

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042722\
 Data File : BP010117.D
 Acq On : 27 Apr 2022 11:37
 Operator : CG/JU
 Sample : N2470-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFG0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 28 03:23:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 21 14:49:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	192122	20.000	ng/u1	0.00
20) Naphthalene-d8	10.734	136	798611	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.563	164	521789	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.316	188	1076613	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.404	240	851135	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	697473	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	9556	2.169	ng/uL	0.00
4) Pyridine-d5	3.805	84	13651m	1.101	ng/u1	0.02
7) Phenol-d5	7.093	99	172701	9.883	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.258	67	121362	11.574	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.463	132	143976	11.125	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	146777	10.137	ng/u1	-0.02
21) Nitrobenzene-d5	9.093	128	70365	11.078	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	75292	10.854	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	139820	10.354	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	152245m	7.863	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	485921	11.972	ng/u1	-0.01
49) Acenaphthylene-d8	14.257	160	533839	10.867	ng/u1	0.00
54) 4-Nitrophenol-d4	14.757	143	52735m	7.057	ng/u1	0.00
60) Fluorene-d10	15.557	176	445591	12.762	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.675	200	57877	8.502	ng/u1	0.00
73) Anthracene-d10	17.416	188	722500	13.871	ng/u1	0.00
81) Pyrene-d10	19.651	212	725383	14.986	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	329237	9.004	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.357	178	844145	14.426	ng/u1	98
74) Anthracene	17.451	178	169827	2.881	ng/u1	99
80) Fluoranthene	19.328	202	1964707	35.986	ng/u1#	94
82) Pyrene	19.675	202	1232514	21.912	ng/u1#	94
85) Benzo(a)anthracene	21.386	228	723508	13.394	ng/u1	96
87) Chrysene	21.439	228	698314	13.130	ng/u1	97
90) Benzo(b)fluoranthene	23.110	252	791411	16.878	ng/u1	99
91) Benzo(k)fluoranthene	23.151	252	282631m	6.363	ng/u1	
93) Benzo(a)pyrene	23.745	252	244685	5.643	ng/u1#	95
94) Indeno(1,2,3-cd)pyrene	26.410	276	215168	4.988	ng/u1	98
95) Dibenzo(a,h)anthracene	26.421	278	75750	2.052	ng/u1#	86

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

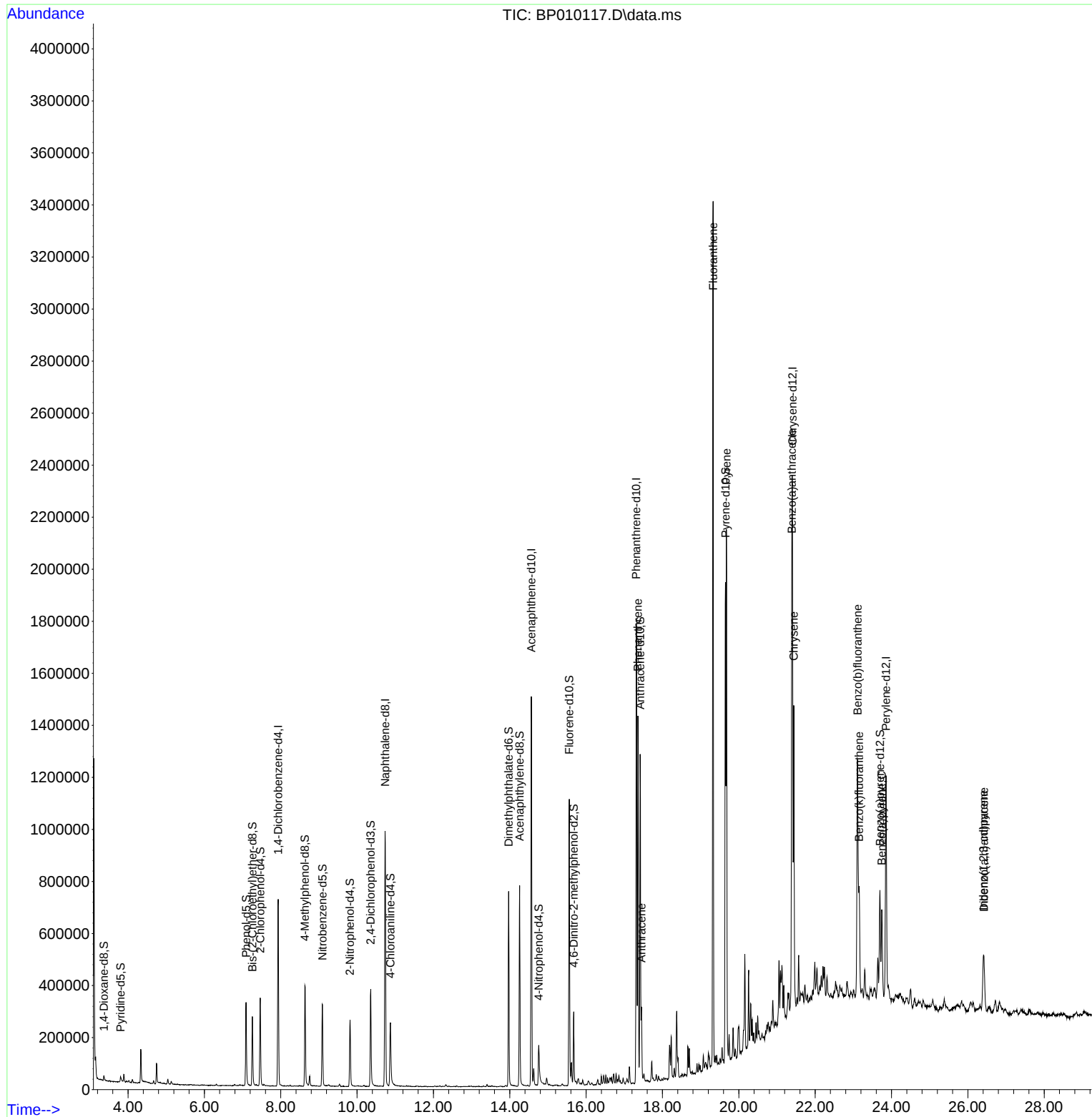
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042722\
Data File : BP010117.D
Acq On : 27 Apr 2022 11:37
Operator : CG/JU
Sample : N2470-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

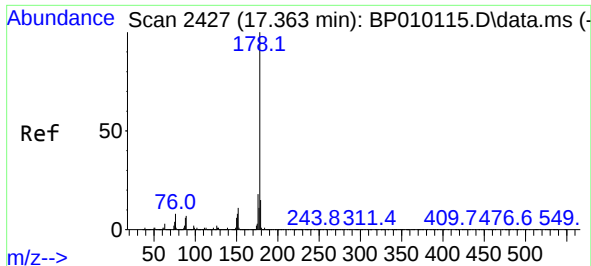
Instrument :
BNA_P
ClientSampleId :
BFFG0

Quant Time: Apr 28 03:23:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022





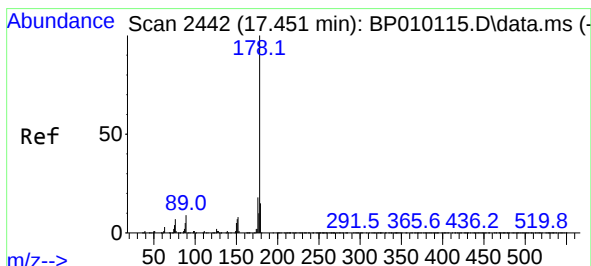
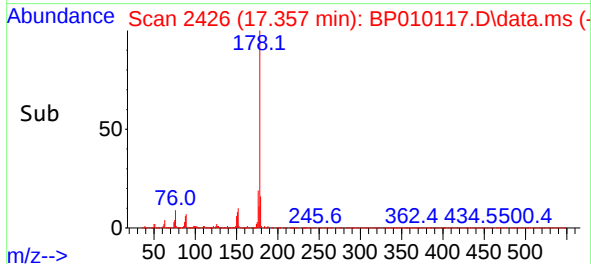
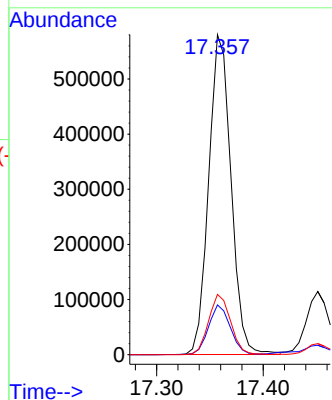
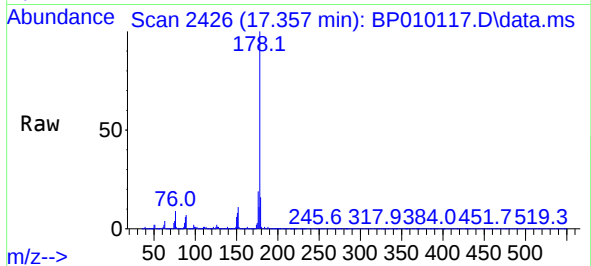
#72
Phenanthrene
Concen: 14.426 ng/ul
RT: 17.357 min Scan# 2426
Delta R.T. -0.012 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

Instrument :
BNA_P
ClientSampleId :
BFFG0

Tgt Ion:178 Resp: 84414
Ion Ratio Lower Upper
178 100
179 15.6 11.7 17.5
176 18.9 14.5 21.7

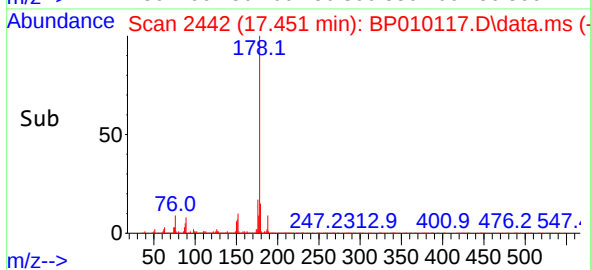
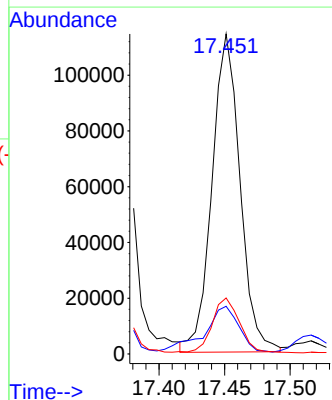
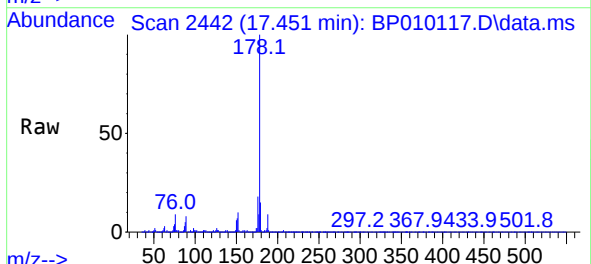
Manual Integrations
APPROVED

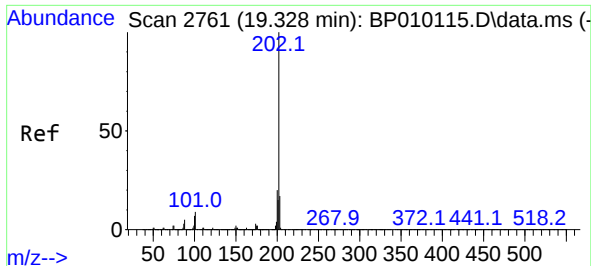
Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022



#74
Anthracene
Concen: 2.881 ng/ul
RT: 17.451 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

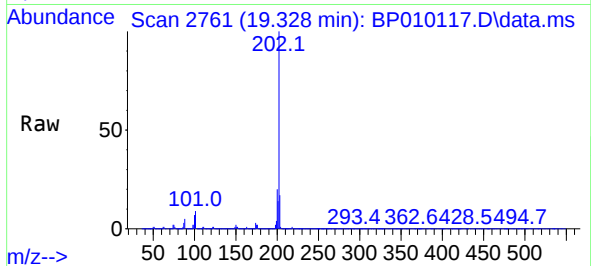
Tgt Ion:178 Resp: 169827
Ion Ratio Lower Upper
178 100
179 14.9 12.3 18.5
176 17.5 13.4 20.2





#80
Fluoranthene
Concen: 35.986 ng/u1
RT: 19.328 min Scan# 21
Delta R.T. 0.001 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

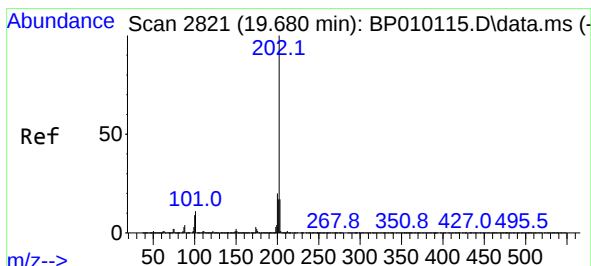
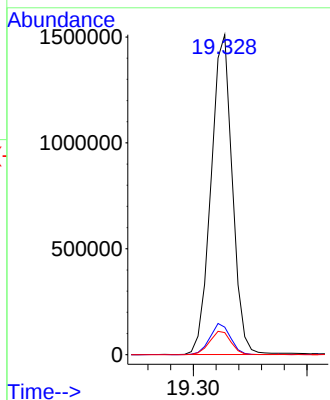
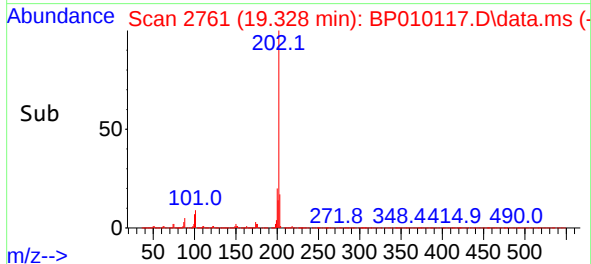
Instrument :
BNA_P
ClientSampleId :
BFFG0



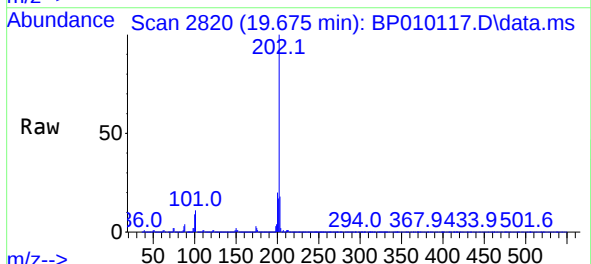
Tgt Ion:202 Resp: 196470
Ion Ratio Lower Upper
202 100
101 8.6 9.6 14.4
100 6.9 6.3 9.5

Manual Integrations
APPROVED

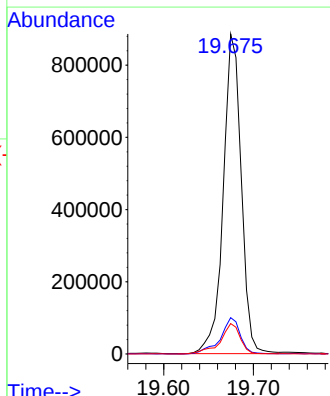
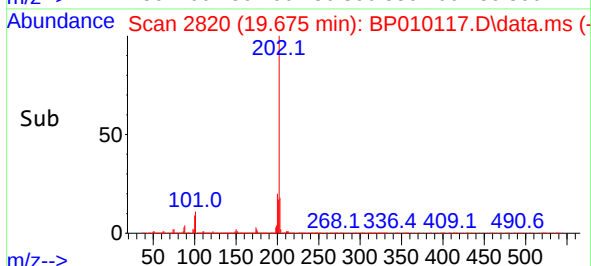
Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022

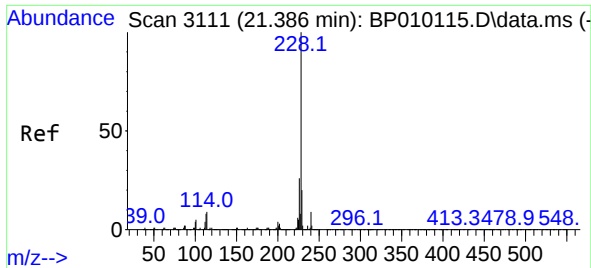


#82
Pyrene
Concen: 21.912 ng/u1
RT: 19.675 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37



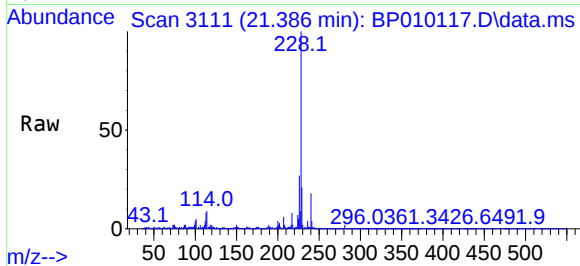
Tgt Ion:202 Resp: 1232514
Ion Ratio Lower Upper
202 100
101 11.4 10.6 15.8
100 9.5 9.8 14.6#





#85
Benzo(a)anthracene
Concen: 13.394 ng/u1
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

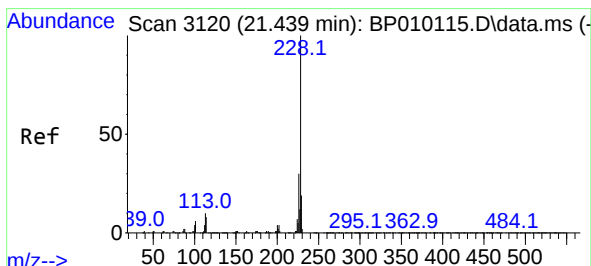
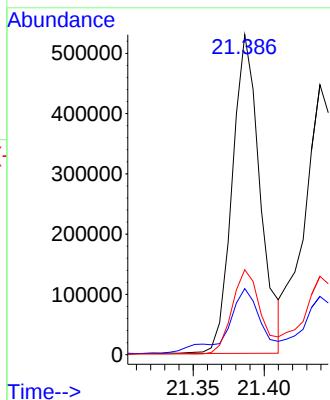
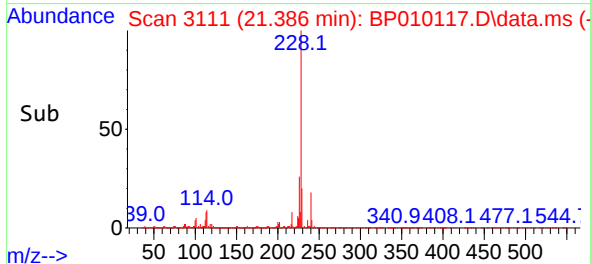
Instrument :
BNA_P
ClientSampleId :
BFFG0



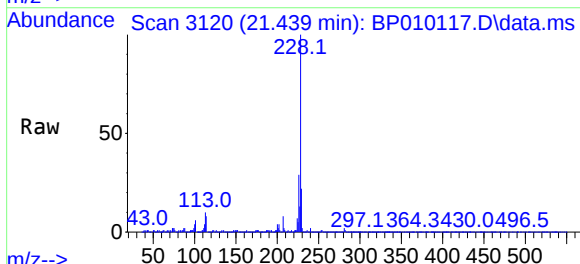
Tgt Ion:228 Resp: 723508
Ion Ratio Lower Upper
228 100
229 20.6 18.2 27.2
226 26.6 22.8 34.2

Manual Integrations
APPROVED

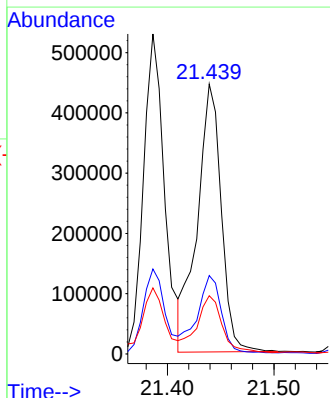
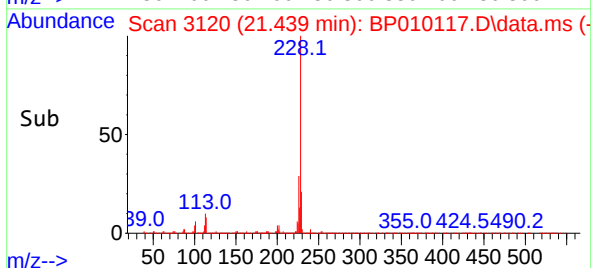
Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022

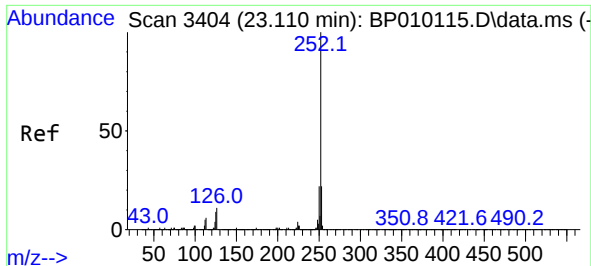


#87
Chrysene
Concen: 13.130 ng/u1
RT: 21.439 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37



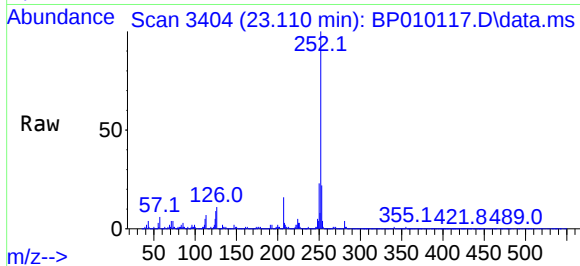
Tgt Ion:228 Resp: 698314
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.6 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 16.878 ng/ul
RT: 23.110 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

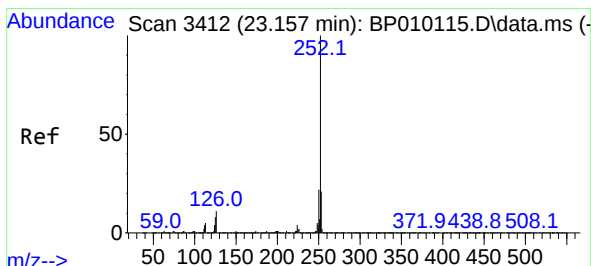
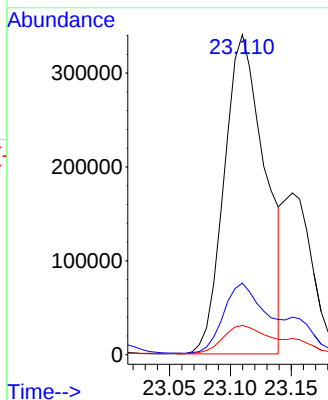
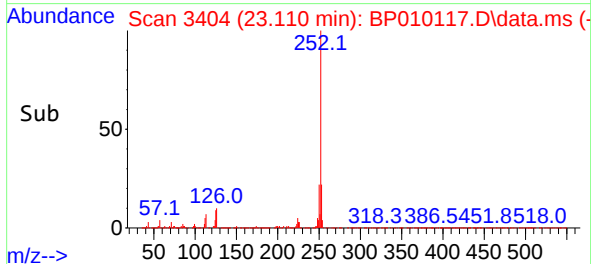
Instrument :
BNA_P
ClientSampleId :
BFFG0



Tgt Ion:252 Resp: 79141
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.2 7.3 10.9

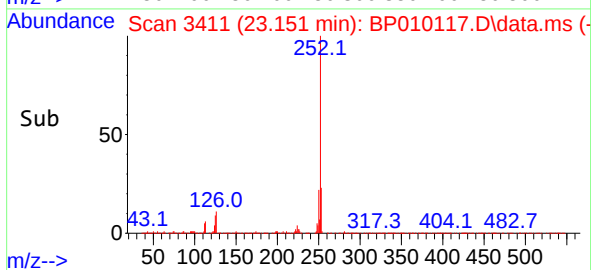
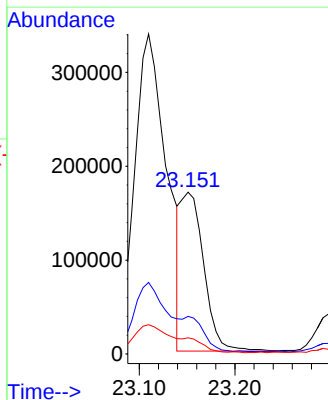
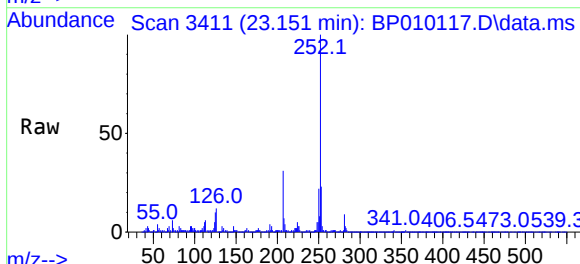
Manual Integrations
APPROVED

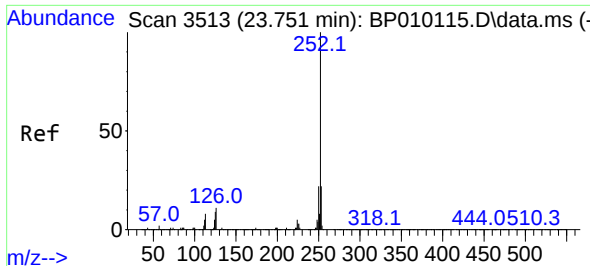
Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022



#91
Benzo(k)fluoranthene
Concen: 6.363 ng/ul m
RT: 23.151 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

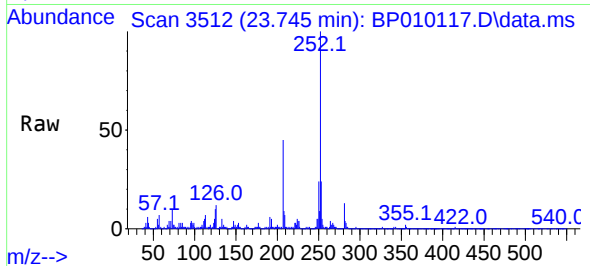
Tgt Ion:252 Resp: 282631
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 10.0 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 5.643 ng/ul
RT: 23.745 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37

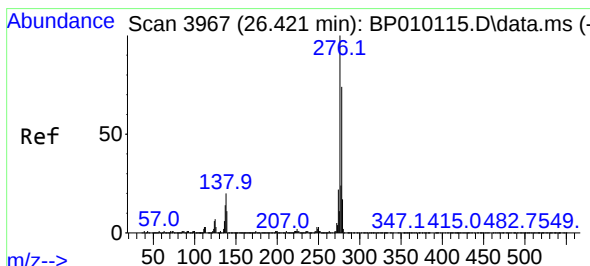
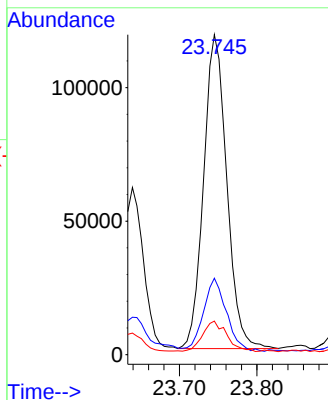
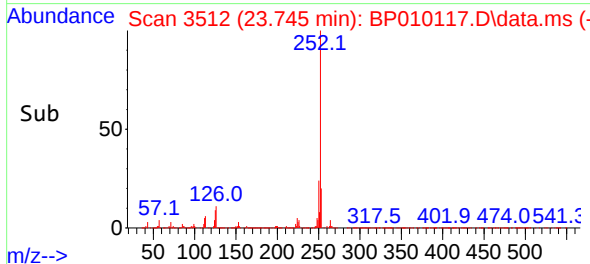
Instrument :
BNA_P
ClientSampleId :
BFFG0



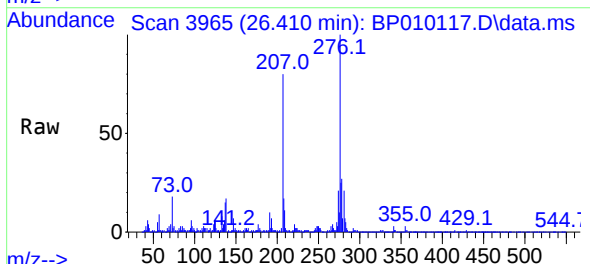
Tgt Ion:252 Resp: 244685
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 10.5 6.4 9.6

Manual Integrations
APPROVED

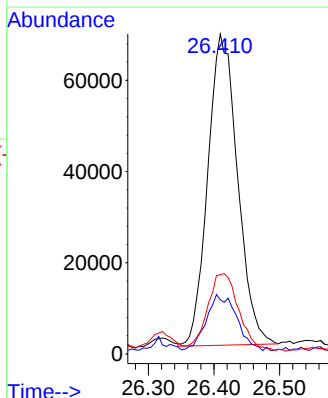
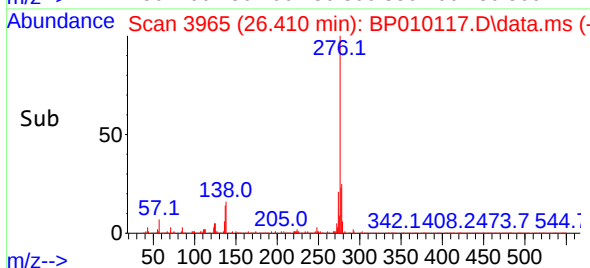
Reviewed By :Jagrut Upadhyay 04/28/2022
Supervised By :Yogesh Patel 05/05/2022

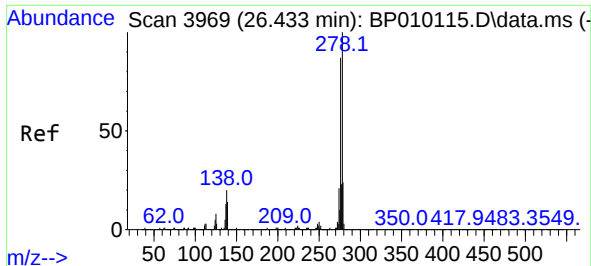


#94
Indeno(1,2,3-cd)pyrene
Concen: 4.988 ng/ul
RT: 26.410 min Scan# 3965
Delta R.T. -0.017 min
Lab File: BP010117.D
Acq: 27 Apr 2022 11:37



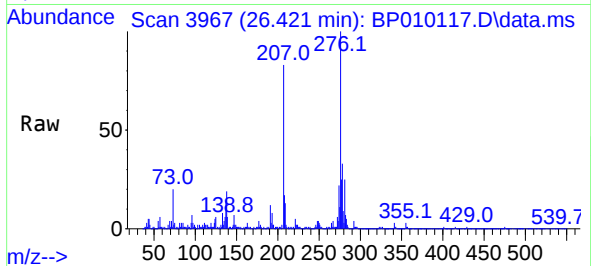
Tgt Ion:276 Resp: 215168
Ion Ratio Lower Upper
276 100
138 17.0 12.3 18.5
277 24.7 19.3 28.9





#95
 Dibenzo(a,h)anthracene
 Concen: 2.052 ng/ul
 RT: 26.421 min Scan# 3967
 Delta R.T. -0.018 min
 Lab File: BP010117.D
 Acq: 27 Apr 2022 11:37

Instrument :
 BNA_P
 ClientSampleId :
 BFFG0



Tgt Ion: 278 Resp: 75750
 Ion Ratio Lower Upper
 278 100
 139 18.7 6.6 10.0
 279 27.2 18.4 27.6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/28/2022
 Supervised By :Yogesh Patel 05/05/2022

