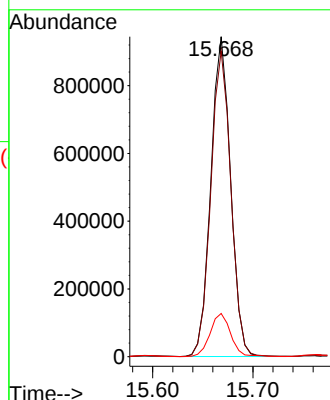
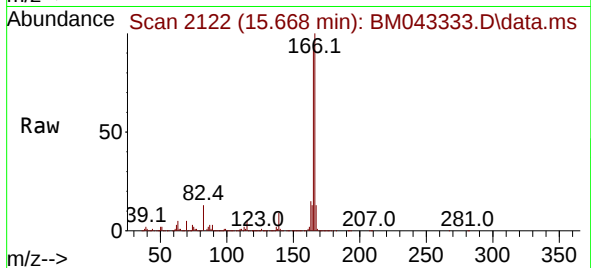
167 13.5 10.7 16.1

Manual Integrations

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Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#72

Phenanthrene

Concen: 46.540 ng/ul

RT: 17.409 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM043333.D

Acq: 14 Dec 2023 10:50

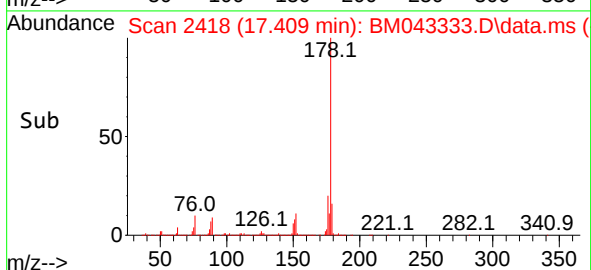
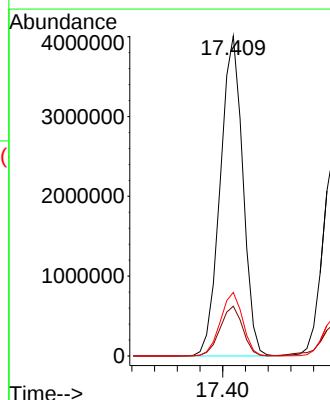
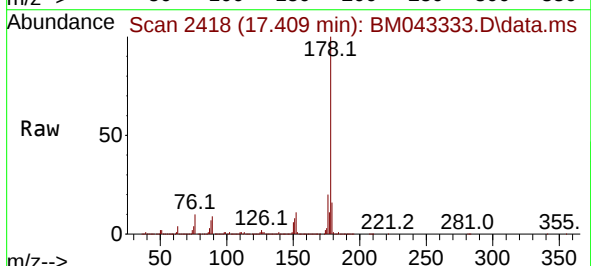
Tgt Ion:178 Resp: 5533853

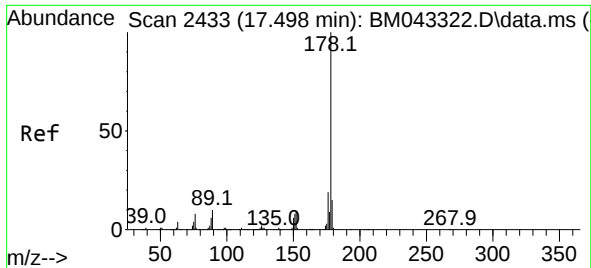
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

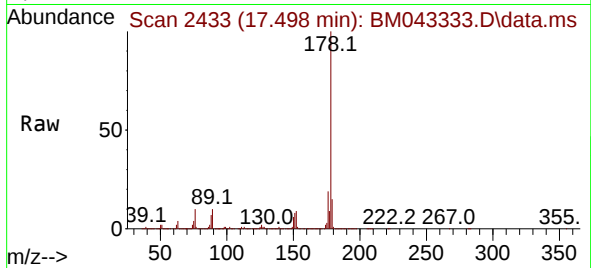
176 19.9 15.7 23.5





#74
 Anthracene
 Concen: 29.123 ng/u1
 RT: 17.498 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BM043333.D
 Acq: 14 Dec 2023 10:50

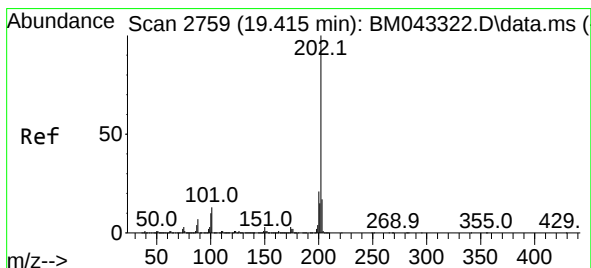
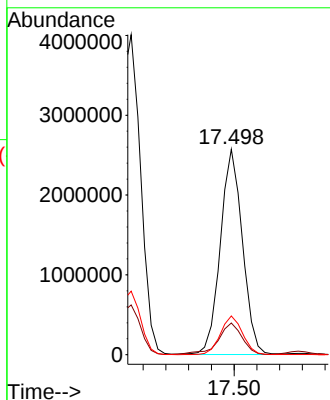
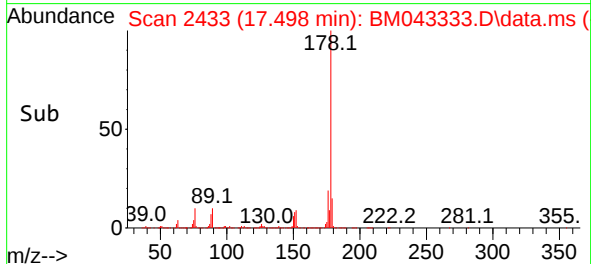
Instrument :
 BNA_M
 ClientSampleId :
 DCLH3DL



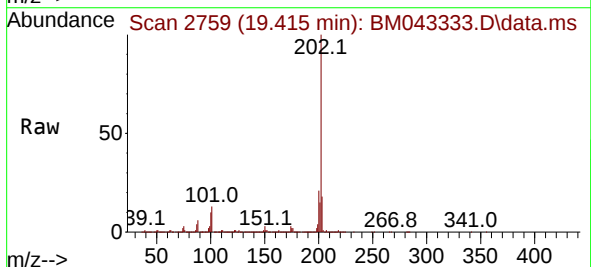
Tgt Ion:178 Resp: 348828
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.1 18.1
 176 18.9 15.1 22.7

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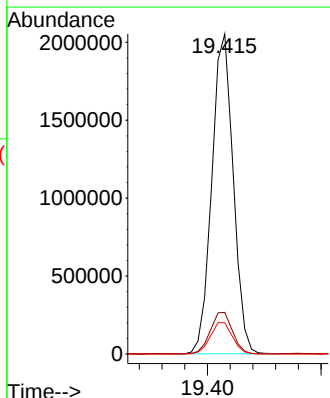
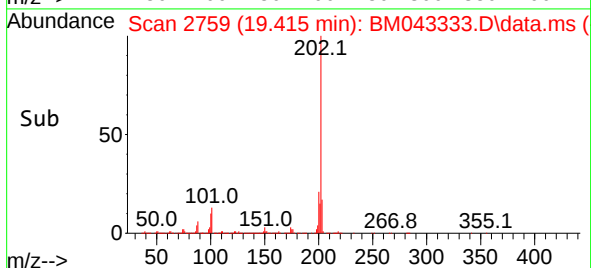
Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

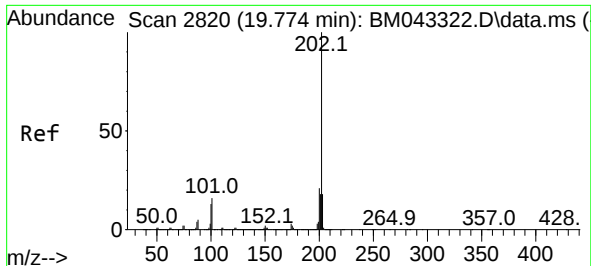


#80
 Fluoranthene
 Concen: 27.653 ng/u1
 RT: 19.415 min Scan# 2759
 Delta R.T. -0.000 min
 Lab File: BM043333.D
 Acq: 14 Dec 2023 10:50



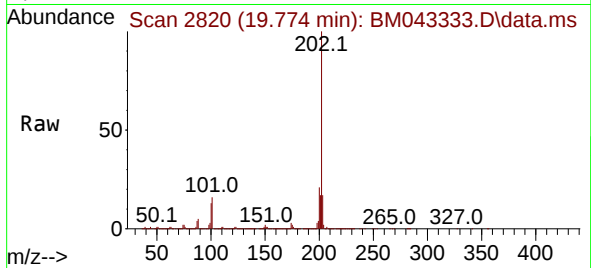
Tgt Ion:202 Resp: 2687151
 Ion Ratio Lower Upper
 202 100
 101 13.0 8.2 12.2#
 100 9.7 6.1 9.1#





#82
Pyrene
Concen: 17.111 ng/ul
RT: 19.774 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BM043333.D
Acq: 14 Dec 2023 10:50

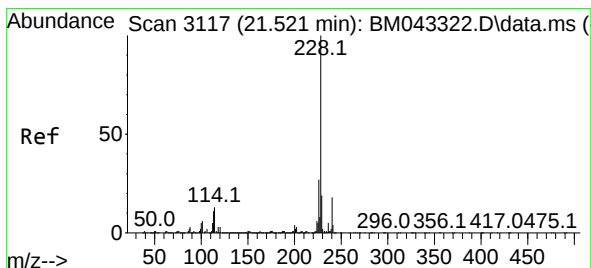
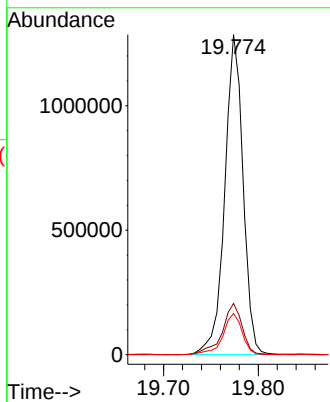
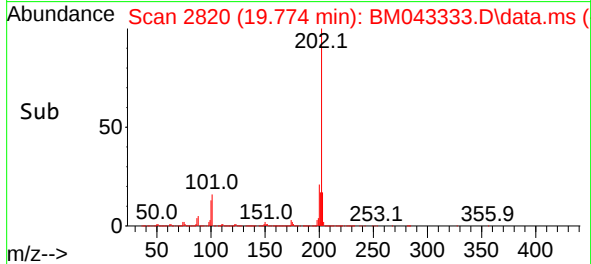
Instrument :
BNA_M
ClientSampleId :
DCLH3DL



Tgt Ion:202 Resp: 1729620
Ion Ratio Lower Upper
202 100
101 16.0 10.2 15.2
100 12.9 8.2 12.2

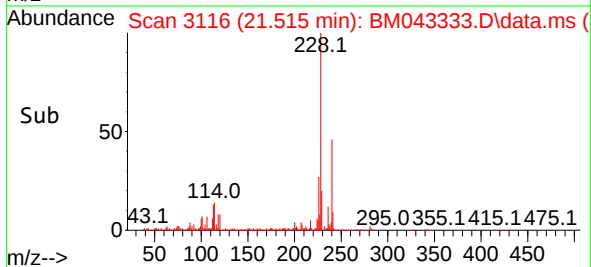
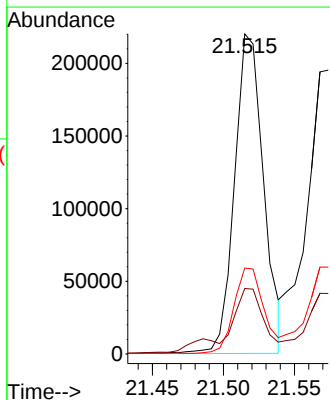
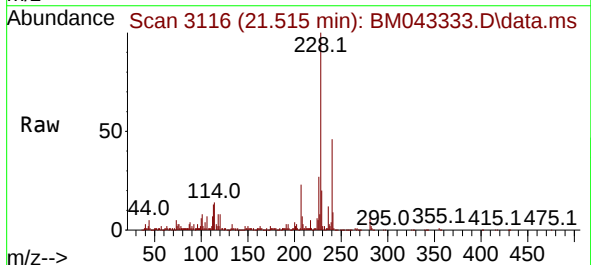
Manual Integrations
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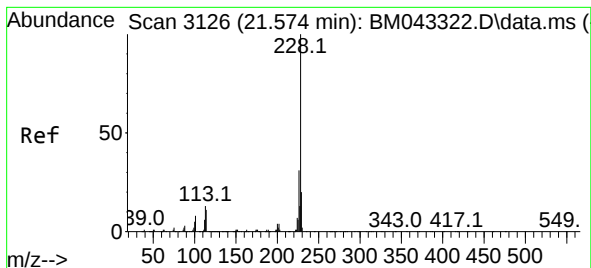
Reviewed By :Yogesh Patel 12/15/2023
Supervised By :mohammad ahmed 12/15/2023



#85
Benzo(a)anthracene
Concen: 3.082 ng/ul
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM043333.D
Acq: 14 Dec 2023 10:50

Tgt Ion:228 Resp: 312815
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 26.9 22.2 33.4





#87

Chrysene

Concen: 3.302 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.000 min

Lab File: BM043333.D

Acq: 14 Dec 2023 10:50

Instrument :

BNA_M

ClientSampleId :

DCLH3DL

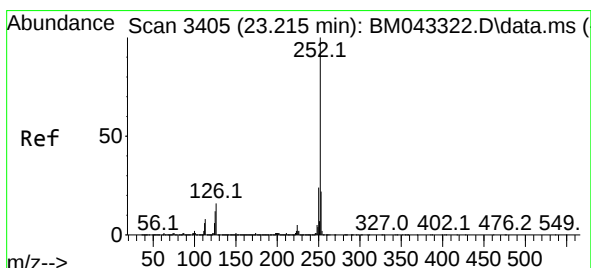
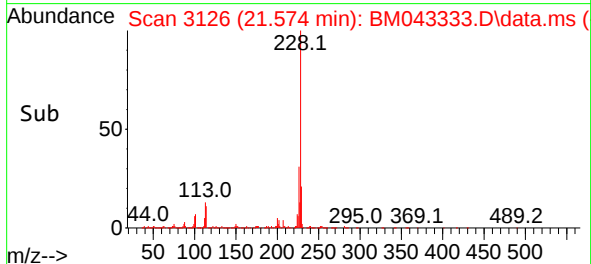
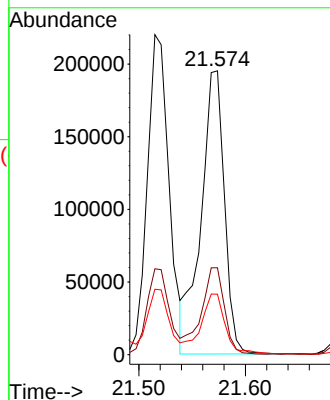
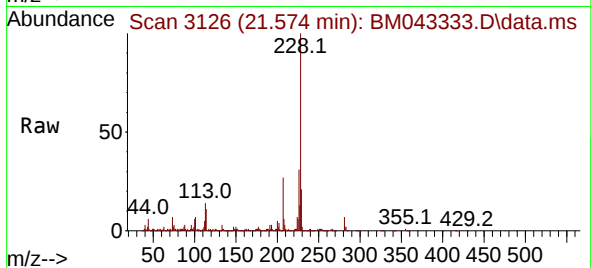
Tgt Ion:	228	Resp:	29935
Ion Ratio	Lower	Upper	
228	100		
226	30.6	24.8	37.2
229	21.3	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/15/2023



#90

Benzo(b)fluoranthene

Concen: 1.615 ng/ul

RT: 23.215 min Scan# 3405

Delta R.T. -0.000 min

Lab File: BM043333.D

Acq: 14 Dec 2023 10:50

Tgt Ion:	252	Resp:	142717
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	15.0	7.2	10.8

