

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042753.D
 Acq On : 15 Nov 2023 03:23
 Operator : MA/JU
 Sample : 05079-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BHEE2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 15 04:55:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	27328	20.000	ng/u1	0.00
20) Naphthalene-d8	10.645	136	124886	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.486	164	101640	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.245	188	219204	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.421	240	206169	20.000	ng/u1	#-0.01
88) Perylene-d12	23.786	264	232381	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3913	4.493	ng/uL	0.00
4) Pyridine-d5	3.628	84	17473	8.065	ng/u1	0.00
7) Phenol-d5	7.004	99	24930	9.373	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	68116	36.447	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	55211	26.903	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	43216	20.636	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	32473	29.658	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	38047	29.704	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	71456	30.002	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	17833	5.897	ng/u1	0.00
46) Dimethylphthalate-d6	13.910	166	313184	32.557	ng/u1	0.00
49) Acenaphthylene-d8	14.186	160	337878	32.828	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.757	143	8601	7.914	ng/u1	0.01
60) Fluorene-d10	15.480	176	283337	35.569	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.633	200	50960	30.691	ng/u1	0.00
73) Anthracene-d10	17.339	188	448848	36.537	ng/u1	-0.01
81) Pyrene-d10	19.639	212	576923	42.733	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.633	264	507477	36.509	ng/u1	-0.02
Target Compounds						
					Qvalue	
37) 1-Methylnaphthalene	12.527	142	11691	2.121	ng/u1#	87
52) Acenaphthene	14.551	153	17093	2.191	ng/u1	85
56) Dibenzofuran	14.892	168	11580	1.070	ng/u1#	69
61) Fluorene	15.539	166	30438	3.312	ng/u1#	98
72) Phenanthrene	17.286	178	123466	9.016	ng/u1#	92
80) Fluoranthene	19.298	202	25081	1.629	ng/u1#	83
82) Pyrene	19.668	202	118125	7.237	ng/u1#	90
85) Benzo(a)anthracene	21.409	228	60403	3.732	ng/u1#	81
86) Bis(2-ethylhexyl)phtha...	21.292	149	91433	8.644	ng/u1	98
87) Chrysene	21.456	228	67274m	4.286	ng/u1	
90) Benzo(b)fluoranthene	23.056	252	25065m	1.581	ng/u1	
93) Benzo(a)pyrene	23.680	252	27835	1.801	ng/u1#	87
96) Benzo(g,h,i)perylene	27.015	276	17533m	1.150	ng/u1	

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

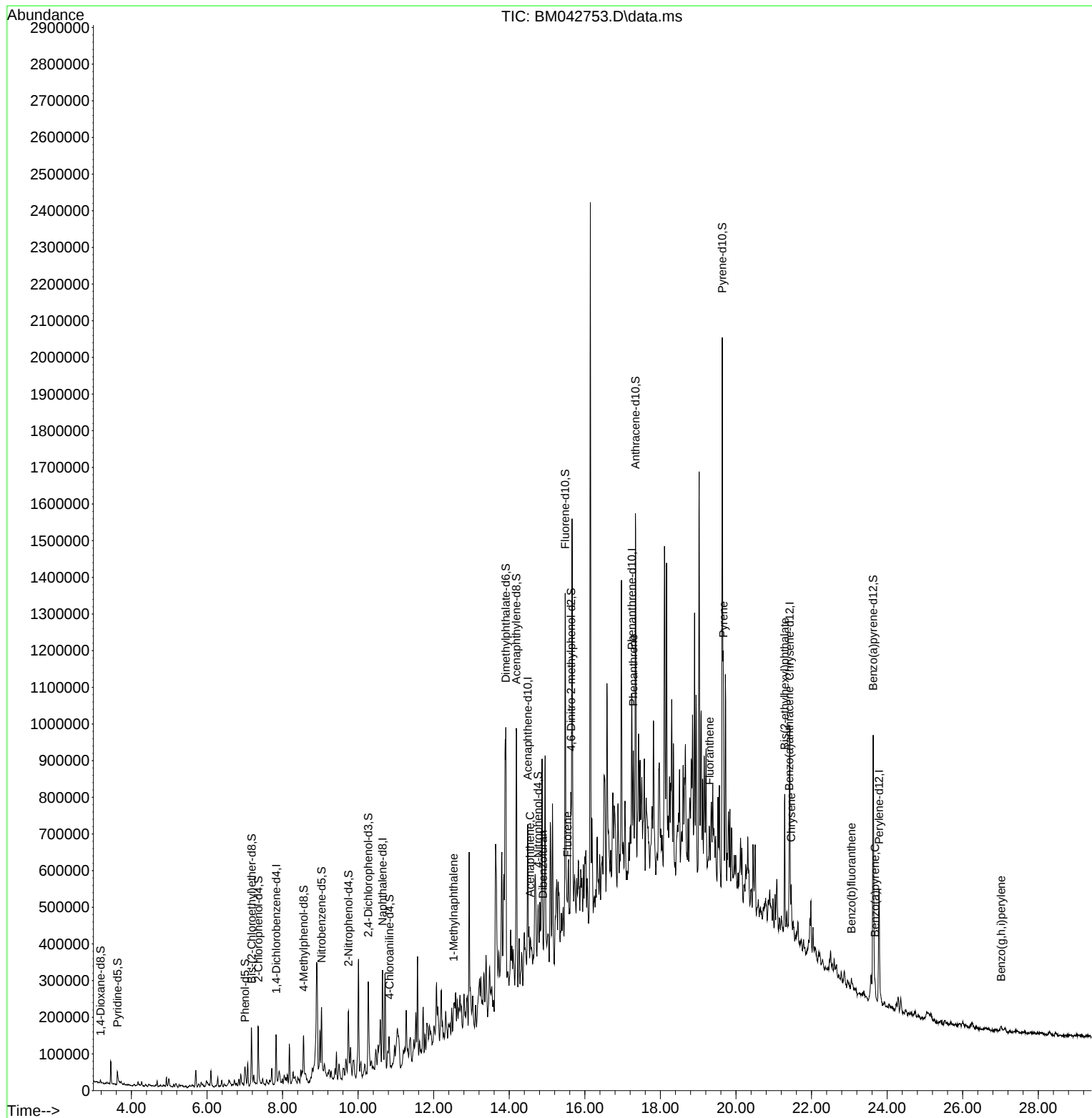
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042753.D
Acq On : 15 Nov 2023 03:23
Operator : MA/JU
Sample : 05079-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

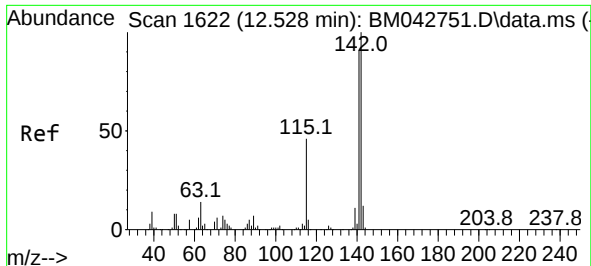
Instrument :
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BHEE2

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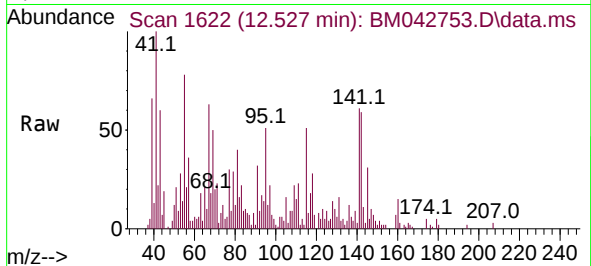
Quant Time: Nov 15 04:55:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 00:02:28 2023
Response via : Initial Calibration





#37
1-Methylnaphthalene
Concen: 2.121 ng/ul
RT: 12.527 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

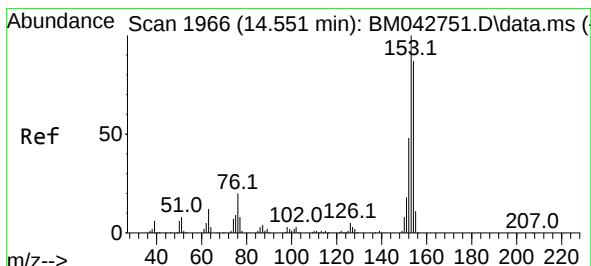
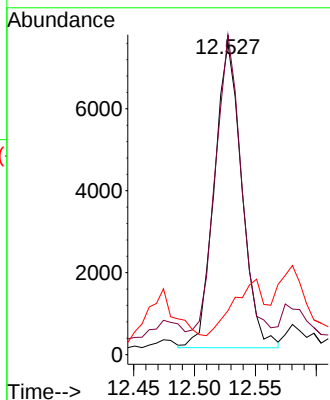
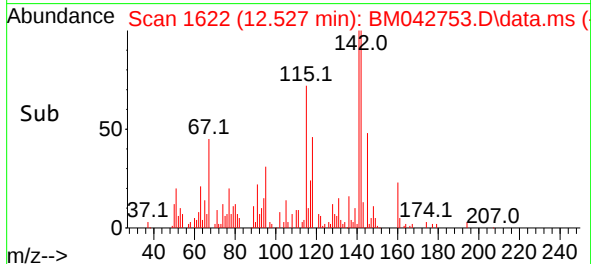
Instrument :
BNA_M
ClientSampleId :
BHEE2



Tgt Ion:142 Resp: 1169
Ion Ratio Lower Upper
142 100
141 103.0 73.3 109.9
116 14.1 3.9 5.9

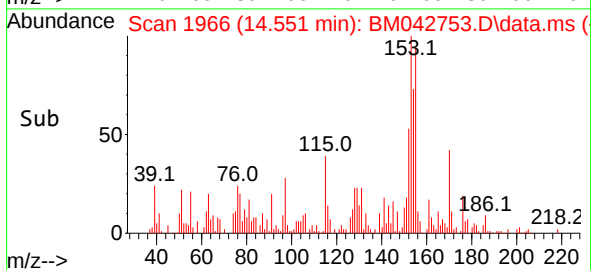
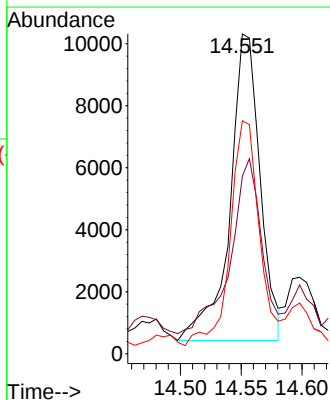
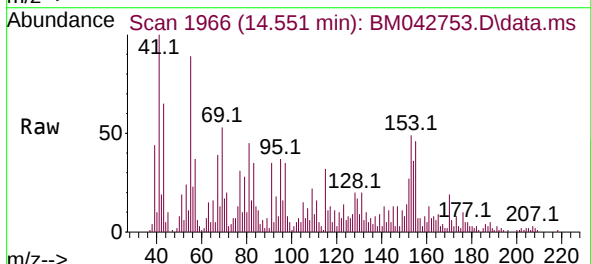
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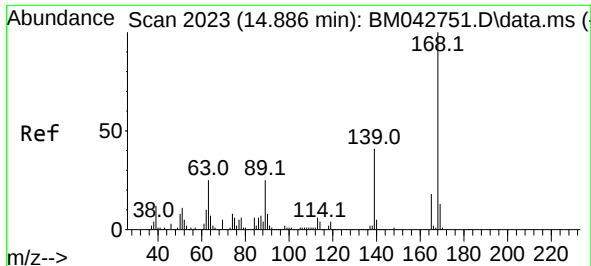
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#52
Acenaphthene
Concen: 2.191 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. -0.012 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

Tgt Ion:153 Resp: 17093
Ion Ratio Lower Upper
153 100
152 55.5 38.2 57.2
154 72.8 71.3 106.9





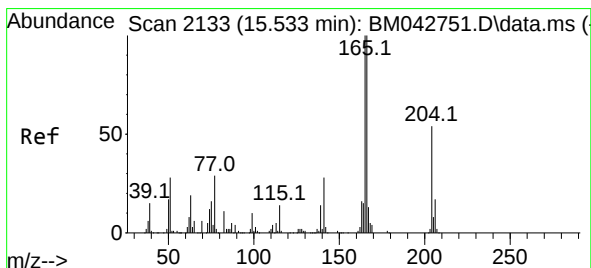
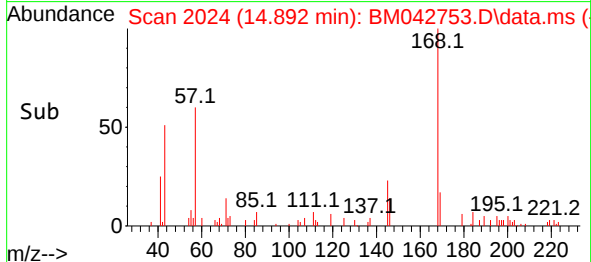
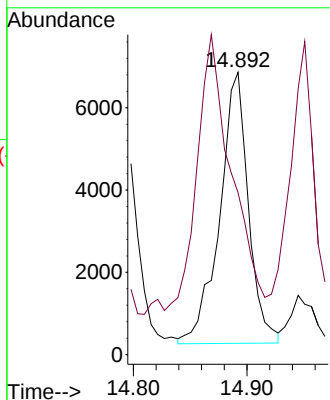
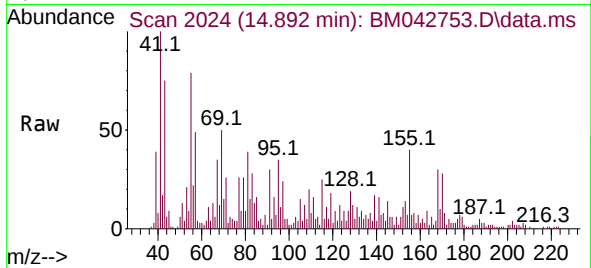
#56
Dibenzenofuran
Concen: 1.070 ng/ul
RT: 14.892 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

Instrument :
BNA_M
ClientSampleId :
BHEE2

Tgt Ion:168 Resp: 11580
Ion Ratio Lower Upper
168 100
139 57.4 30.8 46.2

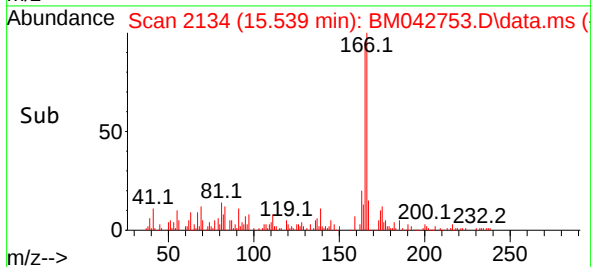
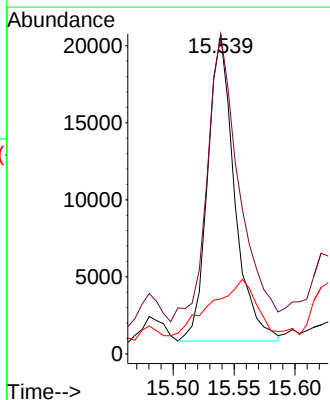
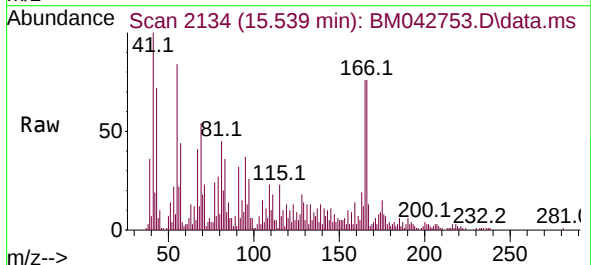
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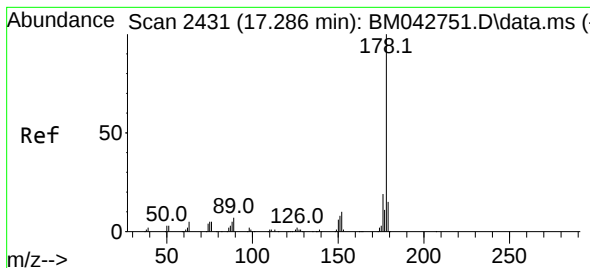
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#61
Fluorene
Concen: 3.312 ng/ul
RT: 15.539 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

Tgt Ion:166 Resp: 30438
Ion Ratio Lower Upper
166 100
165 100.5 79.3 118.9
167 17.2 10.6 15.8





#72

Phenanthrene

Concen: 9.016 ng/ul

RT: 17.286 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BM042753.D

Acq: 15 Nov 2023 03:23

Instrument :

BNA_M

ClientSampleId :

BHEE2

Tgt Ion:178 Resp: 123466

Ion Ratio Lower Upper

178 100

179 21.2 11.4 17.2

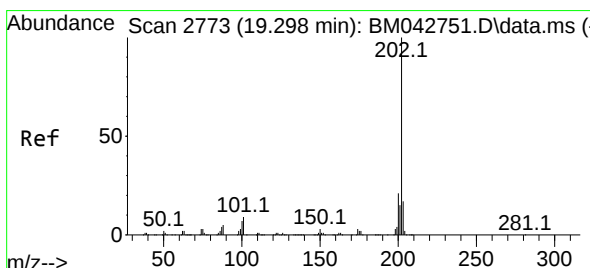
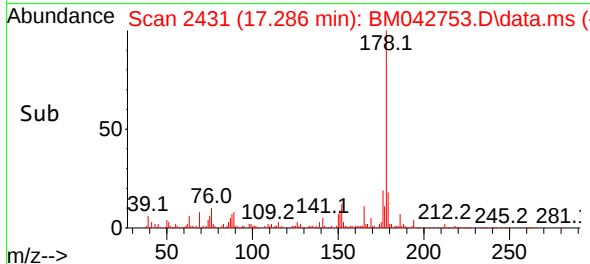
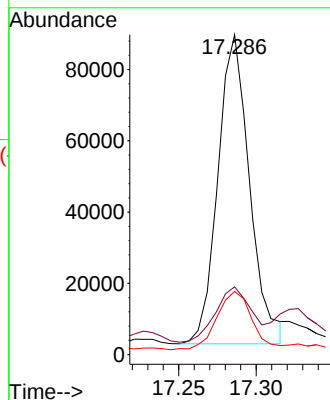
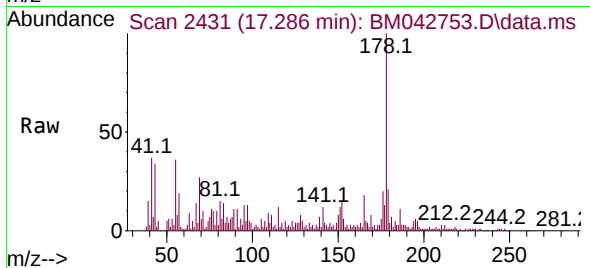
176 19.7 15.5 23.3

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Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#80

Fluoranthene

Concen: 1.629 ng/ul

RT: 19.298 min Scan# 2773

Delta R.T. -0.012 min

Lab File: BM042753.D

Acq: 15 Nov 2023 03:23

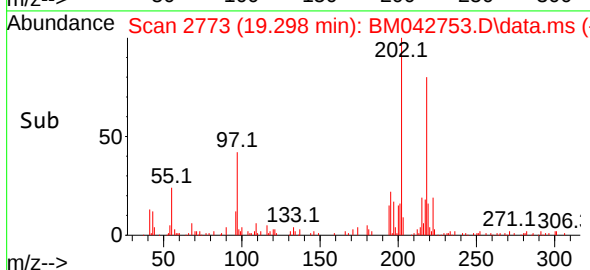
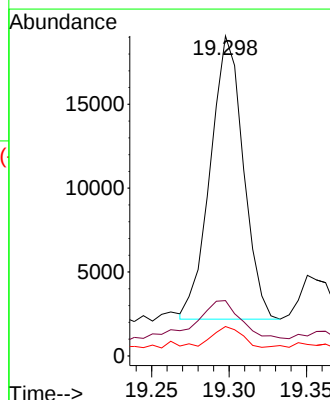
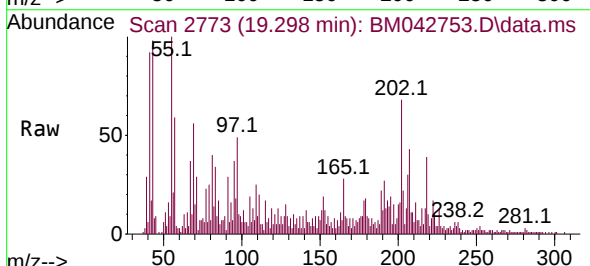
Tgt Ion:202 Resp: 25081

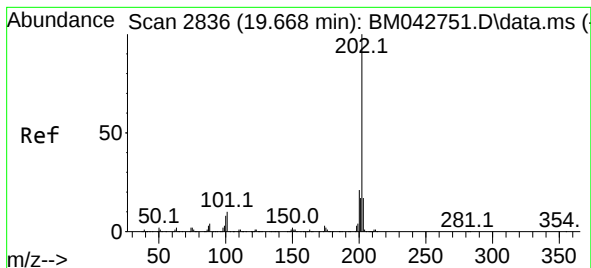
Ion Ratio Lower Upper

202 100

101 17.3 6.6 9.8#

100 9.2 5.6 8.4#





#82

Pyrene

Concen: 7.237 ng/ul

RT: 19.668 min Scan# 2836

Delta R.T. -0.006 min

Lab File: BM042753.D

Acq: 15 Nov 2023 03:23

Instrument :

BNA_M

ClientSampleId :

BHEE2

Tgt Ion:202 Resp: 118125

Ion Ratio Lower Upper

202 100

101 16.4 8.1 12.1

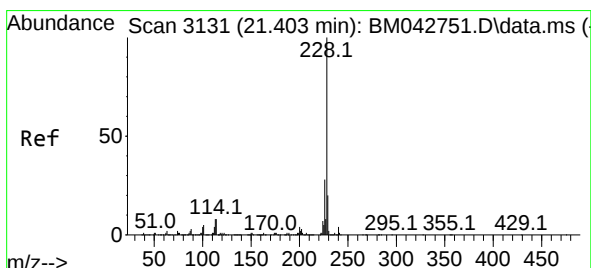
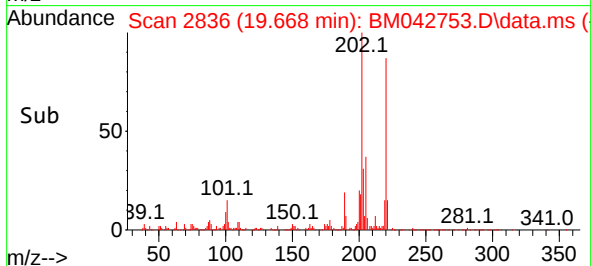
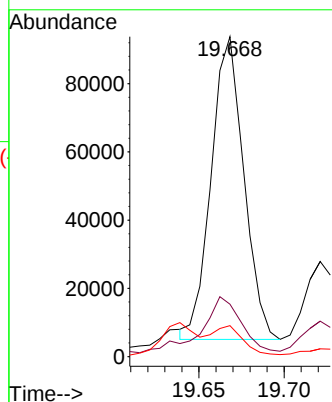
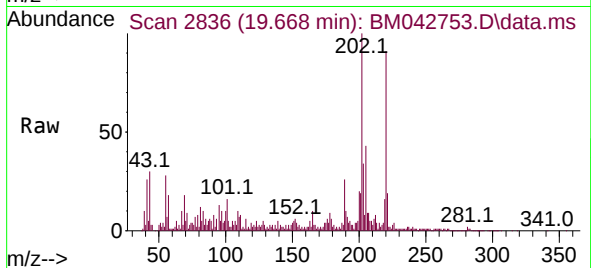
100 9.7 6.9 10.3

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#85

Benzo(a)anthracene

Concen: 3.732 ng/ul

RT: 21.409 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BM042753.D

Acq: 15 Nov 2023 03:23

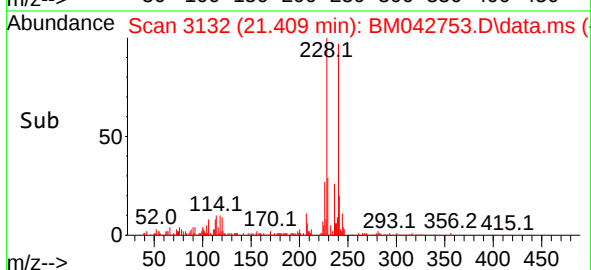
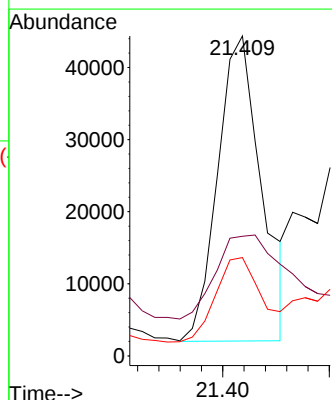
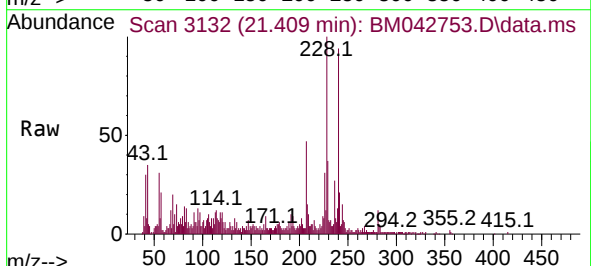
Tgt Ion:228 Resp: 60403

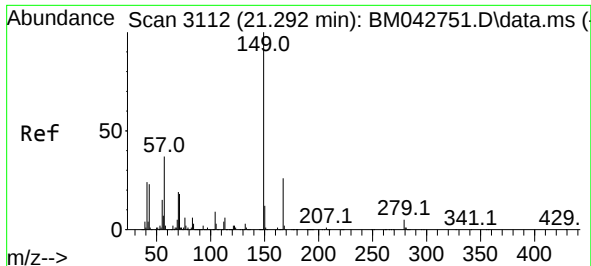
Ion Ratio Lower Upper

228 100

229 37.4 15.8 23.6

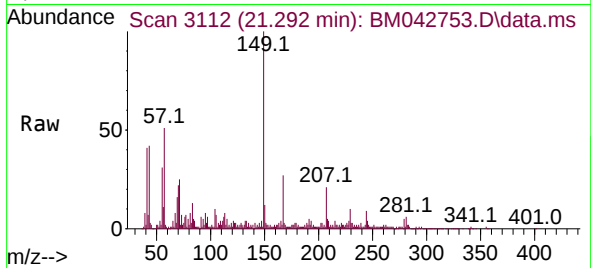
226 30.7 22.5 33.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 8.644 ng/ul
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

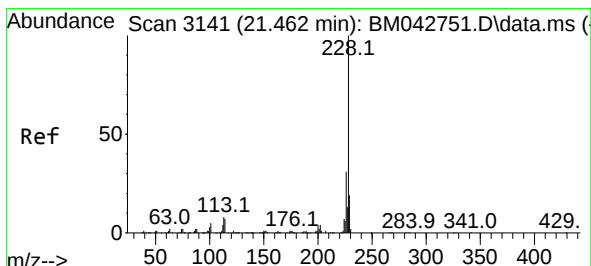
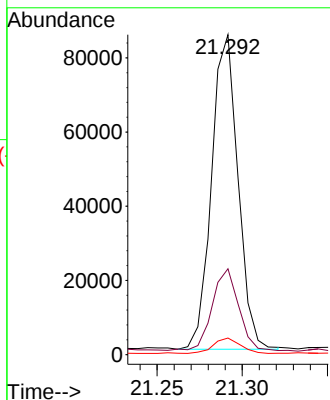
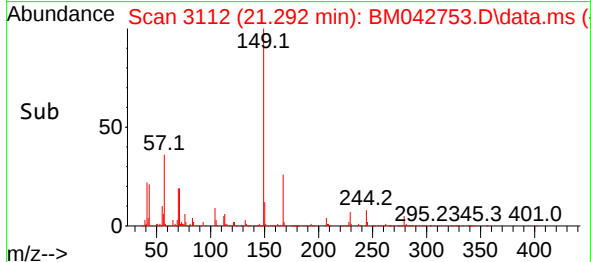
Instrument :
BNA_M
ClientSampleId :
BHEE2



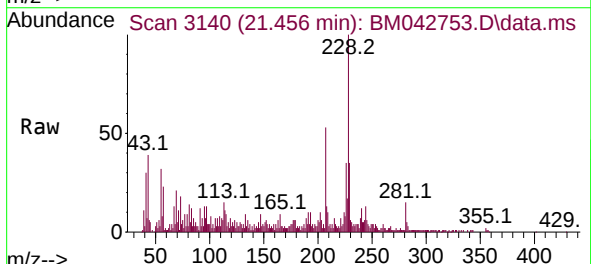
Tgt Ion:149 Resp: 91433
Ion Ratio Lower Upper
149 100
167 26.8 20.6 31.0
279 5.2 3.5 5.3

Manual Integrations
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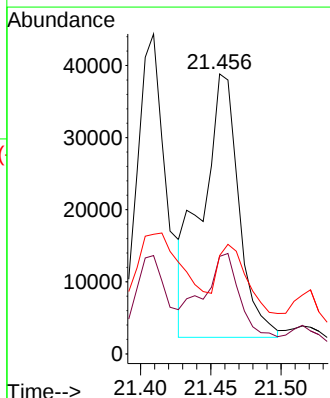
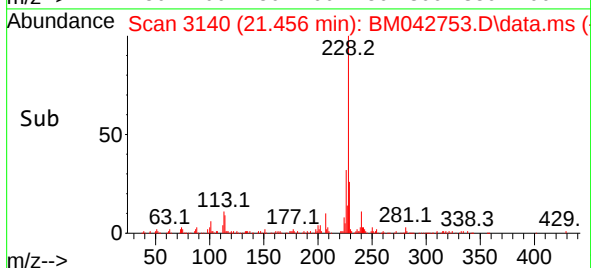
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

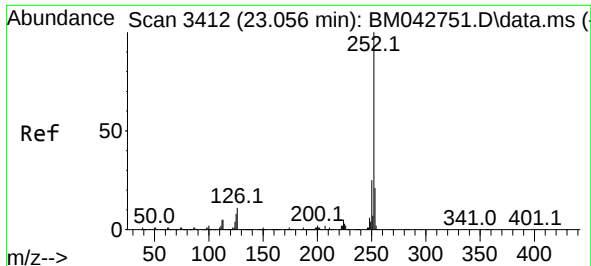


#87
Chrysene
Concen: 4.286 ng/ul m
RT: 21.456 min Scan# 3140
Delta R.T. -0.012 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23



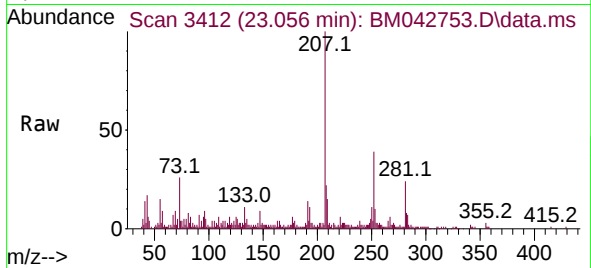
Tgt Ion:228 Resp: 67274
Ion Ratio Lower Upper
228 100
226 34.9 24.3 36.5
229 35.1 15.7 23.5#





#90
Benzo(b)fluoranthene
Concen: 1.581 ng/ul m
RT: 23.056 min Scan# 3412
Delta R.T. -0.018 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

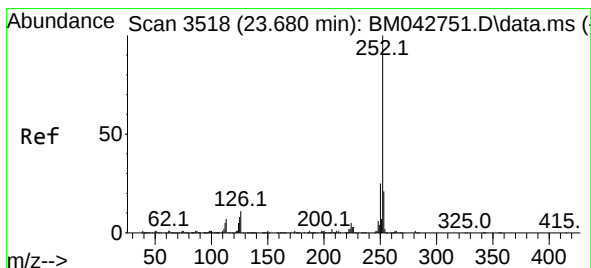
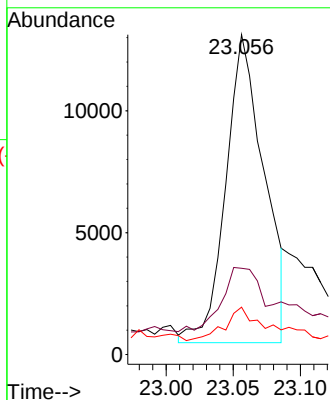
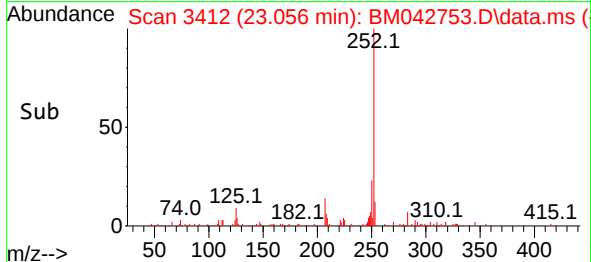
Instrument :
BNA_M
ClientSampleId :
BHEE2



Tgt Ion:252 Resp: 25065
Ion Ratio Lower Upper
252 100
253 27.0 17.0 25.6#
125 14.8 5.2 7.8#

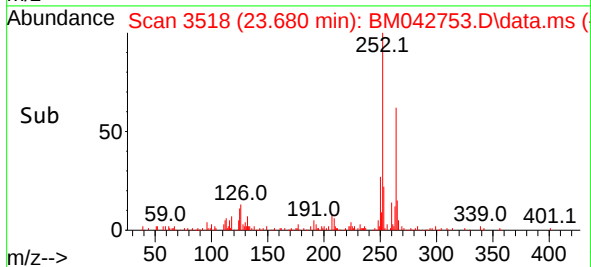
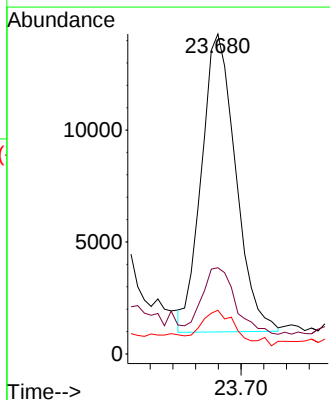
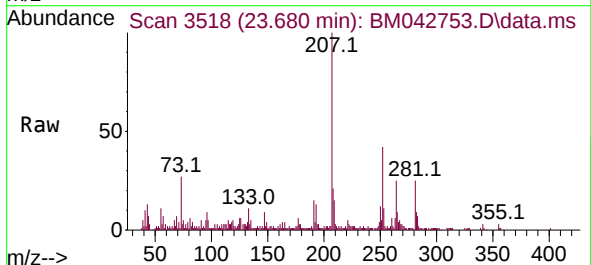
Manual Integrations
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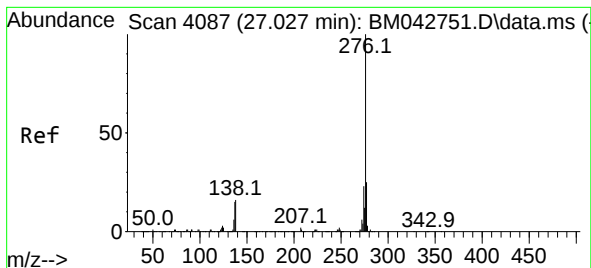
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#93
Benzo(a)pyrene
Concen: 1.801 ng/ul
RT: 23.680 min Scan# 3518
Delta R.T. -0.018 min
Lab File: BM042753.D
Acq: 15 Nov 2023 03:23

Tgt Ion:252 Resp: 27835
Ion Ratio Lower Upper
252 100
253 26.9 17.0 25.6#
125 13.6 6.3 9.5#





#96

Benzo(g,h,i)perylene

Concen: 1.150 ng/ul m

RT: 27.015 min Scan# 40

Delta R.T. -0.035 min

Lab File: BM042753.D

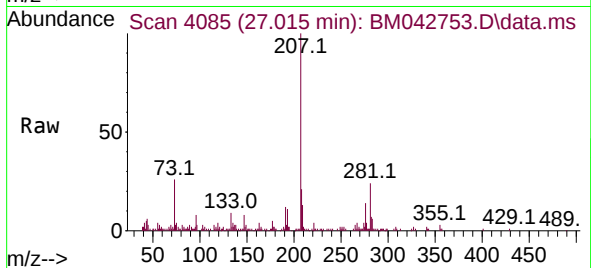
Acq: 15 Nov 2023 03:23

Instrument :

BNA_M

ClientSampleId :

BHEE2



Tgt Ion:276 Resp: 17533

Ion Ratio Lower Upper

276 100

138 20.6 13.0 19.6

277 25.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023

