

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
 Data File : BN019840.D
 Acq On : 18 May 2022 21:08
 Operator : CG/JU
 Sample : N2766-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EW4H0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/19/2022
 Supervised By :mohammad ahmed 05/25/2022

Quant Time: May 19 05:24:16 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	7.855	152	4768	0.400	ng/ul	0.00
4) Naphthalene-d8	10.643	136	16352	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.477	164	10188	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	21740	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	16400	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	12328	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	9825m	1.741	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	3344	0.135	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	7534	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.693	128	1363	0.026	ng/ul#	85
7) 2-Methylnaphthalene	12.304	142	1180	0.037	ng/ul#	100
8) 1-Methylnaphthalene	12.524	142	897	0.030	ng/ul#	100
15) Phenanthrene	17.254	178	12872	0.161	ng/ul	99
16) Anthracene	17.347	178	2527	0.039	ng/ul#	88
19) Fluoranthene	19.270	202	30671	0.409	ng/ul	98
20) Pyrene	19.632	202	25125m	0.335	ng/ul	
21) Benzo(a)anthracene	21.385	228	13018	0.212	ng/ul#	85
22) Chrysene	21.435	228	14631	0.203	ng/ul#	86
24) Benzo(b)fluoranthene	23.033	252	17697m	0.283	ng/ul	
25) Benzo(k)fluoranthene	23.074	252	6612m	0.110	ng/ul	
26) Benzo(a)pyrene	23.636	252	9706	0.182	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	26.144	276	7725	0.116	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.151	278	2046	0.037	ng/ul#	1

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

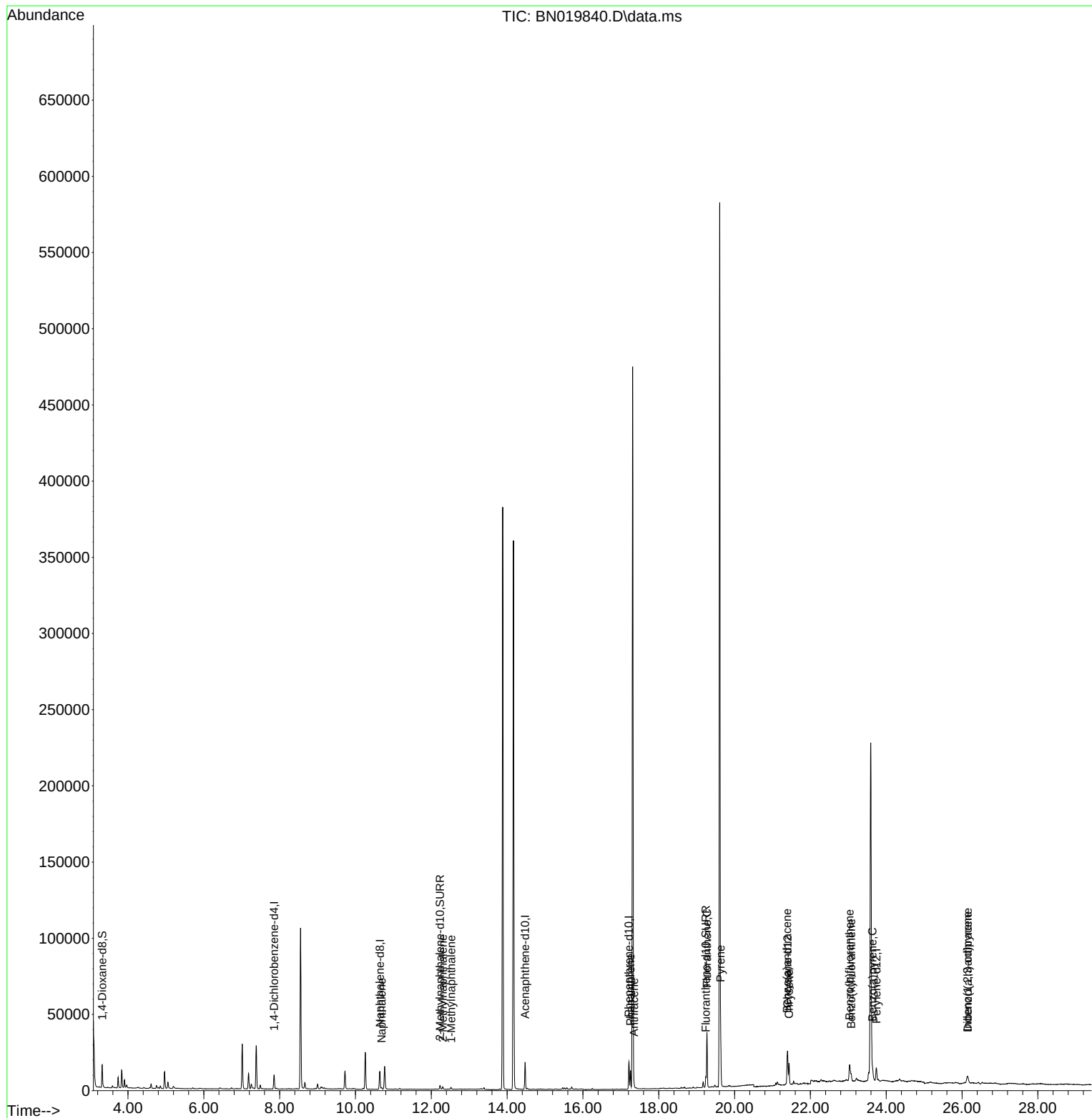
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051822\
Data File : BN019840.D
Acq On : 18 May 2022 21:08
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Sample : N2766-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

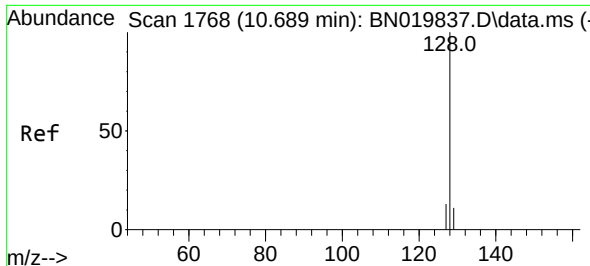
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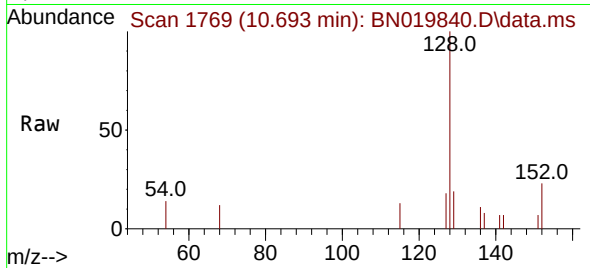
Quant Time: May 19 05:24:16 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
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#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.693 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

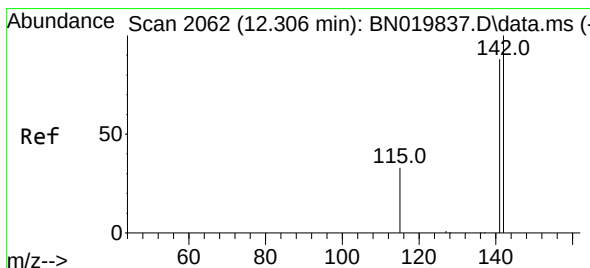
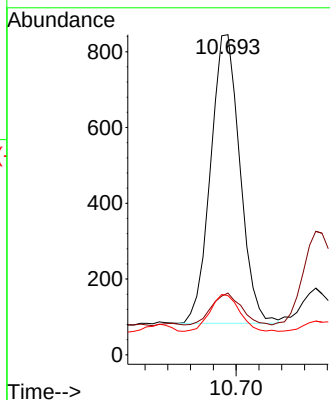
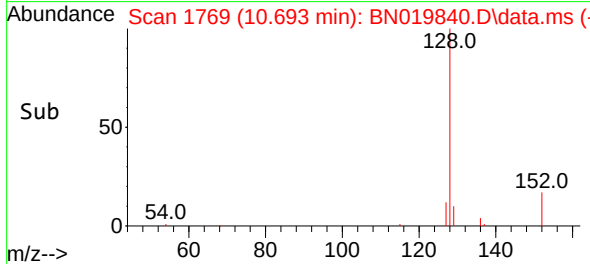
Instrument :
BNA_N
ClientSampleId :
EW4H0



Tgt Ion:128 Resp: 136
Ion Ratio Lower Upper
128 100
129 19.3 9.5 14.3
127 18.5 11.0 16.4

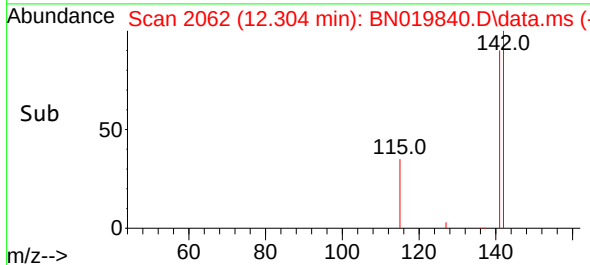
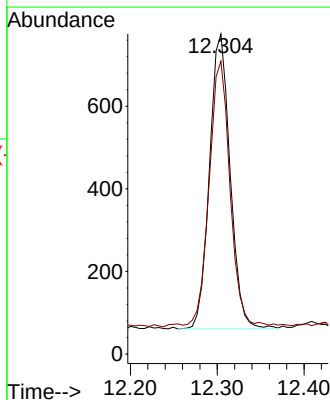
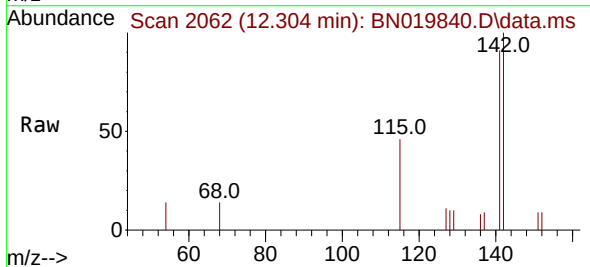
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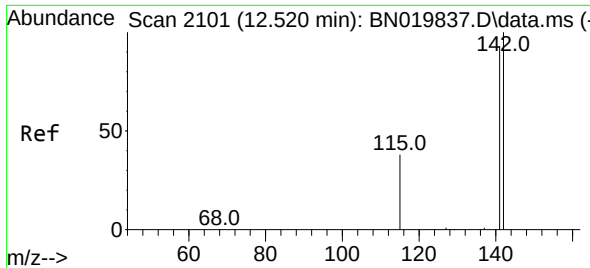
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.304 min Scan# 2062
Delta R.T. -0.001 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

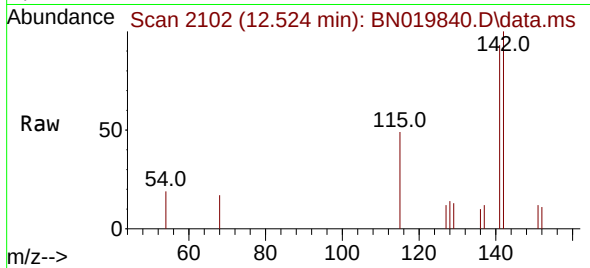
Tgt Ion:142 Resp: 1180
Ion Ratio Lower Upper
142 100
141 92.2 0.0 0.0#





#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.524 min Scan# 2101
Delta R.T. -0.001 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

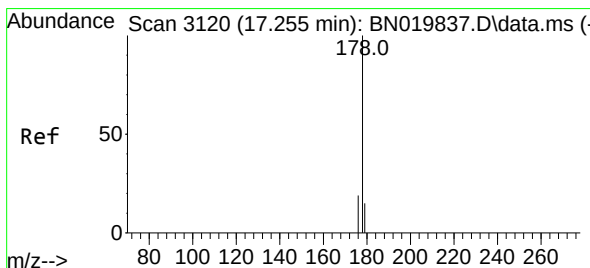
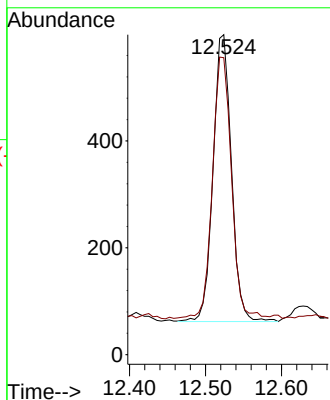
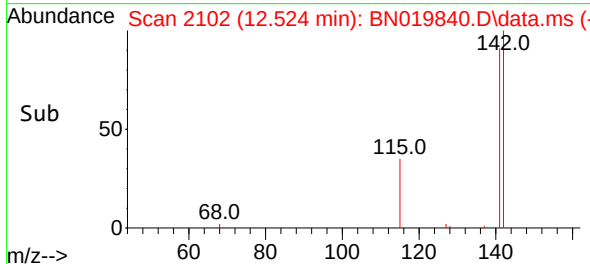
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 89
Ion Ratio Lower Upper
142 100
141 95.3 0.0 0.0

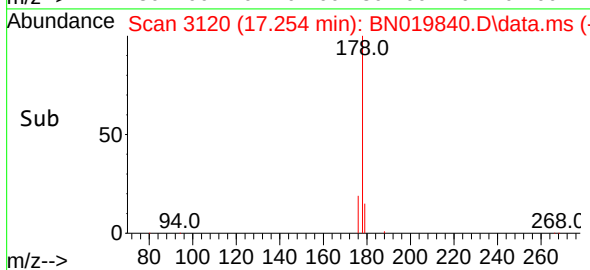
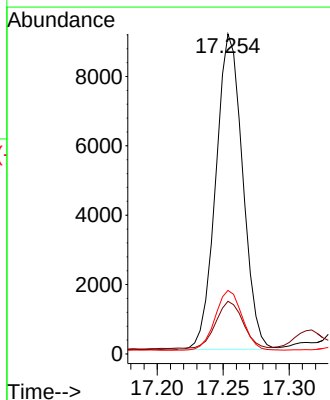
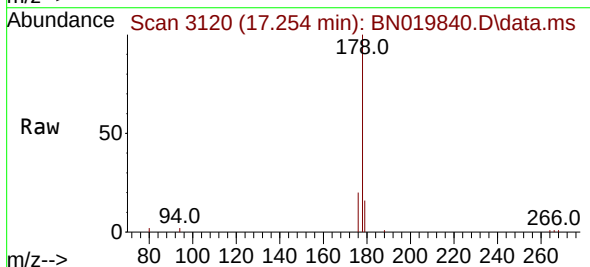
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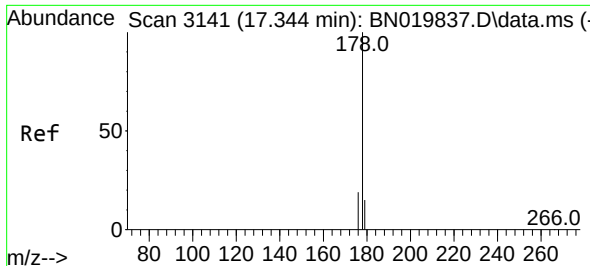
Reviewed By :Jagrut Upadhyay 05/19/2022
Supervised By :mohammad ahmed 05/25/2022



#15
Phenanthrene
Concen: 0.161 ng/ul
RT: 17.254 min Scan# 3120
Delta R.T. -0.001 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

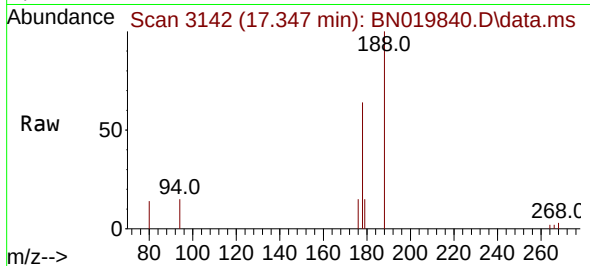
Tgt Ion:178 Resp: 12872
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.9 15.5 23.3





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.347 min Scan# 3141
 Delta R.T. -0.001 min
 Lab File: BN019840.D
 Acq: 18 May 2022 21:08

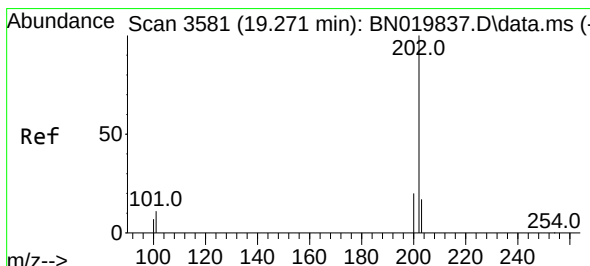
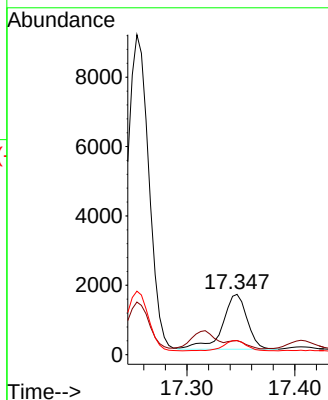
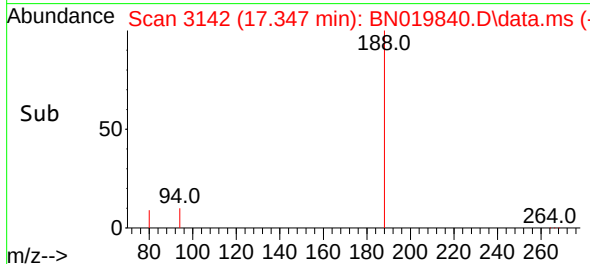
Instrument :
 BNA_N
 ClientSampleId :
 EW4H0



Tgt Ion:178 Resp: 2527
 Ion Ratio Lower Upper
 178 100
 179 23.4 13.1 19.7
 176 23.2 15.3 22.9

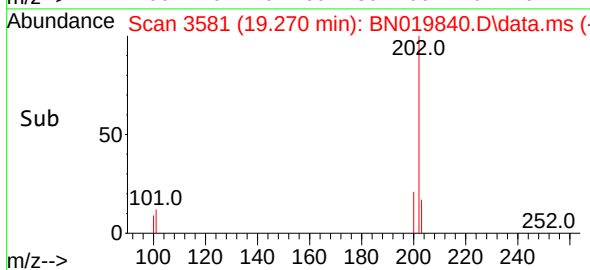
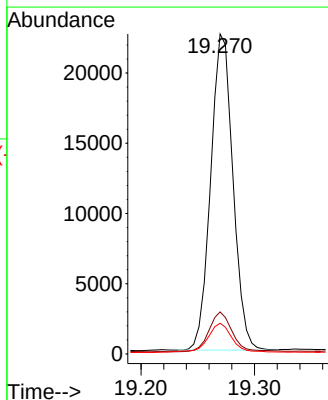
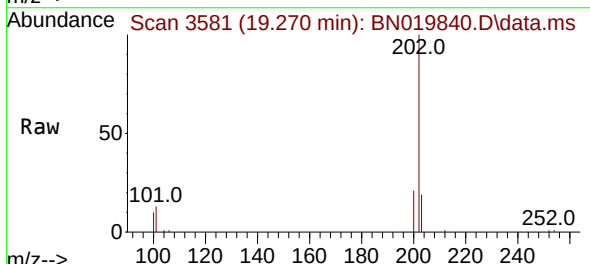
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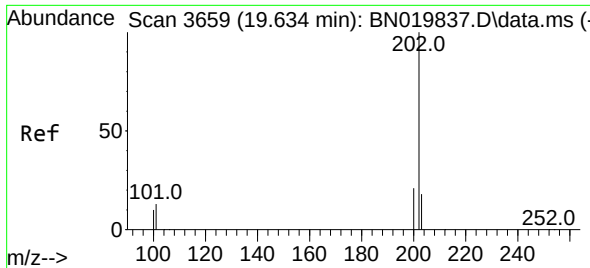
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#19
 Fluoranthene
 Concen: 0.409 ng/ul
 RT: 19.270 min Scan# 3581
 Delta R.T. -0.002 min
 Lab File: BN019840.D
 Acq: 18 May 2022 21:08

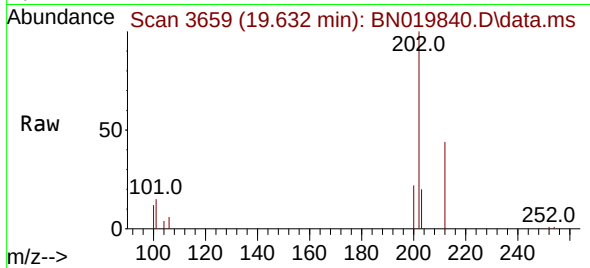
Tgt Ion:202 Resp: 30671
 Ion Ratio Lower Upper
 202 100
 101 13.1 9.7 14.5
 100 9.6 7.4 11.2





#20
Pyrene
Concen: 0.335 ng/ul m
RT: 19.632 min Scan# 3659
Delta R.T. -0.002 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

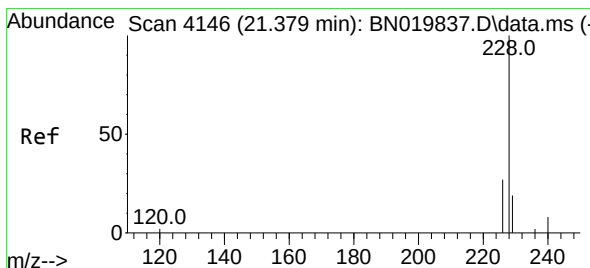
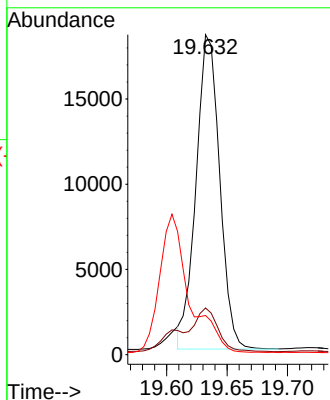
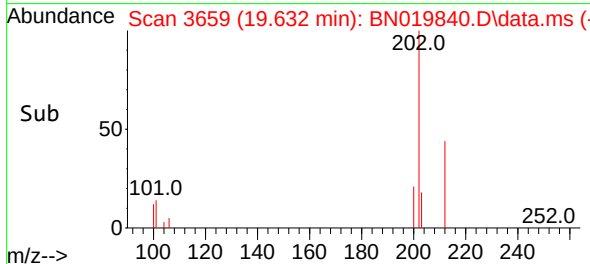
Instrument :
BNA_N
ClientSampleId :
EW4H0



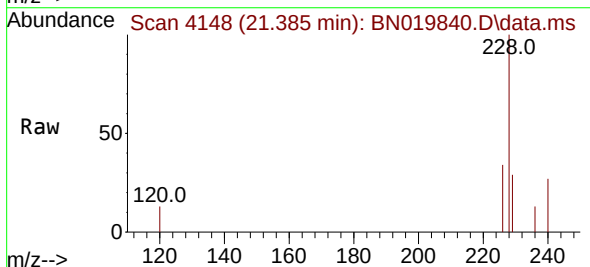
Tgt Ion:202 Resp: 2512
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.0
100 12.2 9.0 13.4

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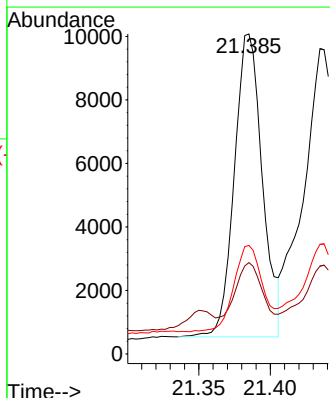
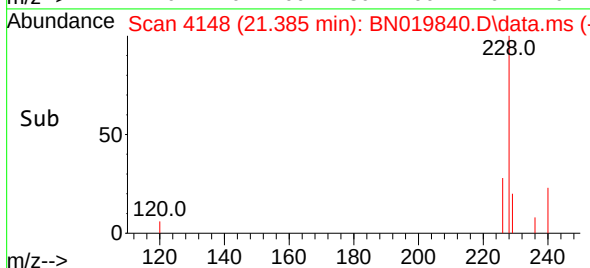
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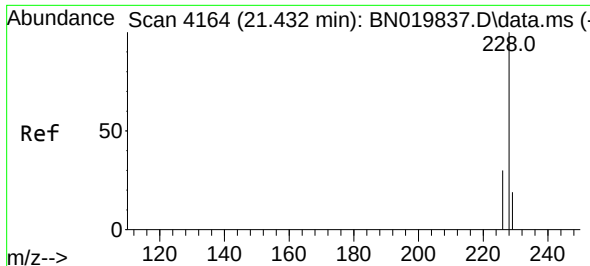


#21
Benzo(a)anthracene
Concen: 0.212 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08



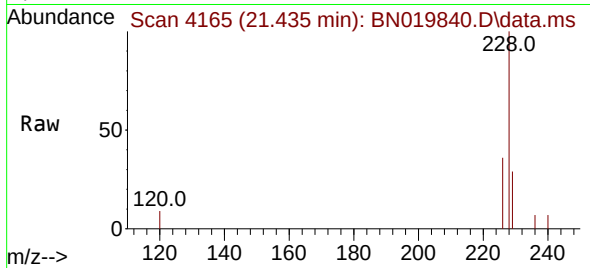
Tgt Ion:228 Resp: 13018
Ion Ratio Lower Upper
228 100
229 28.5 16.1 24.1#
226 33.9 22.1 33.1#





#22
Chrysene
Concen: 0.203 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

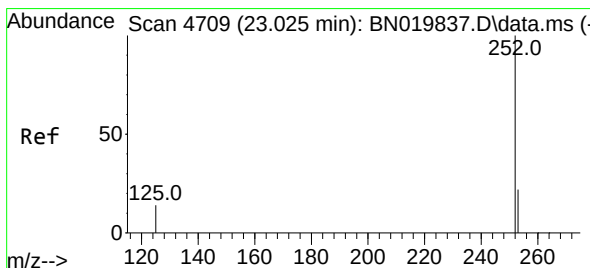
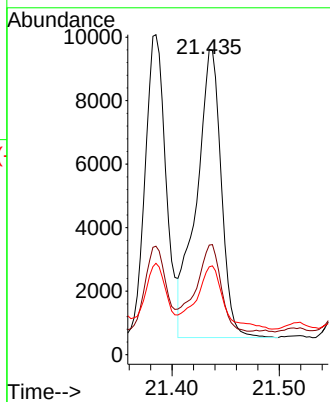
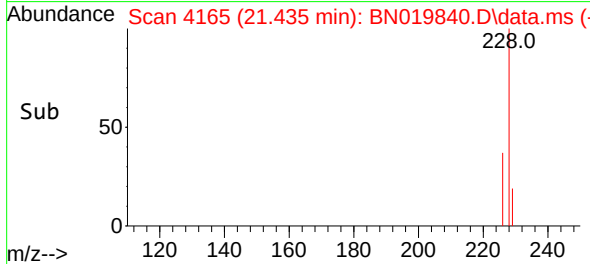
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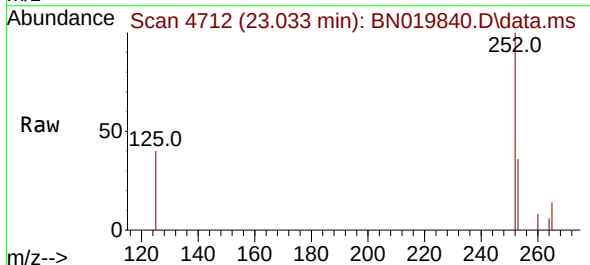
Tgt Ion:228 Resp: 1463
Ion Ratio Lower Upper
228 100
226 35.9 24.2 36.2
229 28.8 16.0 24.0

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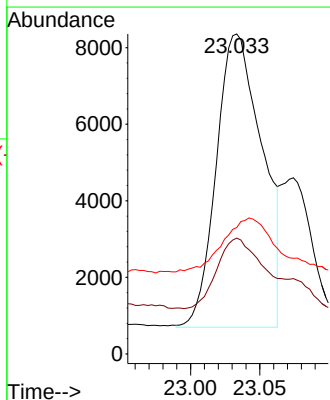
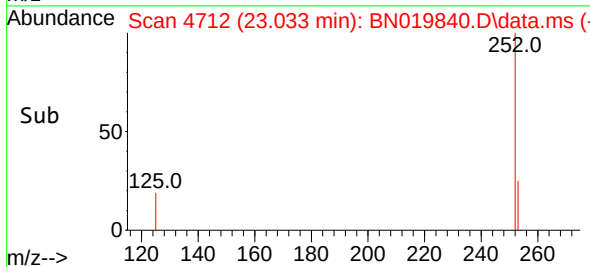
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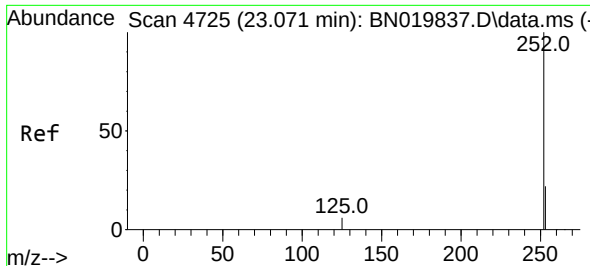


#24
Benzo(b)fluoranthene
Concen: 0.283 ng/ul m
RT: 23.033 min Scan# 4712
Delta R.T. -0.000 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08



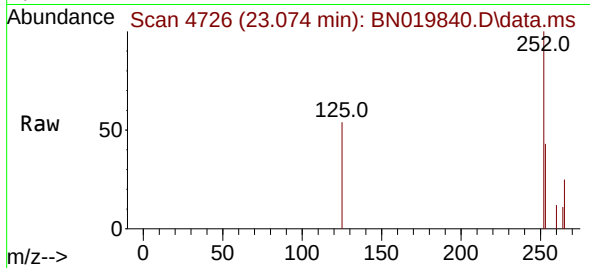
Tgt Ion:252 Resp: 17697
Ion Ratio Lower Upper
252 100
253 36.2 0.0 52.0
125 39.5 0.0 40.2





#25
Benzo(k)fluoranthene
Concen: 0.110 ng/ul m
RT: 23.074 min Scan# 4725
Delta R.T. -0.006 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08

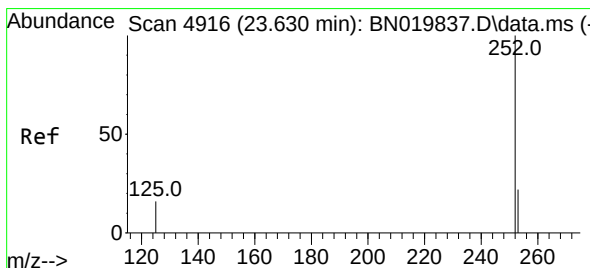
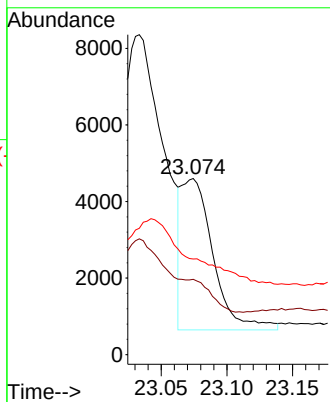
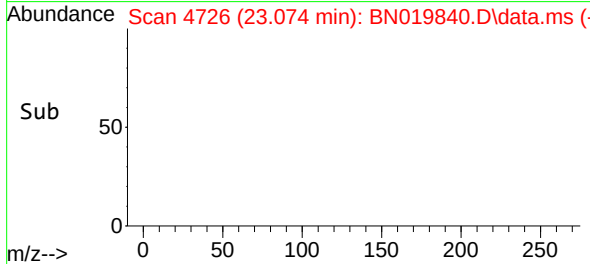
Instrument :
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ClientSampleId :
EW4H0



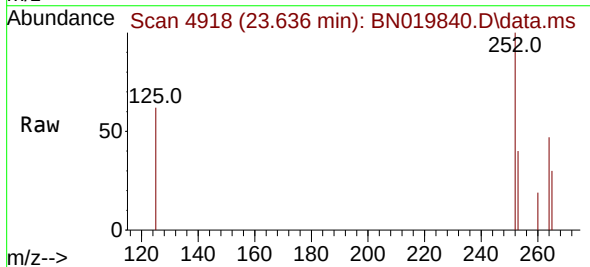
Tgt Ion:252 Resp: 6612
Ion Ratio Lower Upper
252 100
253 42.8 20.2 30.2
125 54.3 11.0 16.6

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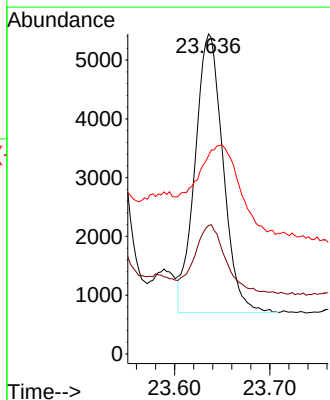
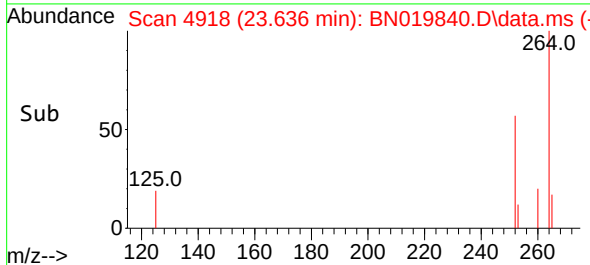
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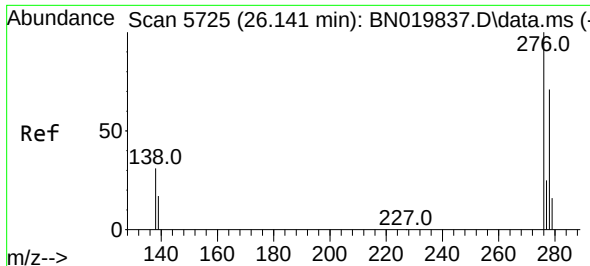


#26
Benzo(a)pyrene
Concen: 0.182 ng/ul
RT: 23.636 min Scan# 4918
Delta R.T. -0.003 min
Lab File: BN019840.D
Acq: 18 May 2022 21:08



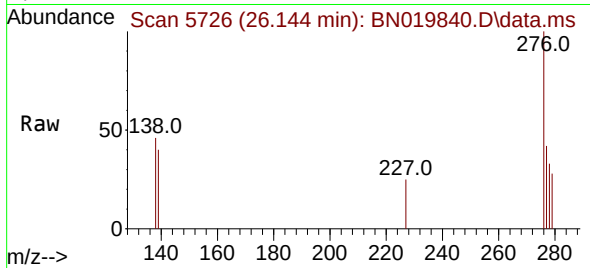
Tgt Ion:252 Resp: 9706
Ion Ratio Lower Upper
252 100
253 40.1 23.4 35.0#
125 62.0 28.3 42.5#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.116 ng/ul
 RT: 26.144 min Scan# 5725
 Delta R.T. -0.003 min
 Lab File: BN019840.D
 Acq: 18 May 2022 21:08

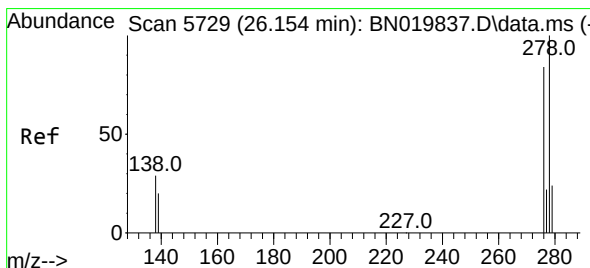
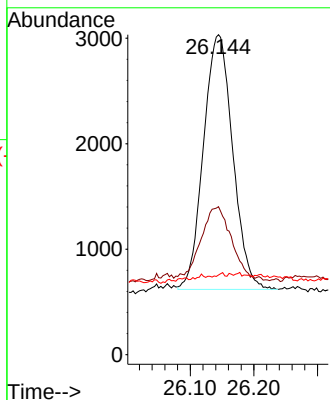
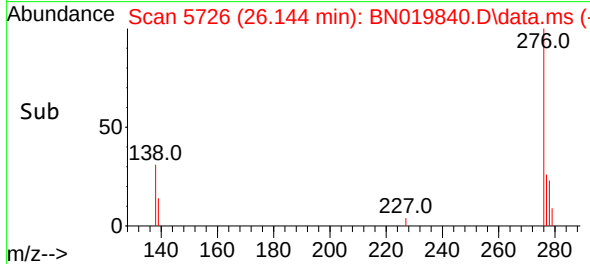
Instrument :
 BNA_N
 ClientSampleId :
 EW4H0



Tgt Ion: 276 Resp: 7725
 Ion Ratio Lower Upper
 276 100
 138 34.5 23.6 35.4
 227 0.3 0.0 0.0

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#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/ul
 RT: 26.151 min Scan# 5728
 Delta R.T. -0.013 min
 Lab File: BN019840.D
 Acq: 18 May 2022 21:08

Tgt Ion: 278 Resp: 2046
 Ion Ratio Lower Upper
 278 100
 139 113.3 18.6 28.0#
 279 81.4 35.1 52.7#

