

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
 Data File : BM034978.D
 Acq On : 11 May 2022 10:53
 Operator : CG/JU
 Sample : N2603-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4A1

Manual Integrations
 APPROVED

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

Quant Time: May 12 03:26:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 16:40:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	213634	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	951959	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	616499	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	1234887	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	956187	20.000	ng/u1	0.00
88) Perylene-d12	23.850	264	796359	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	16038	3.141	ng/uL	0.00
4) Pyridine-d5	3.781	84	62713	4.456	ng/u1	0.00
7) Phenol-d5	7.081	99	263278	14.245	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	196492	16.939	ng/u1	0.00
11) 2-Chlorophenol-d4	7.451	132	239856	16.515	ng/u1	0.00
15) 4-Methylphenol-d8	8.622	113	207560	13.775	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	119483	16.376	ng/u1	0.00
24) 2-Nitrophenol-d4	9.798	143	126803	16.113	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.339	165	224373	15.235	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	302629	14.432	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	838530	18.035	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	968195	16.411	ng/u1	0.00
54) 4-Nitrophenol-d4	14.733	143	75120m	9.456	ng/u1	0.00
60) Fluorene-d10	15.539	176	727971	18.559	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	79625	10.232	ng/u1	0.00
73) Anthracene-d10	17.392	188	1055071	17.561	ng/u1	0.00
81) Pyrene-d10	19.680	212	1203437	20.156	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.697	264	812501	19.522	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	17.333	178	293598	4.227	ng/u1	99
80) Fluoranthene	19.345	202	450738	6.280	ng/u1	97
82) Pyrene	19.709	202	369183	5.037	ng/u1	99
85) Benzo(a)anthracene	21.450	228	162138	2.610	ng/u1	98
87) Chrysene	21.503	228	144145	2.383	ng/u1	98
90) Benzo(b)fluoranthene	23.127	252	148167	2.770	ng/u1#	97
91) Benzo(k)fluoranthene	23.174	252	59707m	1.172	ng/u1	
93) Benzo(a)pyrene	23.744	252	103287	2.025	ng/u1#	92
94) Indeno(1,2,3-cd)pyrene	26.309	276	63283	1.085	ng/u1	95

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

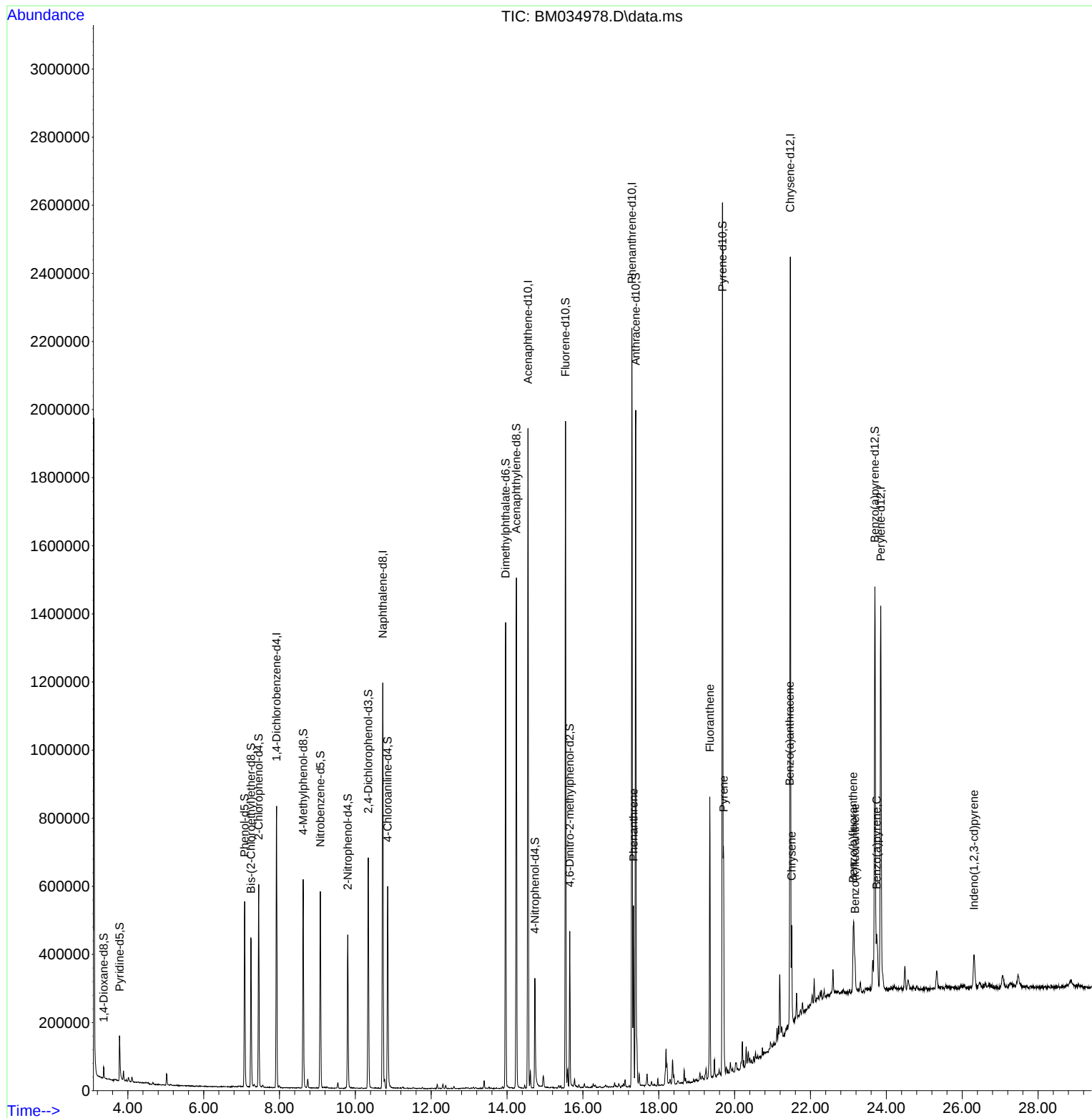
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051122\
Data File : BM034978.D
Acq On : 11 May 2022 10:53
Operator : CG/JU
Sample : N2603-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

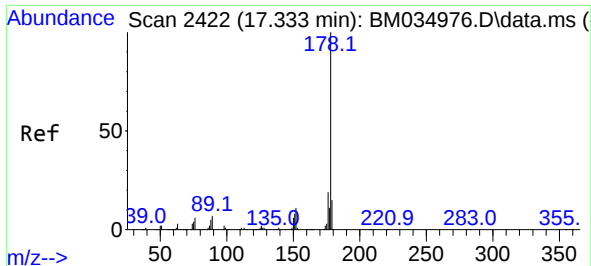
Instrument :
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Supervised By :Yogesh Patel 05/17/2022

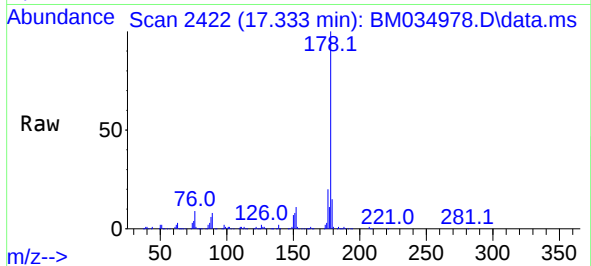
Quant Time: May 12 03:26:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM051022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 10 16:40:09 2022
Response via : Initial Calibration





#72
Phenanthrene
Concen: 4.227 ng/ul
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53

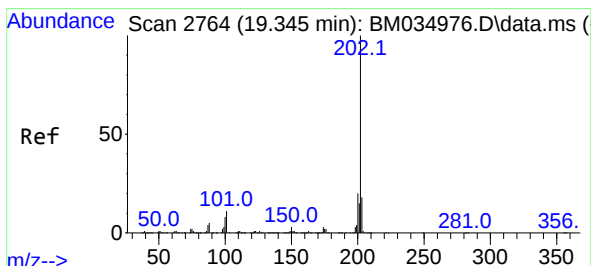
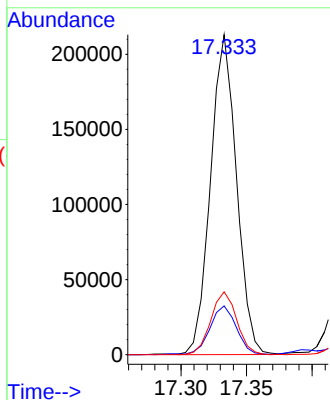
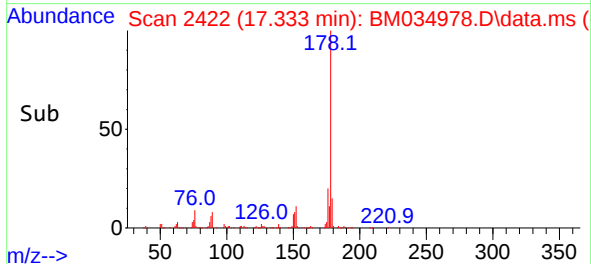
Instrument :
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ClientSampleId :
EW4A1



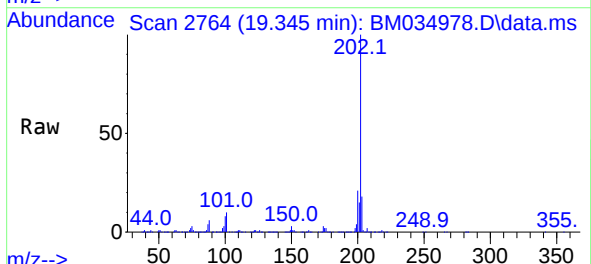
Tgt Ion:178 Resp: 293598
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.7 15.0 22.6

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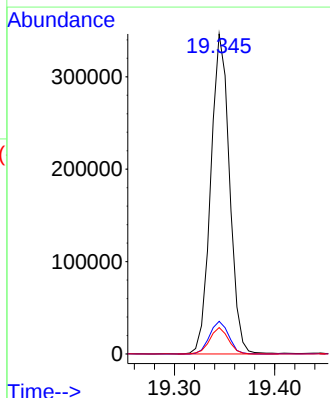
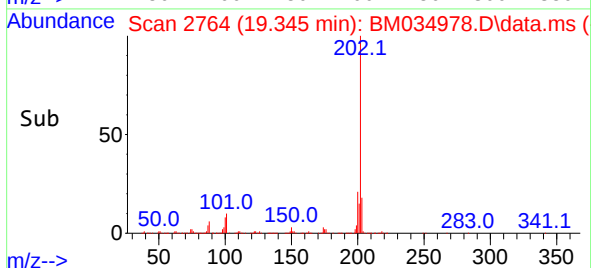
Reviewed By :Jagrut Upadhyay 05/12/2022
Supervised By :Yogesh Patel 05/17/2022

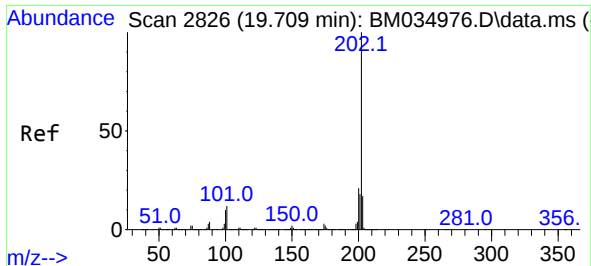


#80
Fluoranthene
Concen: 6.280 ng/ul
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53



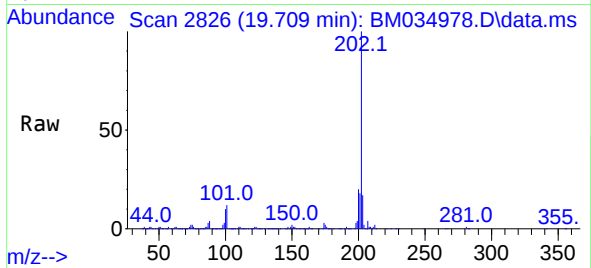
Tgt Ion:202 Resp: 450738
Ion Ratio Lower Upper
202 100
101 10.2 7.4 11.2
100 8.3 5.8 8.6





#82
Pyrene
Concen: 5.037 ng/ul
RT: 19.709 min Scan# 2826
Delta R.T. -0.000 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53

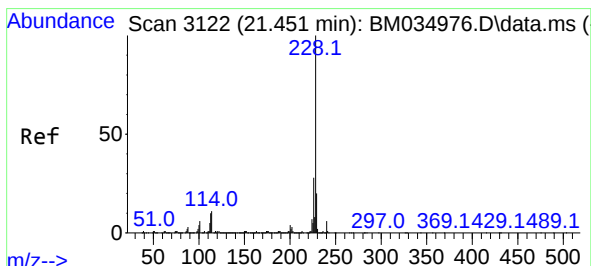
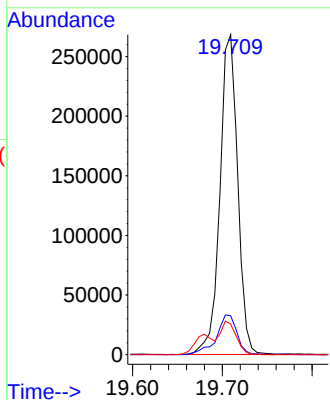
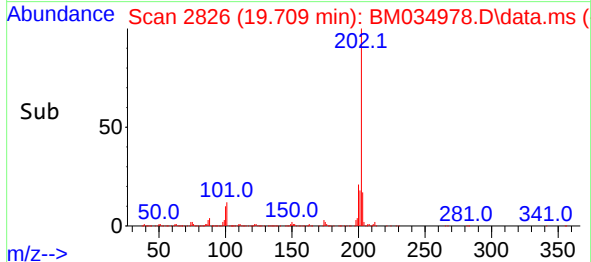
Instrument :
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ClientSampleId :
EW4A1



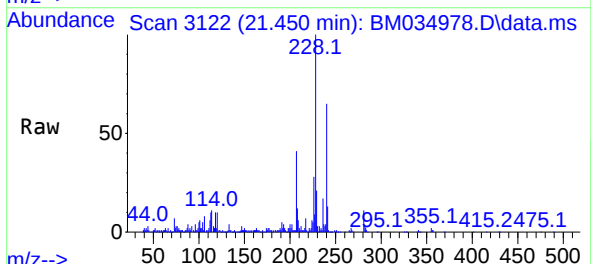
Tgt Ion:202 Resp: 36918
Ion Ratio Lower Upper
202 100
101 12.2 9.4 14.0
100 9.6 7.8 11.6

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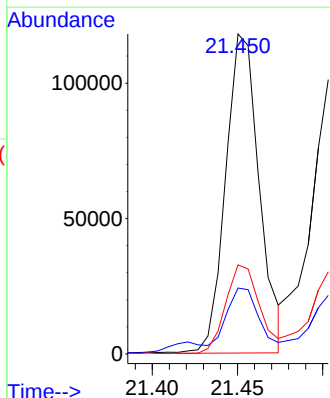
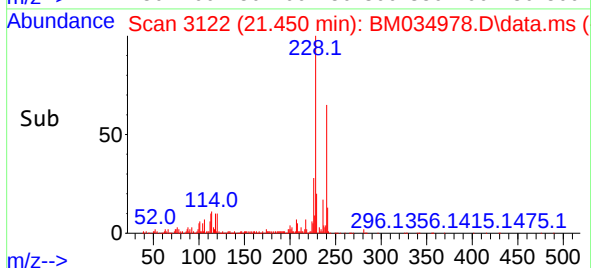
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Supervised By :Yogesh Patel 05/17/2022

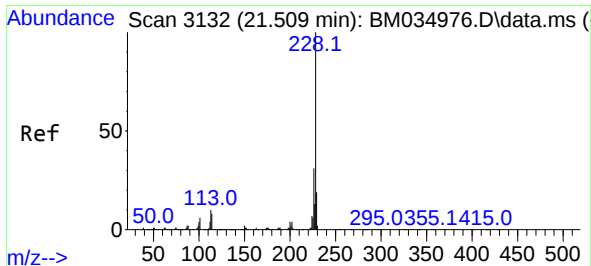


#85
Benzo(a)anthracene
Concen: 2.610 ng/ul
RT: 21.450 min Scan# 3122
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53



Tgt Ion:228 Resp: 162138
Ion Ratio Lower Upper
228 100
229 20.6 15.4 23.0
226 27.8 21.7 32.5





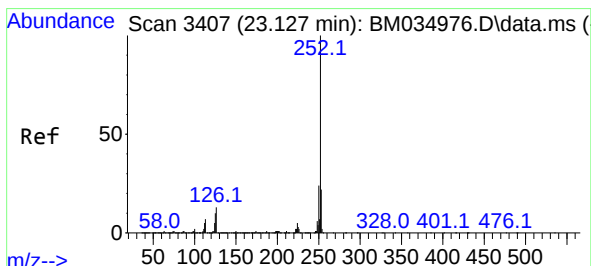
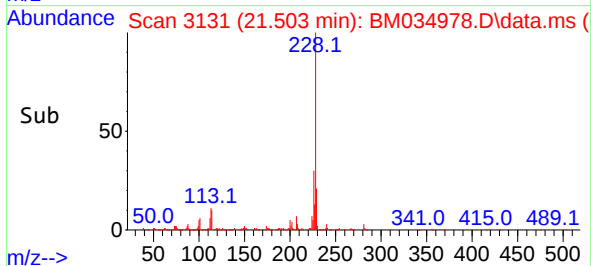
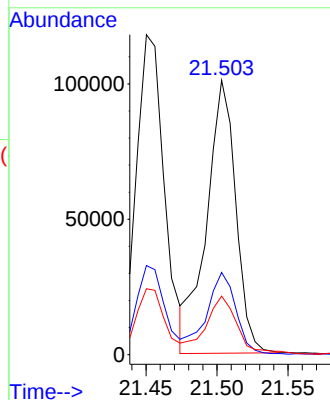
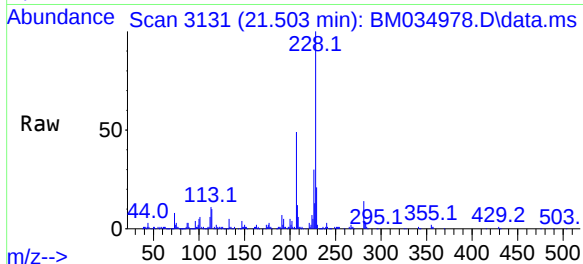
#87
Chrysene
Concen: 2.383 ng/u1
RT: 21.503 min Scan# 3132
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53

Instrument :
BNA_M
ClientSampleId :
EW4A1

Tgt Ion:228 Resp: 144145
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 21.4 15.7 23.5

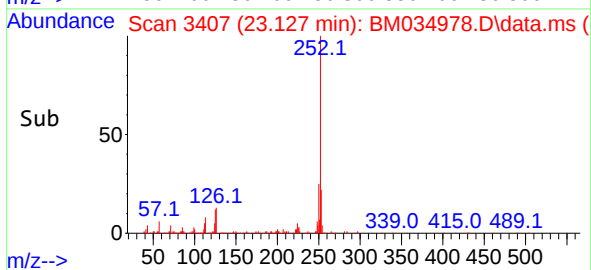
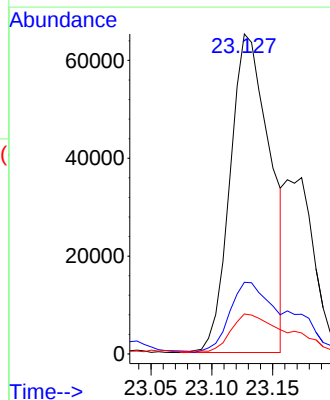
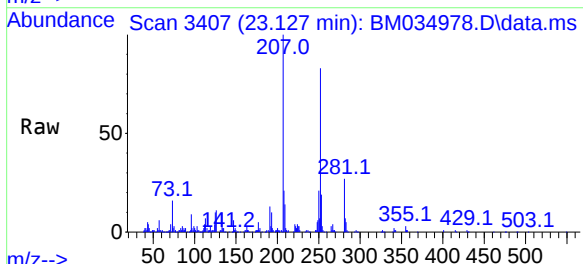
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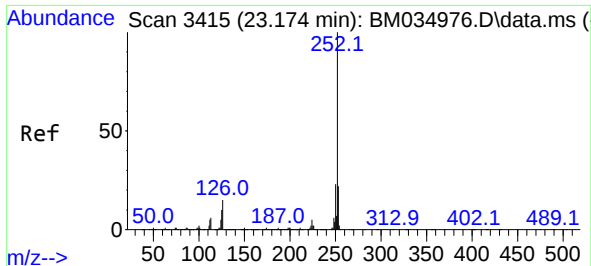
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#90
Benzo(b)fluoranthene
Concen: 2.770 ng/u1
RT: 23.127 min Scan# 3407
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53

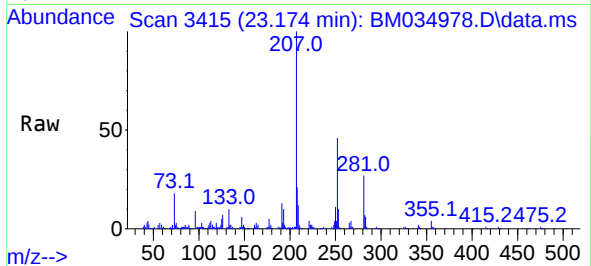
Tgt Ion:252 Resp: 148167
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 12.5 7.6 11.4#





#91
Benzo(k)fluoranthene
Concen: 1.172 ng/ul m
RT: 23.174 min Scan# 3415
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53

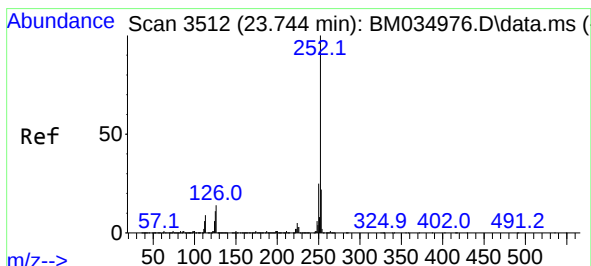
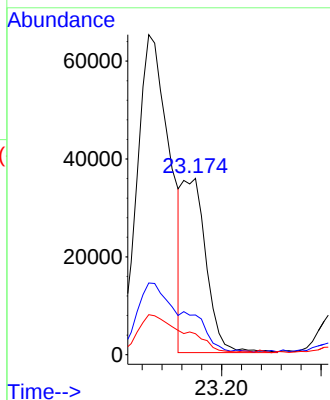
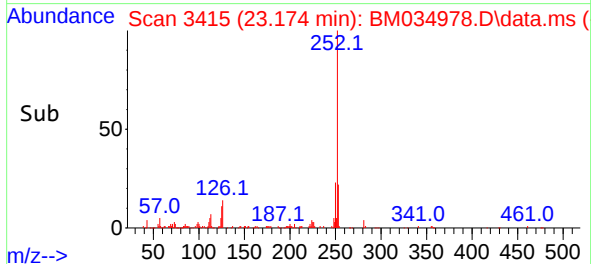
Instrument :
BNA_M
ClientSampleId :
EW4A1



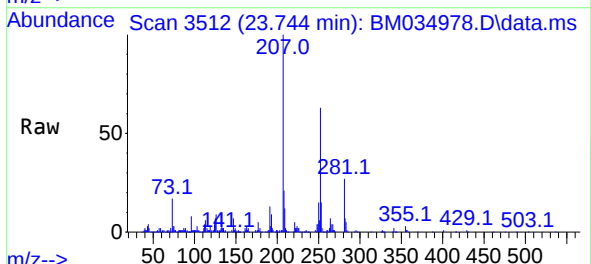
Tgt Ion:252 Resp: 5970
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 11.9 7.8 11.6

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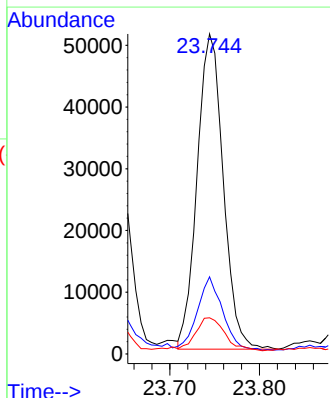
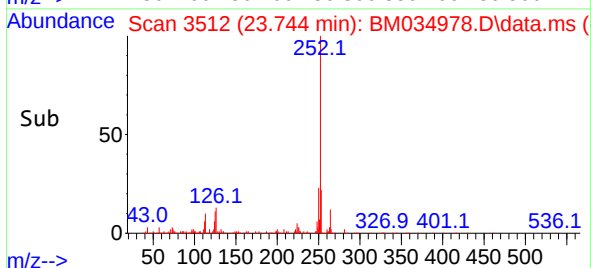
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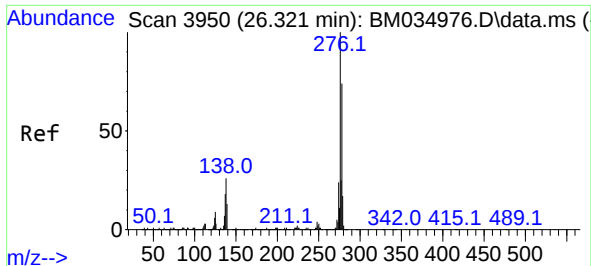


#93
Benzo(a)pyrene
Concen: 2.025 ng/ul
RT: 23.744 min Scan# 3512
Delta R.T. -0.006 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53



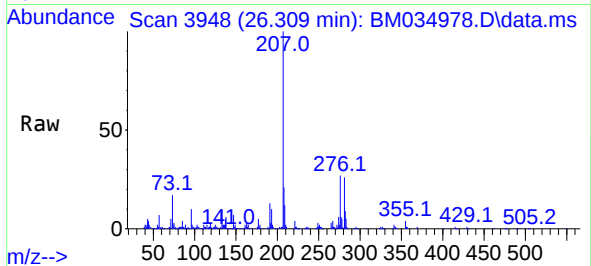
Tgt Ion:252 Resp: 103287
Ion Ratio Lower Upper
252 100
253 24.1 16.6 25.0
125 11.3 6.2 9.2#





#94
Indeno(1,2,3-cd)pyrene
Concen: 1.085 ng/ul
RT: 26.309 min Scan# 3948
Delta R.T. -0.018 min
Lab File: BM034978.D
Acq: 11 May 2022 10:53

Instrument :
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ClientSampleId :
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Tgt Ion:	276	Resp:	6328
Ion	Ratio	Lower	Upper
276	100		
138	21.2	15.3	22.9
277	21.9	19.6	29.4

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