

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
 Data File : BM048730.D
 Acq On : 16 Nov 2024 05:42
 Operator : RC/JU
 Sample : P4751-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH9F8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

Quant Time: Nov 16 06:23:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 16:55:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	113295	20.000	ng/u1	0.00
20) Naphthalene-d8	10.404	136	450765	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.275	164	267269	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.021	188	552230	20.000	ng/u1	0.00
79) Chrysene-d12	21.245	240	593009	20.000	ng/u1	0.00
88) Perylene-d12	24.127	264	724686	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	3429	1.207	ng/uL	0.00
4) Pyridine-d5	3.522	84	14522m	1.854	ng/u1	0.02
7) Phenol-d5	6.810	99	45240	5.246	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.963	67	29170	5.631	ng/u1	0.00
11) 2-Chlorophenol-d4	7.157	132	43061	6.027	ng/u1	0.00
15) 4-Methylphenol-d8	8.357	113	19505m	2.876	ng/u1	0.02
21) Nitrobenzene-d5	8.787	128	17897	5.478	ng/u1	0.00
24) 2-Nitrophenol-d4	9.510	143	19015	5.472	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.063	165	34512m	5.346	ng/u1	0.02
31) 4-Chloroaniline-d4	10.587	131	23932m	2.610	ng/u1	0.03
46) Dimethylphthalate-d6	13.692	166	120424	7.058	ng/u1	0.00
49) Acenaphthylene-d8	13.969	160	133676	6.646	ng/u1	0.00
54) 4-Nitrophenol-d4	14.557	143	8369m	2.641	ng/u1	0.05
60) Fluorene-d10	15.274	176	104471	7.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	7473	2.690	ng/u1	0.01
73) Anthracene-d10	17.121	188	156825	6.711	ng/u1	0.00
81) Pyrene-d10	19.415	212	170469	5.728	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	138848	4.101	ng/u1	-0.01
Target Compounds						Qvalue
8) Phenol	6.846	94	11013m	1.217	ng/u1	
16) Acetophenone	8.451	105	56776	5.371	ng/u1	99
72) Phenanthrene	17.063	178	199424	7.281	ng/u1	99
74) Anthracene	17.157	178	33979	1.236	ng/u1	98
80) Fluoranthene	19.086	202	538196	15.586	ng/u1	99
82) Pyrene	19.445	202	324173	8.658	ng/u1	100
85) Benzo(a)anthracene	21.227	228	256158	6.852	ng/u1	98
87) Chrysene	21.286	228	284277	7.914	ng/u1	98
90) Benzo(b)fluoranthene	23.221	252	395722	9.920	ng/u1	99
91) Benzo(k)fluoranthene	23.280	252	147945m	3.720	ng/u1	
93) Benzo(a)pyrene	23.992	252	118558	3.161	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	27.368	276	122036	2.504	ng/u1#	95
95) Dibenzo(a,h)anthracene	27.409	278	49547m	1.245	ng/u1	

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

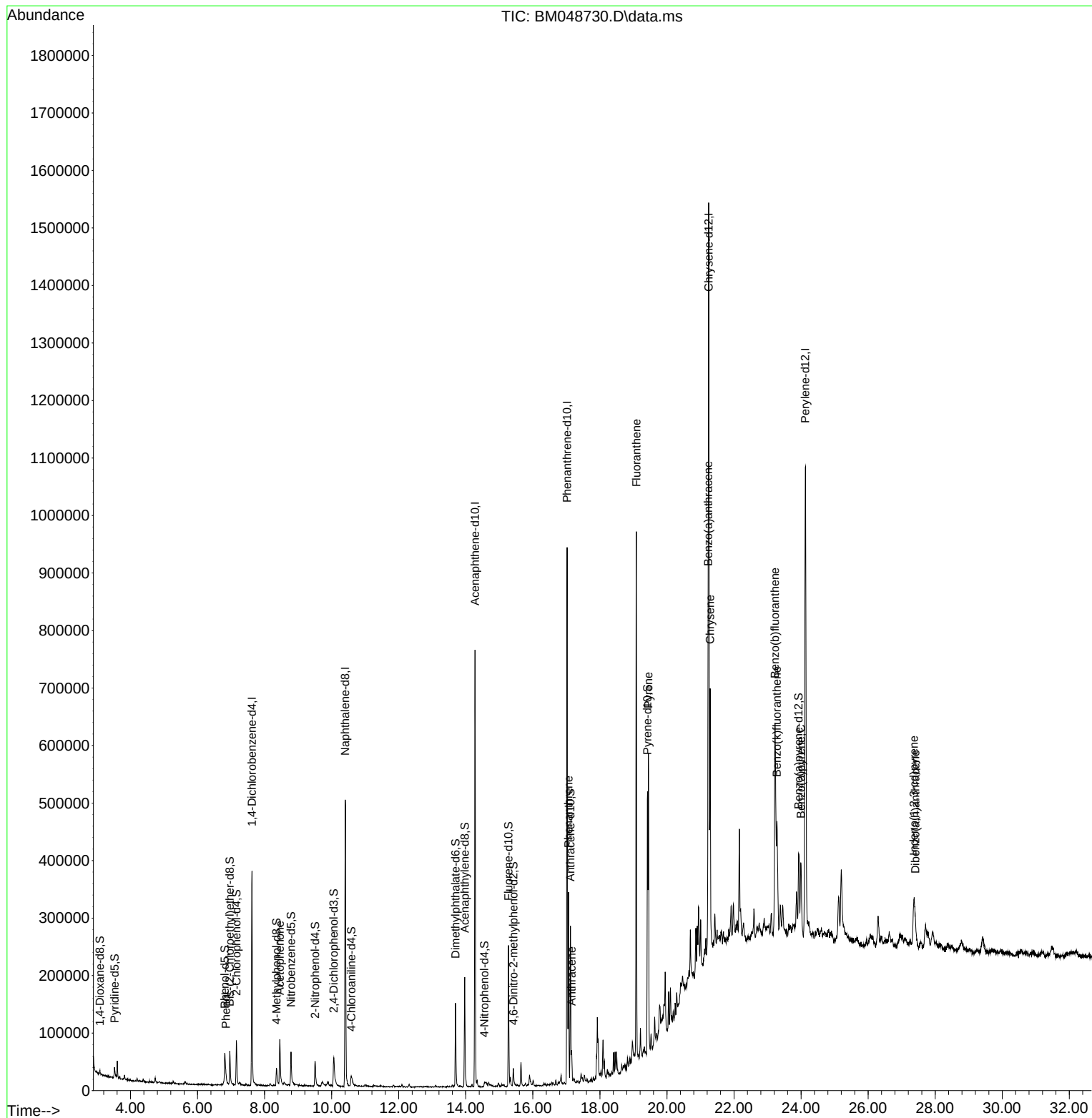
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111524\
Data File : BM048730.D
Acq On : 16 Nov 2024 05:42
Operator : RC/JU
Sample : P4751-18
Misc :
ALS Vial : 23 Sample Multiplier: 1

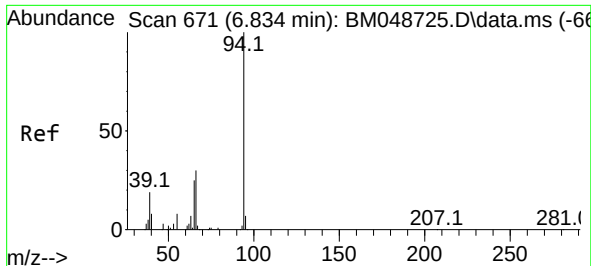
Instrument :
BNA_M
ClientSampleId :
BH9F8

Quant Time: Nov 16 06:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 16:55:33 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024





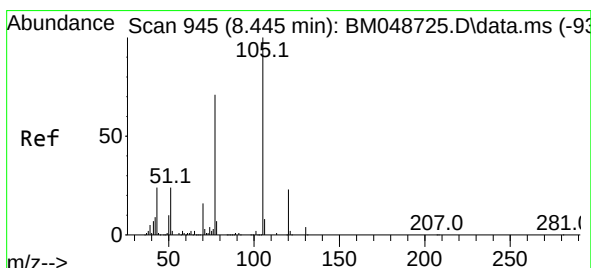
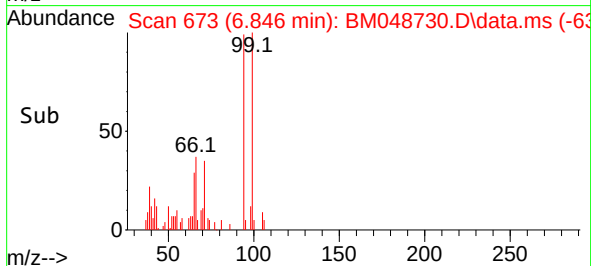
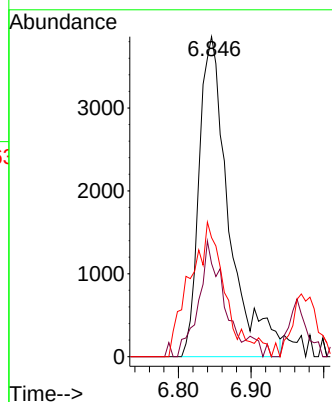
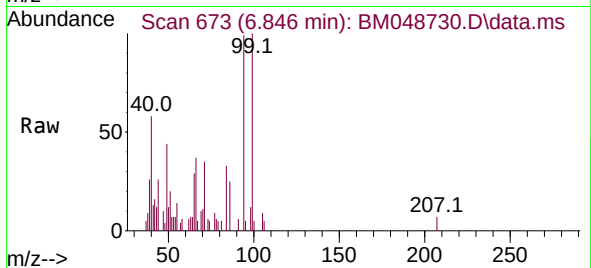
#8
Phenol
Concen: 1.217 ng/ul m
RT: 6.846 min Scan# 6
Delta R.T. 0.012 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

Instrument :
BNA_M
ClientSampleId :
BH9F8

Tgt Ion: 94 Resp: 1101
Ion Ratio Lower Upper
94 100
65 29.1 20.8 31.2
66 37.2 26.1 39.1

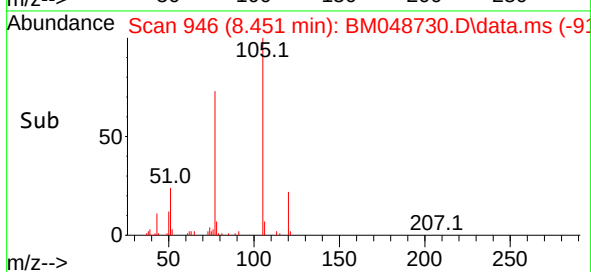
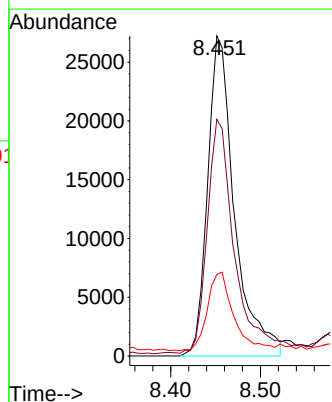
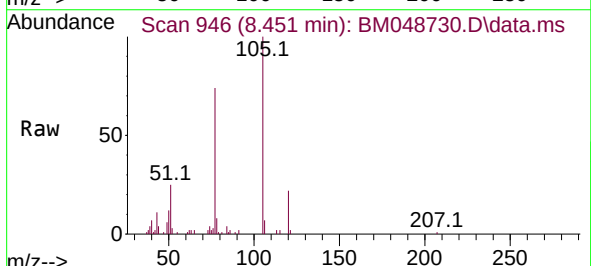
Manual Integrations
APPROVED

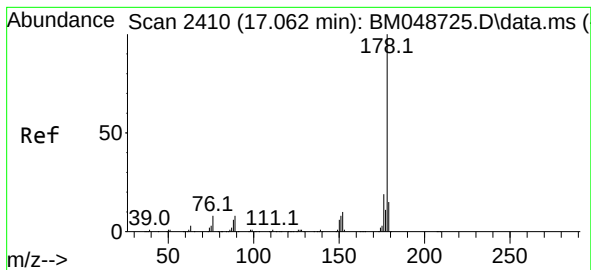
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#16
Acetophenone
Concen: 5.371 ng/ul
RT: 8.451 min Scan# 946
Delta R.T. 0.006 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

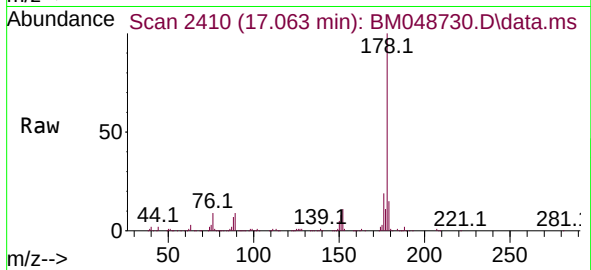
Tgt Ion:105 Resp: 56776
Ion Ratio Lower Upper
105 100
77 73.9 59.7 89.5
51 25.4 20.6 31.0





#72
Phenanthrene
Concen: 7.281 ng/u1
RT: 17.063 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

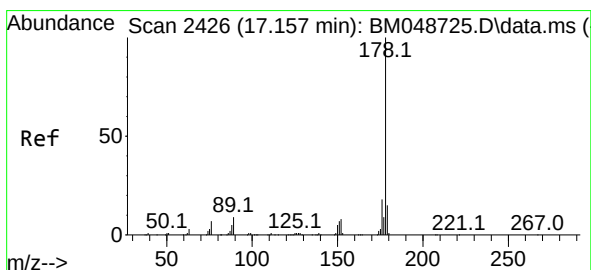
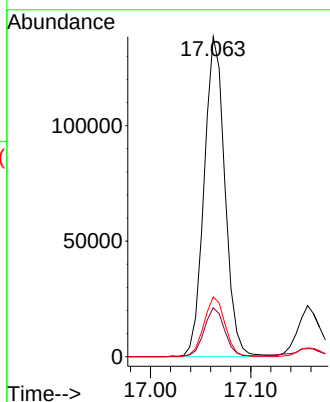
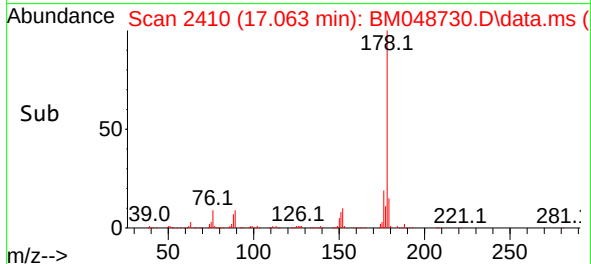
Instrument :
BNA_M
ClientSampleId :
BH9F8



Tgt Ion:178 Resp: 199424
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 18.7 15.1 22.7

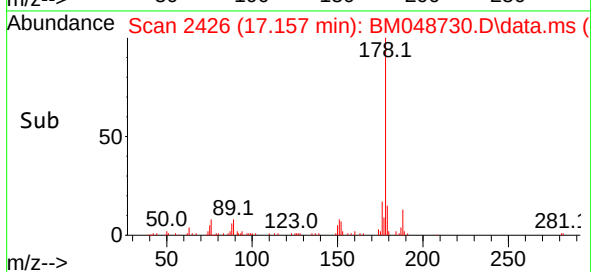
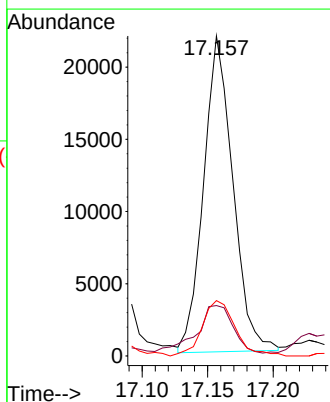
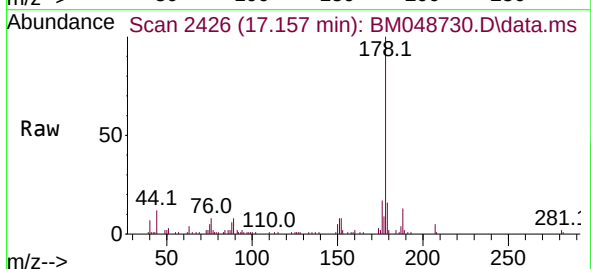
Manual Integrations
APPROVED

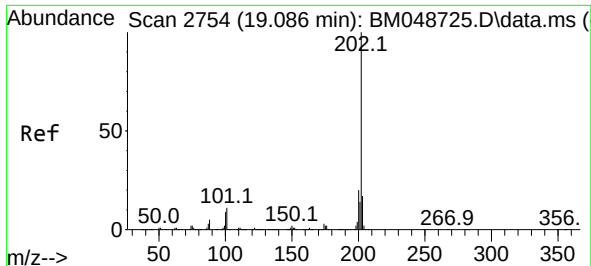
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#74
Anthracene
Concen: 1.236 ng/u1
RT: 17.157 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

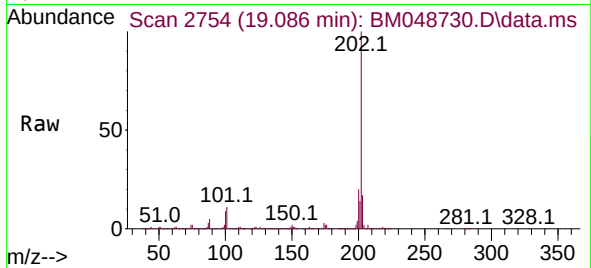
Tgt Ion:178 Resp: 33979
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 17.3 15.0 22.4





#80
Fluoranthene
Concen: 15.586 ng/u1
RT: 19.086 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

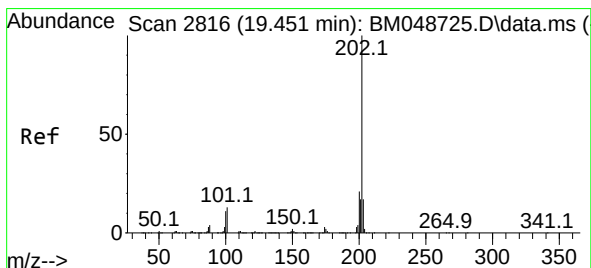
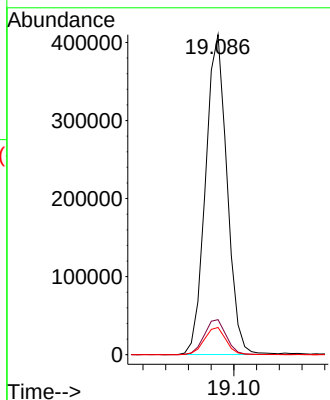
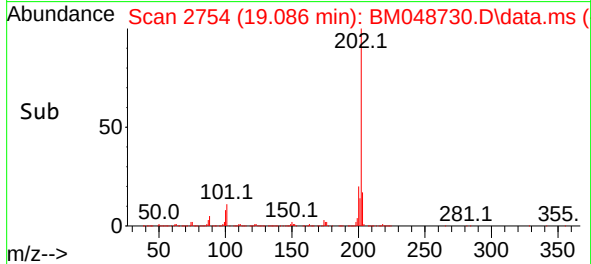
Instrument :
BNA_M
ClientSampleId :
BH9F8



Tgt Ion:202 Resp: 538190
Ion Ratio Lower Upper
202 100
101 10.9 8.5 12.7
100 8.5 7.0 10.4

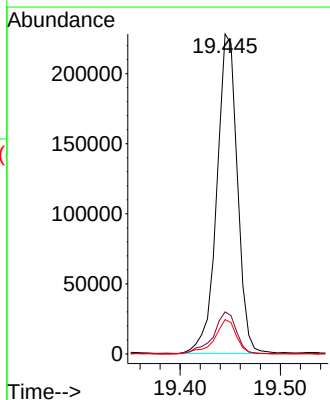
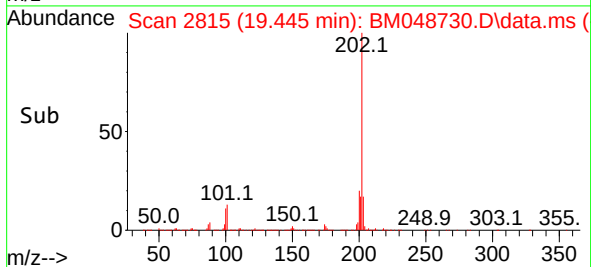
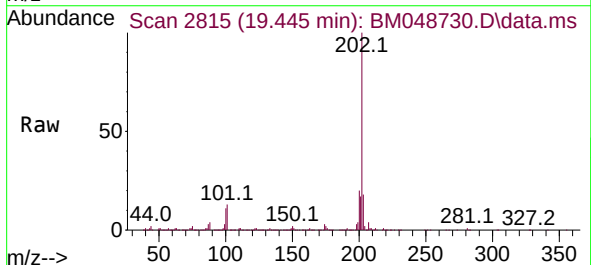
Manual Integrations
APPROVED

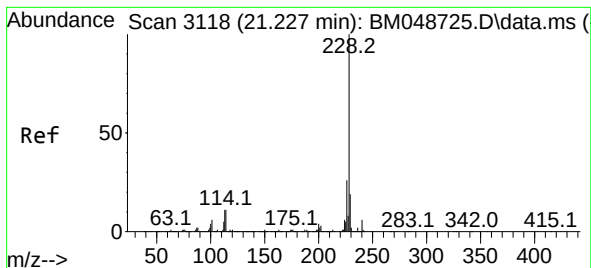
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024



#82
Pyrene
Concen: 8.658 ng/u1
RT: 19.445 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

Tgt Ion:202 Resp: 324173
Ion Ratio Lower Upper
202 100
101 13.2 10.6 15.8
100 10.7 8.9 13.3





#85

Benzo(a)anthracene

Concen: 6.852 ng/uI

RT: 21.227 min Scan# 3118

Delta R.T. -0.006 min

Lab File: BM048730.D

Acq: 16 Nov 2024 05:42

Instrument :

BNA_M

ClientSampleId :

BH9F8

Tgt Ion:228 Resp: 256158

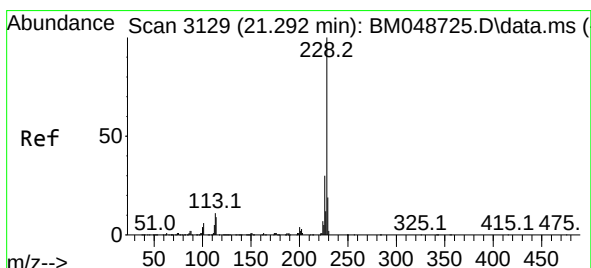
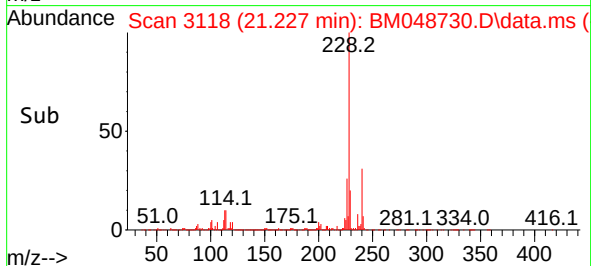
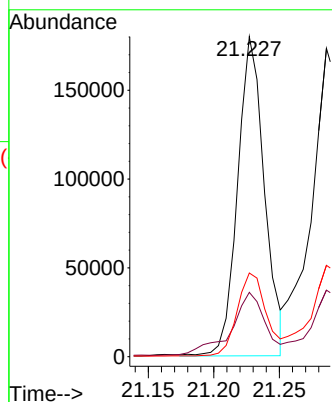
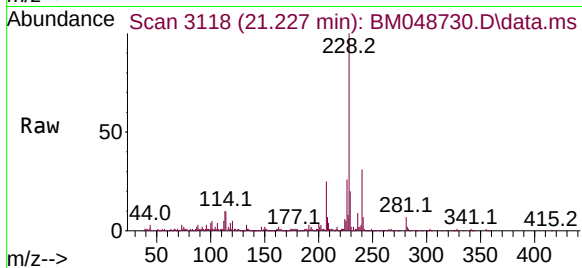
Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	26.1	21.7	32.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#87

Chrysene

Concen: 7.914 ng/uI

RT: 21.286 min Scan# 3128

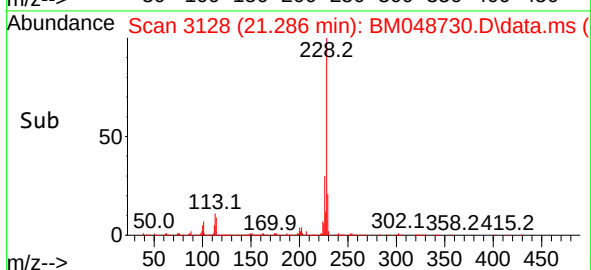
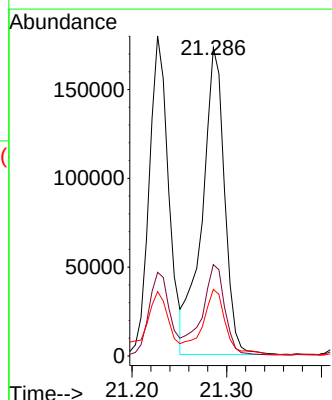
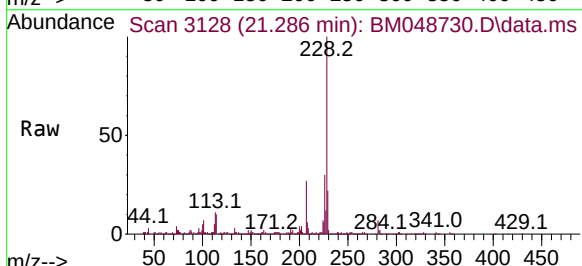
Delta R.T. -0.006 min

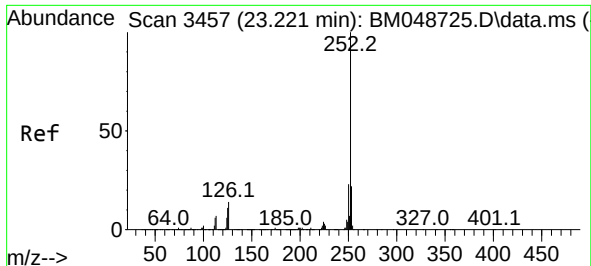
Lab File: BM048730.D

Acq: 16 Nov 2024 05:42

Tgt Ion:228 Resp: 284277

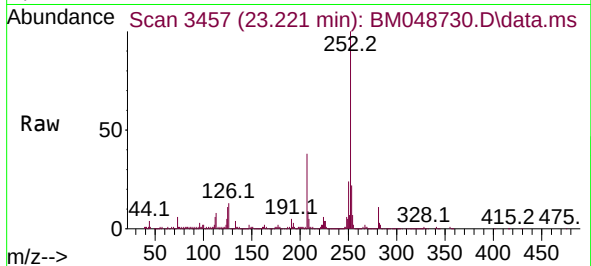
Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.6	15.6	23.4





#90
Benzo(b)fluoranthene
Concen: 9.920 ng/ul
RT: 23.221 min Scan# 3457
Delta R.T. -0.006 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42

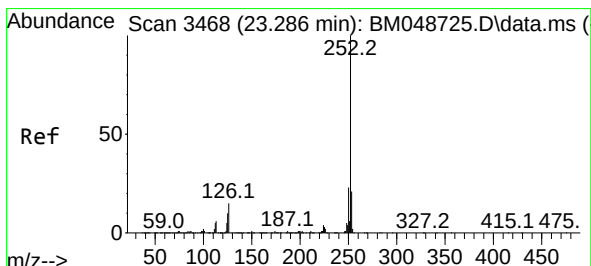
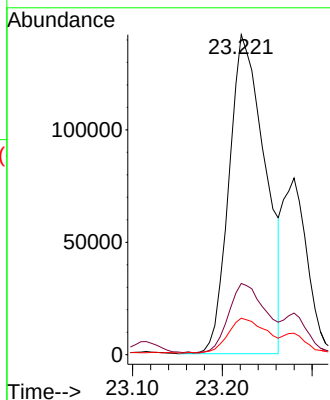
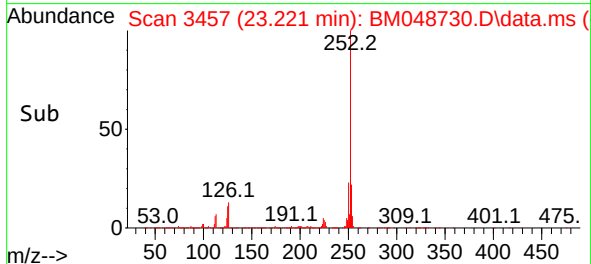
Instrument :
BNA_M
ClientSampleId :
BH9F8



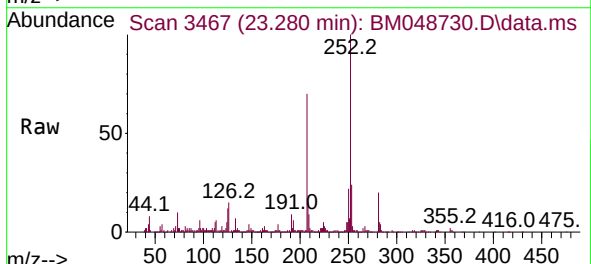
Tgt Ion:252 Resp: 395722
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 11.4 8.7 13.1

Manual Integrations
APPROVED

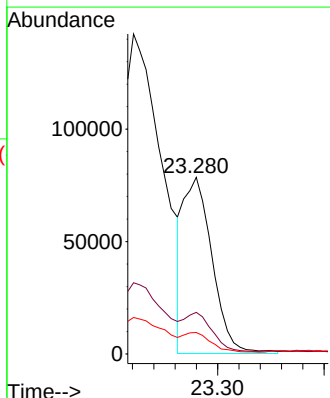
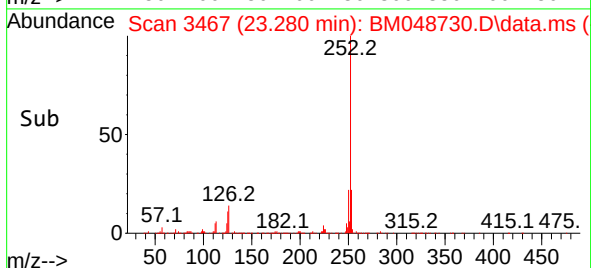
Reviewed By :Yogesh Patel 11/18/2024
Supervised By :mohammad ahmed 11/18/2024

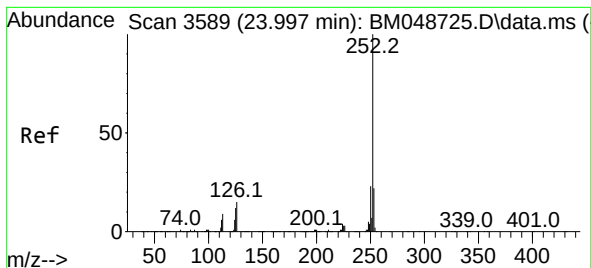


#91
Benzo(k)fluoranthene
Concen: 3.720 ng/ul m
RT: 23.280 min Scan# 3467
Delta R.T. -0.006 min
Lab File: BM048730.D
Acq: 16 Nov 2024 05:42



Tgt Ion:252 Resp: 147945
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 12.2 8.0 12.0#





#93

Benzo(a)pyrene

Concen: 3.161 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM048730.D

Acq: 16 Nov 2024 05:42

Instrument :

BNA_M

ClientSampleId :

BH9F8

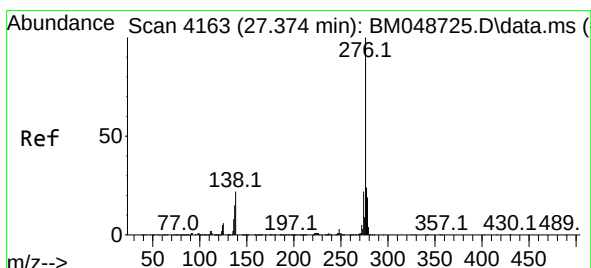
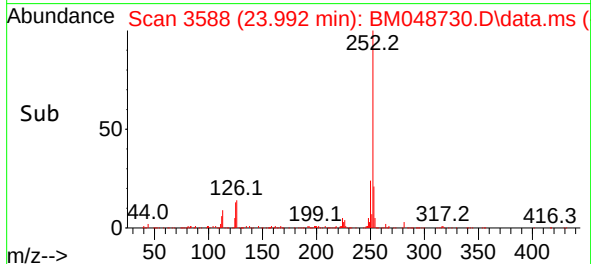
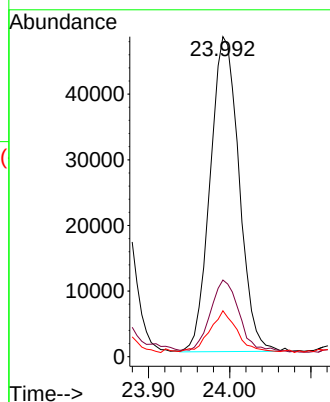
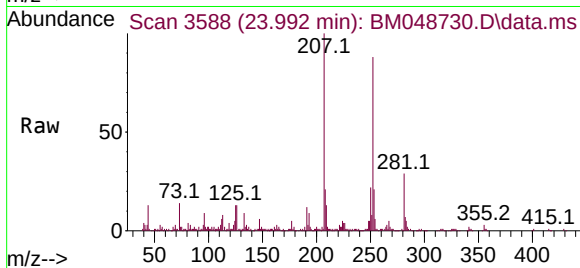
Tgt Ion:	252	Resp:	11855
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.8	26.8
125	14.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/18/2024

Supervised By :mohammad ahmed 11/18/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.504 ng/ul

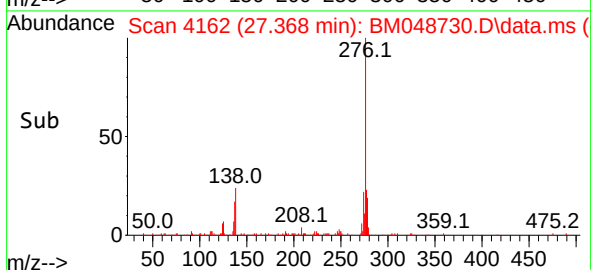
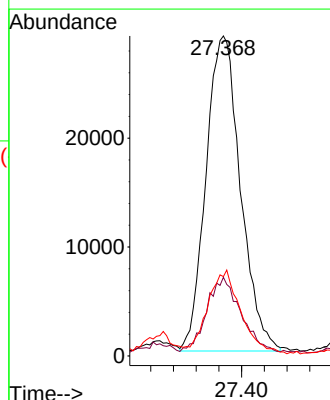
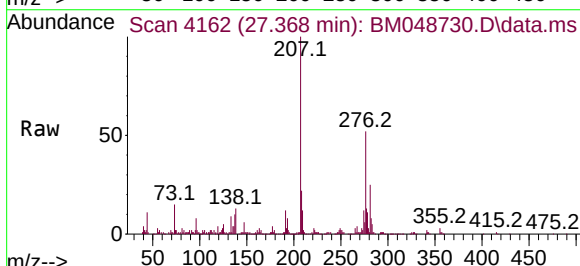
RT: 27.368 min Scan# 4162

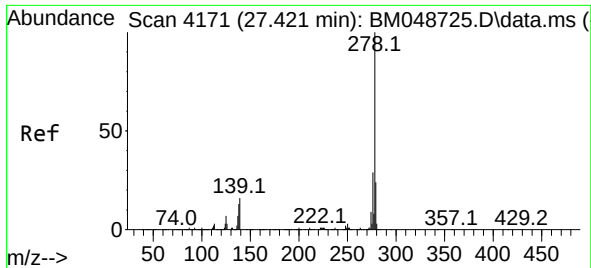
Delta R.T. -0.006 min

Lab File: BM048730.D

Acq: 16 Nov 2024 05:42

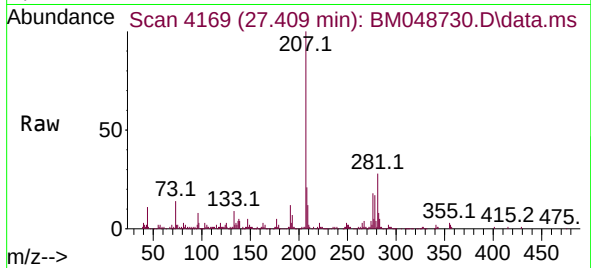
Tgt Ion:	276	Resp:	122036
Ion Ratio	Lower	Upper	
276	100		
138	24.6	16.2	24.2
277	24.8	19.5	29.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.245 ng/ul m
 RT: 27.409 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM048730.D
 Acq: 16 Nov 2024 05:42

Instrument :
 BNA_M
 ClientSampleId :
 BH9F8



Tgt Ion:278 Resp: 4954
 Ion Ratio Lower Upper
 278 100
 139 20.5 12.6 18.8
 279 25.0 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/18/2024
 Supervised By :mohammad ahmed 11/18/2024

