

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
 Data File : BN019876.D
 Acq On : 20 May 2022 19:28
 Operator : CG/JU
 Sample : N2843-20
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4K0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/26/2022
 Supervised By :mohammad ahmed 05/27/2022

Quant Time: May 26 04:30:49 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 17 01:41:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	5035	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	16879	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.474	164	10240	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.213	188	22230	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	20622	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	17130	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	13901	2.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	4248	0.166	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	11712	0.179	ng/ul	0.00
Target Compounds						
15) Phenanthrene	17.251	178	2179	0.027	ng/ul#	91
19) Fluoranthene	19.271	202	8155	0.086	ng/ul	96
20) Pyrene	19.634	202	9613m	0.102	ng/ul	
21) Benzo(a)anthracene	21.385	228	8652	0.112	ng/ul#	88
22) Chrysene	21.435	228	10614	0.117	ng/ul#	88
24) Benzo(b)fluoranthene	23.033	252	19353m	0.223	ng/ul	
25) Benzo(k)fluoranthene	23.071	252	5866m	0.070	ng/ul	
26) Benzo(a)pyrene	23.636	252	10008	0.135	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.137	276	6803	0.074	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.148	278	1964	0.025	ng/ul#	54
29) Benzo(g,h,i)perylene	26.875	276	5299	0.063	ng/ul#	81

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

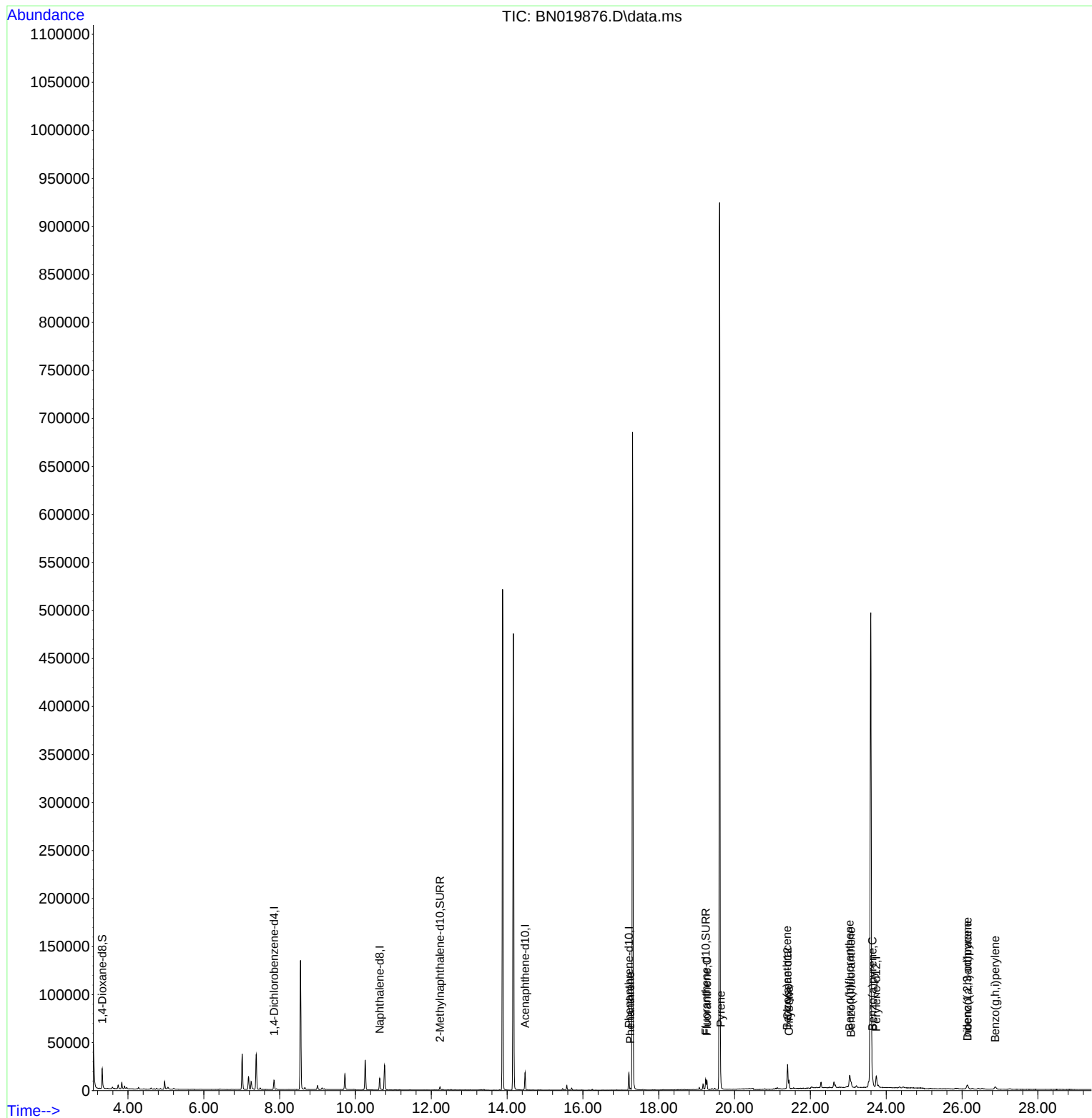
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019876.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

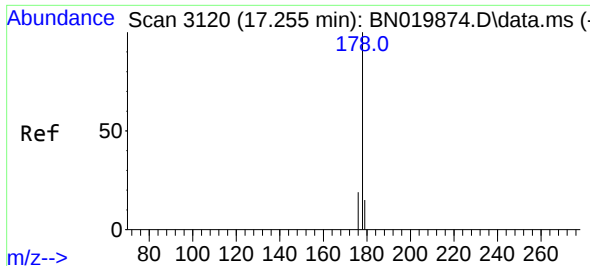
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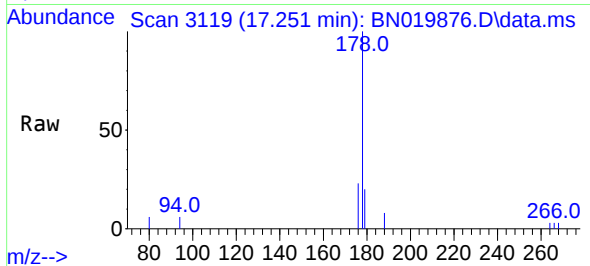
Quant Time: May 26 04:30:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.251 min Scan# 3119
Delta R.T. -0.004 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

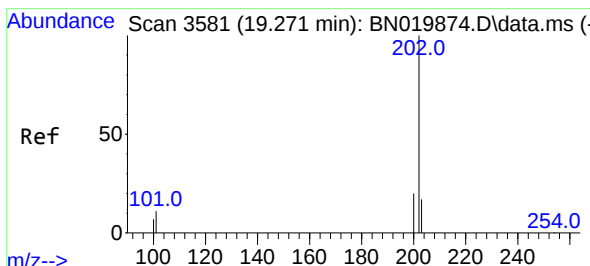
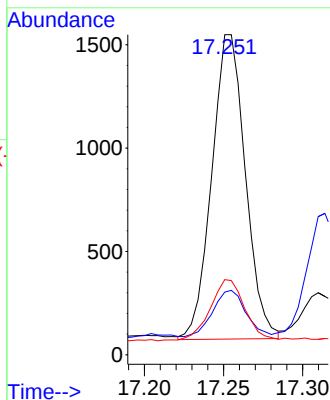
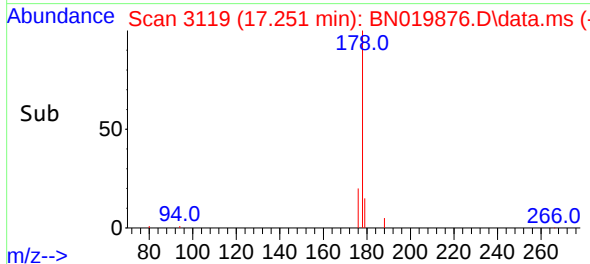
Instrument :
BNA_N
ClientSampleId :
EW4K0



Tgt Ion:178 Resp: 2179
Ion Ratio Lower Upper
178 100
179 19.6 12.9 19.3
176 23.5 15.5 23.3

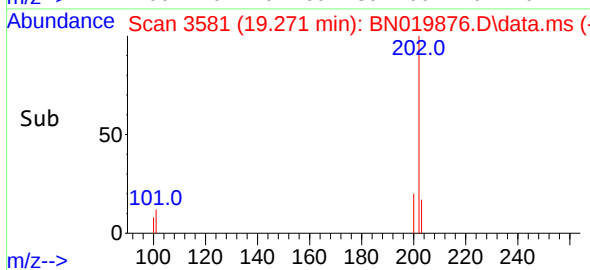
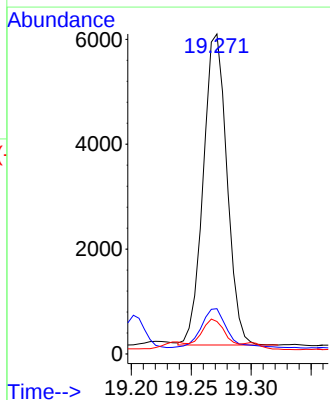
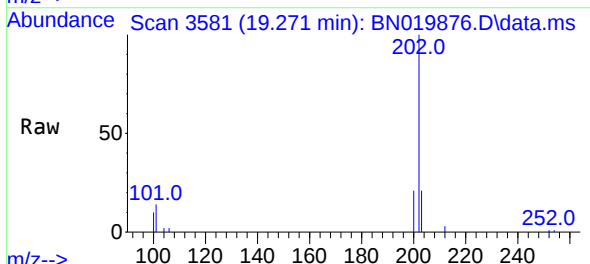
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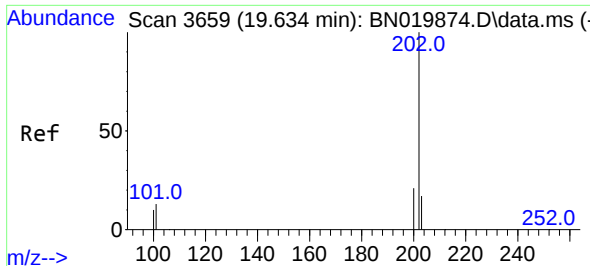
Reviewed By :Jagrut Upadhyay 05/26/2022
Supervised By :mohammad ahmed 05/27/2022



#19
Fluoranthene
Concen: 0.086 ng/ul
RT: 19.271 min Scan# 3581
Delta R.T. -0.000 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

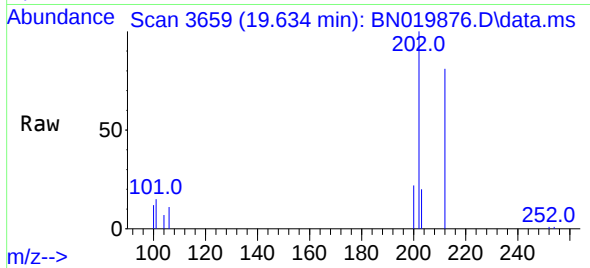
Tgt Ion:202 Resp: 8155
Ion Ratio Lower Upper
202 100
101 14.2 9.7 14.5
100 10.2 7.4 11.2





#20
Pyrene
Concen: 0.102 ng/ul m
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

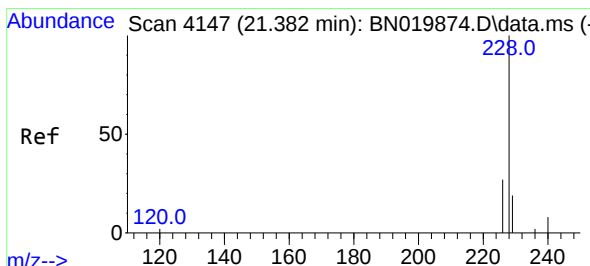
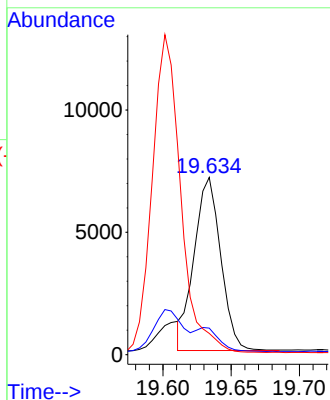
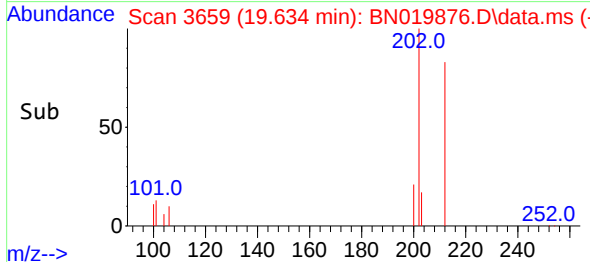
Instrument :
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ClientSampleId :
EW4K0



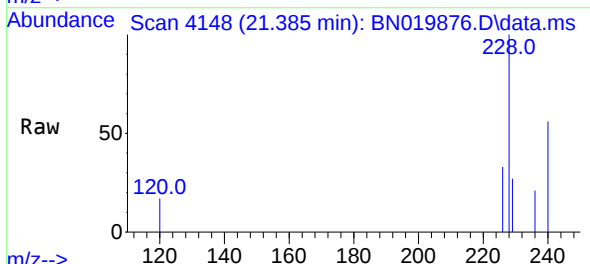
Tgt Ion:202 Resp: 9611
Ion Ratio Lower Upper
202 100
101 15.0 11.4 17.0
100 12.0 9.0 13.4

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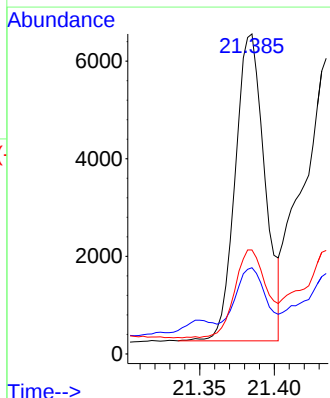
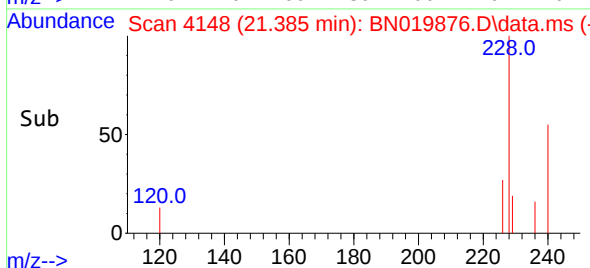
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Supervised By :mohammad ahmed 05/27/2022

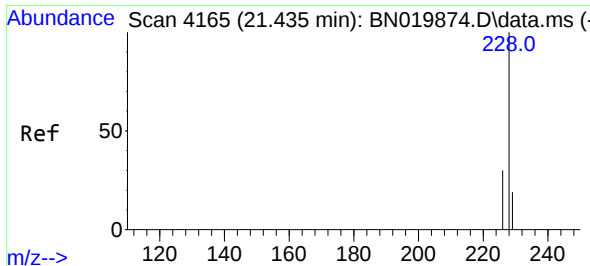


#21
Benzo(a)anthracene
Concen: 0.112 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28



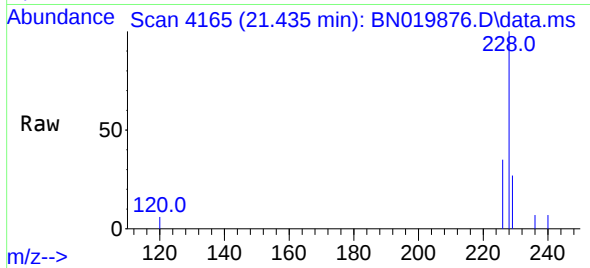
Tgt Ion:228 Resp: 8652
Ion Ratio Lower Upper
228 100
229 27.0 16.1 24.1#
226 32.5 22.1 33.1





#22
Chrysene
Concen: 0.117 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

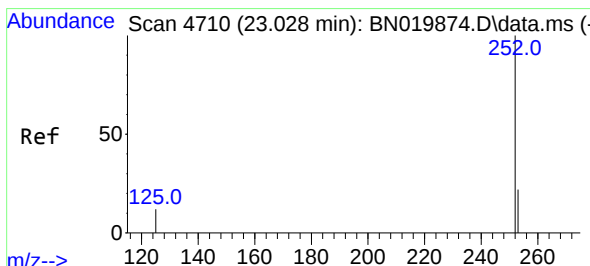
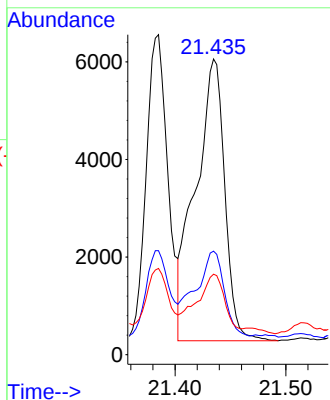
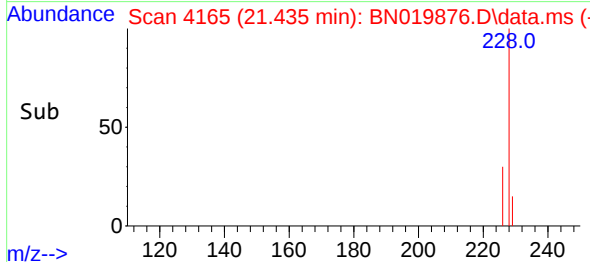
Instrument :
BNA_N
ClientSampleId :
EW4K0



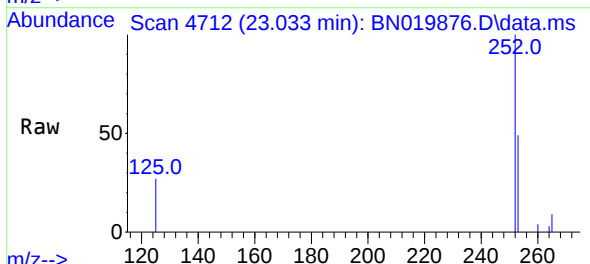
Tgt Ion:228 Resp: 10614
Ion Ratio Lower Upper
228 100
226 35.0 24.2 36.2
229 27.2 16.0 24.0

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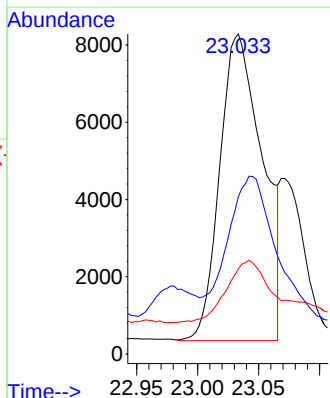
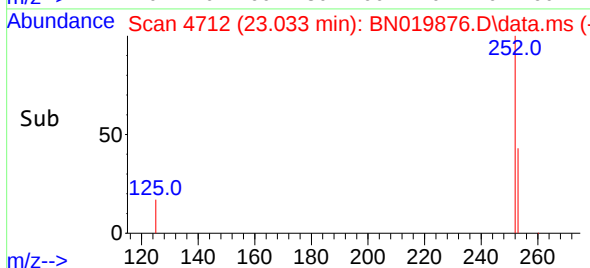
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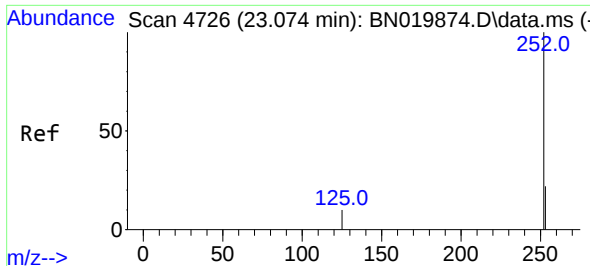


#24
Benzo(b)fluoranthene
Concen: 0.223 ng/ul m
RT: 23.033 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28



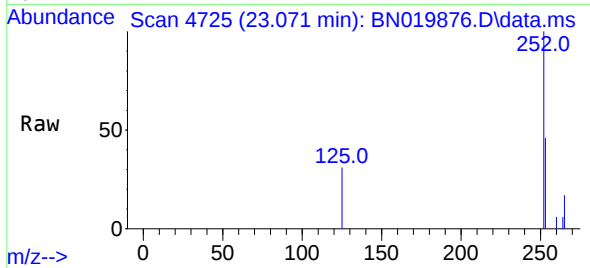
Tgt Ion:252 Resp: 19353
Ion Ratio Lower Upper
252 100
253 49.2 0.0 52.0
125 26.6 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.070 ng/ul m
RT: 23.071 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

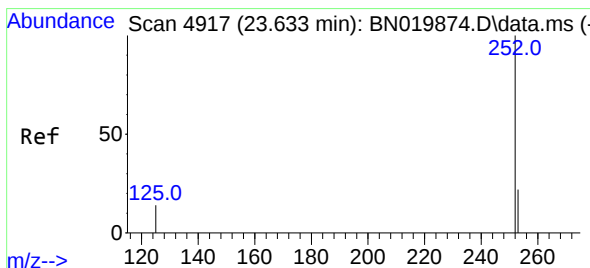
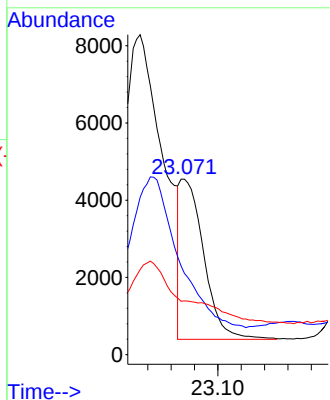
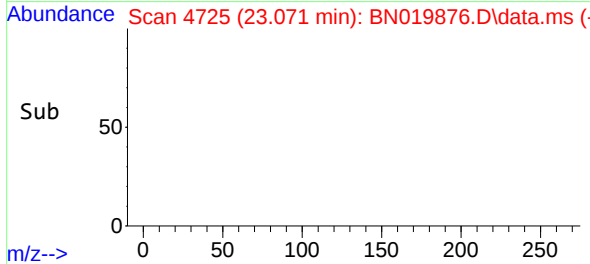
Instrument :
BNA_N
ClientSampleId :
EW4K0



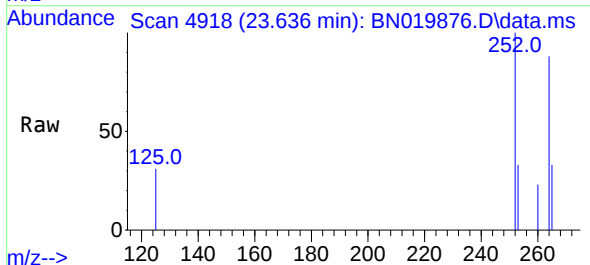
Tgt Ion:252 Resp: 5860
Ion Ratio Lower Upper
252 100
253 46.3 20.2 30.2
125 30.6 11.0 16.6

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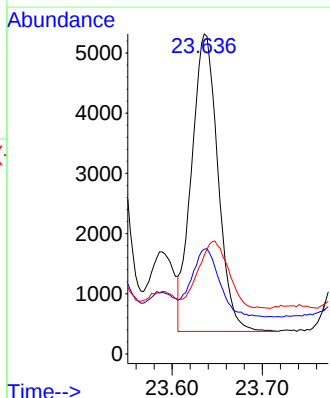
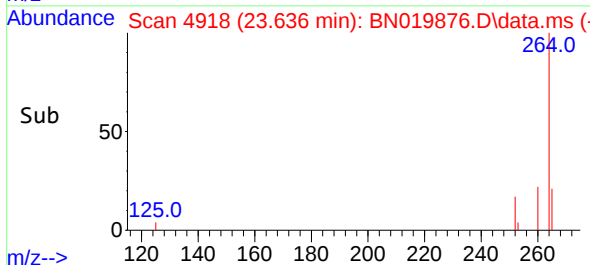
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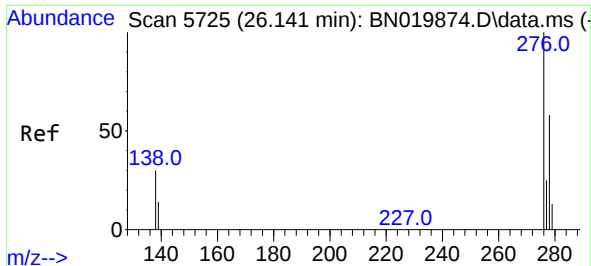


#26
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28



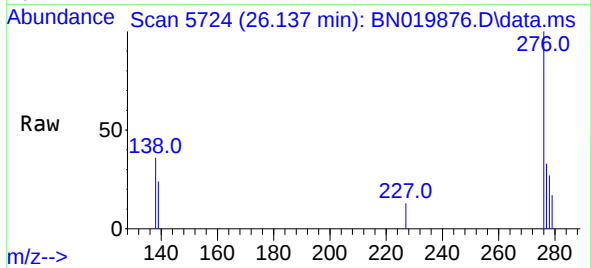
Tgt Ion:252 Resp: 10008
Ion Ratio Lower Upper
252 100
253 32.8 23.4 35.0
125 30.9 28.3 42.5





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 26.137 min Scan# 51
Delta R.T. -0.010 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

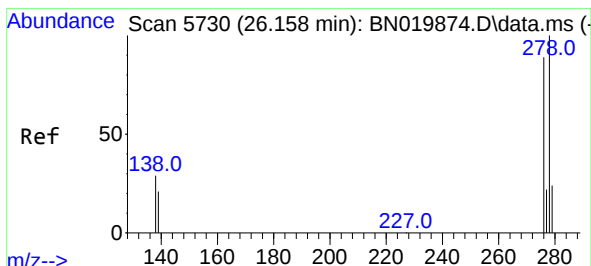
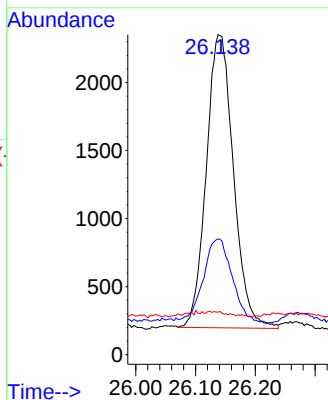
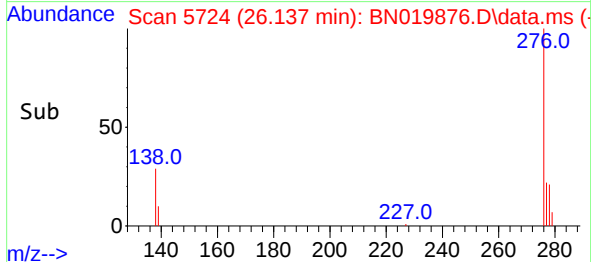
Instrument :
BNA_N
ClientSampleId :
EW4K0



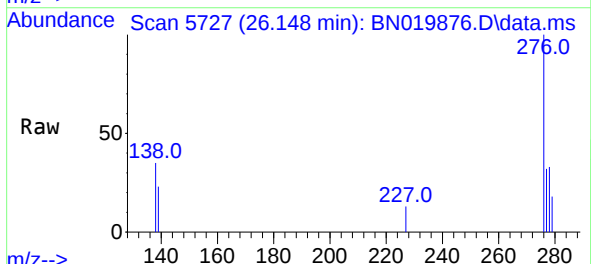
Tgt Ion: 276 Resp: 680
Ion Ratio Lower Upper
276 100
138 31.0 23.6 35.4
227 0.9 0.0 0.0

Manual Integrations
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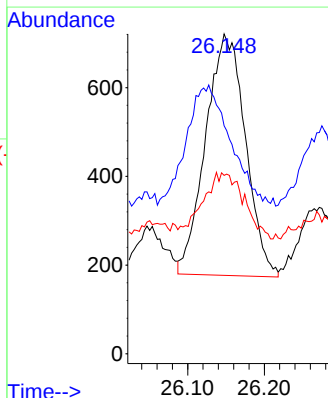
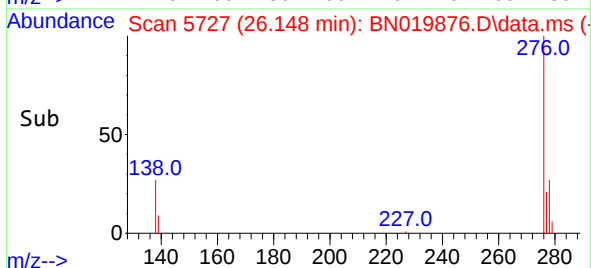
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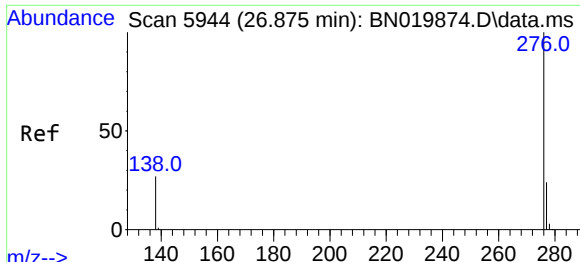


#28
Dibenzo(a,h)anthracene
Concen: 0.025 ng/ul
RT: 26.148 min Scan# 5727
Delta R.T. -0.017 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28



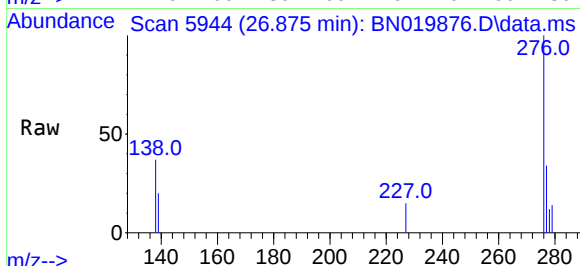
Tgt Ion: 278 Resp: 1964
Ion Ratio Lower Upper
278 100
139 71.3 18.6 28.0#
279 55.8 35.1 52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.063 ng/ul
RT: 26.875 min Scan# 5944
Delta R.T. -0.003 min
Lab File: BN019876.D
Acq: 20 May 2022 19:28

Instrument :
BNA_N
ClientSampleId :
EW4K0



Tgt Ion:276 Resp: 5298
Ion Ratio Lower Upper
276 100
138 36.5 20.9 31.3
277 34.3 20.4 30.6

Manual Integrations
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