

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
 Data File : BP010095.D
 Acq On : 25 Apr 2022 22:09
 Operator : CG/JU
 Sample : N2373-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BFFE2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
 Supervised By :Yogesh Patel 04/28/2022

Quant Time: Apr 26 03:58:56 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	192784	20.000	ng/u1	0.00
20) Naphthalene-d8	10.739	136	800774	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.569	164	514169	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.315	188	1004560	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.398	240	655607	20.000	ng/u1	#-0.01
88) Perylene-d12	23.850	264	619337	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	6110m	1.382	ng/uL	0.00
4) Pyridine-d5	3.810	84	15459m	1.243	ng/u1	0.02
7) Phenol-d5	7.092	99	145073	8.273	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	97227	9.240	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.463	132	115673	8.907	ng/u1	0.00
15) 4-Methylphenol-d8	8.639	113	130475	8.981	ng/u1	-0.01
21) Nitrobenzene-d5	9.092	128	58124	9.126	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	63454	9.123	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	135386	9.998	ng/u1	0.00
31) 4-Chloroaniline-d4	10.875	131	112973	5.819	ng/u1	0.00
46) Dimethylphthalate-d6	13.974	166	559357	13.985	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	573733	11.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.763	143	48297m	6.559	ng/u1	0.00
60) Fluorene-d10	15.557	176	504087	14.651	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.674	200	82627	13.008	ng/u1	0.00
73) Anthracene-d10	17.415	188	837795	17.239	ng/u1	0.00
81) Pyrene-d10	19.645	212	922858	24.752	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.692	264	629930	19.401	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.363	178	349901	6.408	ng/u1	100
80) Fluoranthene	19.321	202	739878	17.593	ng/u1	96
82) Pyrene	19.674	202	773700	17.857	ng/u1#	94
85) Benzo(a)anthracene	21.386	228	270582	6.503	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.309	149	44489m	1.676	ng/u1	
87) Chrysene	21.439	228	403776	9.856	ng/u1	97
90) Benzo(b)fluoranthene	23.103	252	500472	12.020	ng/u1	97
91) Benzo(k)fluoranthene	23.145	252	188095m	4.769	ng/u1	
93) Benzo(a)pyrene	23.745	252	308011	8.000	ng/u1#	97
94) Indeno(1,2,3-cd)pyrene	26.409	276	300327	7.841	ng/u1#	92
95) Dibenzo(a,h)anthracene	26.421	278	67353	2.055	ng/u1#	84
96) Benzo(g,h,i)perylene	27.197	276	290832	8.999	ng/u1#	90

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

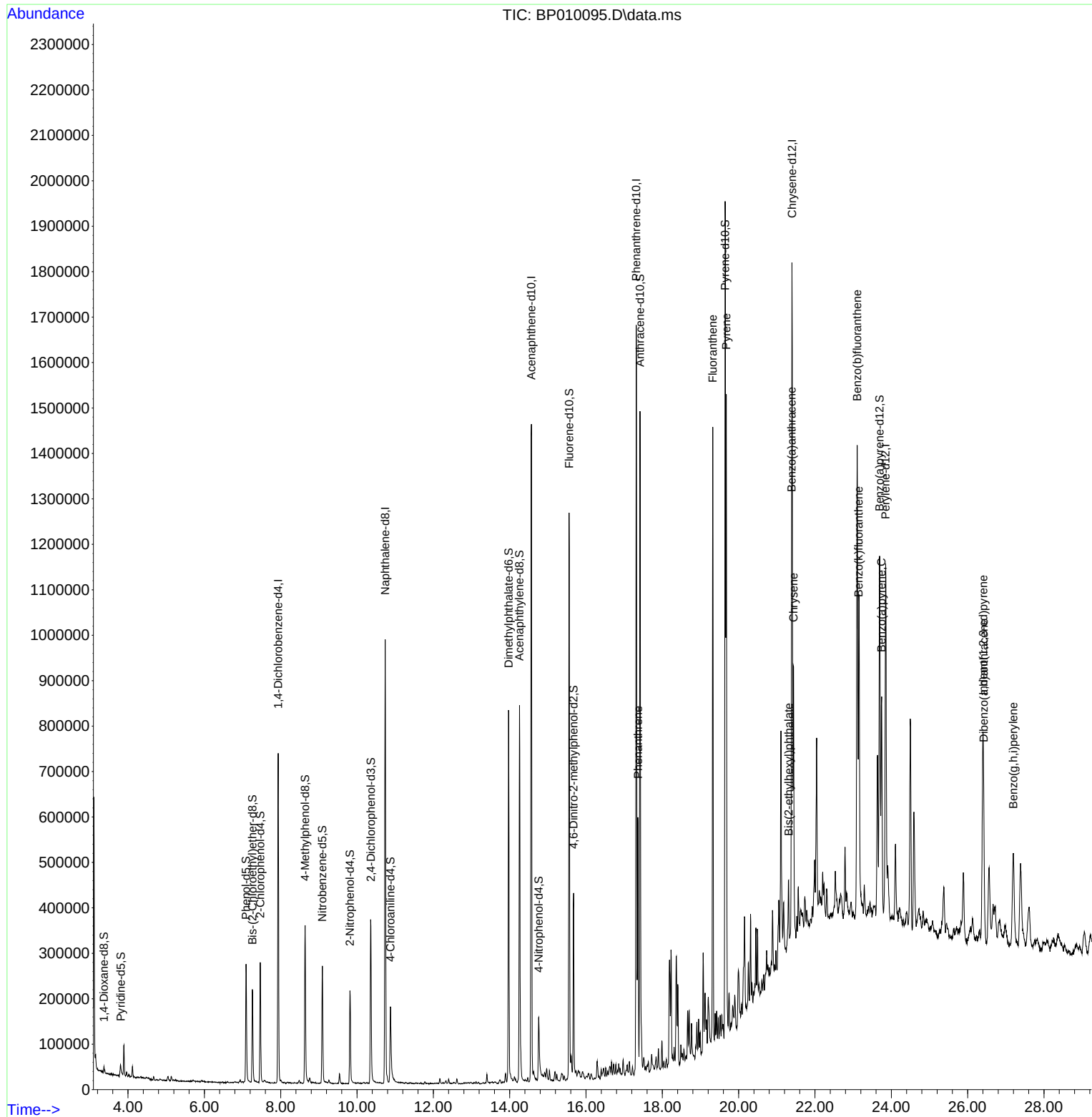
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
Data File : BP010095.D
Acq On : 25 Apr 2022 22:09
Operator : CG/JU
Sample : N2373-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

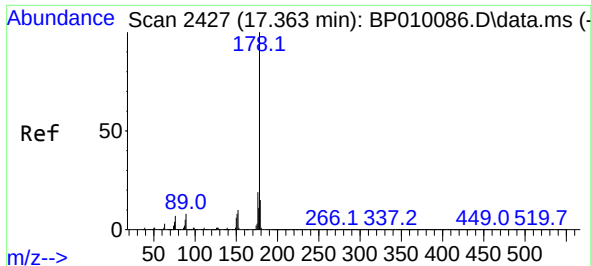
Instrument :
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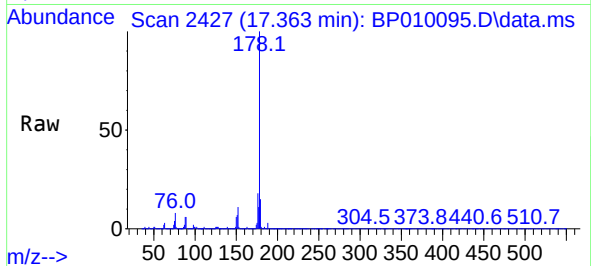
Quant Time: Apr 26 03:58:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 6.408 ng/u1
RT: 17.363 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

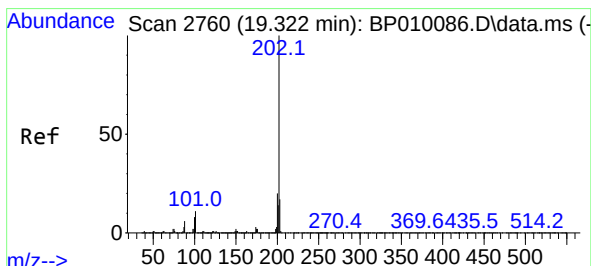
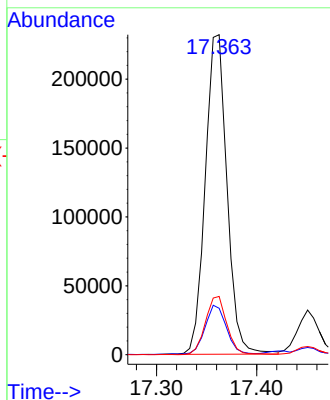
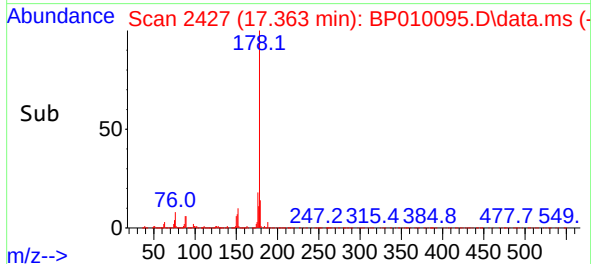
Instrument :
BNA_P
ClientSampleId :
BFFE2



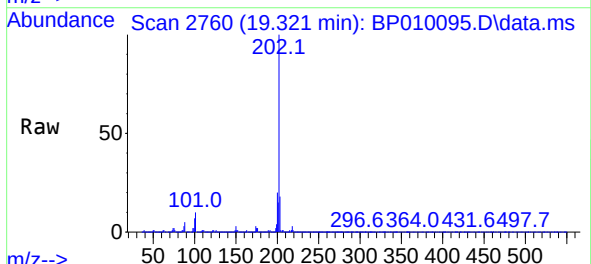
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Ion Ratio Lower Upper
178 100
179 14.5 11.7 17.5
176 18.2 14.5 21.7

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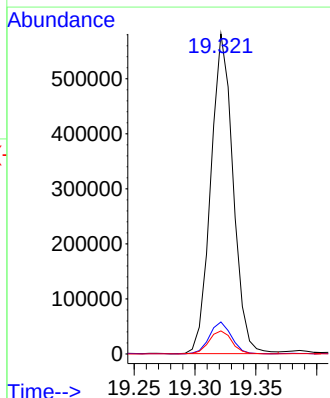
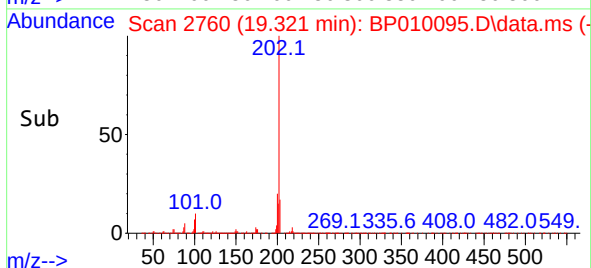
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022

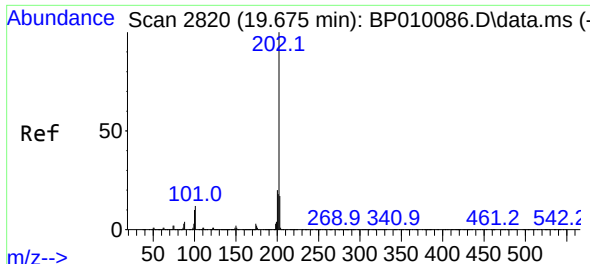


#80
Fluoranthene
Concen: 17.593 ng/u1
RT: 19.321 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09



Tgt Ion:202 Resp: 739878
Ion Ratio Lower Upper
202 100
101 10.0 9.6 14.4
100 7.2 6.3 9.5





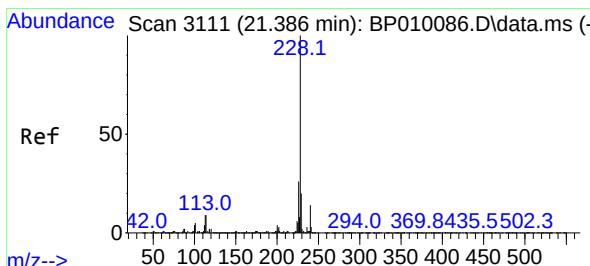
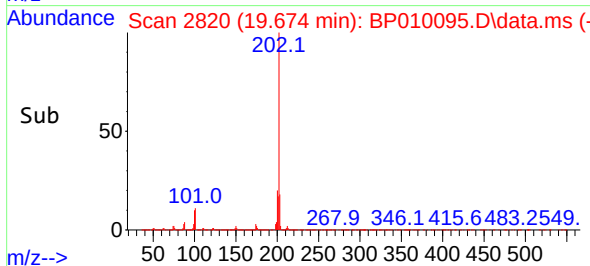
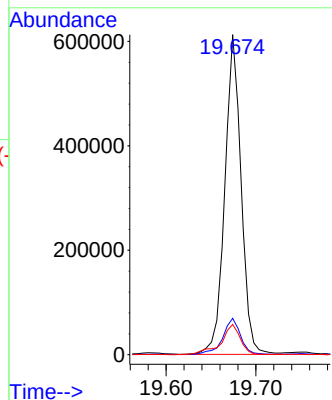
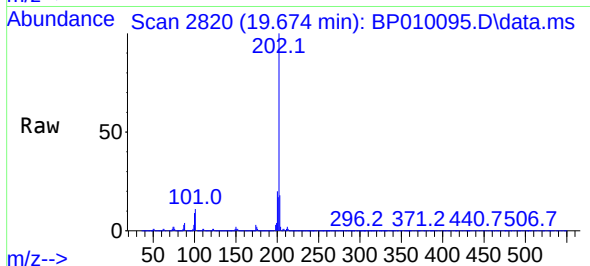
#82
Pyrene
Concen: 17.857 ng/ul
RT: 19.674 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

Instrument :
BNA_P
ClientSampleId :
BFFE2

Tgt Ion:202 Resp: 773700
Ion Ratio Lower Upper
202 100
101 11.4 10.6 15.8
100 9.5 9.8 14.6

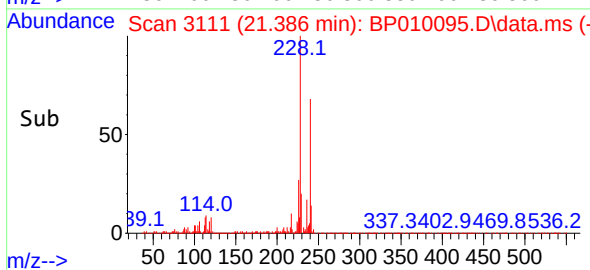
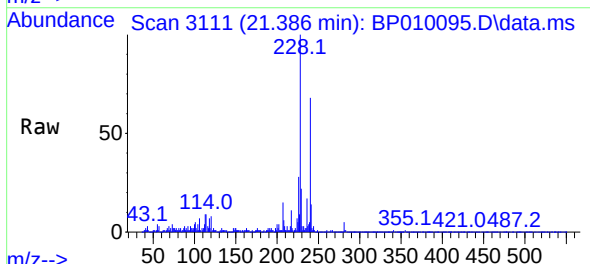
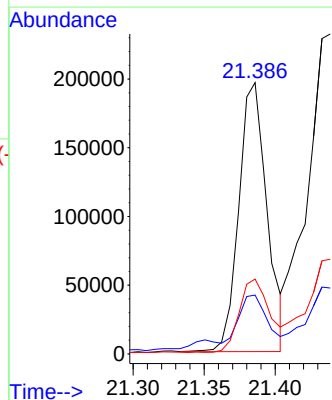
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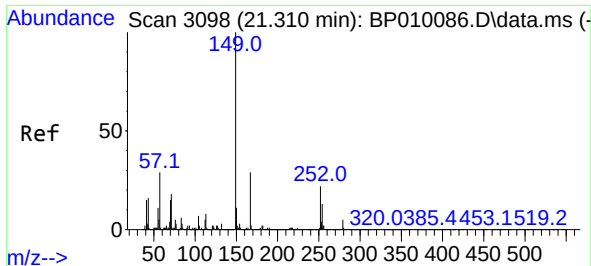
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022



#85
Benzo(a)anthracene
Concen: 6.503 ng/ul
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

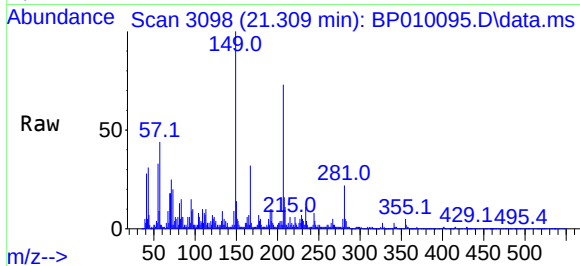
Tgt Ion:228 Resp: 270582
Ion Ratio Lower Upper
228 100
229 21.7 18.2 27.2
226 27.6 22.8 34.2





#86
Bis(2-ethylhexyl)phthalate
Concen: 1.676 ng/ul m
RT: 21.309 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

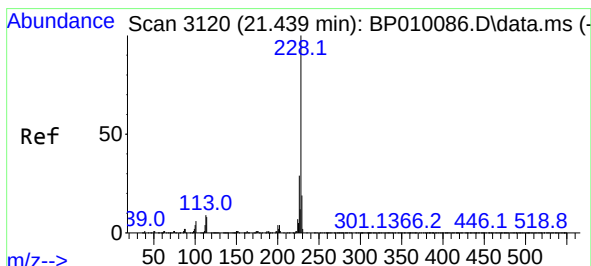
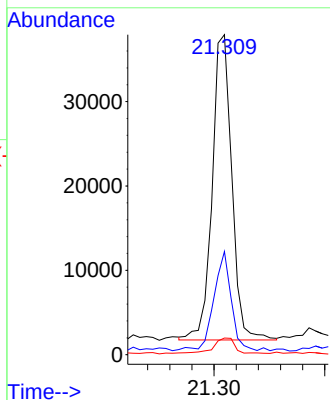
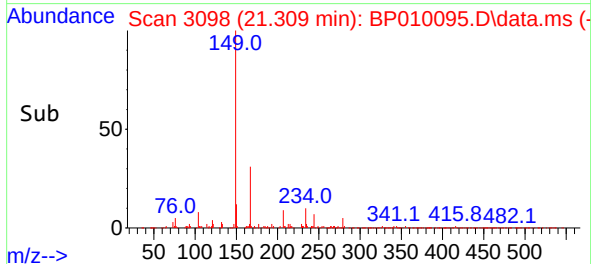
Instrument :
BNA_P
ClientSampleId :
BFFE2



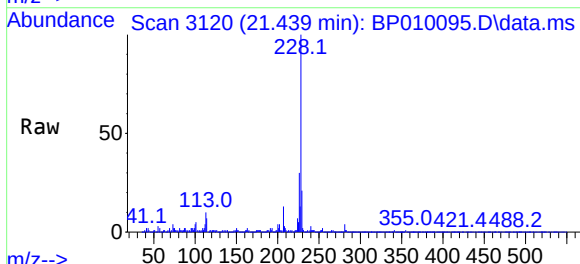
Tgt Ion:149 Resp: 44489
Ion Ratio Lower Upper
149 100
167 32.3 32.8 49.2
279 5.2 5.6 8.4

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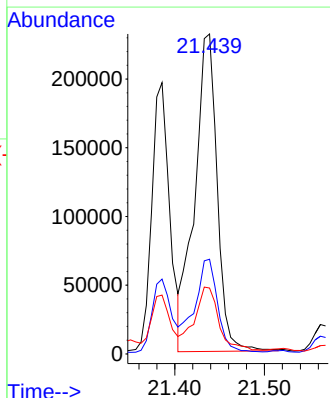
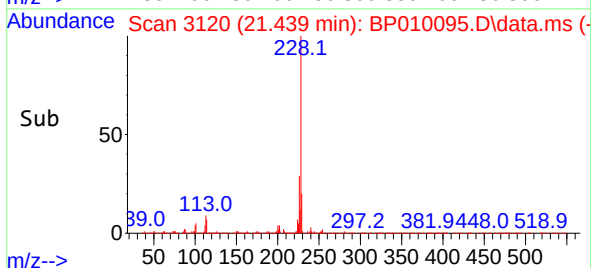
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022

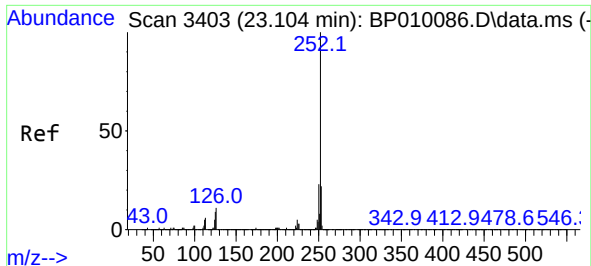


#87
Chrysene
Concen: 9.856 ng/ul
RT: 21.439 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09



Tgt Ion:228 Resp: 403776
Ion Ratio Lower Upper
228 100
226 29.6 22.7 34.1
229 20.6 15.2 22.8





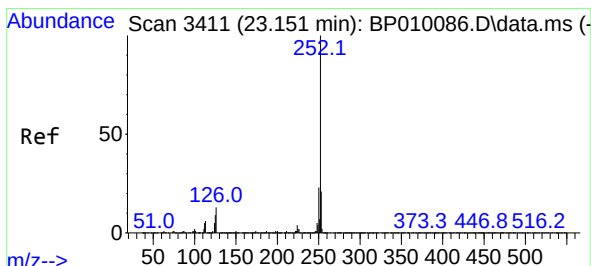
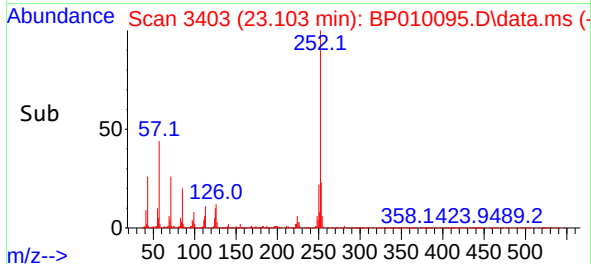
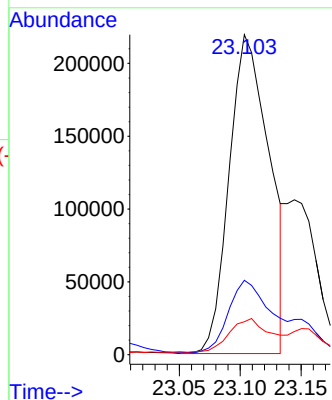
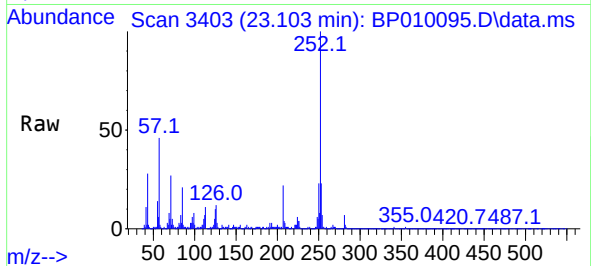
#90
Benzo(b)fluoranthene
Concen: 12.020 ng/u1
RT: 23.103 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

Instrument :
BNA_P
ClientSampleId :
BFFE2

Tgt Ion:252 Resp: 500472
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 10.3 7.3 10.9

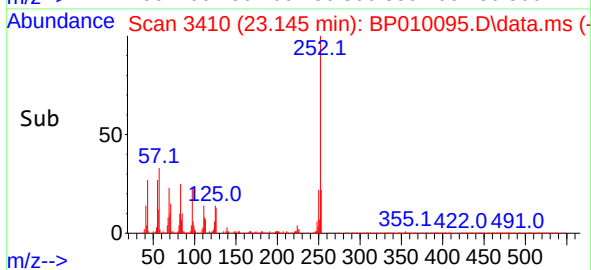
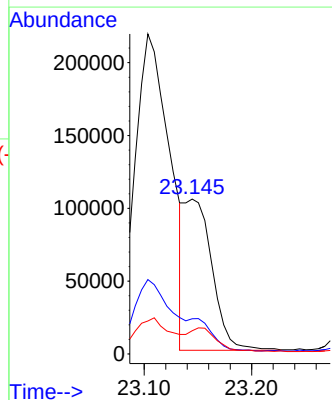
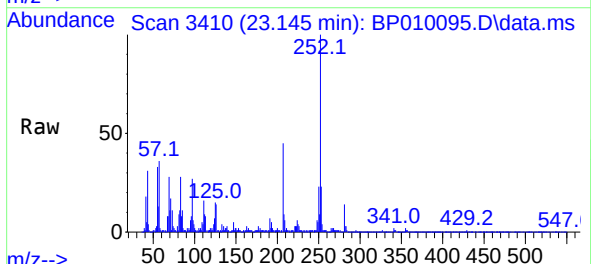
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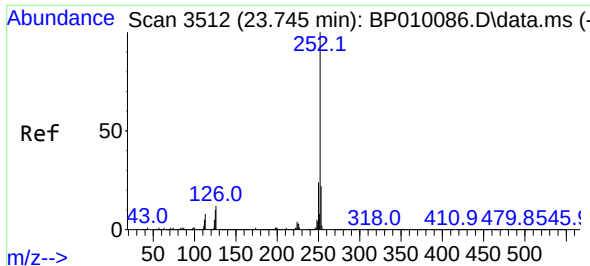
Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022



#91
Benzo(k)fluoranthene
Concen: 4.769 ng/u1 m
RT: 23.145 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

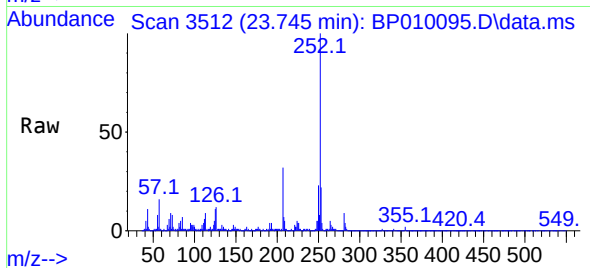
Tgt Ion:252 Resp: 188095
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 15.0 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 8.000 ng/ul
RT: 23.745 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

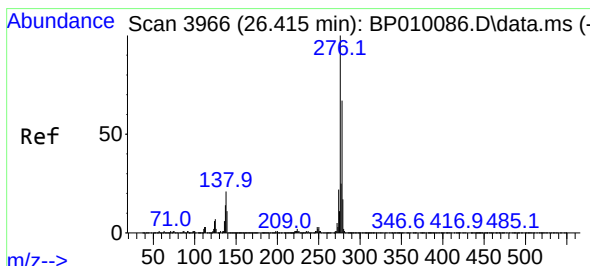
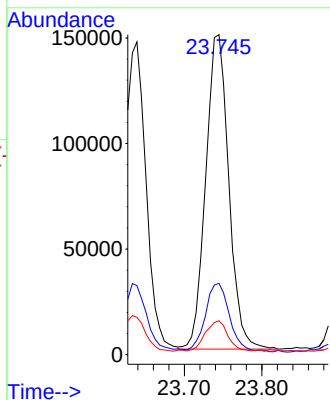
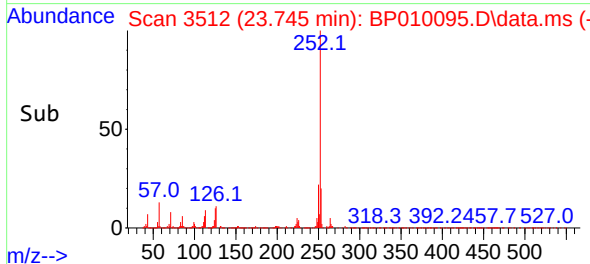
Instrument :
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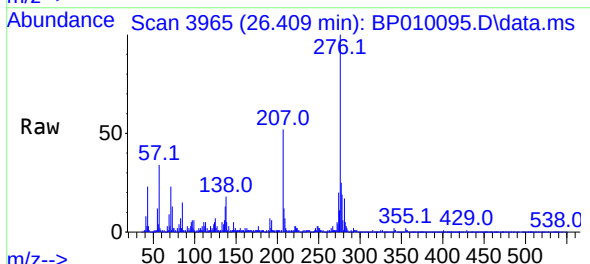
Tgt Ion: 252 Resp: 30801
Ion Ratio Lower Upper
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253 22.3 17.5 26.3
125 10.6 6.4 9.6

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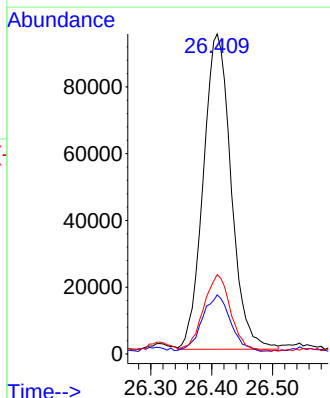
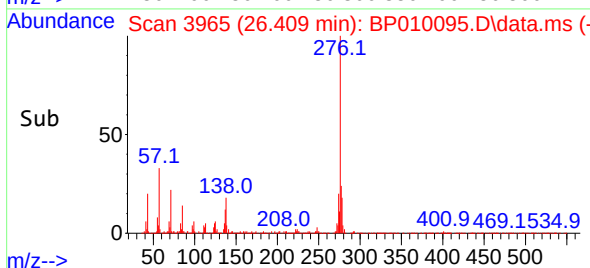
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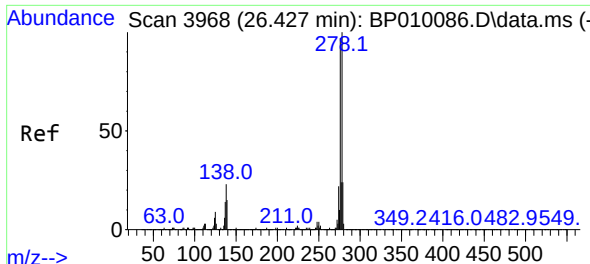


#94
Indeno(1,2,3-cd)pyrene
Concen: 7.841 ng/ul
RT: 26.409 min Scan# 3965
Delta R.T. -0.018 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09



Tgt Ion: 276 Resp: 300327
Ion Ratio Lower Upper
276 100
138 23.4 12.3 18.5
277 24.8 19.3 28.9





#95
Dibenzo(a,h)anthracene
Concen: 2.055 ng/ul
RT: 26.421 min Scan# 3968
Delta R.T. -0.018 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

Instrument :

BNA_P

ClientSampleId :

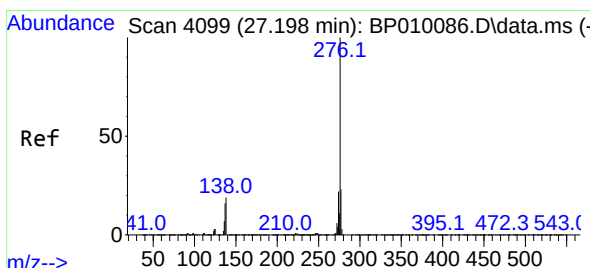
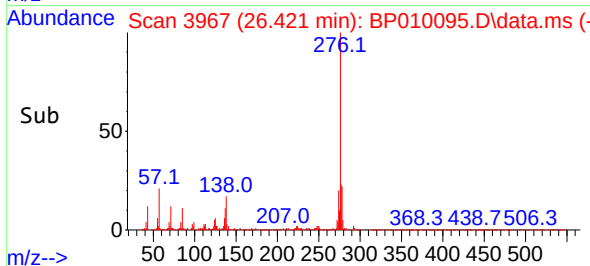
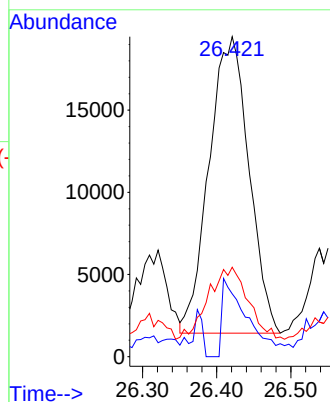
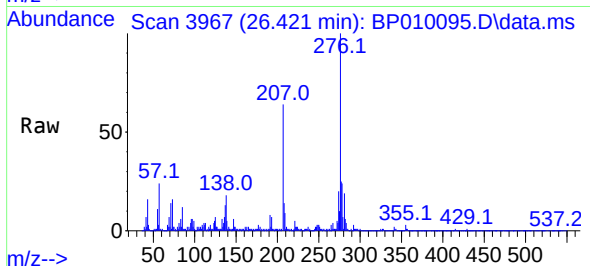
BFFE2

Tgt Ion:278 Resp: 6735
Ion Ratio Lower Upper
278 100
139 19.7 6.6 10.0
279 28.0 18.4 27.6

Manual Integrations

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Supervised By :Yogesh Patel 04/28/2022



#96
Benzo(g,h,i)perylene
Concen: 8.999 ng/ul
RT: 27.197 min Scan# 4099
Delta R.T. -0.012 min
Lab File: BP010095.D
Acq: 25 Apr 2022 22:09

Tgt Ion:276 Resp: 290832
Ion Ratio Lower Upper
276 100
138 20.0 11.6 17.4
277 23.5 15.9 23.9

