

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042839.D
 Acq On : 17 Nov 2023 11:59
 Operator : MA/JU
 Sample : 05268-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKC0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/17/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 17 14:13:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 15 22:28:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	30967	20.000	ng/ul	0.00
20) Naphthalene-d8	10.633	136	125685	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.474	164	82431	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.227	188	183656	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.415	240	183619	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	218958	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	2907	2.946	ng/uL	0.00
4) Pyridine-d5	3.622	84	21571	8.787	ng/ul	0.00
7) Phenol-d5	6.992	99	12306	4.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	60836	28.726	ng/ul	0.00
11) 2-Chlorophenol-d4	7.340	132	43522	18.715	ng/ul	-0.01
15) 4-Methylphenol-d8	8.545	113	26385	11.119	ng/ul	0.00
21) Nitrobenzene-d5	9.022	128	26750	24.275	ng/ul	0.00
24) 2-Nitrophenol-d4	9.733	143	29474	22.864	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	53200	22.195	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	57634m	18.938	ng/ul	0.00
46) Dimethylphthalate-d6	13.898	166	234901	30.110	ng/ul	0.00
49) Acenaphthylene-d8	14.174	160	234312	28.070	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.774	143	2398m	2.721	ng/ul	0.04
60) Fluorene-d10	15.468	176	199457	30.874	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.615	200	30955	22.251	ng/ul	-0.01
73) Anthracene-d10	17.327	188	335867	32.632	ng/ul	-0.01
81) Pyrene-d10	19.627	212	453256	37.696	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	460109	35.130	ng/ul	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.686	128	183153	23.260	ng/ul	100
36) 2-Methylnaphthalene	12.298	142	7450	1.412	ng/ul	90
37) 1-Methylnaphthalene	12.516	142	8920	1.608	ng/ul#	99
43) 1,1'-Biphenyl	13.316	154	21174	3.080	ng/ul	99
52) Acenaphthene	14.539	153	20565	3.251	ng/ul	97
56) Dibenzofuran	14.880	168	63345	7.215	ng/ul	97
61) Fluorene	15.527	166	12520	1.680	ng/ul	95
71) Pentachlorophenol	16.868	266	9382	5.452	ng/ul	98
72) Phenanthrene	17.274	178	32429	2.826	ng/ul	98
77) Carbazole	17.657	167	182778	19.181	ng/ul	99

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

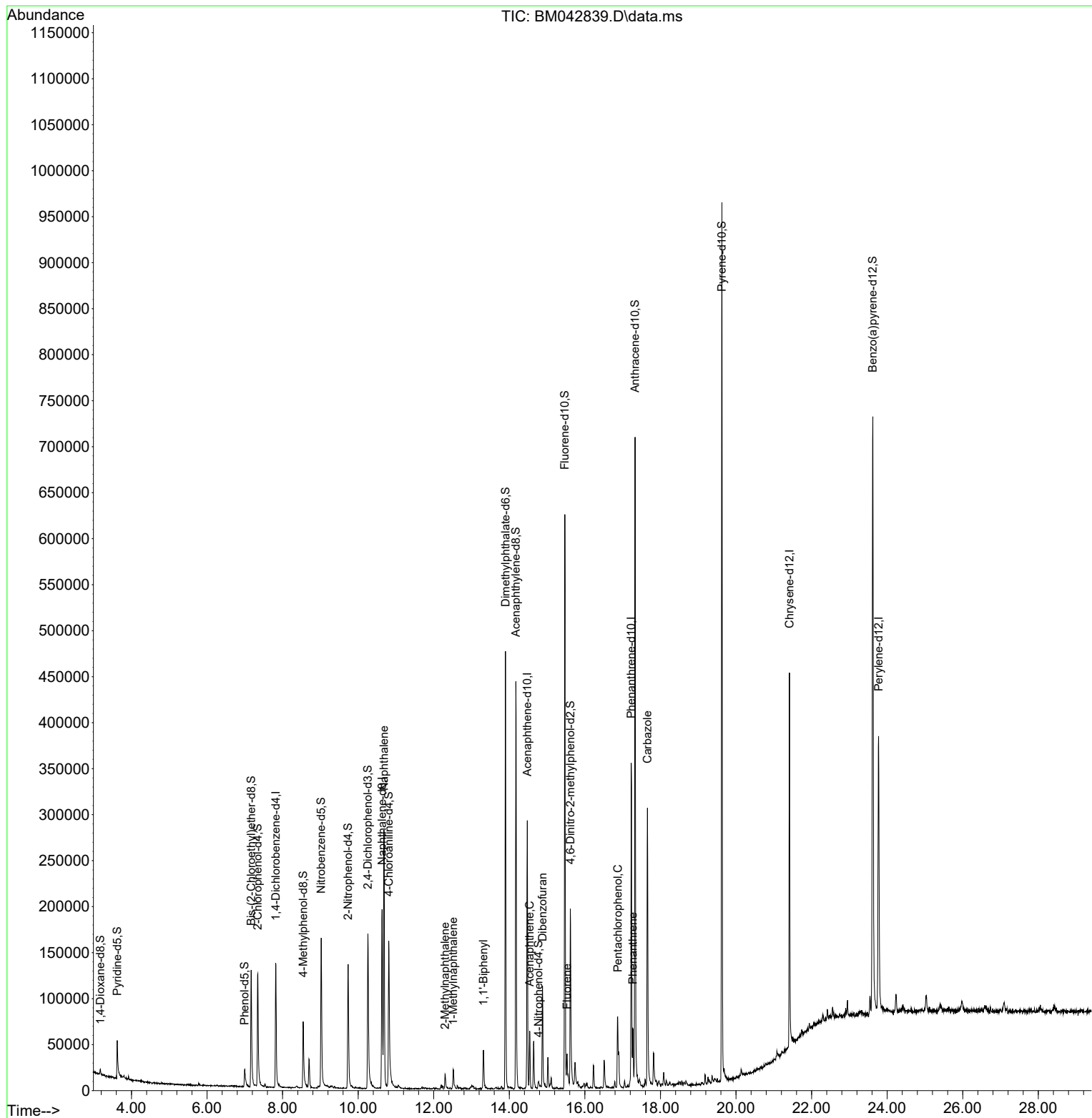
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
Data File : BM042839.D
Acq On : 17 Nov 2023 11:59
Operator : MA/JU
Sample : 05268-03
Misc :
ALS Vial : 81 Sample Multiplier: 1

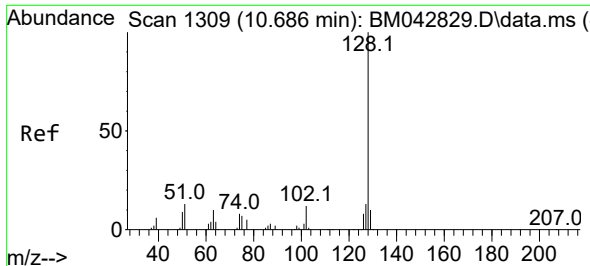
Instrument :
BNA_M
ClientSampleId :
DCKC0

Quant Time: Nov 17 14:13:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 15 22:28:07 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

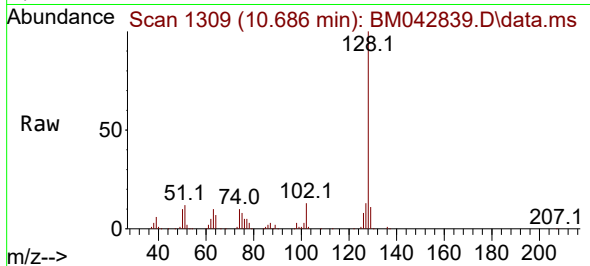
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023





#30
Naphthalene
Concen: 23.260 ng/ul
RT: 10.686 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59

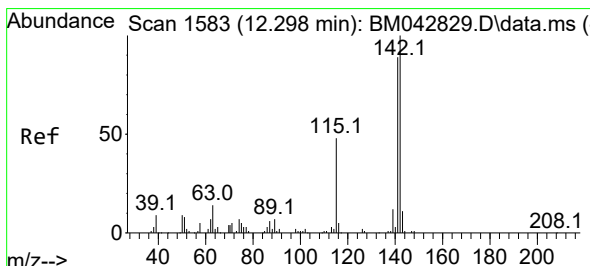
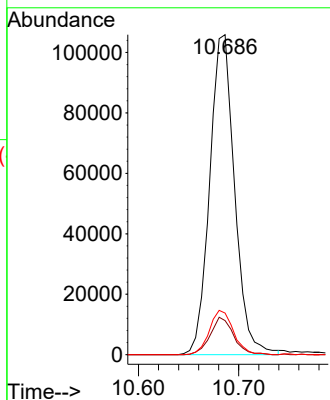
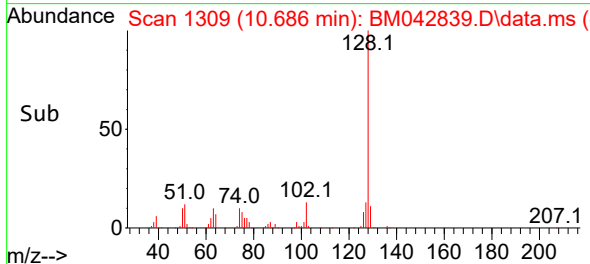
Instrument :
BNA_M
ClientSampleId :
DCKC0



Tgt Ion:128 Resp: 18315
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.5 15.7

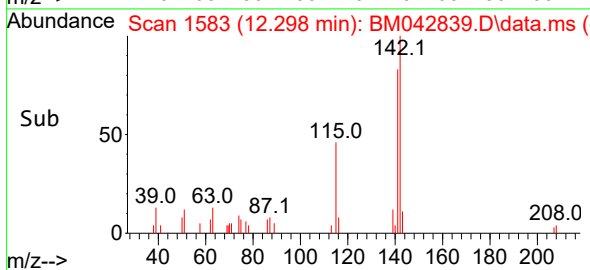
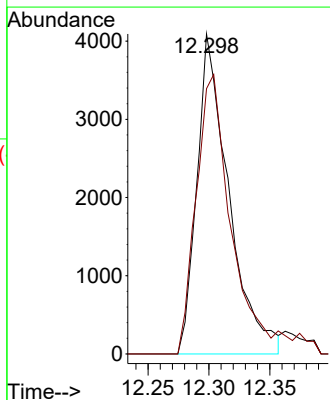
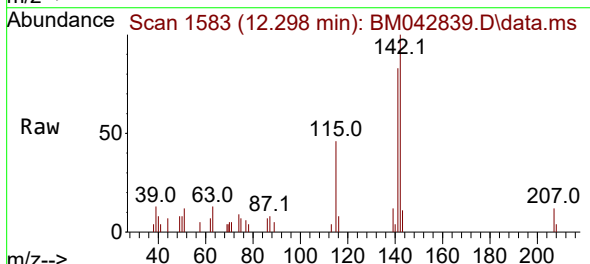
Manual Integrations
APPROVED

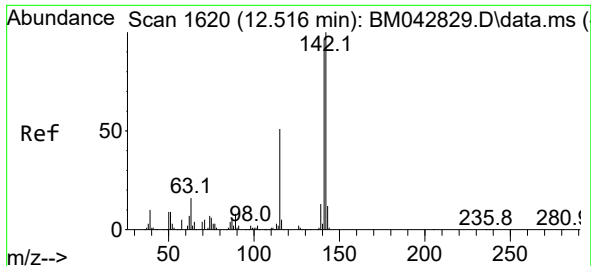
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#36
2-Methylnaphthalene
Concen: 1.412 ng/ul
RT: 12.298 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59

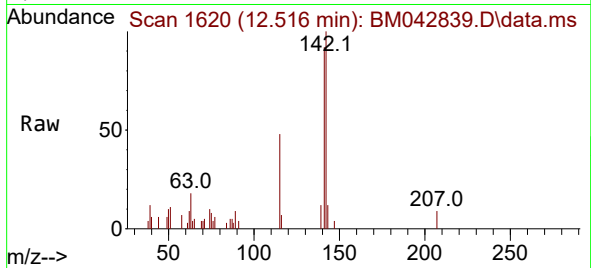
Tgt Ion:142 Resp: 7450
Ion Ratio Lower Upper
142 100
141 82.9 73.6 110.4





#37
1-Methylnaphthalene
Concen: 1.608 ng/ul
RT: 12.516 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59

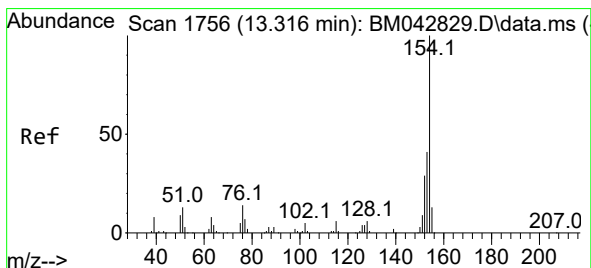
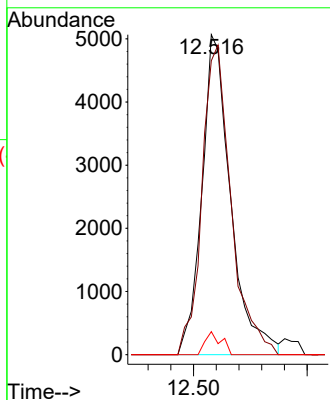
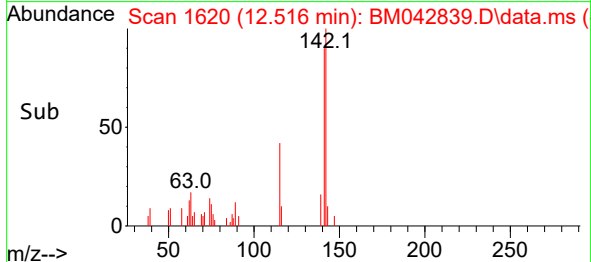
Instrument :
BNA_M
ClientSampleId :
DCKC0



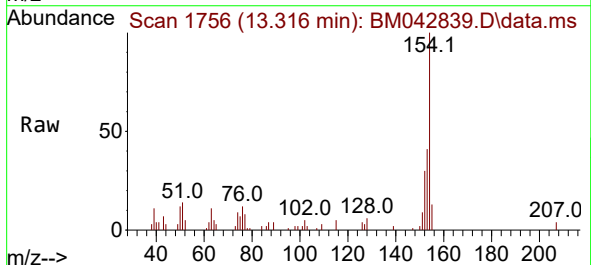
Tgt Ion:142 Resp: 8920
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9
116 7.2 3.9 5.9

Manual Integrations
APPROVED

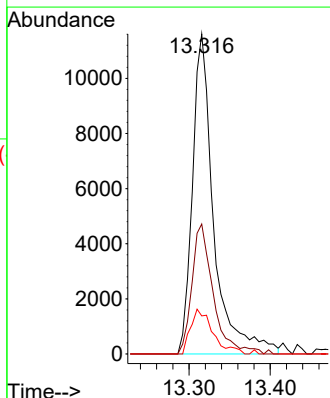
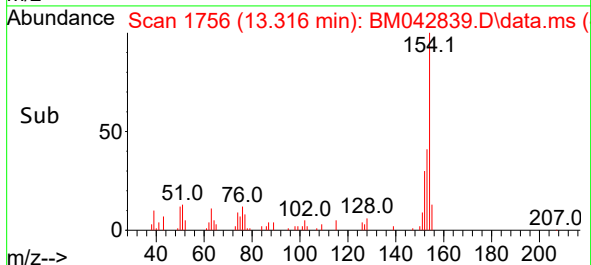
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

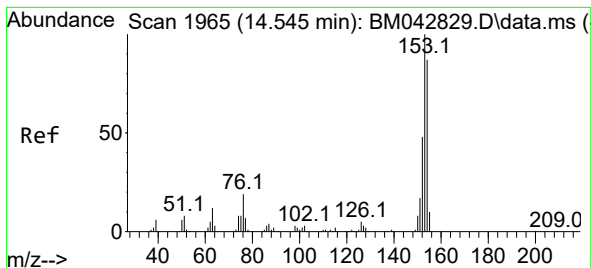


#43
1,1'-Biphenyl
Concen: 3.080 ng/ul
RT: 13.316 min Scan# 1756
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59



Tgt Ion:154 Resp: 21174
Ion Ratio Lower Upper
154 100
153 40.6 32.4 48.6
76 11.9 10.7 16.1





#52

Acenaphthene

Concen: 3.251 ng/ul

RT: 14.539 min Scan# 1965

Delta R.T. -0.012 min

Lab File: BM042839.D

Acq: 17 Nov 2023 11:59

Instrument :

BNA_M

ClientSampleId :

DCKC0

Tgt Ion:153 Resp: 2056

Ion Ratio Lower Upper

153 100

152 45.0 38.2 57.2

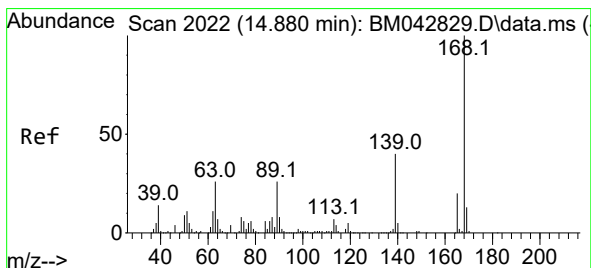
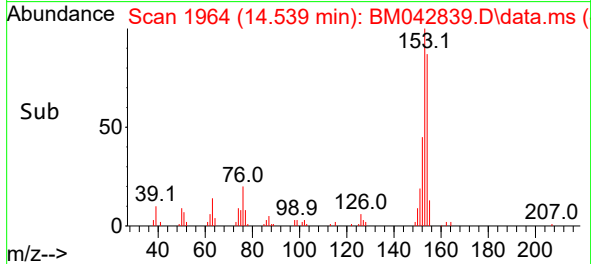
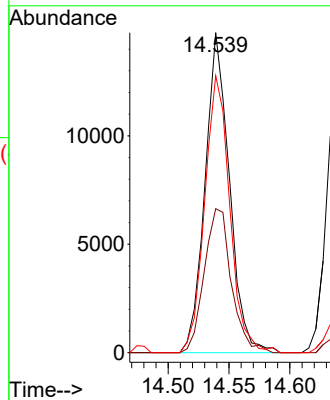
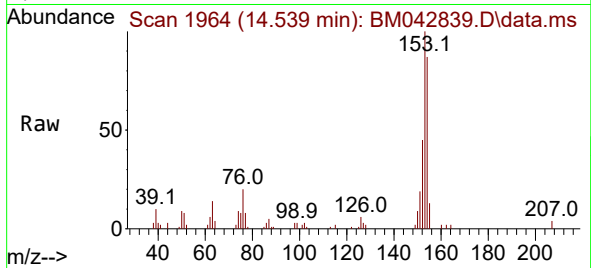
154 86.6 71.3 106.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/17/2023

Supervised By :mohammad ahmed 11/19/2023



#56

Dibenzofuran

Concen: 7.215 ng/ul

RT: 14.880 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BM042839.D

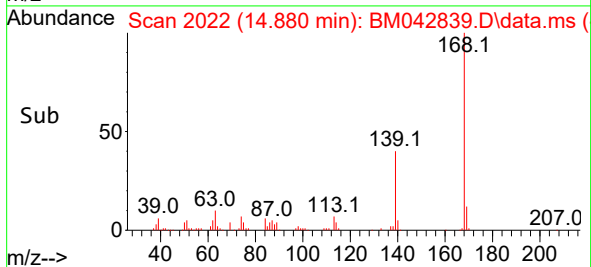
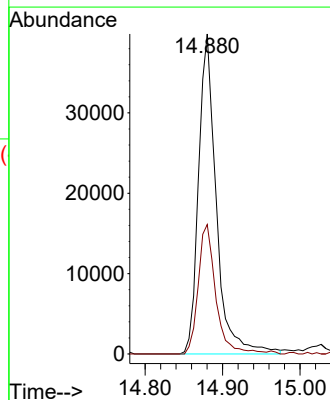
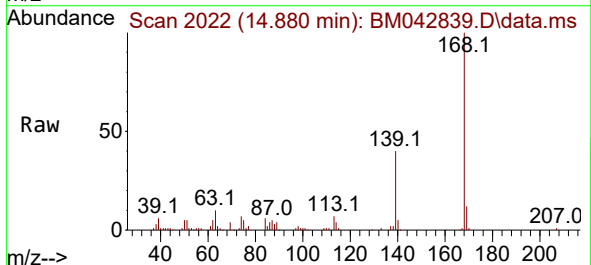
Acq: 17 Nov 2023 11:59

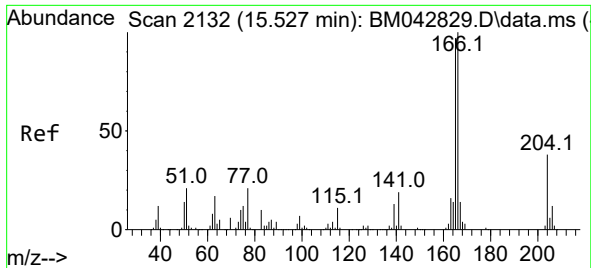
Tgt Ion:168 Resp: 63345

Ion Ratio Lower Upper

168 100

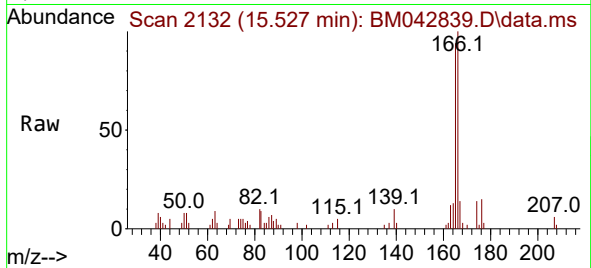
139 40.5 30.8 46.2





#61
Fluorene
Concen: 1.680 ng/ul
RT: 15.527 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59

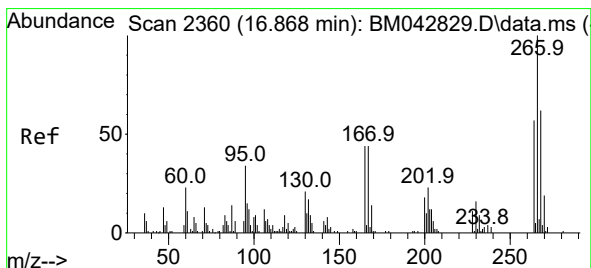
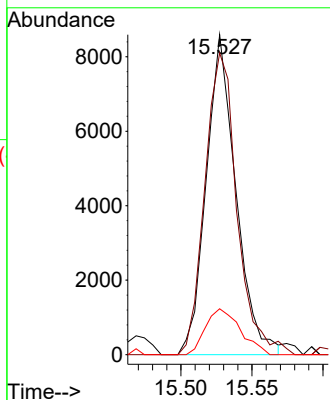
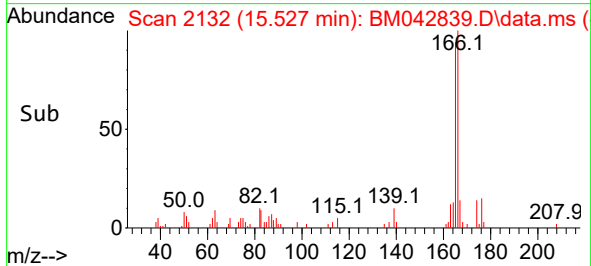
Instrument :
BNA_M
ClientSampleId :
DCKC0



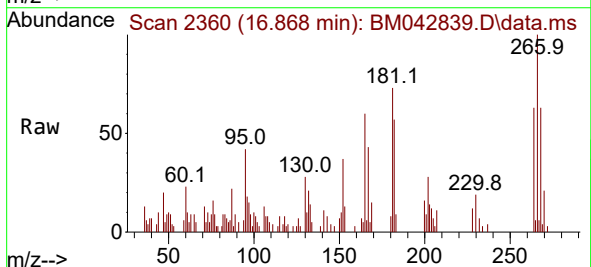
Tgt Ion:166 Resp: 12520
Ion Ratio Lower Upper
166 100
165 94.3 79.3 118.9
167 14.3 10.6 15.8

Manual Integrations
APPROVED

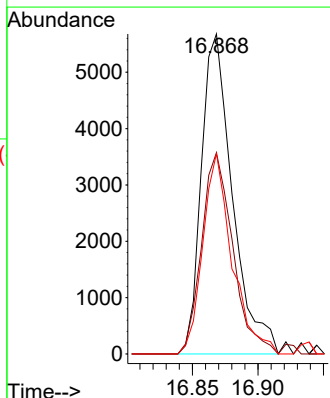
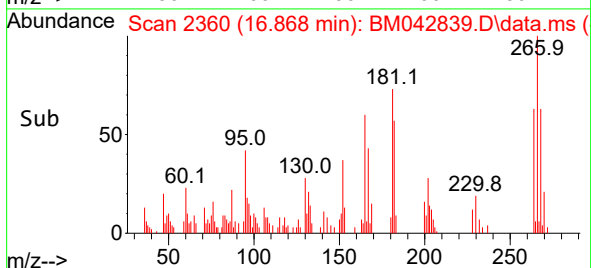
Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023

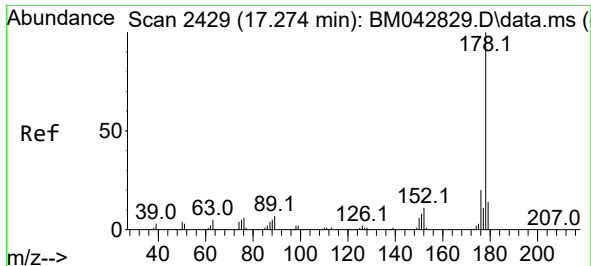


#71
Pentachlorophenol
Concen: 5.452 ng/ul
RT: 16.868 min Scan# 2360
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59



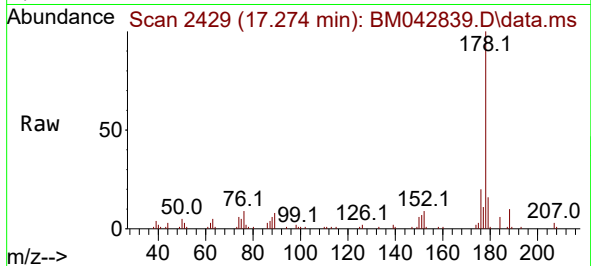
Tgt Ion:266 Resp: 9382
Ion Ratio Lower Upper
266 100
264 62.9 50.3 75.5
268 62.7 52.1 78.1





#72
Phenanthrene
Concen: 2.826 ng/ul
RT: 17.274 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59

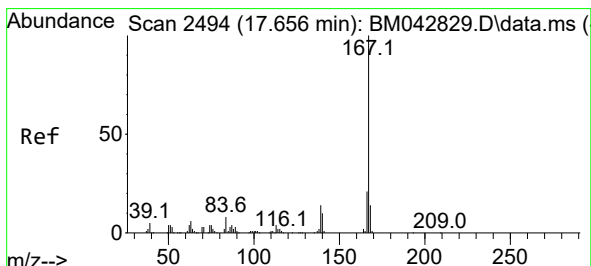
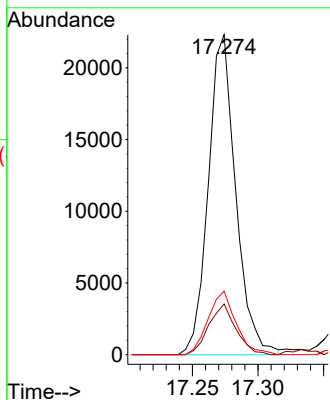
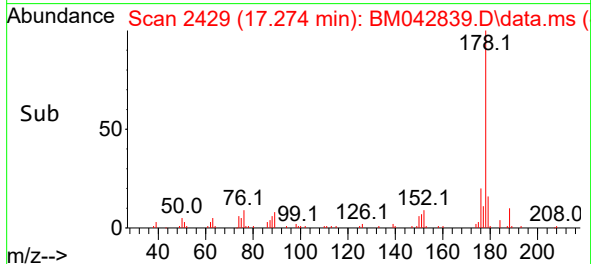
Instrument :
BNA_M
ClientSampleId :
DCKC0



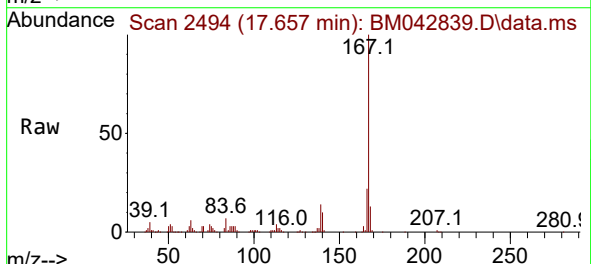
Tgt Ion:178 Resp: 32429
Ion Ratio Lower Upper
178 100
179 15.9 11.4 17.2
176 19.8 15.5 23.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/17/2023
Supervised By :mohammad ahmed 11/19/2023



#77
Carbazole
Concen: 19.181 ng/ul
RT: 17.657 min Scan# 2494
Delta R.T. -0.006 min
Lab File: BM042839.D
Acq: 17 Nov 2023 11:59



Tgt Ion:167 Resp: 182778
Ion Ratio Lower Upper
167 100
166 21.8 17.2 25.8
139 14.2 10.8 16.2

