

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010313.D
 Acq On : 12 May 2022 07:46
 Operator : CG/JU
 Sample : N2632-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW4B1

Manual Integrations
 APPROVED

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

Quant Time: May 12 08:22:41 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	7.905	152	156256	20.000	ng/u1	0.00
20) Naphthalene-d8	10.705	136	700550	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	486602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	1070210	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.369	240	1088319	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	1049004	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	11051m	3.004	ng/uL	0.00
4) Pyridine-d5	3.781	84	31282m	3.056	ng/u1	0.01
7) Phenol-d5	7.069	99	211663	14.585	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.234	67	150967	16.815	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	174673m	16.342	ng/u1	0.00
15) 4-Methylphenol-d8	8.611	113	144680	12.126	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	90031	16.028	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	96935	15.136	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	178004m	15.270	ng/u1	0.00
31) 4-Chloroaniline-d4	10.846	131	189395	11.006	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	645176	16.643	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	721136	15.603	ng/u1	0.00
54) 4-Nitrophenol-d4	14.734	143	82428m	11.085	ng/u1	0.00
60) Fluorene-d10	15.528	176	571221	17.456	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	80933	11.043	ng/u1	-0.01
73) Anthracene-d10	17.387	188	880643	16.803	ng/u1	0.00
81) Pyrene-d10	19.616	212	1224180	20.355	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1103710	19.729	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.328	178	393234	6.664	ng/u1	99
74) Anthracene	17.422	178	93766	1.567	ng/u1	96
80) Fluoranthene	19.292	202	794648	11.621	ng/u1	97
82) Pyrene	19.645	202	671378	9.486	ng/u1	95
85) Benzo(a)anthracene	21.351	228	380984	5.355	ng/u1	96
87) Chrysene	21.404	228	333121	4.724	ng/u1	96
90) Benzo(b)fluoranthene	23.057	252	456980	6.633	ng/u1	98
91) Benzo(k)fluoranthene	23.098	252	130850m	2.013	ng/u1	
93) Benzo(a)pyrene	23.686	252	296805	4.447	ng/u1#	96
94) Indeno(1,2,3-cd)pyrene	26.321	276	161476	2.189	ng/u1#	95
96) Benzo(g,h,i)perylene	27.104	276	125169	2.009	ng/u1#	91

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

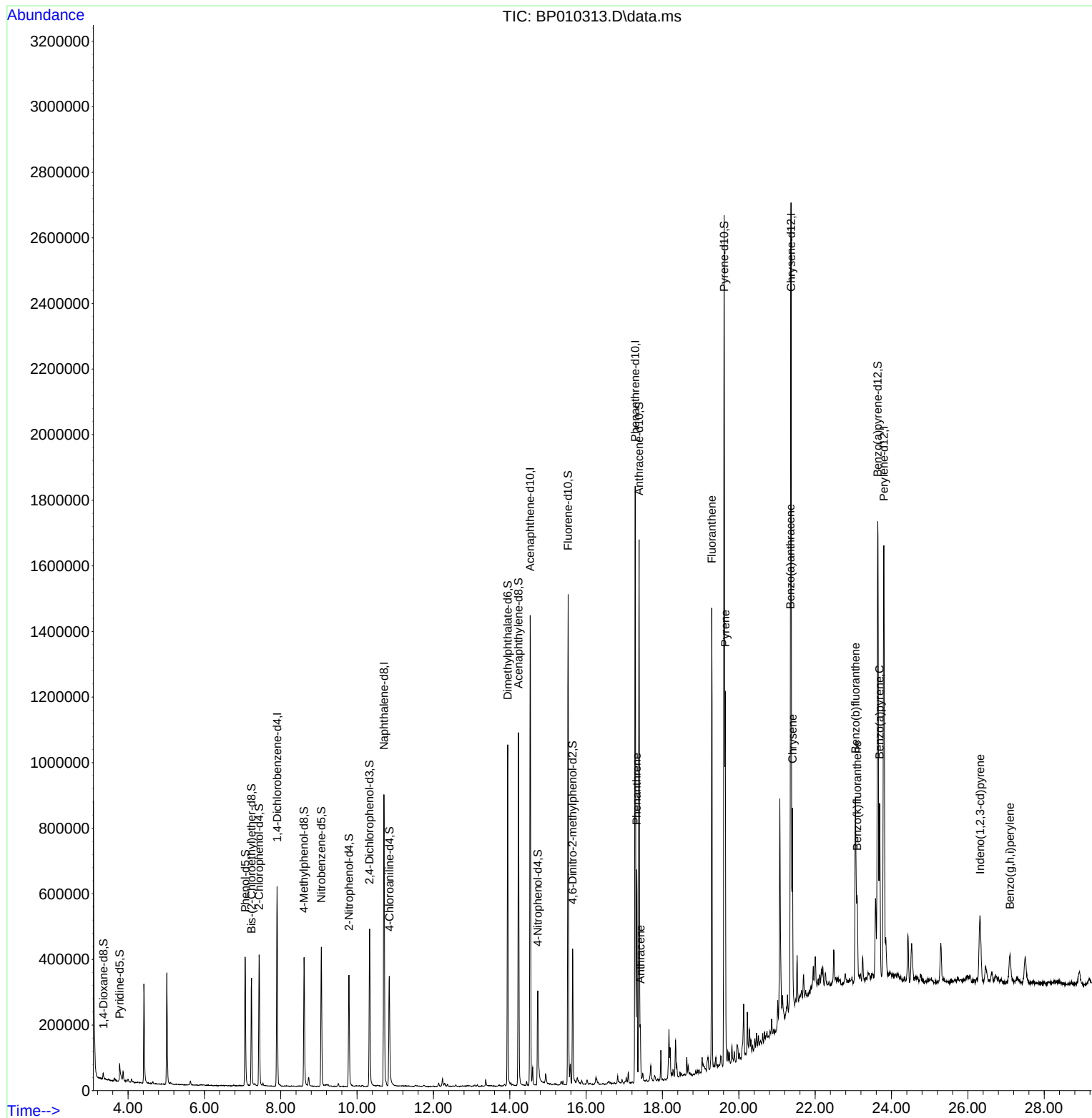
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051122\
 Data File : BP010313.D
 Acq On : 12 May 2022 07:46
 Operator : CG/JU
 Sample : N2632-09
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

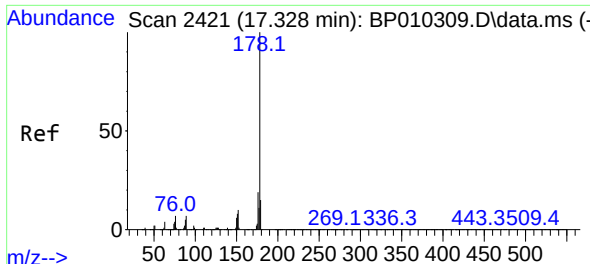
Instrument :
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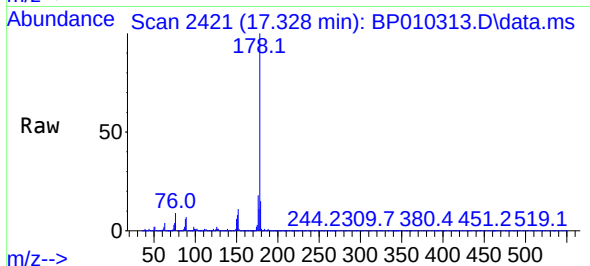
Reviewed By :Jagrut Upadhyay 05/12/2022
 Supervised By :Yogesh Patel 05/17/2022





#72
Phenanthrene
Concen: 6.664 ng/u1
RT: 17.328 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46

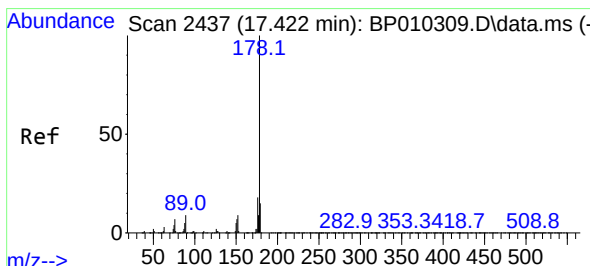
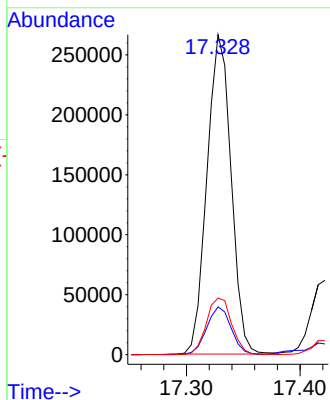
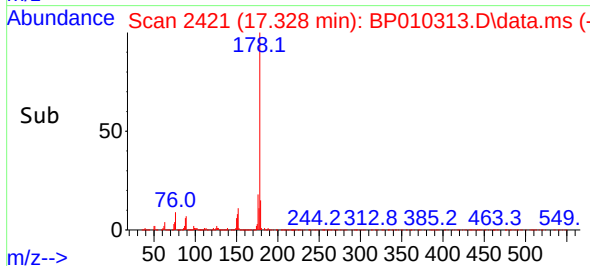
Instrument : BNA_P
ClientSampleId : EW4B1



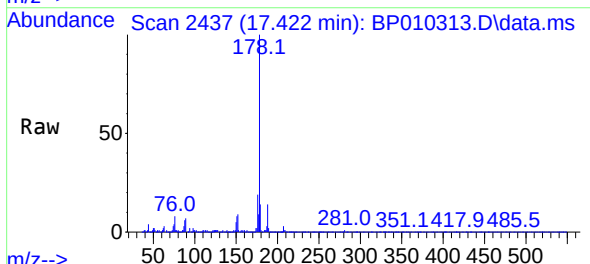
Tgt Ion:178 Resp: 393234
Ion Ratio Lower Upper
178 100
179 15.0 11.7 17.5
176 17.7 14.5 21.7

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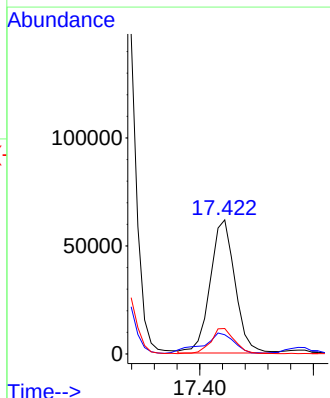
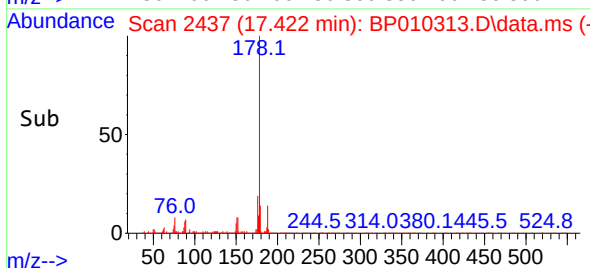
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

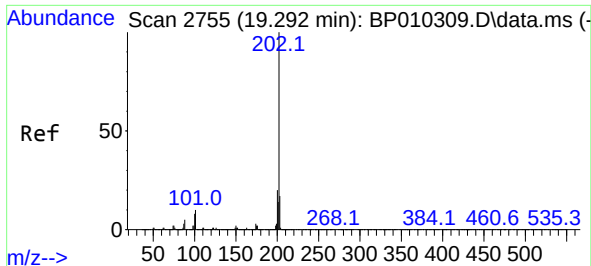


#74
Anthracene
Concen: 1.567 ng/u1
RT: 17.422 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46



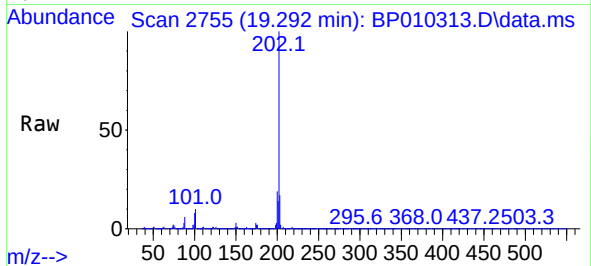
Tgt Ion:178 Resp: 93766
Ion Ratio Lower Upper
178 100
179 14.4 12.3 18.5
176 19.0 13.4 20.2





#80
Fluoranthene
Concen: 11.621 ng/u1
RT: 19.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46

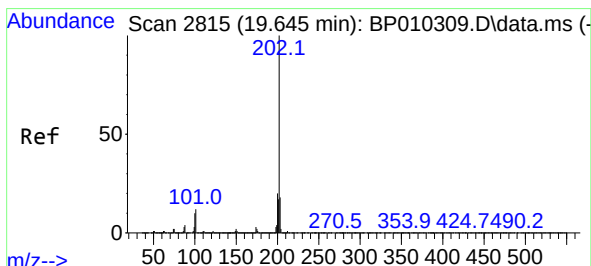
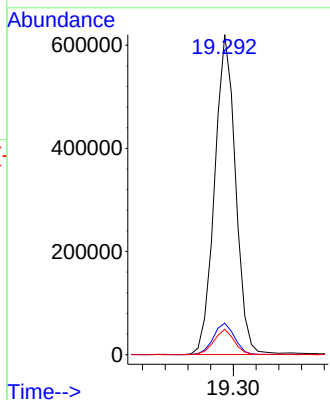
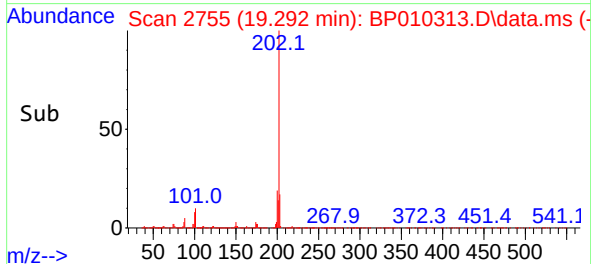
Instrument :
BNA_P
ClientSampleId :
EW4B1



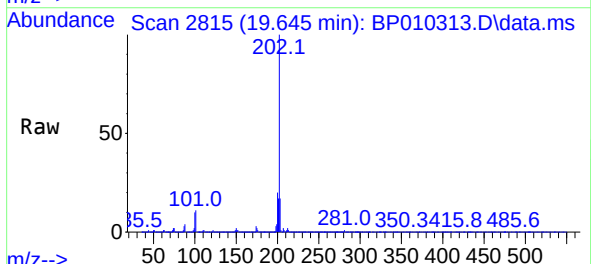
Tgt Ion:202 Resp: 794648
Ion Ratio Lower Upper
202 100
101 9.9 9.6 14.4
100 8.0 6.3 9.5

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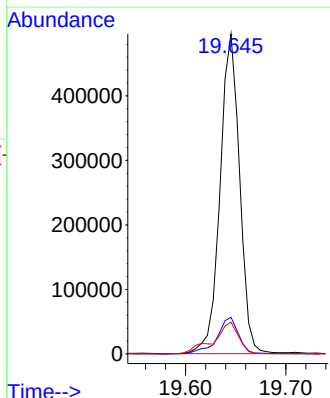
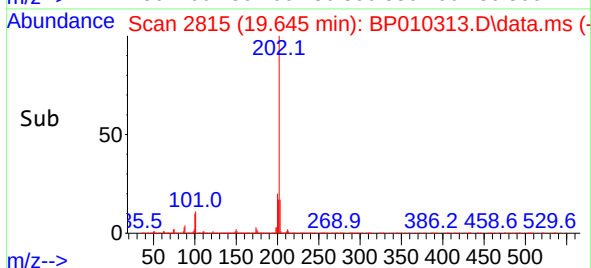
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

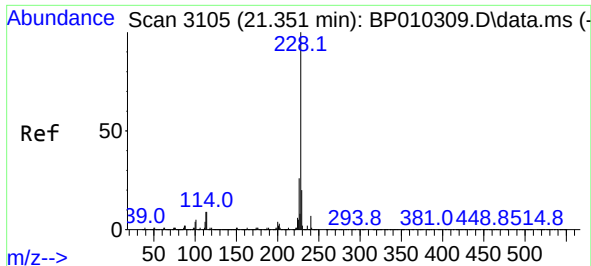


#82
Pyrene
Concen: 9.486 ng/u1
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46



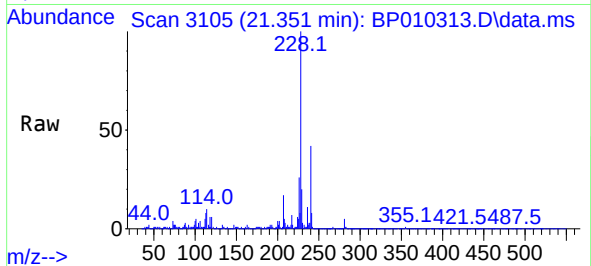
Tgt Ion:202 Resp: 671378
Ion Ratio Lower Upper
202 100
101 11.5 10.6 15.8
100 9.9 9.8 14.6





#85
Benzo(a)anthracene
Concen: 5.355 ng/u1
RT: 21.351 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46

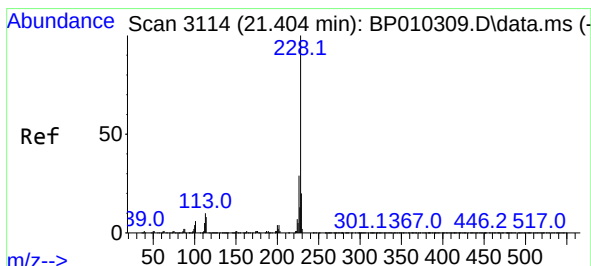
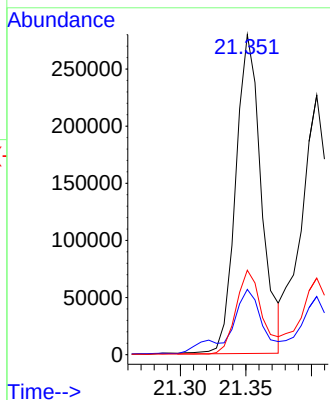
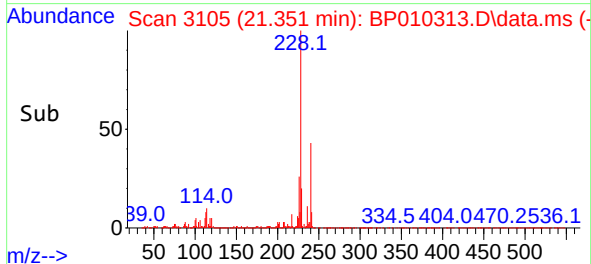
Instrument :
BNA_P
ClientSampleId :
EW4B1



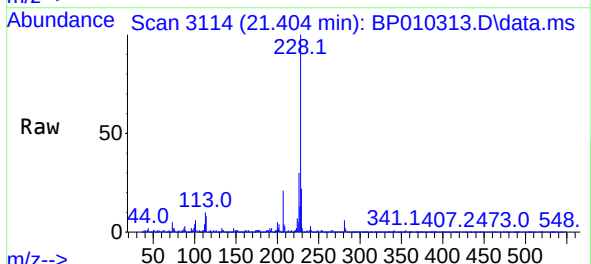
Tgt Ion:228 Resp: 380984
Ion Ratio Lower Upper
228 100
229 20.4 18.2 27.2
226 26.4 22.8 34.2

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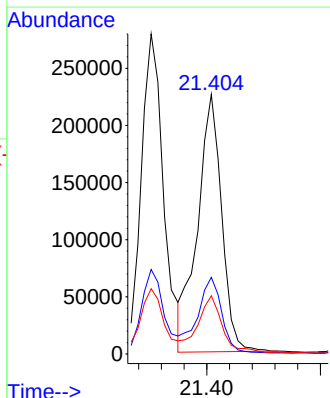
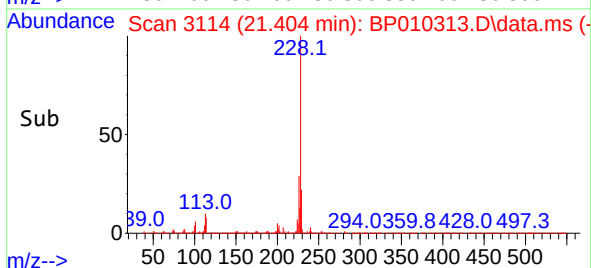
Reviewed By :Jagrut Upadhyay 05/12/2022
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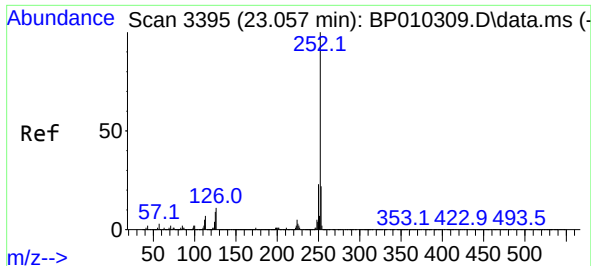


#87
Chrysene
Concen: 4.724 ng/u1
RT: 21.404 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46



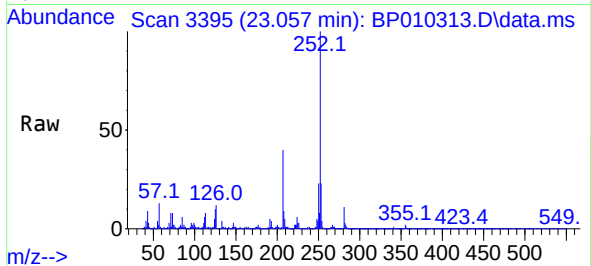
Tgt Ion:228 Resp: 333121
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 22.4 15.2 22.8





#90
Benzo(b)fluoranthene
Concen: 6.633 ng/ul
RT: 23.057 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46

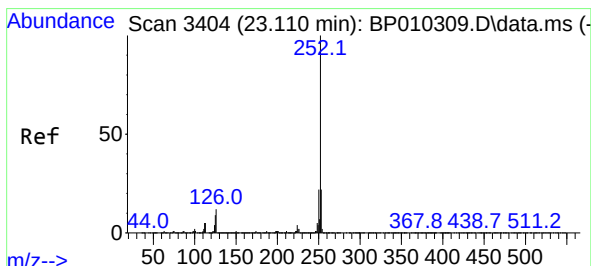
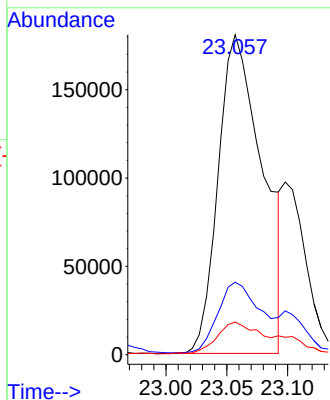
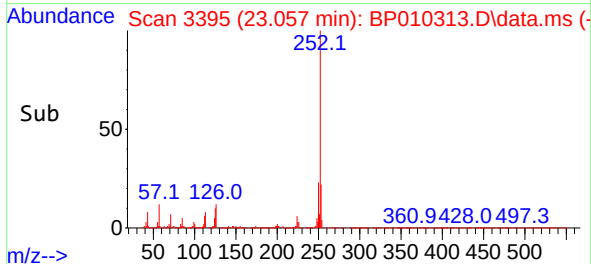
Instrument :
BNA_P
ClientSampleId :
EW4B1



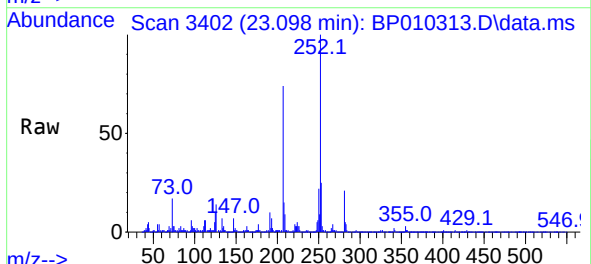
Tgt Ion:252 Resp: 456980
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.2 7.3 10.9

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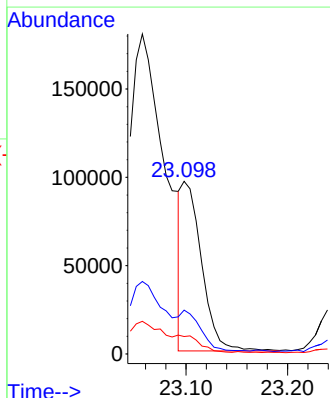
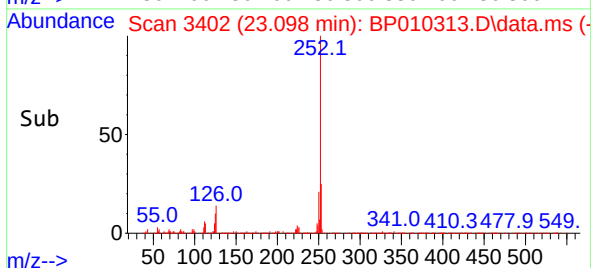
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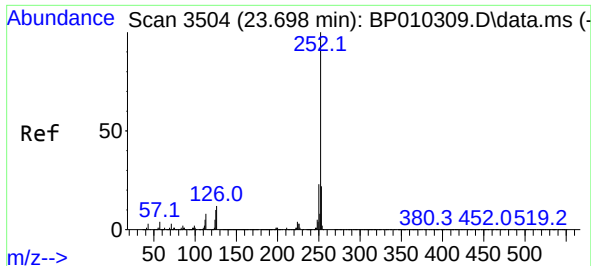


#91
Benzo(k)fluoranthene
Concen: 2.013 ng/ul m
RT: 23.098 min Scan# 3402
Delta R.T. -0.023 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46



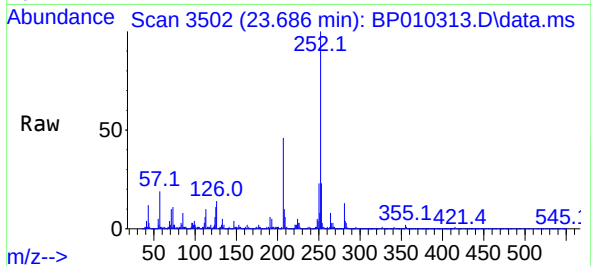
Tgt Ion:252 Resp: 130850
Ion Ratio Lower Upper
252 100
253 25.4 17.9 26.9
125 10.1 5.1 7.7#





#93
Benzo(a)pyrene
Concen: 4.447 ng/ul
RT: 23.686 min Scan# 31
Delta R.T. -0.023 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46

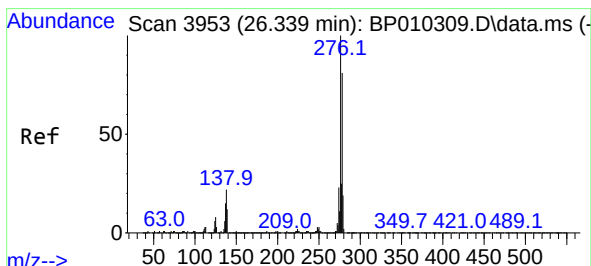
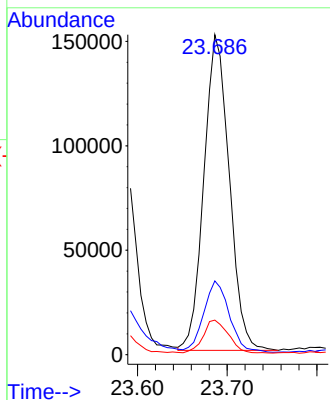
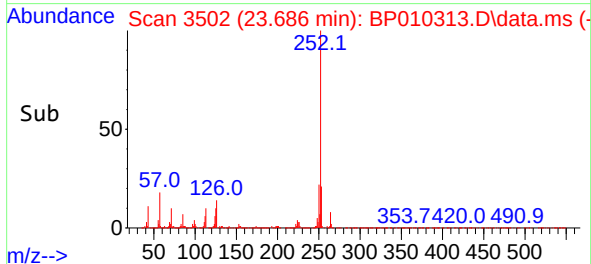
Instrument :
BNA_P
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EW4B1



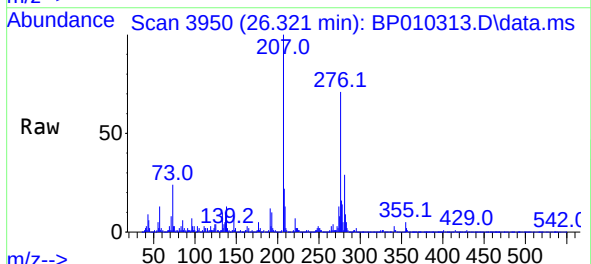
Tgt Ion:252 Resp: 29680
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.8 6.4 9.6

Manual Integrations
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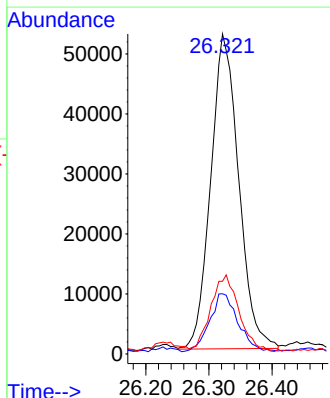
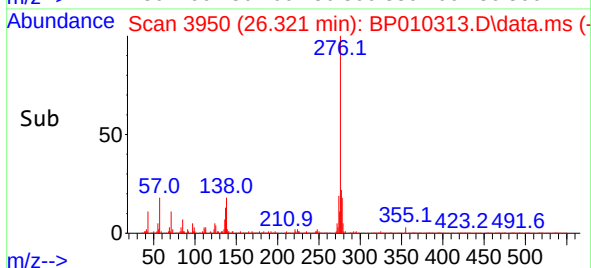
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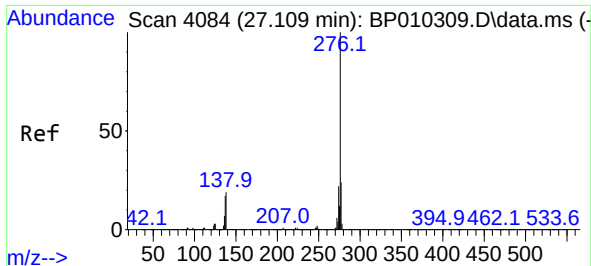


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.189 ng/ul
RT: 26.321 min Scan# 3950
Delta R.T. -0.041 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46



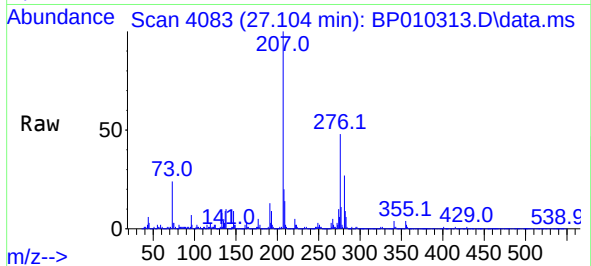
Tgt Ion:276 Resp: 161476
Ion Ratio Lower Upper
276 100
138 18.8 12.3 18.5
277 22.7 19.3 28.9





#96
Benzo(g,h,i)perylene
Concen: 2.009 ng/ul
RT: 27.104 min Scan# 4083
Delta R.T. -0.029 min
Lab File: BP010313.D
Acq: 12 May 2022 07:46

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:276 Resp: 125169
Ion Ratio Lower Upper
276 100
138 19.8 11.6 17.4
277 22.6 15.9 23.9

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