

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023517.D
 Acq On : 19 Dec 2024 04:28
 Operator : RC/JU
 Sample : P5257-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JNLH4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 06:03:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 11 00:30:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.528	152	234324	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.269	136	931617	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.134	164	697439	20.000	ng/u1	-0.01
64) Phenanthrene-d10	16.939	188	1538394	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.375	240	1690637	20.000	ng/u1	#-0.01
88) Perylene-d12	24.545	264	1790454	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.099	96	19056	2.994	ng/uL	0.00
4) Pyridine-d5	3.511	84	252040	15.400	ng/u1	0.00
7) Phenol-d5	6.746	99	353468	19.225	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.881	67	251104	21.647	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.075	132	253917	18.712	ng/u1	-0.01
15) 4-Methylphenol-d8	8.252	113	300698	20.264	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	127131	18.275	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.387	143	128690	16.051	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	266817	15.768	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	332207	17.524	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	1026844	18.966	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	952816	16.684	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	116434m	17.549	ng/u1	0.05
60) Fluorene-d10	15.145	176	747631	15.699	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.328	200	59881	6.441	ng/u1	0.02
73) Anthracene-d10	17.051	188	1162272	16.554	ng/u1	0.00
81) Pyrene-d10	19.428	212	1396798	15.814	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.333	264	1294857	13.510	ng/u1	-0.01
Target Compounds					Qvalue	
50) Acenaphthylene	13.857	152	73535	1.264	ng/u1	98
61) Fluorene	15.210	166	57045	1.085	ng/u1	96
72) Phenanthrene	16.987	178	728051	9.154	ng/u1	100
74) Anthracene	17.087	178	172961m	2.175	ng/u1	
80) Fluoranthene	19.081	202	843578	8.335	ng/u1#	94
82) Pyrene	19.457	202	818810	7.624	ng/u1#	89
85) Benzo(a)anthracene	21.357	228	339425	2.994	ng/u1	99
87) Chrysene	21.416	228	306792	2.824	ng/u1	99
90) Benzo(b)fluoranthene	23.557	252	333886	2.968	ng/u1#	95
91) Benzo(k)fluoranthene	23.621	252	116467	1.041	ng/u1#	98
93) Benzo(a)pyrene	24.398	252	289868	2.842	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	28.157	276	152621m	1.164	ng/u1	
96) Benzo(g,h,i)perylene	29.280	276	143668m	1.432	ng/u1	

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

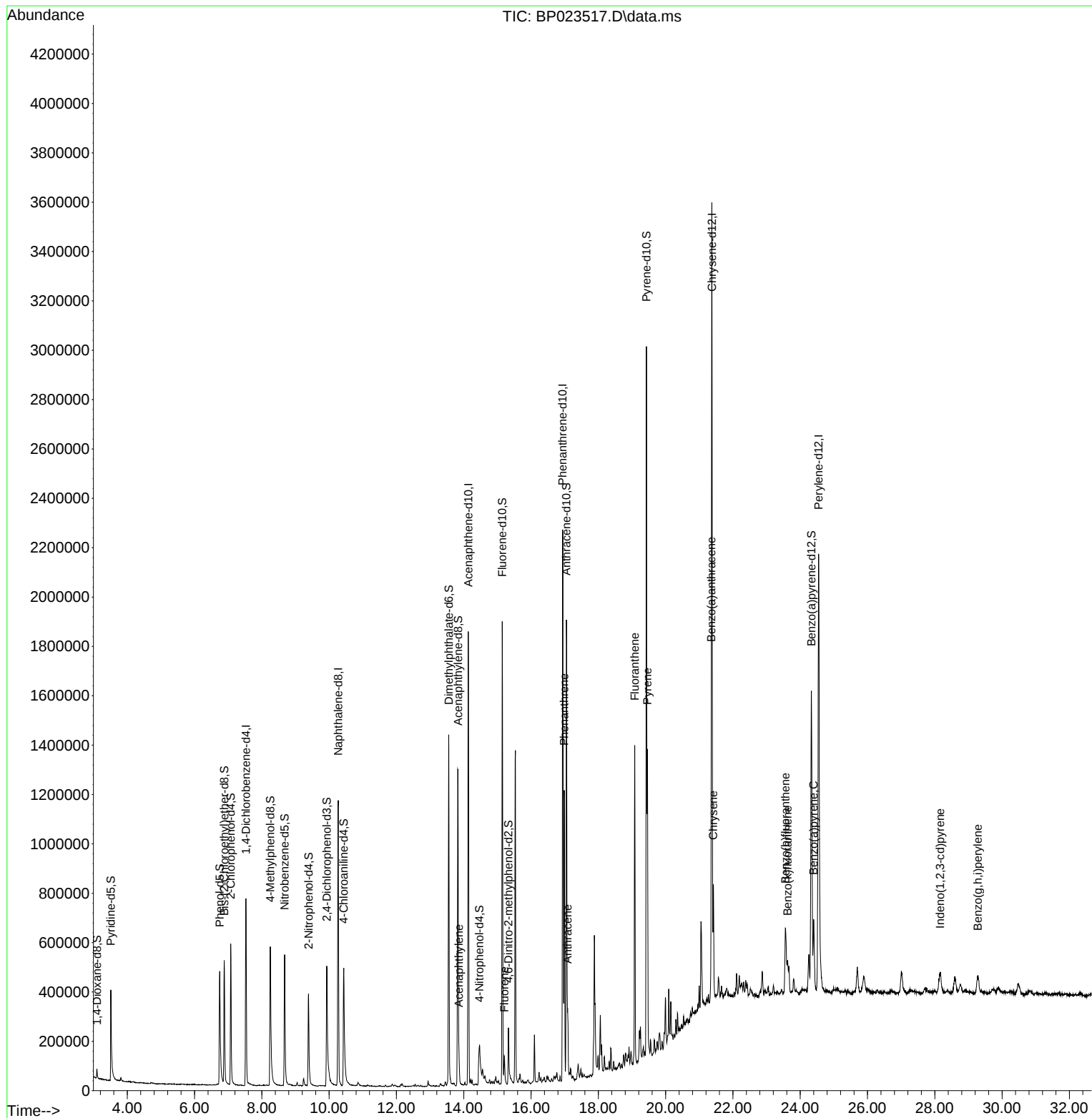
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023517.D
Acq On : 19 Dec 2024 04:28
Operator : RC/JU
Sample : P5257-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

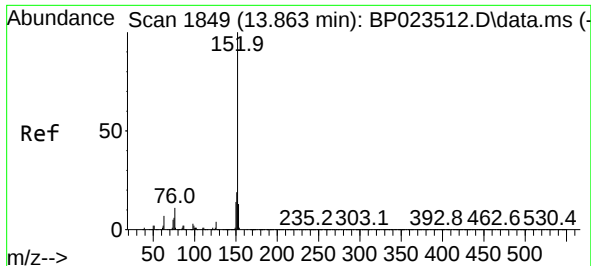
Instrument :
BNA_P
ClientSampleId :
JNLH4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 19 06:03:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration





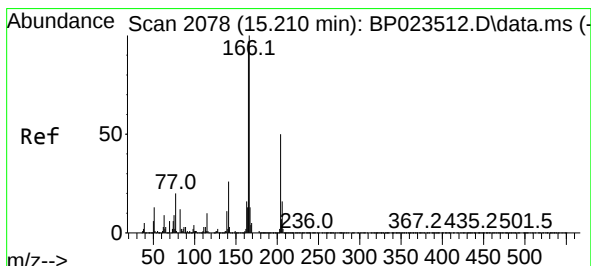
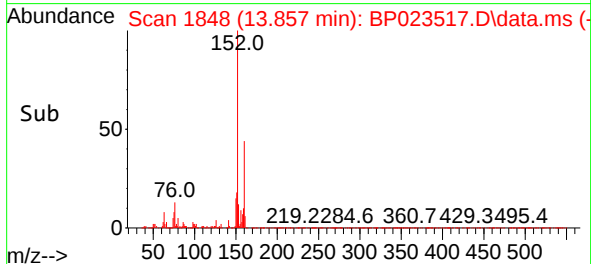
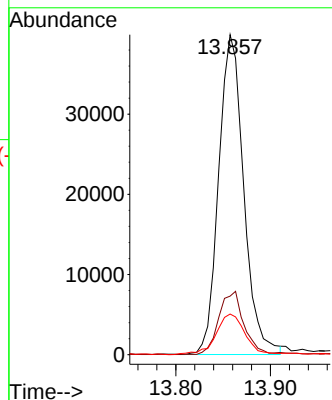
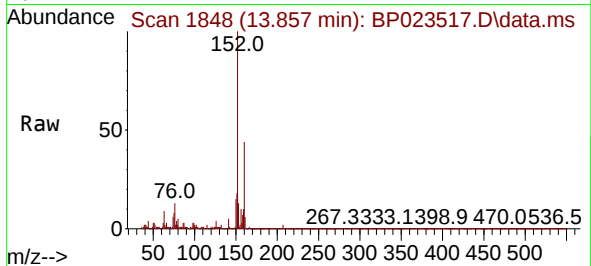
#50
Acenaphthylene
Concen: 1.264 ng/ul
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BP023517.D
Acq: 19 Dec 2024 04:28

Instrument :
BNA_P
ClientSampleId :
JNLH4

Tgt Ion:152 Resp: 7353
Ion Ratio Lower Upper
152 100
151 18.3 15.7 23.5
153 12.7 10.5 15.7

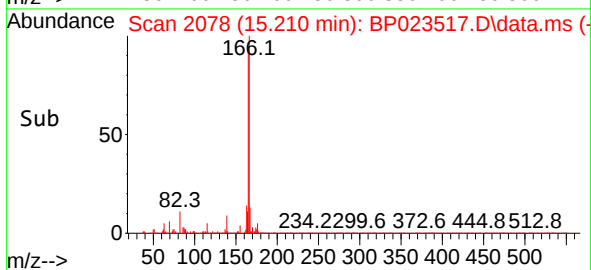
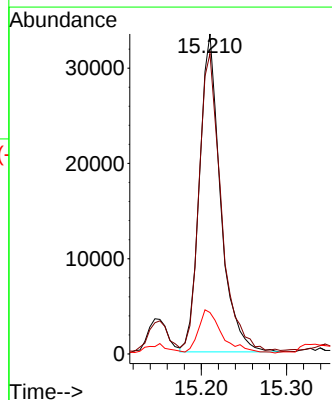
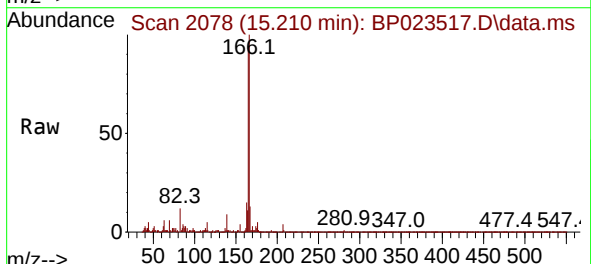
Manual Integrations
APPROVED

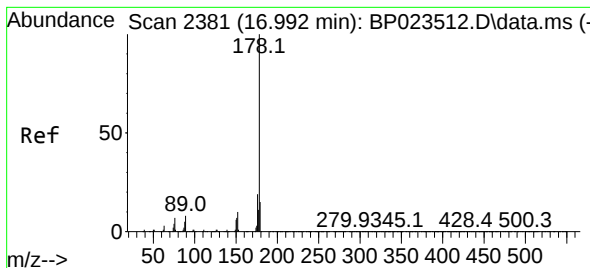
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#61
Fluorene
Concen: 1.085 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BP023517.D
Acq: 19 Dec 2024 04:28

Tgt Ion:166 Resp: 57045
Ion Ratio Lower Upper
166 100
165 93.8 78.5 117.7
167 13.0 11.1 16.7





#72

Phenanthrene

Concen: 9.154 ng/ul

RT: 16.987 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

Instrument :

BNA_P

ClientSampleId :

JNLH4

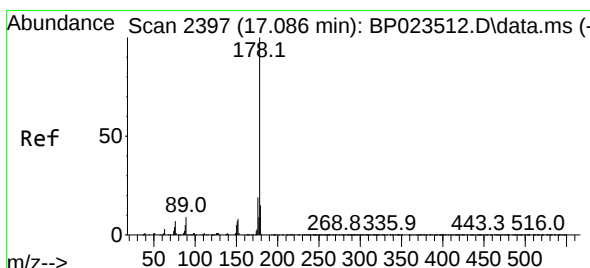
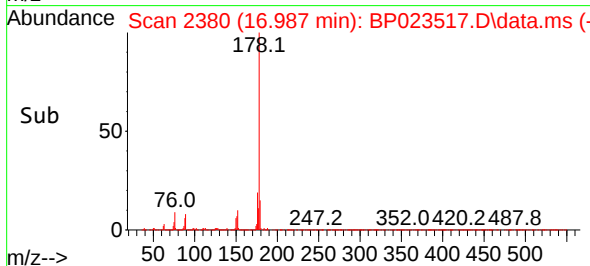
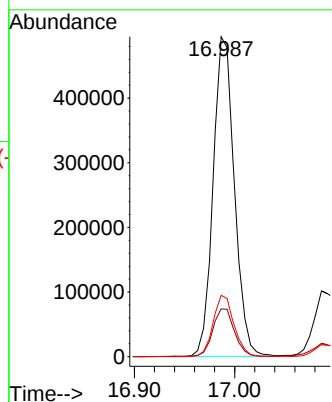
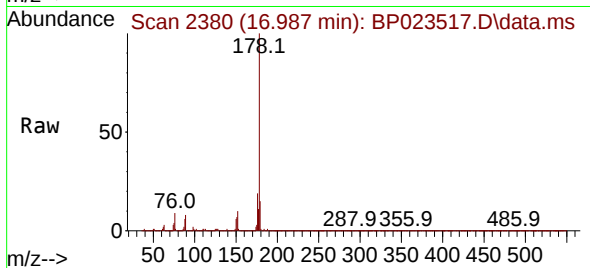
Tgt Ion:178 Resp: 72805
 Ion Ratio Lower Upper
 178 100
 179 15.0 12.1 18.1
 176 19.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#74

Anthracene

Concen: 2.175 ng/ul m

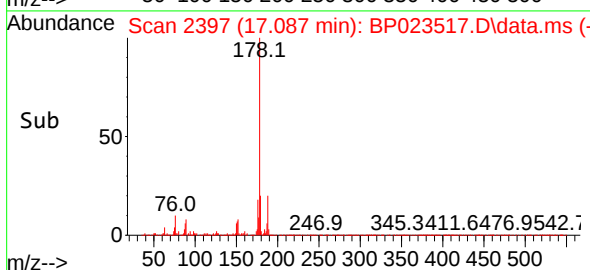
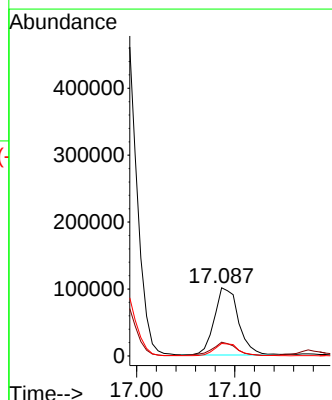
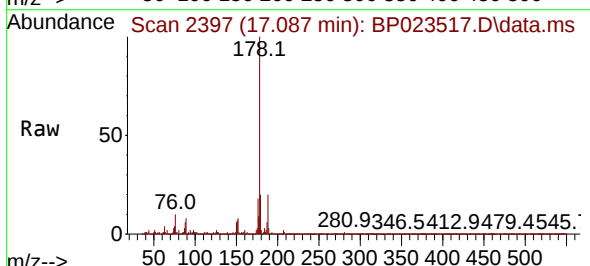
RT: 17.087 min Scan# 2397

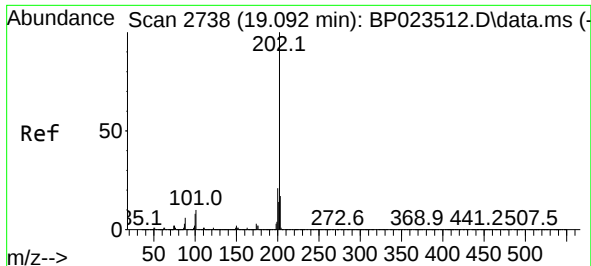
Delta R.T. -0.000 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

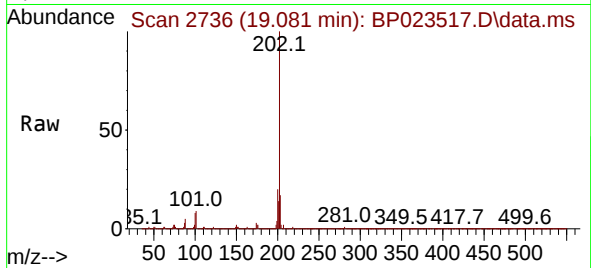
Tgt Ion:178 Resp: 172961
 Ion Ratio Lower Upper
 178 100
 179 20.3 12.3 18.5#
 176 18.4 14.7 22.1





#80
Fluoranthene
Concen: 8.335 ng/u1
RT: 19.081 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP023517.D
Acq: 19 Dec 2024 04:28

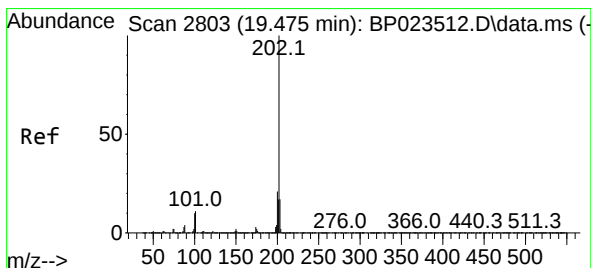
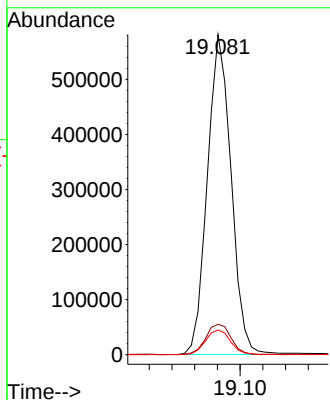
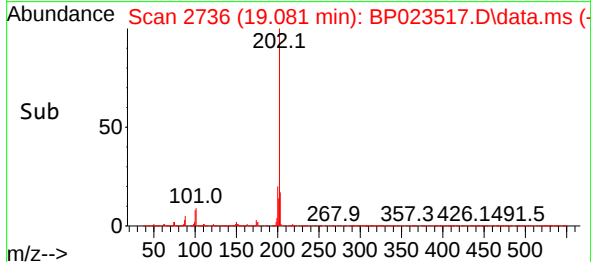
Instrument :
BNA_P
ClientSampleId :
JNLH4



Tgt Ion:202 Resp: 843578
Ion Ratio Lower Upper
202 100
101 9.5 5.6 8.4
100 7.7 4.6 7.0

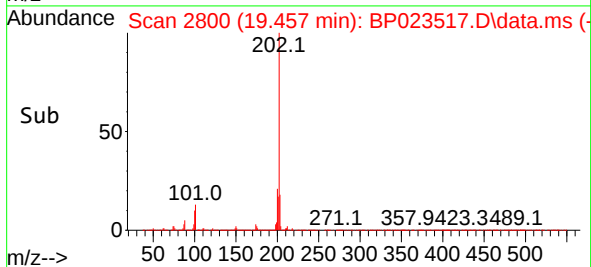
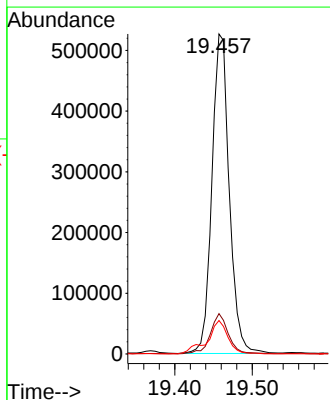
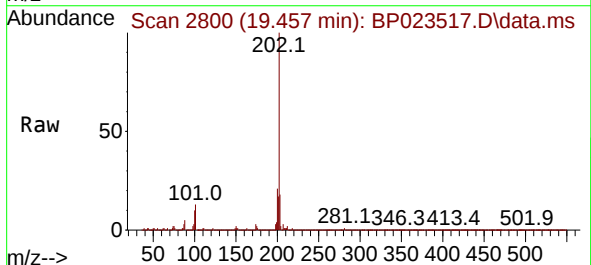
Manual Integrations
APPROVED

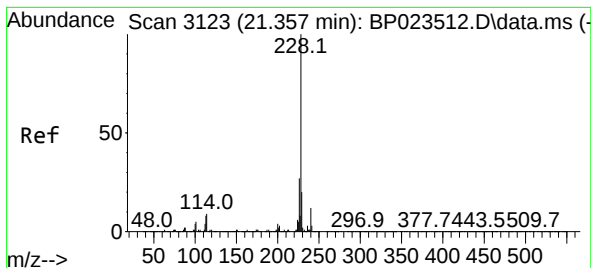
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



#82
Pyrene
Concen: 7.624 ng/u1
RT: 19.457 min Scan# 2800
Delta R.T. -0.018 min
Lab File: BP023517.D
Acq: 19 Dec 2024 04:28

Tgt Ion:202 Resp: 818810
Ion Ratio Lower Upper
202 100
101 12.6 6.7 10.1#
100 10.5 5.8 8.8#





#85

Benzo(a)anthracene

Concen: 2.994 ng/ul

RT: 21.357 min Scan# 3123

Delta R.T. -0.012 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

Instrument :

BNA_P

ClientSampleId :

JNLH4

Tgt Ion:228 Resp: 33942

Ion Ratio Lower Upper

228 100

229 20.3 15.7 23.5

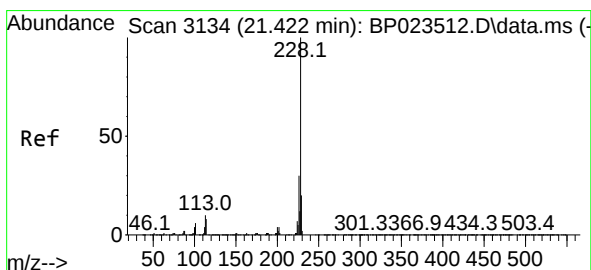
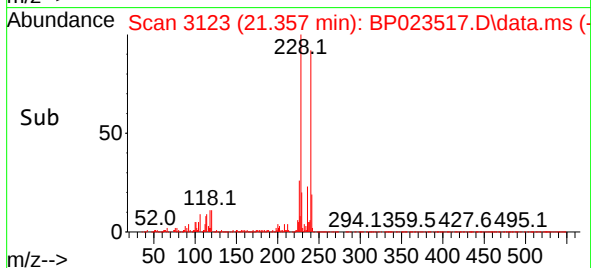
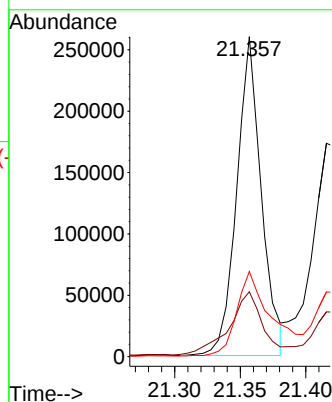
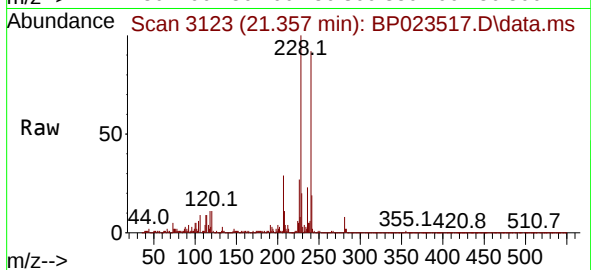
226 26.6 21.6 32.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#87

Chrysene

Concen: 2.824 ng/ul

RT: 21.416 min Scan# 3133

Delta R.T. -0.024 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

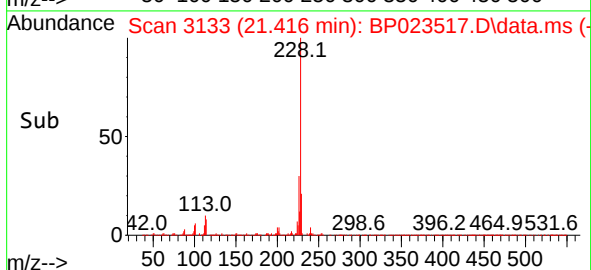
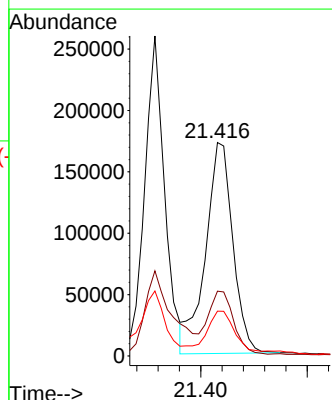
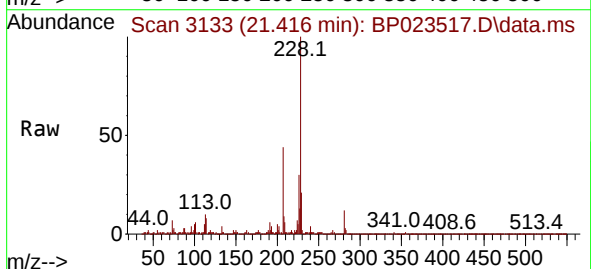
Tgt Ion:228 Resp: 306792

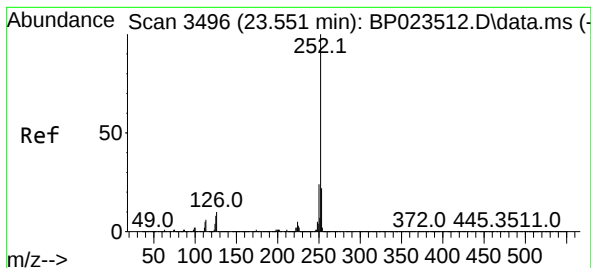
Ion Ratio Lower Upper

228 100

226 30.3 24.2 36.2

229 21.0 15.6 23.4





#90

Benzo(b)fluoranthene

Concen: 2.968 ng/ul

RT: 23.557 min Scan# 3496

Delta R.T. -0.000 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

Instrument :

BNA_P

ClientSampleId :

JNLH4

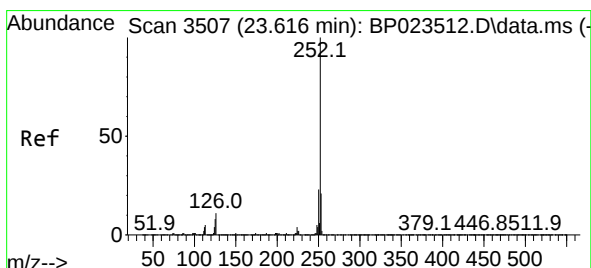
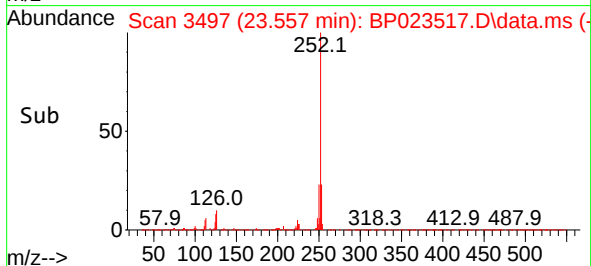
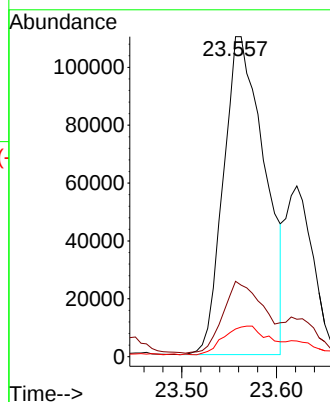
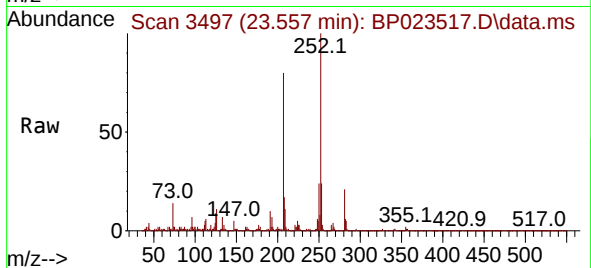
Tgt Ion:252 Resp: 333880
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.3 25.9
 125 8.7 4.4 6.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#91

Benzo(k)fluoranthene

Concen: 1.041 ng/ul

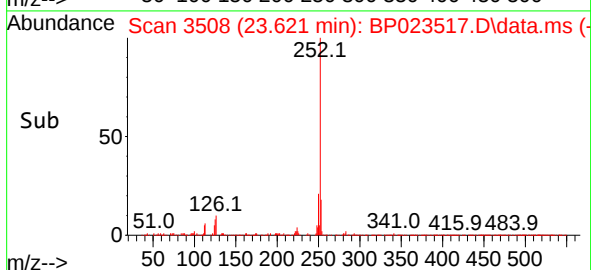
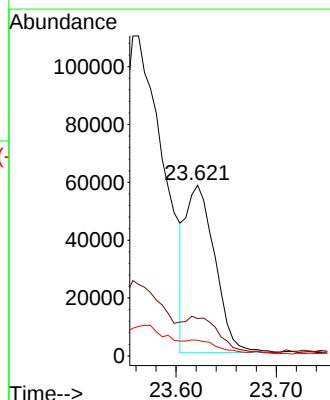
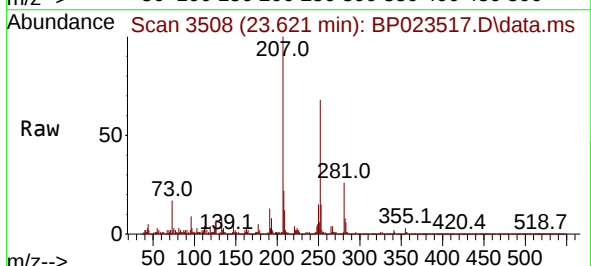
RT: 23.621 min Scan# 3508

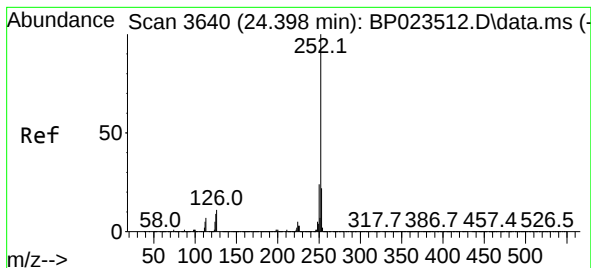
Delta R.T. -0.000 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

Tgt Ion:252 Resp: 116467
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.5 26.3
 125 9.2 4.3 6.5





#93

Benzo(a)pyrene

Concen: 2.842 ng/ul

RT: 24.398 min Scan# 30

Delta R.T. -0.012 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

Instrument :

BNA_P

ClientSampleId :

JNLH4

Tgt Ion:252 Resp: 28986

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

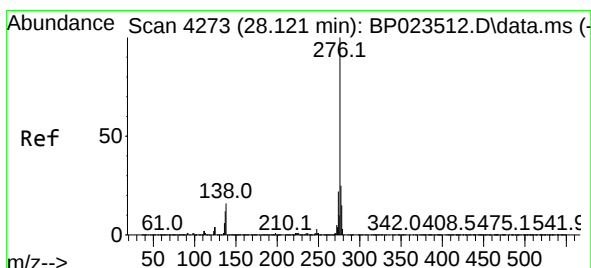
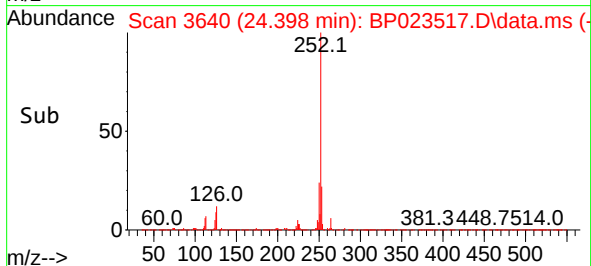
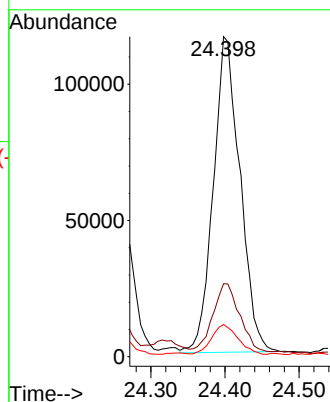
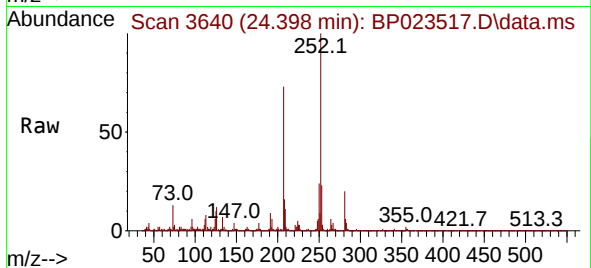
125 10.1 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/21/2024

Supervised By :mohammad ahmed 12/21/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.164 ng/ul m

RT: 28.157 min Scan# 4279

Delta R.T. 0.012 min

Lab File: BP023517.D

Acq: 19 Dec 2024 04:28

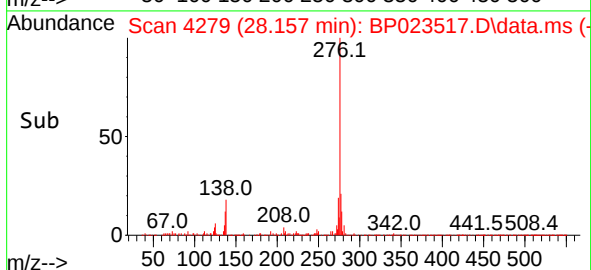
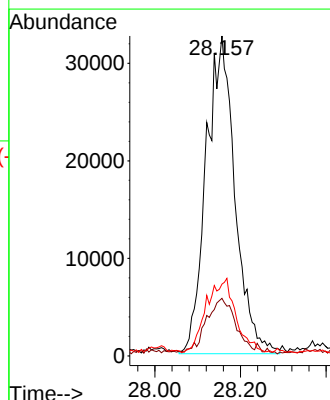
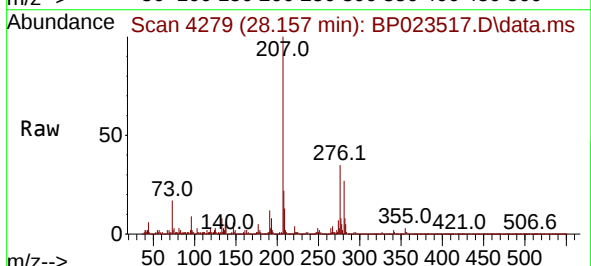
Tgt Ion:276 Resp: 152621

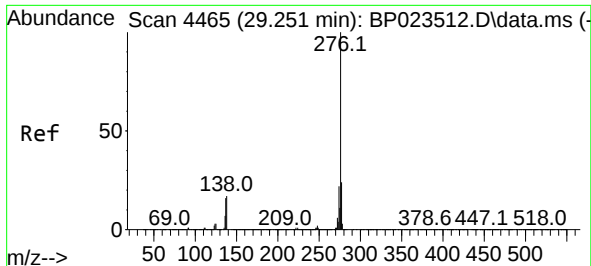
Ion Ratio Lower Upper

276 100

138 18.0 7.8 11.6#

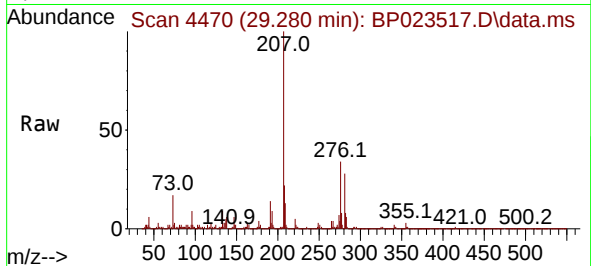
277 22.5 19.8 29.8





#96
 Benzo(g,h,i)perylene
 Concen: 1.432 ng/ul m
 RT: 29.280 min Scan# 44
 Delta R.T. 0.029 min
 Lab File: BP023517.D
 Acq: 19 Dec 2024 04:28

Instrument :
 BNA_P
 ClientSampleId :
 JNLH4



Tgt Ion:276 Resp: 143668
 Ion Ratio Lower Upper
 276 100
 138 17.6 8.5 12.7
 277 23.7 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024

