

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010282.D
 Acq On : 11 May 2022 10:54
 Operator : CG/JU
 Sample : N2632-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4A6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

Quant Time: May 12 01:11:43 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	7.910	152	135165	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	601896	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	424101	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	928147	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.374	240	998703	20.000	ng/u1	0.00
88) Perylene-d12	23.810	264	1053383	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	6792m	2.135	ng/uL	0.00
4) Pyridine-d5	3.799	84	15330m	1.731	ng/u1	0.03
7) Phenol-d5	7.075	99	110882	8.832	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	82439	10.615	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	89627	9.694	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	89463	8.668	ng/u1	0.00
21) Nitrobenzene-d5	9.069	128	46912	9.720	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	49596	9.013	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	93308m	9.317	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	115038	7.780	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	381690	11.297	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	399857	9.926	ng/u1	0.00
54) 4-Nitrophenol-d4	14.739	143	40594m	6.264	ng/u1	0.00
60) Fluorene-d10	15.534	176	337818	11.845	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	46500	7.316	ng/u1	0.00
73) Anthracene-d10	17.392	188	563773	12.404	ng/u1	0.00
81) Pyrene-d10	19.622	212	788703	14.291	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.651	264	790212	14.066	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.333	178	230044	4.495	ng/u1	96
74) Anthracene	17.428	178	54142	1.043	ng/u1	98
80) Fluoranthene	19.298	202	486833	7.758	ng/u1	97
82) Pyrene	19.651	202	407313	6.271	ng/u1#	93
85) Benzo(a)anthracene	21.357	228	243119	3.724	ng/u1	95
87) Chrysene	21.410	228	215352	3.328	ng/u1	96
90) Benzo(b)fluoranthene	23.068	252	292995	4.235	ng/u1	96
91) Benzo(k)fluoranthene	23.110	252	111334m	1.706	ng/u1	
93) Benzo(a)pyrene	23.698	252	202786	3.026	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.339	276	128055	1.729	ng/u1	97
96) Benzo(g,h,i)perylene	27.121	276	97467	1.558	ng/u1#	90

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

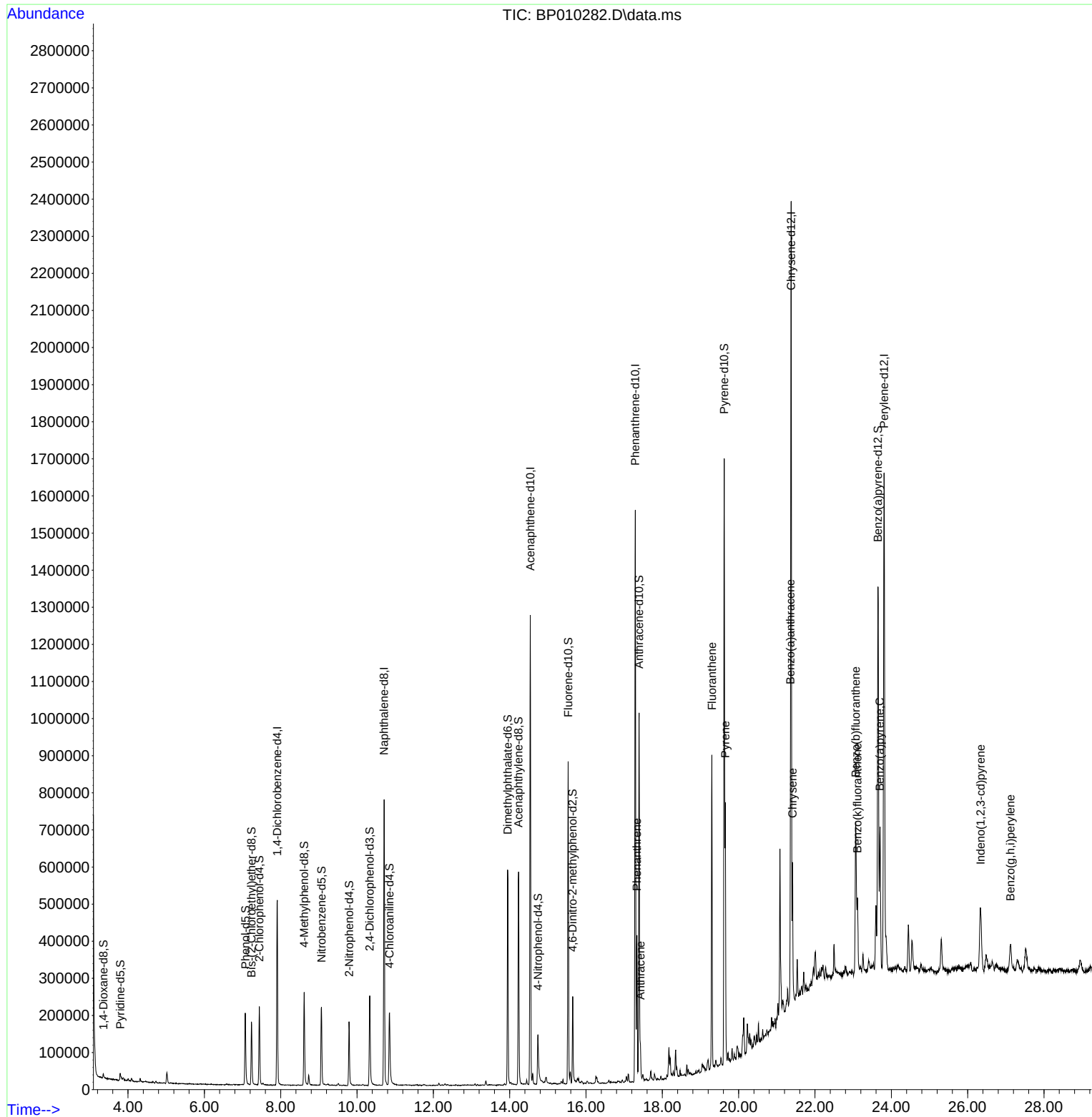
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
Data File : BP010282.D
Acq On : 11 May 2022 10:54
Operator : CG/JU
Sample : N2632-05
Misc :
ALS Vial : 4 Sample Multiplier: 1

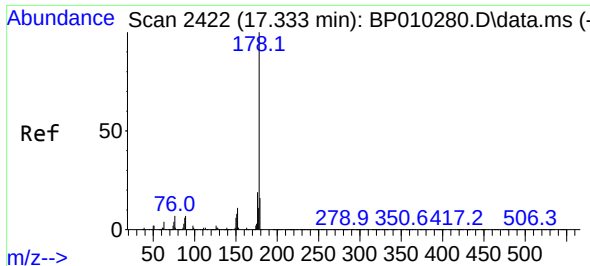
Instrument :
BNA_P
ClientSampleId :
EW4A6

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

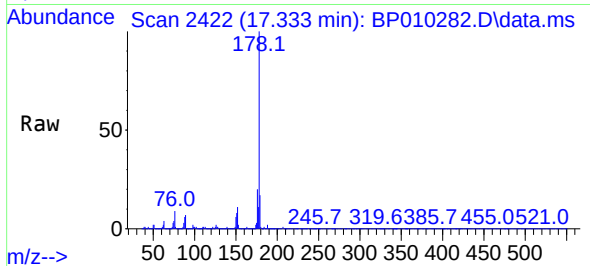
Quant Time: May 12 01:11:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 12 01:10:15 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.495 ng/ul
RT: 17.333 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

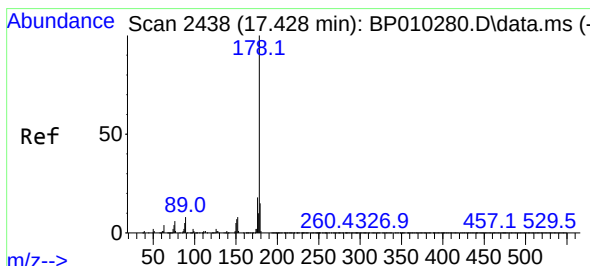
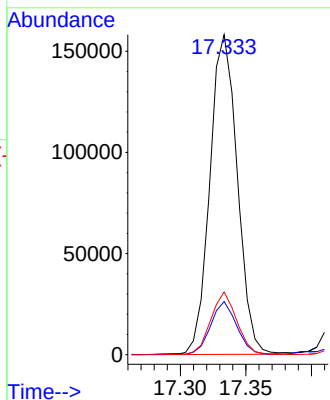
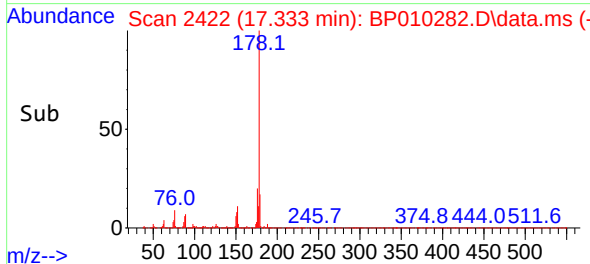
Instrument :
BNA_P
ClientSampleId :
EW4A6



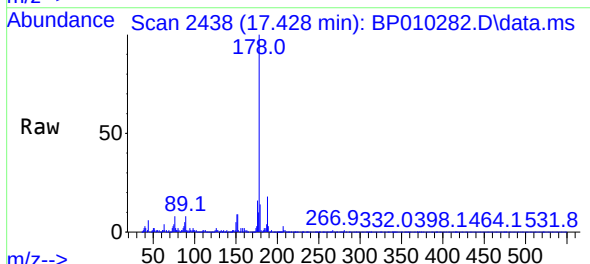
Tgt Ion:178 Resp: 230044
Ion Ratio Lower Upper
178 100
179 16.6 11.7 17.5
176 19.6 14.5 21.7

Manual Integrations
APPROVED

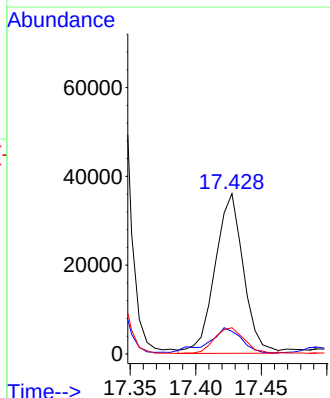
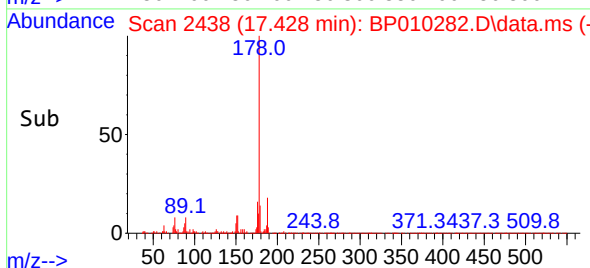
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

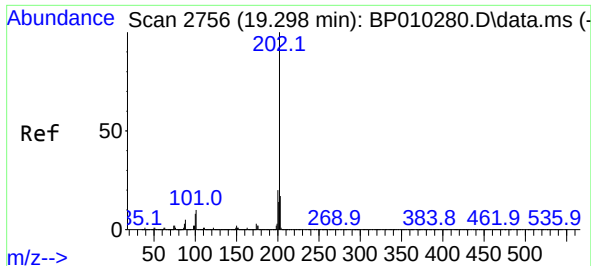


#74
Anthracene
Concen: 1.043 ng/ul
RT: 17.428 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54



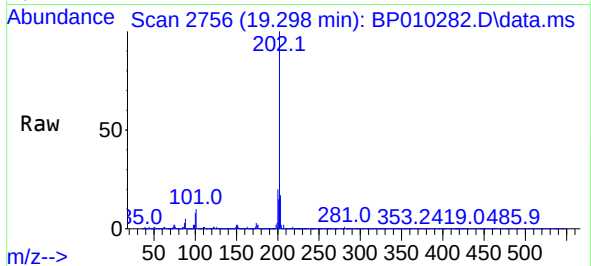
Tgt Ion:178 Resp: 54142
Ion Ratio Lower Upper
178 100
179 14.0 12.3 18.5
176 16.3 13.4 20.2





#80
Fluoranthene
Concen: 7.758 ng/u1
RT: 19.298 min Scan# 2756
Delta R.T. -0.000 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

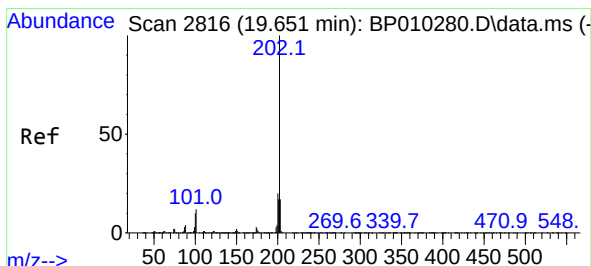
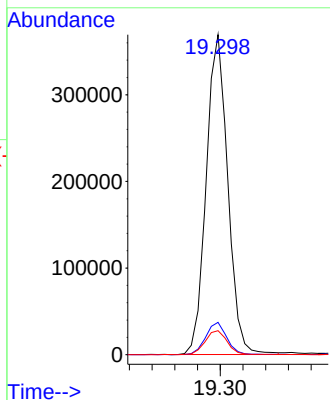
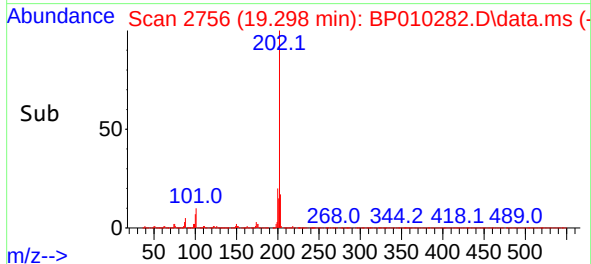
Instrument :
BNA_P
ClientSampleId :
EW4A6



Tgt Ion:202 Resp: 486833
Ion Ratio Lower Upper
202 100
101 10.1 9.6 14.4
100 7.5 6.3 9.5

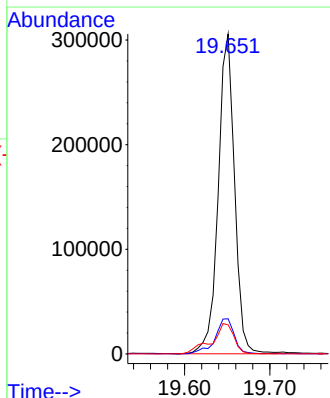
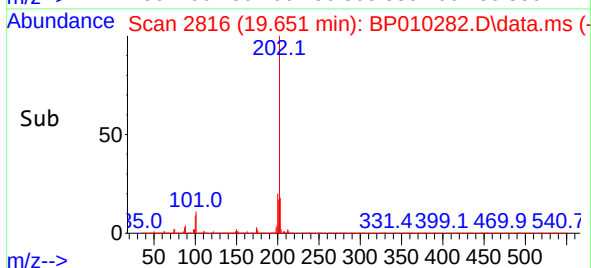
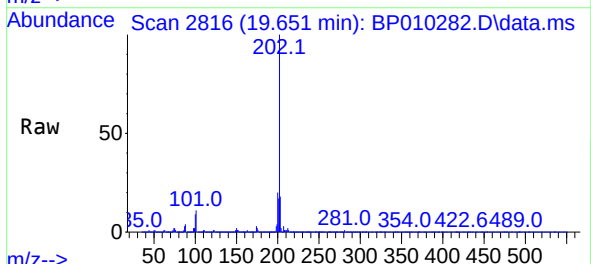
Manual Integrations
APPROVED

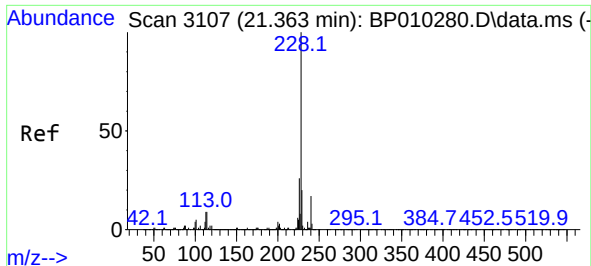
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#82
Pyrene
Concen: 6.271 ng/u1
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

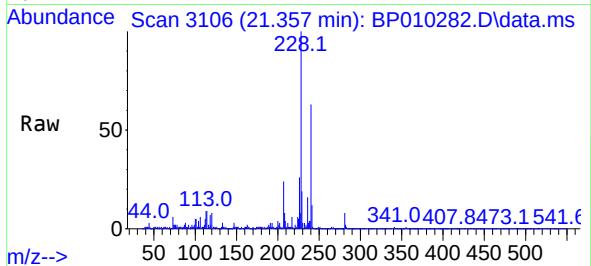
Tgt Ion:202 Resp: 407313
Ion Ratio Lower Upper
202 100
101 11.0 10.6 15.8
100 9.1 9.8 14.6#





#85
Benzo(a)anthracene
Concen: 3.724 ng/u1
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

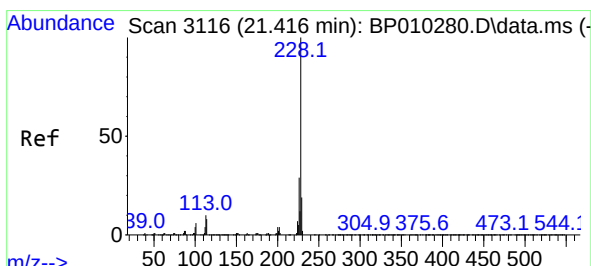
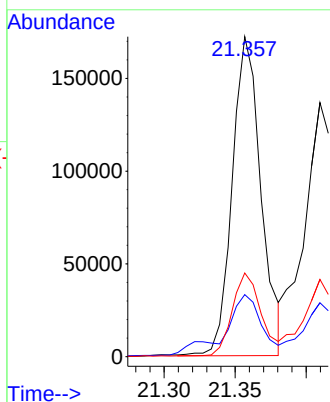
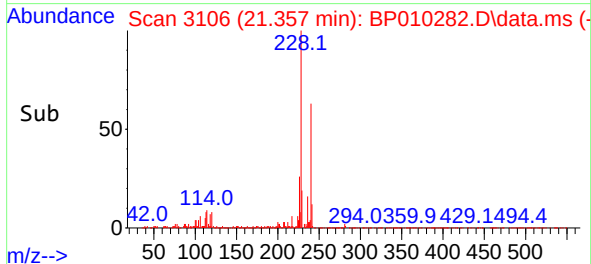
Instrument :
BNA_P
ClientSampleId :
EW4A6



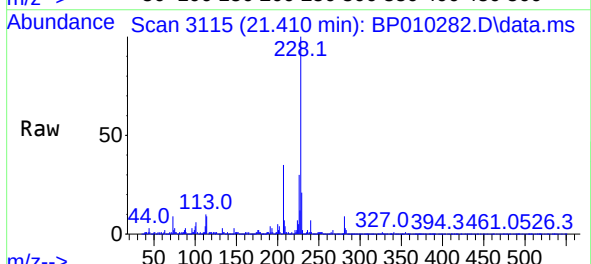
Tgt Ion:228 Resp: 243119
Ion Ratio Lower Upper
228 100
229 19.4 18.2 27.2
226 26.2 22.8 34.2

Manual Integrations
APPROVED

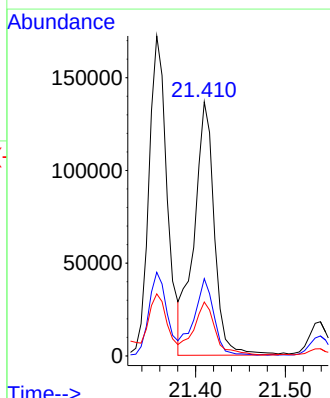
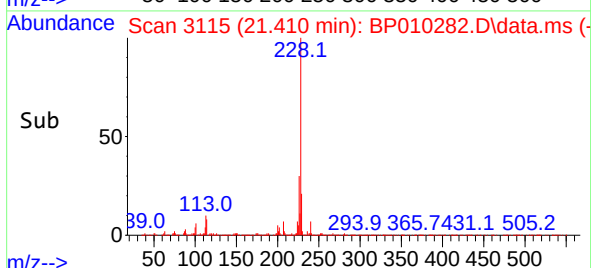
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

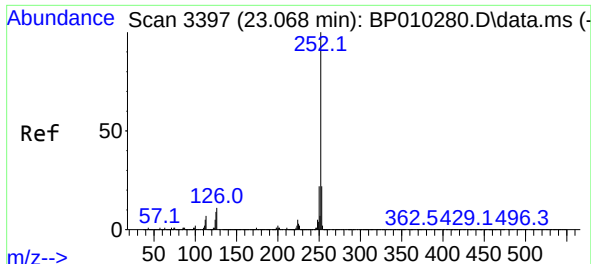


#87
Chrysene
Concen: 3.328 ng/u1
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54



Tgt Ion:228 Resp: 215352
Ion Ratio Lower Upper
228 100
226 30.4 22.7 34.1
229 21.2 15.2 22.8





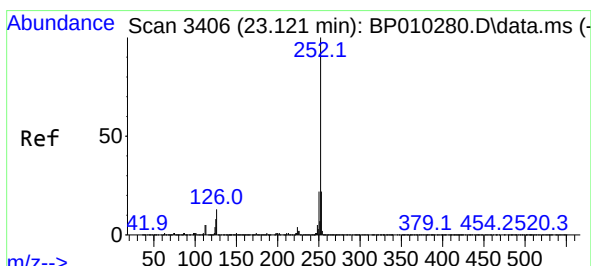
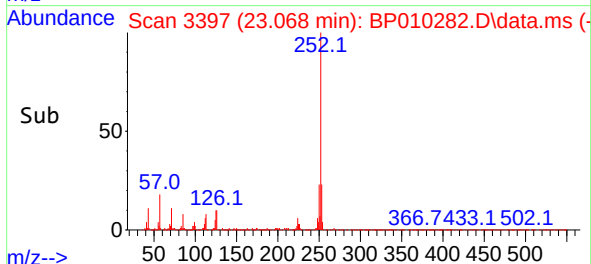
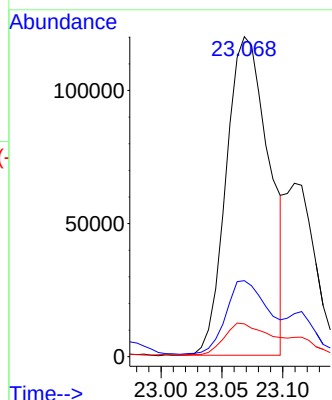
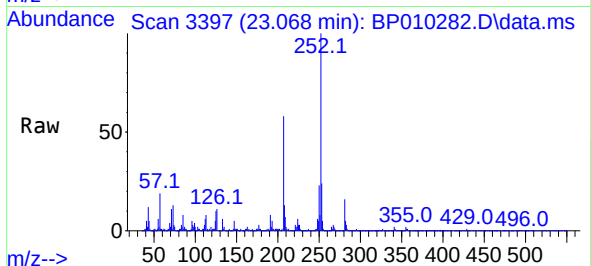
#90
Benzo(b)fluoranthene
Concen: 4.235 ng/ul
RT: 23.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

Instrument :
BNA_P
ClientSampleId :
EW4A6

Tgt Ion:252 Resp: 29299
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 10.3 7.3 10.9

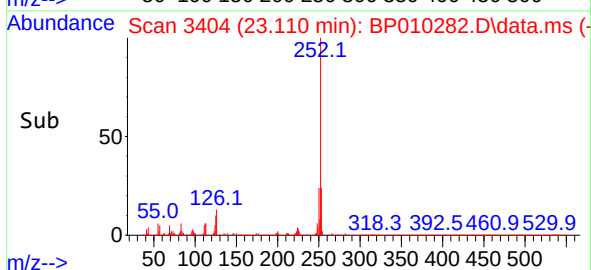
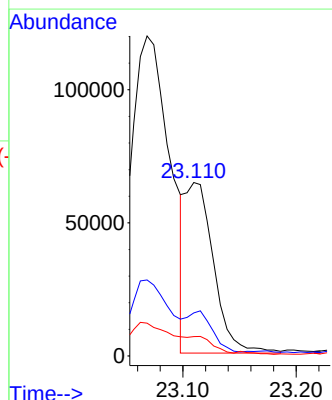
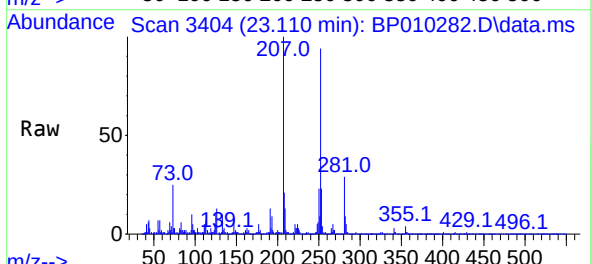
Manual Integrations
APPROVED

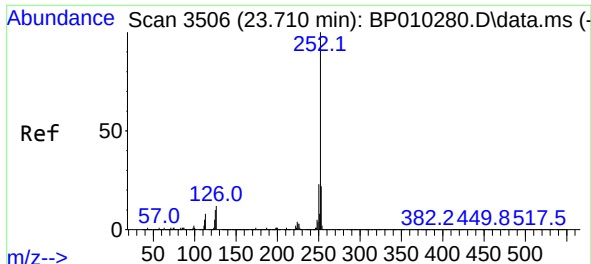
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#91
Benzo(k)fluoranthene
Concen: 1.706 ng/ul m
RT: 23.110 min Scan# 3404
Delta R.T. -0.012 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

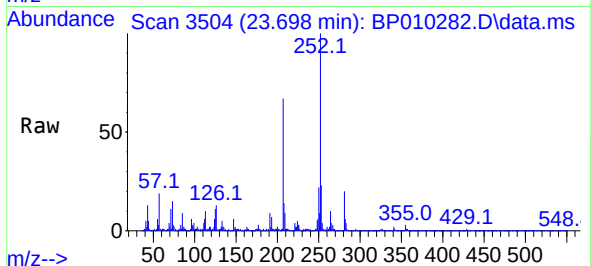
Tgt Ion:252 Resp: 111334
Ion Ratio Lower Upper
252 100
253 24.8 17.9 26.9
125 11.1 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 3.026 ng/ul
RT: 23.698 min Scan# 3504
Delta R.T. -0.012 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

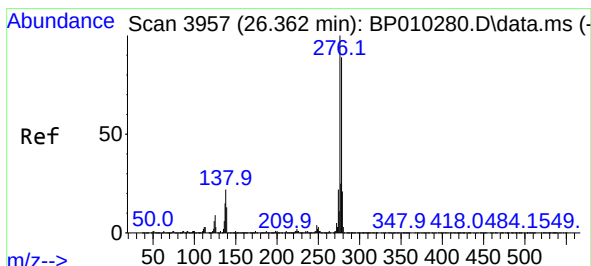
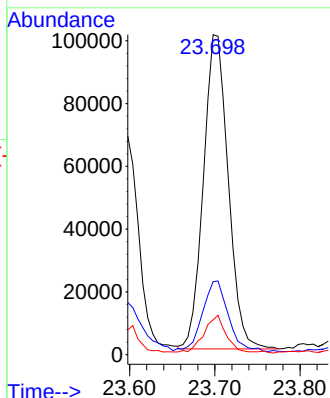
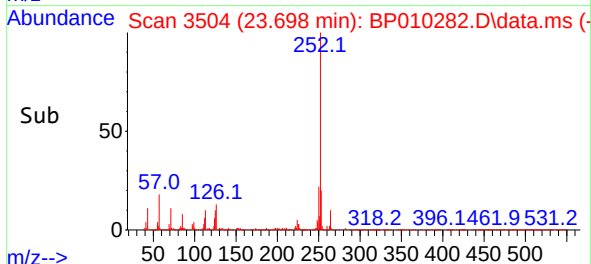
Instrument :
BNA_P
ClientSampleId :
EW4A6



Tgt Ion: 252 Resp: 202780
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.9 6.4 9.6

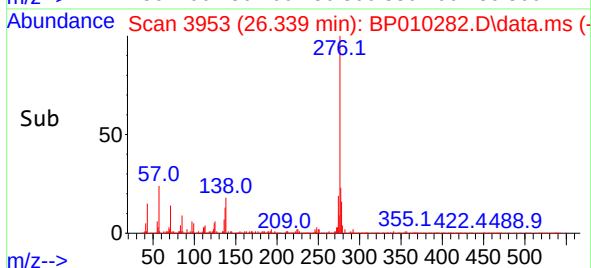
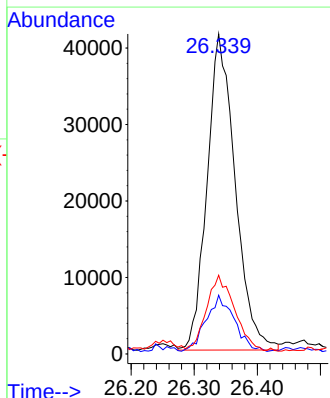
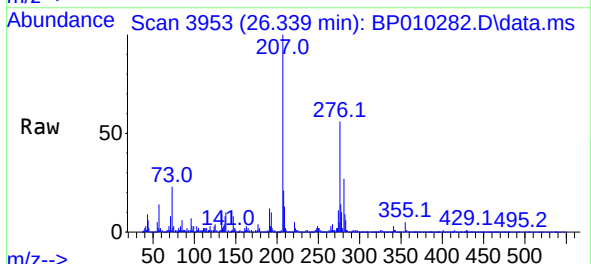
Manual Integrations
APPROVED

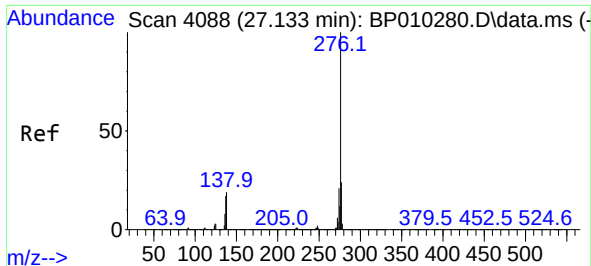
Reviewed By : Jagrut Upadhyay 05/12/2022
Supervised By : Yogesh Patel 05/17/2022



#94
Indeno(1,2,3-cd)pyrene
Concen: 1.729 ng/ul
RT: 26.339 min Scan# 3953
Delta R.T. -0.024 min
Lab File: BP010282.D
Acq: 11 May 2022 10:54

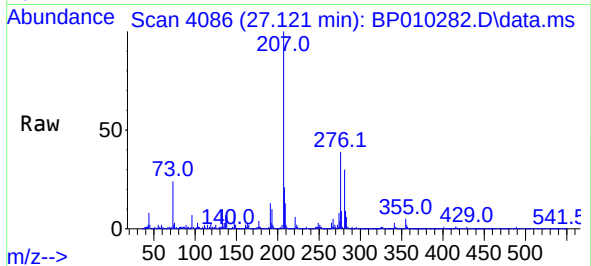
Tgt Ion: 276 Resp: 128055
Ion Ratio Lower Upper
276 100
138 18.3 12.3 18.5
277 24.6 19.3 28.9





#96
 Benzo(g,h,i)perylene
 Concen: 1.558 ng/ul
 RT: 27.121 min Scan# 4086
 Delta R.T. -0.012 min
 Lab File: BP010282.D
 Acq: 11 May 2022 10:54

Instrument :
 BNA_P
 ClientSampleId :
 EW4A6



Tgt Ion: 276 Resp: 9746

Ion	Ratio	Lower	Upper
276	100		
138	18.9	11.6	17.4
277	23.9	15.9	23.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022

