

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010296.D
 Acq On : 11 May 2022 21:39
 Operator : CG/JU
 Sample : N2632-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4A5

Manual Integrations
 APPROVED

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

Quant Time: May 12 01:15:41 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	154530	20.000	ng/u1	# 0.00
20) Naphthalene-d8	10.710	136	673939	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	470240	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1018261	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.368	240	1014658	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	978375	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	12660m	3.480	ng/uL	0.00
4) Pyridine-d5	3.781	84	43656	4.313	ng/u1	0.01
7) Phenol-d5	7.069	99	227933	15.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	164699	18.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	189542	17.932	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	160110	13.569	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	97209	17.989	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	105117	17.061	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	182830	16.304	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	230615	13.930	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	698887	18.656	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	772594	17.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	75897	10.562	ng/u1	0.00
60) Fluorene-d10	15.528	176	604579	19.118	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	75298	10.799	ng/u1	0.00
73) Anthracene-d10	17.386	188	880776	17.663	ng/u1	0.00
81) Pyrene-d10	19.616	212	1172231	20.906	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1039581	19.924	ng/u1	-0.02
Target Compounds						
						Qvalue
72) Phenanthrene	17.327	178	187515	3.340	ng/u1	99
80) Fluoranthene	19.292	202	356632	5.594	ng/u1	98
82) Pyrene	19.645	202	304224	4.610	ng/u1	96
85) Benzo(a)anthracene	21.351	228	171536	2.586	ng/u1	96
87) Chrysene	21.404	228	160700m	2.444	ng/u1	
90) Benzo(b)fluoranthene	23.057	252	205660	3.201	ng/u1	97
91) Benzo(k)fluoranthene	23.104	252	70945m	1.170	ng/u1	
93) Benzo(a)pyrene	23.692	252	138825	2.230	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.333	276	73553	1.069	ng/u1	95
96) Benzo(g,h,i)perylene	27.109	276	59617	1.026	ng/u1#	87

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

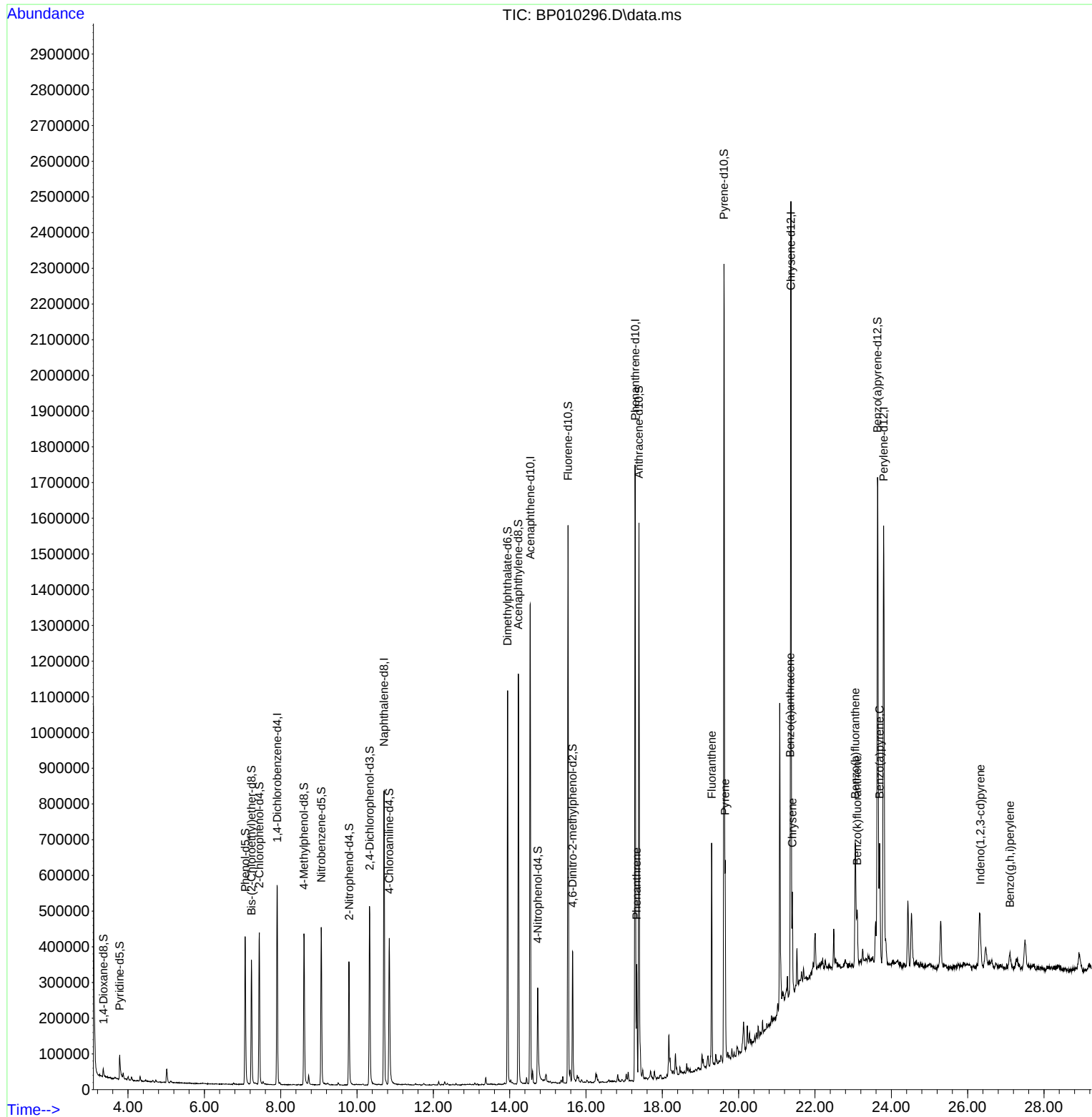
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
Data File : BP010296.D
Acq On : 11 May 2022 21:39
Operator : CG/JU
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ALS Vial : 19 Sample Multiplier: 1

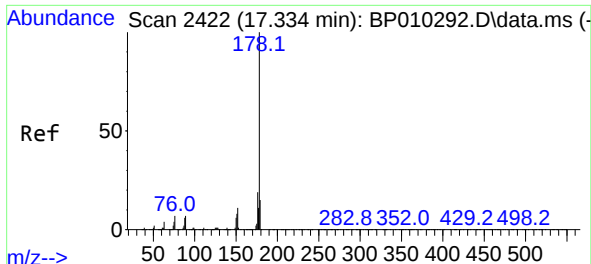
Instrument :
BNA_P
ClientSampleId :
EW4A5

Quant Time: May 12 01:15:41 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
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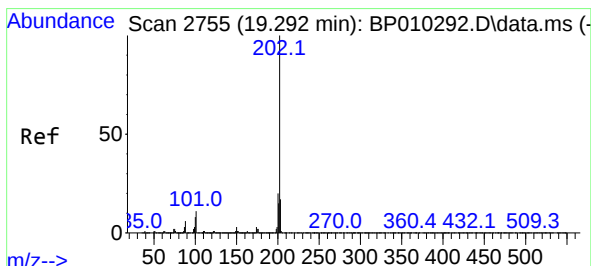
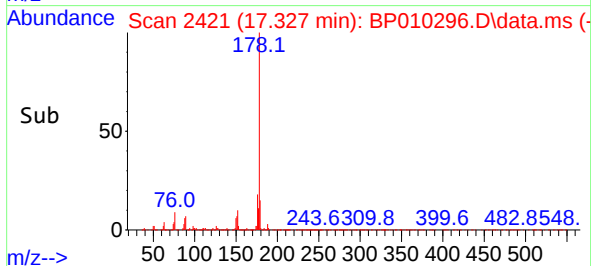
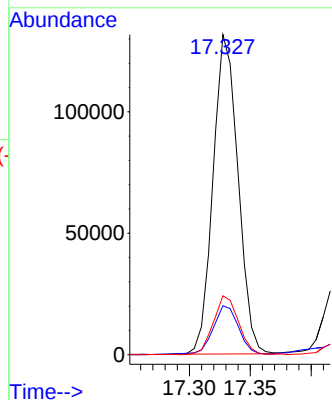
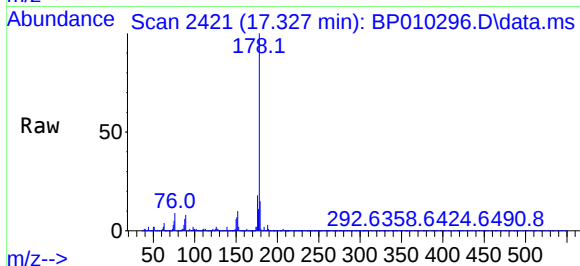
#72
Phenanthrene
Concen: 3.340 ng/u1
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

Instrument :
BNA_P
ClientSampleId :
EW4A5

Tgt Ion:178 Resp: 18751
Ion Ratio Lower Upper
178 100
179 15.3 11.7 17.5
176 18.4 14.5 21.7

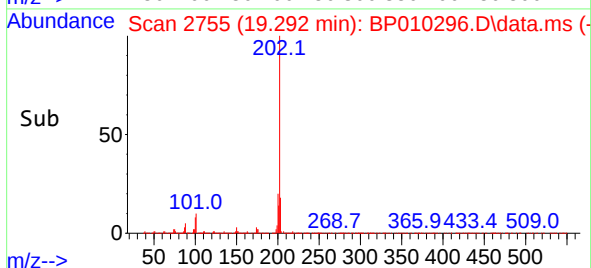
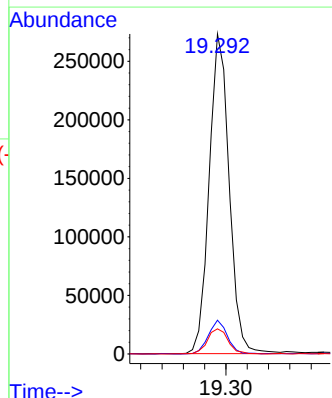
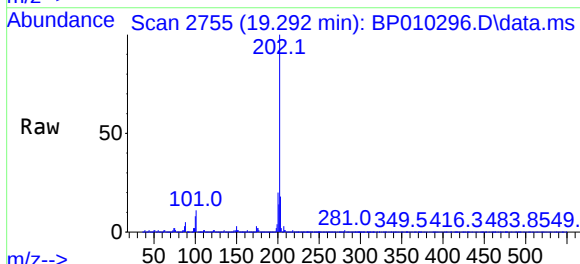
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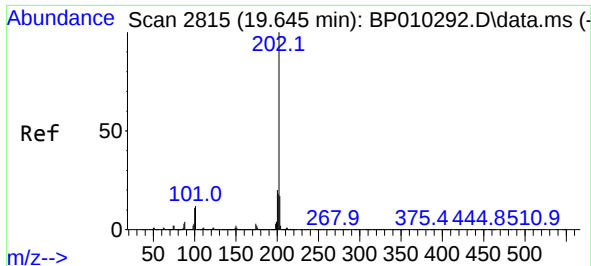
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#80
Fluoranthene
Concen: 5.594 ng/u1
RT: 19.292 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

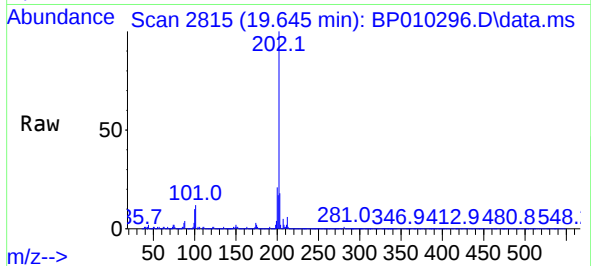
Tgt Ion:202 Resp: 356632
Ion Ratio Lower Upper
202 100
101 10.6 9.6 14.4
100 7.8 6.3 9.5





#82
Pyrene
Concen: 4.610 ng/u1
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

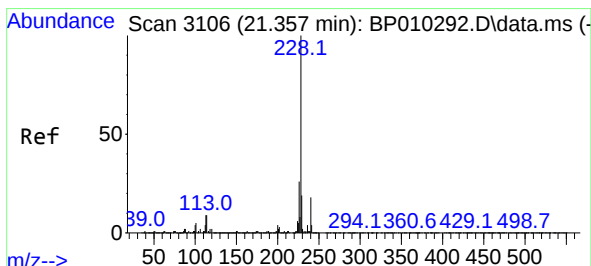
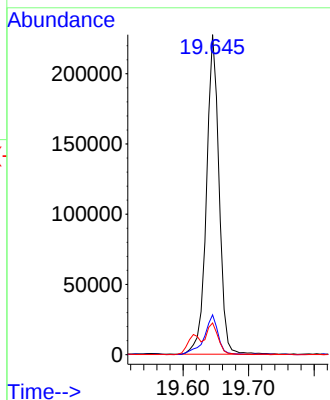
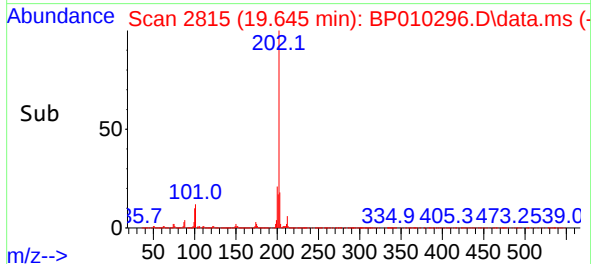
Instrument :
BNA_P
ClientSampleId :
EW4A5



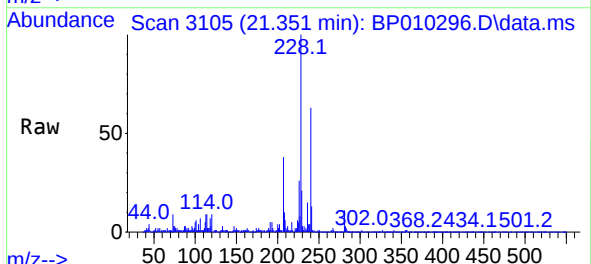
Tgt Ion:202 Resp: 304224
Ion Ratio Lower Upper
202 100
101 12.5 10.6 15.8
100 9.9 9.8 14.6

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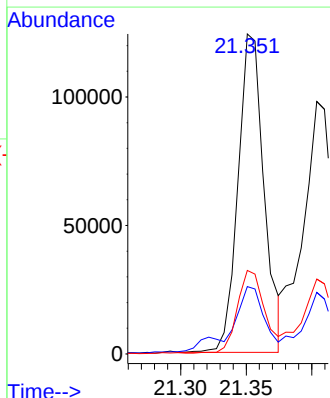
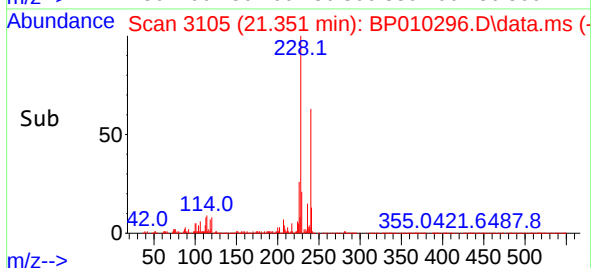
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

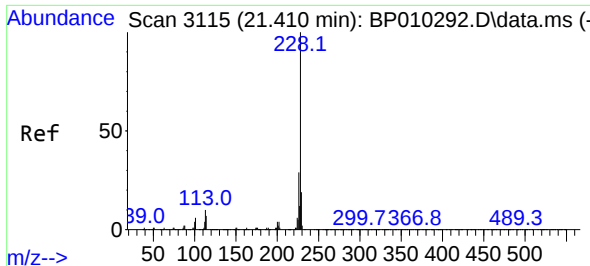


#85
Benzo(a)anthracene
Concen: 2.586 ng/u1
RT: 21.351 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39



Tgt Ion:228 Resp: 171536
Ion Ratio Lower Upper
228 100
229 21.1 18.2 27.2
226 26.1 22.8 34.2





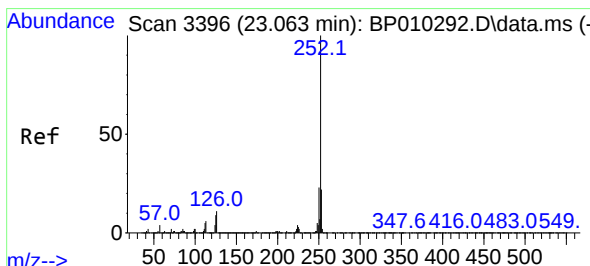
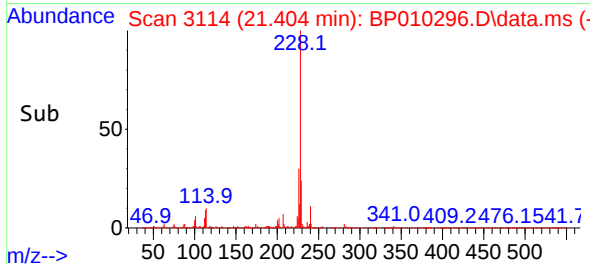
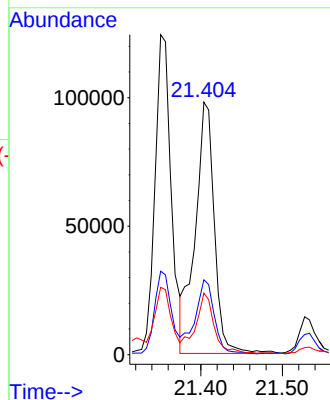
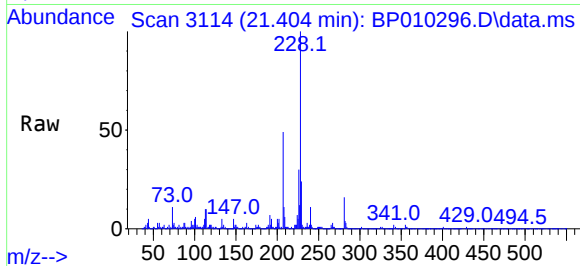
#87
Chrysene
Concen: 2.444 ng/ul m
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

Instrument :
BNA_P
ClientSampleId :
EW4A5

Tgt Ion:228 Resp: 160700
Ion Ratio Lower Upper
228 100
226 29.7 22.7 34.1
229 24.4 15.2 22.8

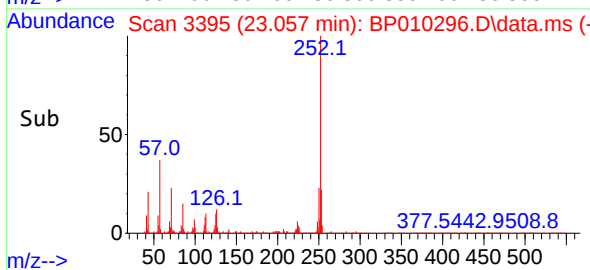
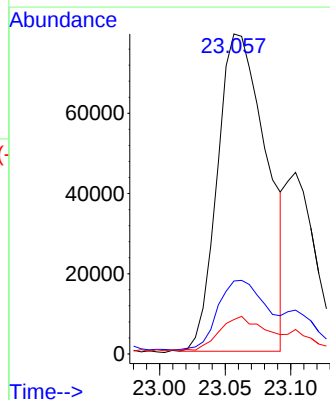
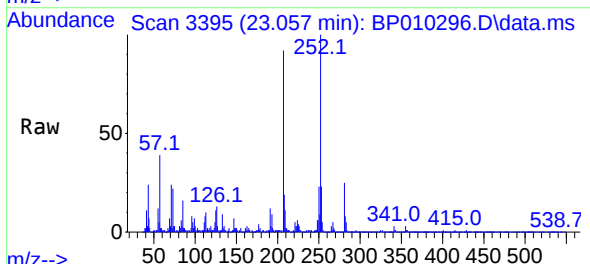
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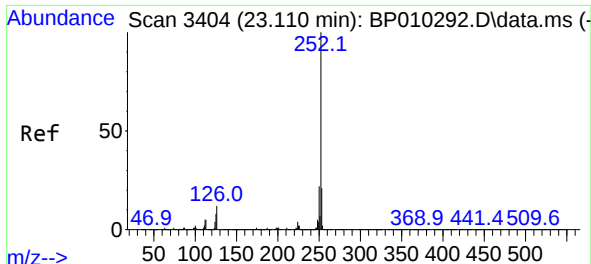
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Supervised By :Yogesh Patel 05/17/2022



#90
Benzo(b)fluoranthene
Concen: 3.201 ng/ul
RT: 23.057 min Scan# 3395
Delta R.T. -0.012 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

Tgt Ion:252 Resp: 205660
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 10.7 7.3 10.9





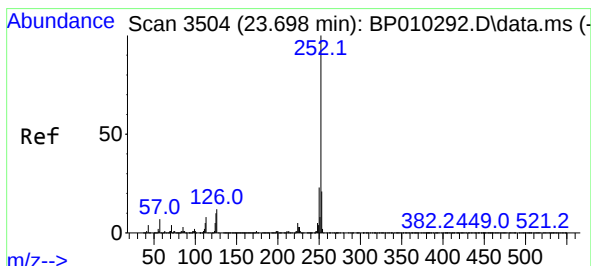
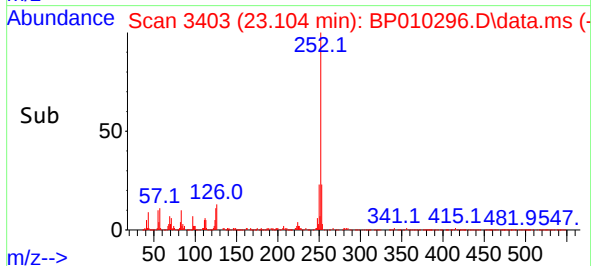
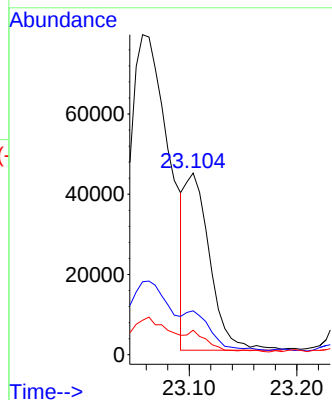
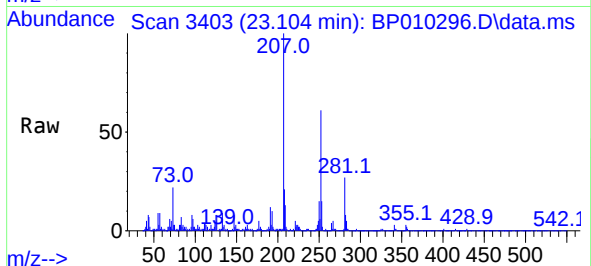
#91
Benzo(k)fluoranthene
Concen: 1.170 ng/ul m
RT: 23.104 min Scan# 3404
Delta R.T. -0.018 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

Instrument :
BNA_P
ClientSampleId :
EW4A5

Tgt Ion:252 Resp: 70945
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 13.5 5.1 7.7

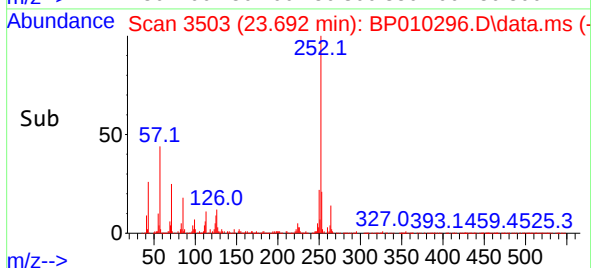
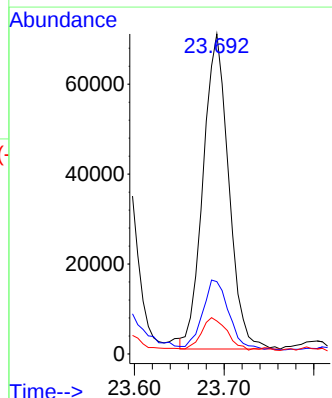
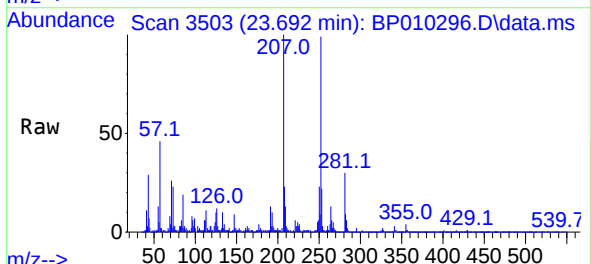
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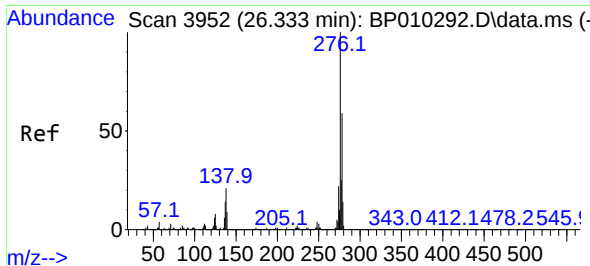
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022



#93
Benzo(a)pyrene
Concen: 2.230 ng/ul
RT: 23.692 min Scan# 3503
Delta R.T. -0.018 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

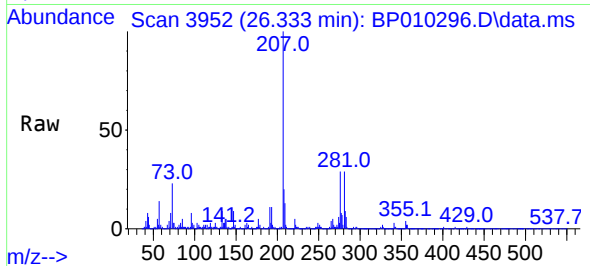
Tgt Ion:252 Resp: 138825
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 10.3 6.4 9.6





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.069 ng/ul
RT: 26.333 min Scan# 3952
Delta R.T. -0.030 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39

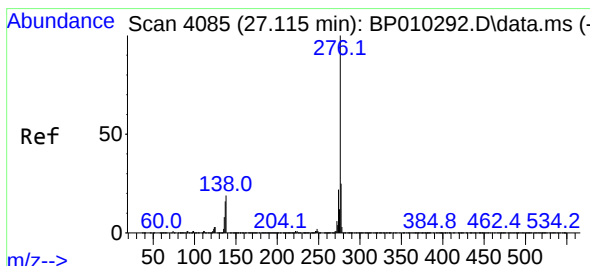
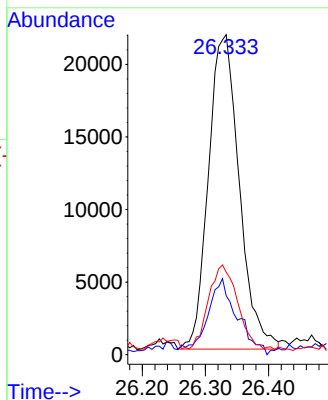
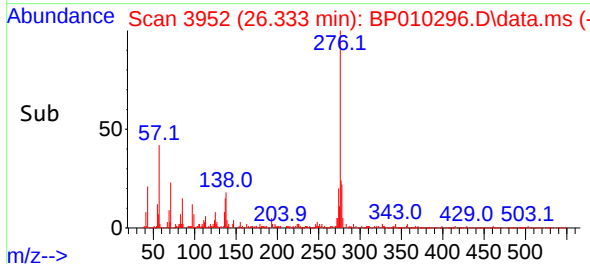
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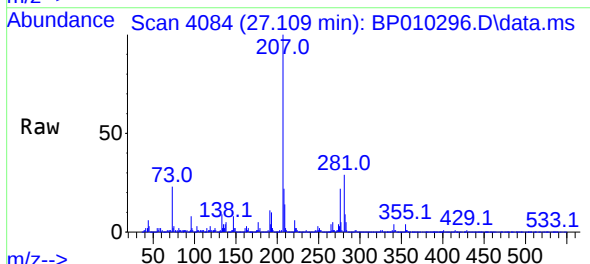
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Ion Ratio Lower Upper
276 100
138 18.4 12.3 18.5
277 25.7 19.3 28.9

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 1.026 ng/ul
RT: 27.109 min Scan# 4084
Delta R.T. -0.024 min
Lab File: BP010296.D
Acq: 11 May 2022 21:39



Tgt Ion:276 Resp: 59617
Ion Ratio Lower Upper
276 100
138 23.1 11.6 17.4#
277 23.4 15.9 23.9

