

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010327.D
 Acq On : 12 May 2022 16:53
 Operator : CG/JU
 Sample : N2714-08
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW2X9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 00:02:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 01:10:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	170763	20.000	ng/u1	0.00
20) Naphthalene-d8	10.704	136	745855	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	522322	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1123808	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1079521	20.000	ng/u1	# 0.00
88) Perylene-d12	23.792	264	968674	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	17333m	4.312	ng/uL	0.00
4) Pyridine-d5	3.775	84	83611	7.475	ng/u1	0.00
7) Phenol-d5	7.069	99	345542	21.787	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	237984	24.256	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	278513	23.844	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	296943	22.773	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	145409	24.314	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	157830	23.147	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	285935	23.039	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	351192m	19.168	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	1008328	24.232	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1139378	22.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	133383	16.711	ng/u1	-0.01
60) Fluorene-d10	15.528	176	870384	24.779	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	129202	16.789	ng/u1	-0.01
73) Anthracene-d10	17.386	188	1321986	24.022	ng/u1	0.00
81) Pyrene-d10	19.616	212	1609768	26.985	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1334065	25.824	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.328	178	150908	2.436	ng/u1	98
80) Fluoranthene	19.292	202	395897	5.837	ng/u1	97
82) Pyrene	19.645	202	313149	4.460	ng/u1	96
85) Benzo(a)anthracene	21.351	228	127398	1.805	ng/u1	97
87) Chrysene	21.404	228	166760	2.384	ng/u1	94
90) Benzo(b)fluoranthene	23.057	252	223858	3.519	ng/u1#	94
91) Benzo(k)fluoranthene	23.098	252	62435m	1.040	ng/u1	
93) Benzo(a)pyrene	23.686	252	121633	1.974	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.321	276	81063	1.190	ng/u1#	93
96) Benzo(g,h,i)perylene	27.098	276	69317	1.205	ng/u1	92

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

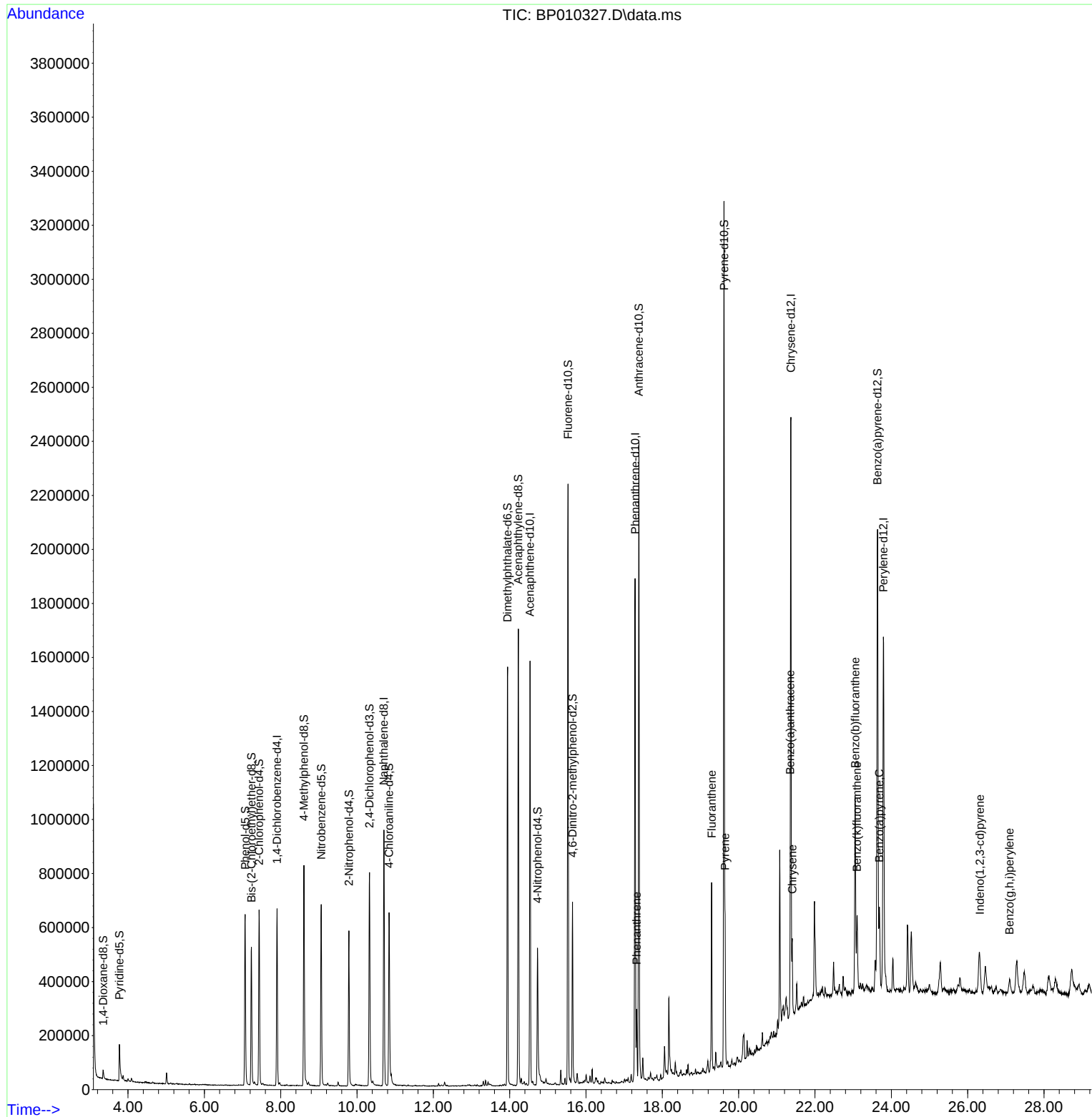
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
Data File : BP010327.D
Acq On : 12 May 2022 16:53
Operator : CG/JU
Sample : N2714-08
Misc :
ALS Vial : 51 Sample Multiplier: 1

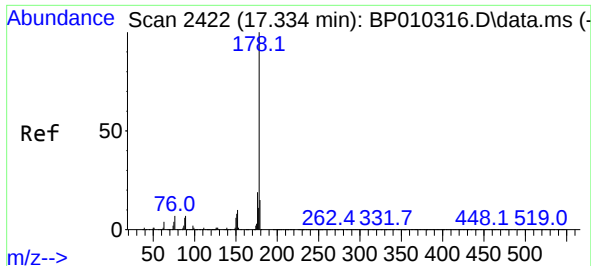
Instrument :
BNA_P
ClientSampleId :
EW2X9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 13 00:02:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 01:10:15 2022
Response via : Initial Calibration





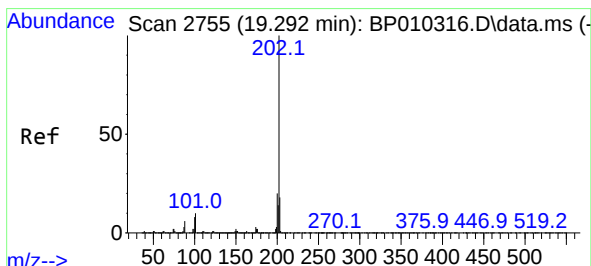
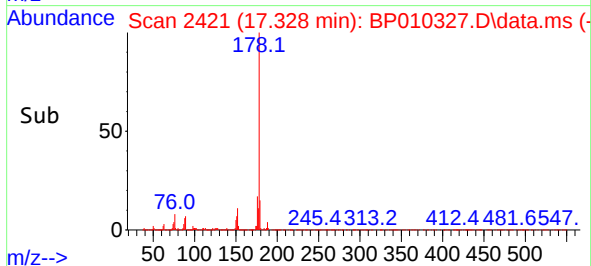
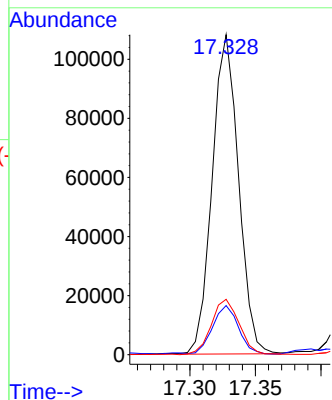
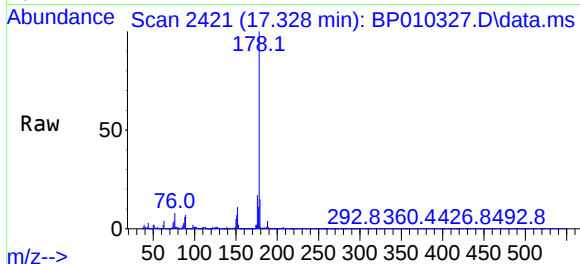
#72
Phenanthrene
Concen: 2.436 ng/u1
RT: 17.328 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

Instrument :
BNA_P
ClientSampleId :
EW2X9

Tgt Ion:178 Resp: 150908
Ion Ratio Lower Upper
178 100
179 15.4 11.7 17.5
176 17.3 14.5 21.7

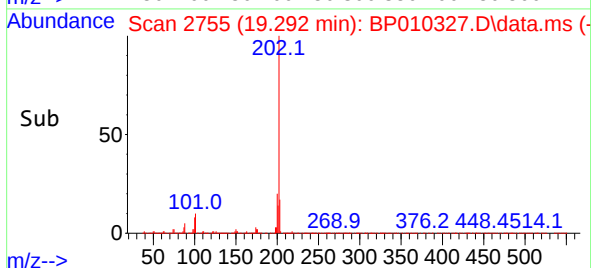
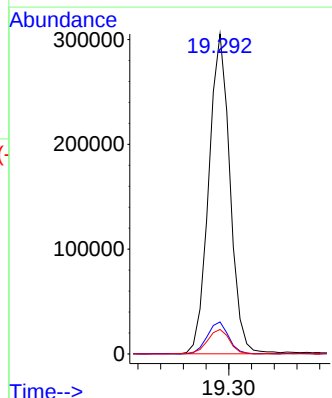
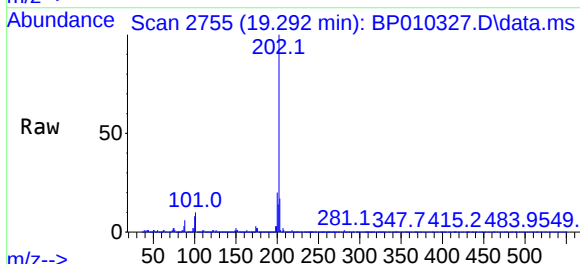
Manual Integrations
APPROVED

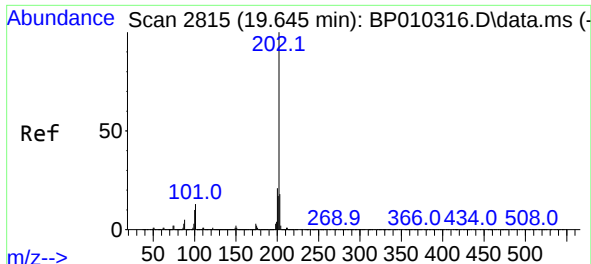
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#80
Fluoranthene
Concen: 5.837 ng/u1
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

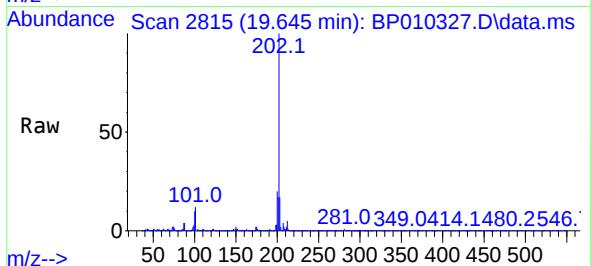
Tgt Ion:202 Resp: 395897
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.7 6.3 9.5





#82
Pyrene
Concen: 4.460 ng/u1
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

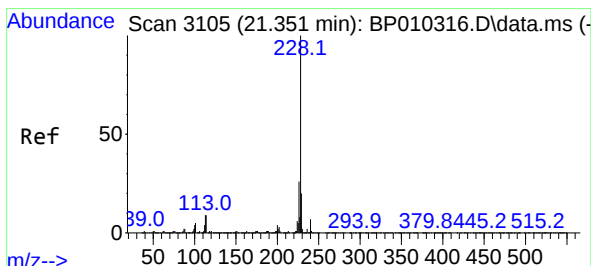
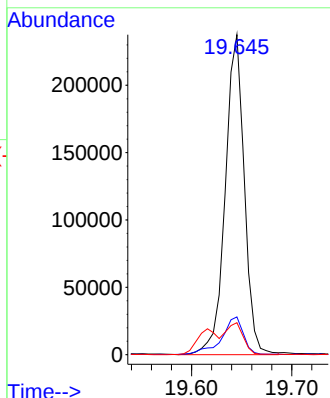
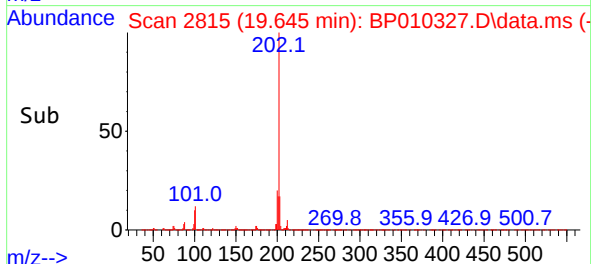
Instrument :
BNA_P
ClientSampleId :
EW2X9



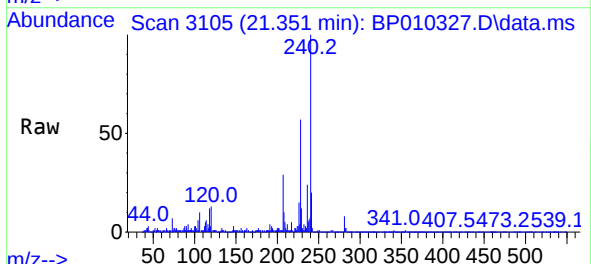
Tgt Ion:202 Resp: 313149
Ion Ratio Lower Upper
202 100
101 11.8 10.6 15.8
100 10.0 9.8 14.6

Manual Integrations
APPROVED

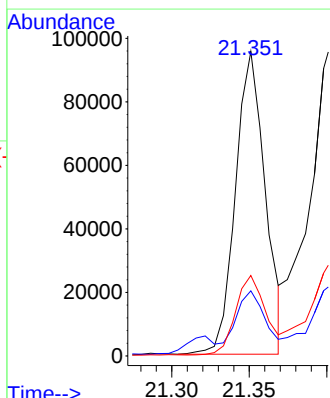
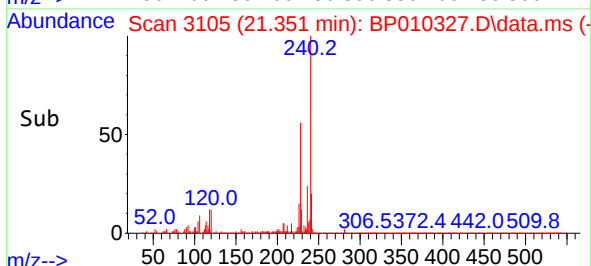
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022

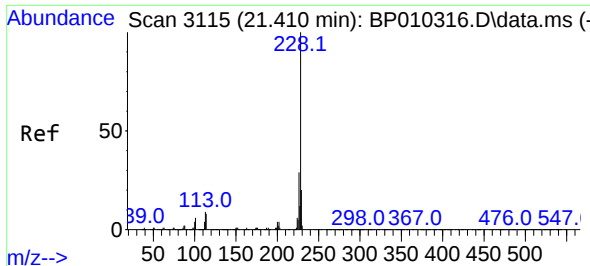


#85
Benzo(a)anthracene
Concen: 1.805 ng/u1
RT: 21.351 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53



Tgt Ion:228 Resp: 127398
Ion Ratio Lower Upper
228 100
229 21.4 18.2 27.2
226 26.4 22.8 34.2





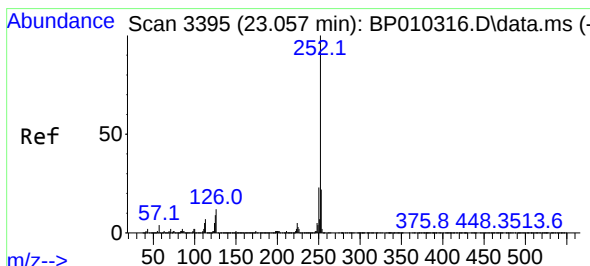
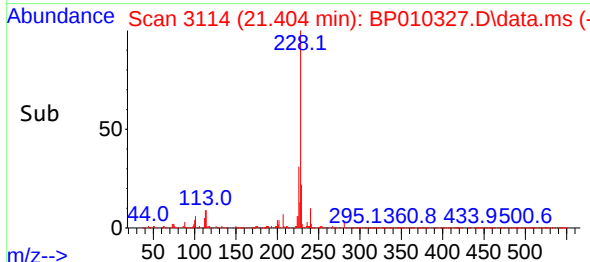
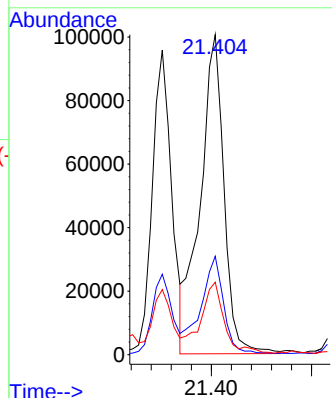
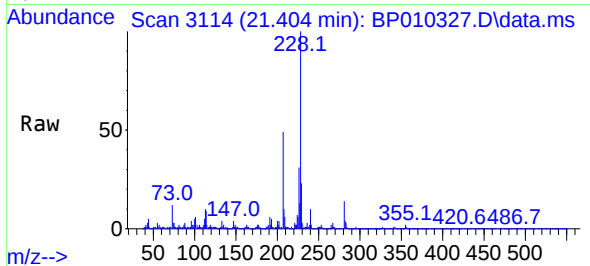
#87
Chrysene
Concen: 2.384 ng/u1
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

Instrument :
BNA_P
ClientSampleId :
EW2X9

Tgt Ion:228 Resp: 166760
Ion Ratio Lower Upper
228 100
226 30.7 22.7 34.1
229 22.6 15.2 22.8

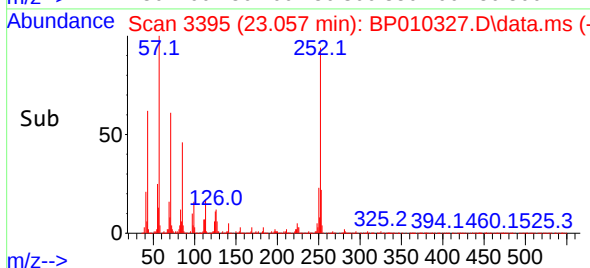
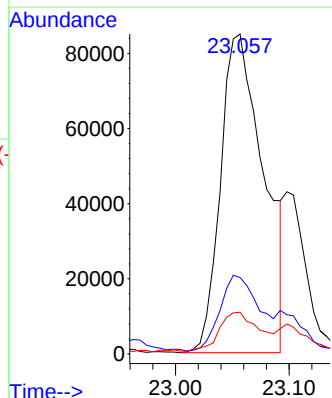
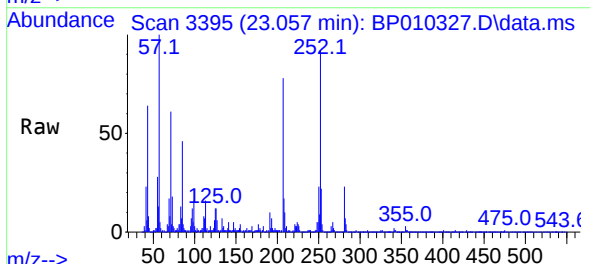
Manual Integrations
APPROVED

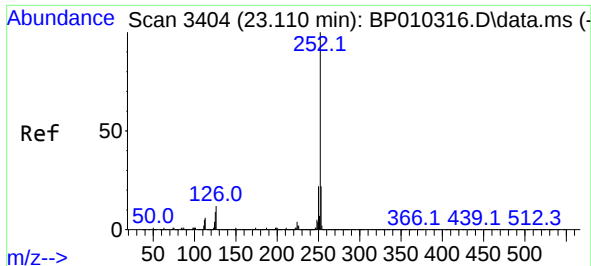
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#90
Benzo(b)fluoranthene
Concen: 3.519 ng/u1
RT: 23.057 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

Tgt Ion:252 Resp: 223858
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 13.1 7.3 10.9#





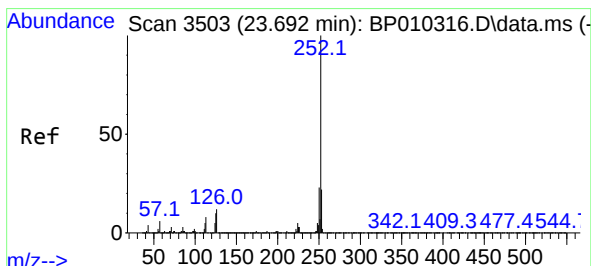
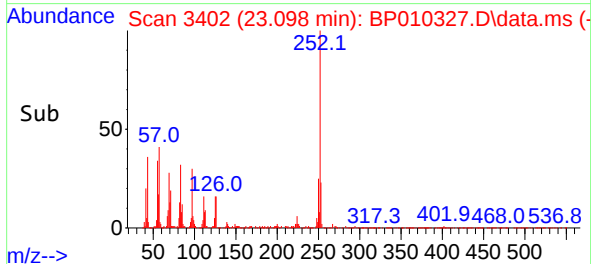
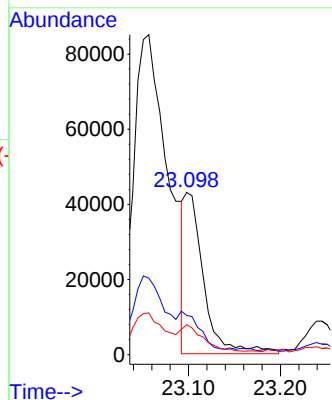
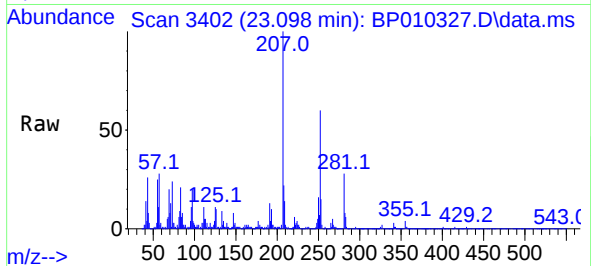
#91
Benzo(k)fluoranthene
Concen: 1.040 ng/ul m
RT: 23.098 min Scan# 3404
Delta R.T. -0.023 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

Instrument :
BNA_P
ClientSampleId :
EW2X9

Tgt Ion:252 Resp: 62435
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 18.5 5.1 7.7

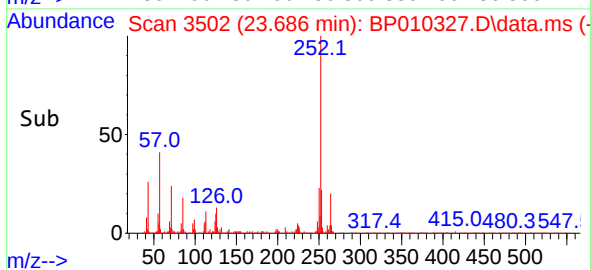
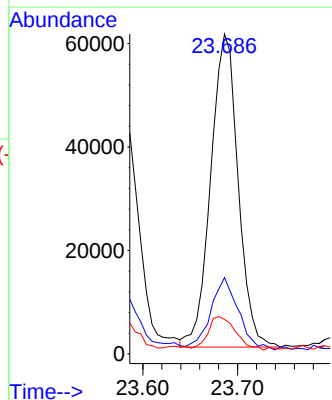
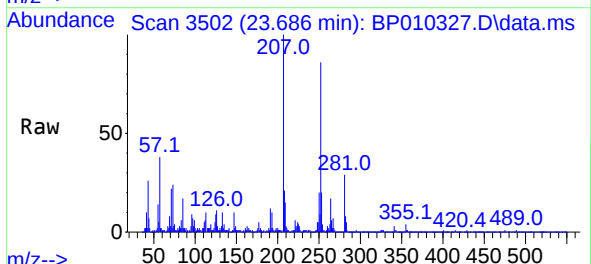
Manual Integrations
APPROVED

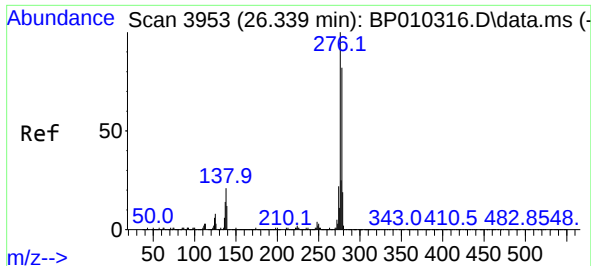
Reviewed By :Jagrut Upadhyay 05/16/2022
Supervised By :Yogesh Patel 05/17/2022



#93
Benzo(a)pyrene
Concen: 1.974 ng/ul
RT: 23.686 min Scan# 3502
Delta R.T. -0.023 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

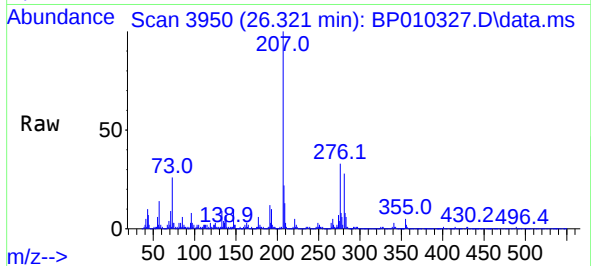
Tgt Ion:252 Resp: 121633
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 10.8 6.4 9.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.190 ng/ul
RT: 26.321 min Scan# 3950
Delta R.T. -0.041 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53

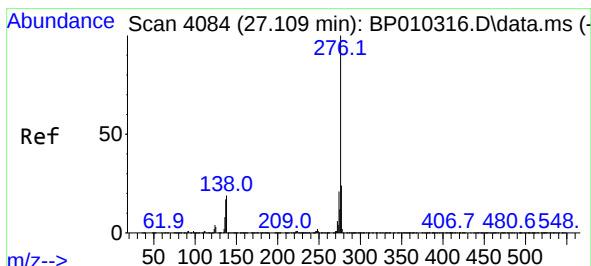
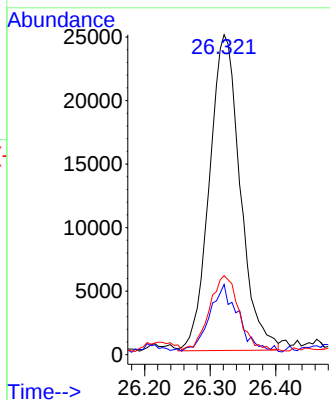
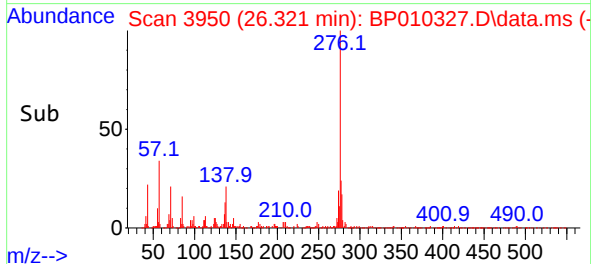
Instrument :
BNA_P
ClientSampleId :
EW2X9



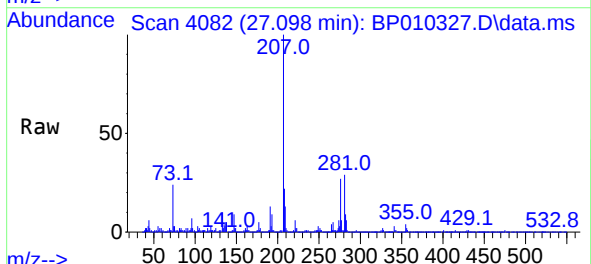
Tgt Ion: 276 Resp: 8106
Ion Ratio Lower Upper
276 100
138 21.9 12.3 18.5
277 24.7 19.3 28.9

Manual Integrations
APPROVED

Reviewed By : Jagrut Upadhyay 05/16/2022
Supervised By : Yogesh Patel 05/17/2022



#96
Benzo(g,h,i)perylene
Concen: 1.205 ng/ul
RT: 27.098 min Scan# 4082
Delta R.T. -0.035 min
Lab File: BP010327.D
Acq: 12 May 2022 16:53



Tgt Ion: 276 Resp: 69317
Ion Ratio Lower Upper
276 100
138 17.4 11.6 17.4
277 23.6 15.9 23.9

