

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112622\
 Data File : BN022882.D
 Acq On : 26 Nov 2022 15:38
 Operator : CG/JU
 Sample : N5568-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X3D63

Quant Time: Nov 28 03:48:26 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 28 03:16:56 2022
 Response via : Initial Calibration

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

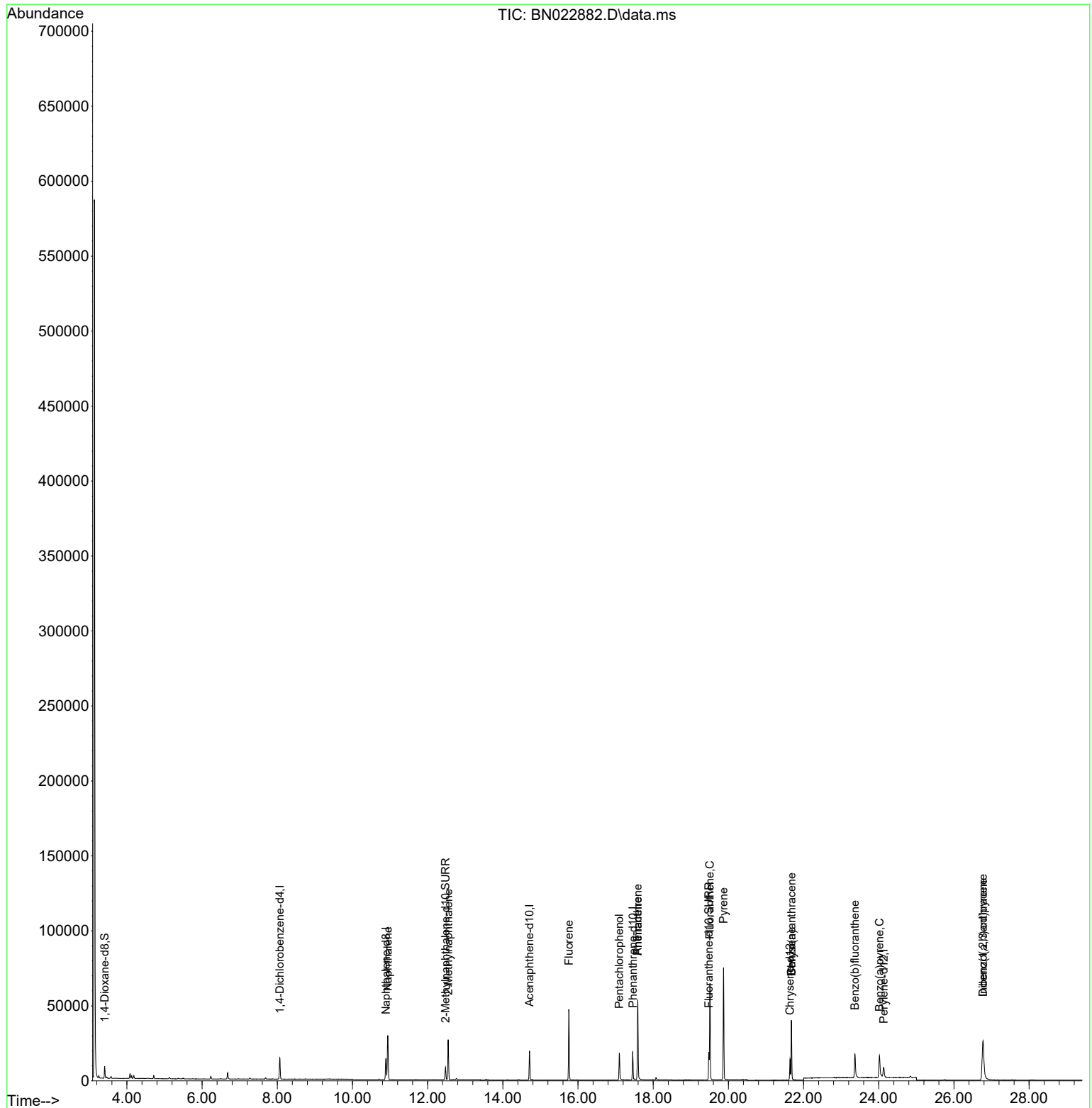
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	6958	0.400	ng/ul	0.00
4) Naphthalene-d8	10.892	136	18714	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.710	164	9880	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.458	188	21470	0.400	ng/ul	0.00
17) Chrysene-d12	21.639	240	12176	0.400	ng/ul	0.00
23) Perylene-d12	24.133	264	9791	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	4927	0.590	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.476	152	10311	0.362	ng/ul	0.00
18) Fluoranthene-d10	19.481	212	18682	0.415	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.942	128	39229	0.691	ng/ul	100
7) 2-Methylnaphthalene	12.548	142	17694	0.498	ng/ul	100
12) Fluorene	15.756	166	28617	0.655	ng/ul	99
14) Pentachlorophenol	17.099	266	11853	2.640	ng/ul#	100
15) Phenanthrene	17.589	178	57961	0.787	ng/ul	99
16) Anthracene	17.589	178	58321	0.922	ng/ul	100
19) Fluoranthene	19.509	202	53847	0.856	ng/ul	99
20) Pyrene	19.871	202	59400	0.964	ng/ul	99
21) Benzo(a)anthracene	21.677	228	33419	0.718	ng/ul	97
22) Chrysene	21.677	228	33207	0.651	ng/ul	99
24) Benzo(b)fluoranthene	23.367	252	24069	0.485	ng/ul	99
26) Benzo(a)pyrene	24.019	252	26114	0.691	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.772	276	12422	0.277	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.775	278	49688	1.393	ng/ul	97

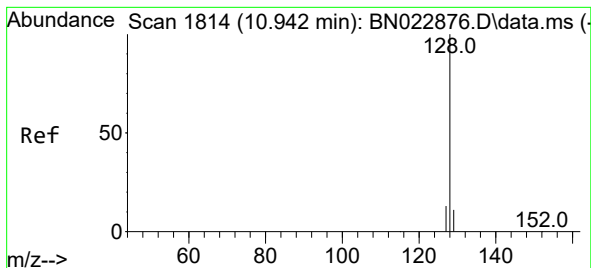
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.691 ng/ul

RT: 10.942 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BN022882.D

Acq: 26 Nov 2022 15:38

Instrument :

BNA_N

ClientSampleId :

X3D63

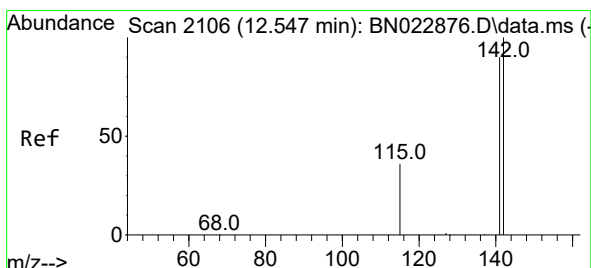
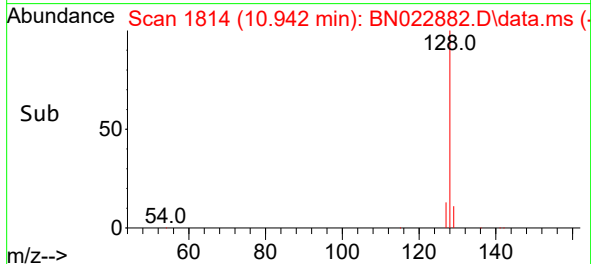
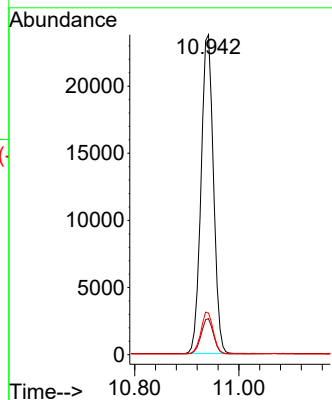
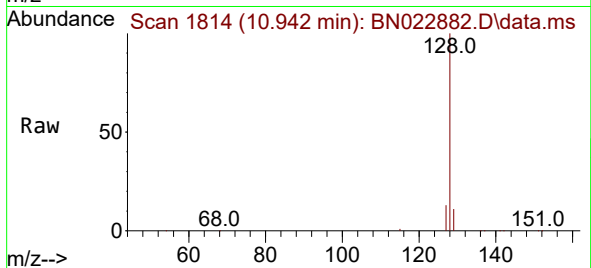
Tgt Ion:128 Resp: 39229

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.0 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.498 ng/ul

RT: 12.548 min Scan# 2106

Delta R.T. 0.000 min

Lab File: BN022882.D

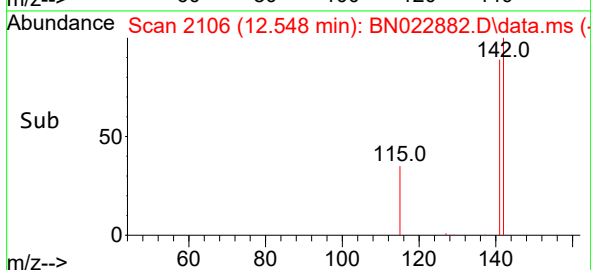
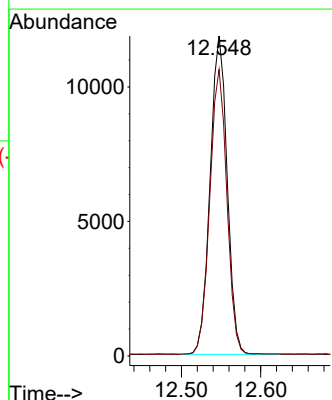
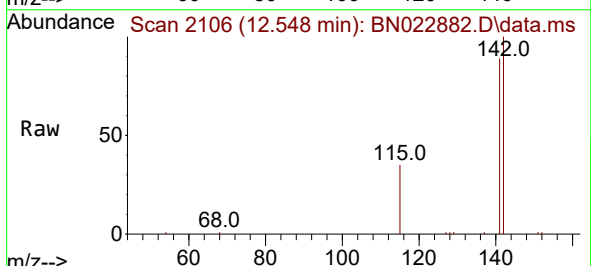
Acq: 26 Nov 2022 15:38

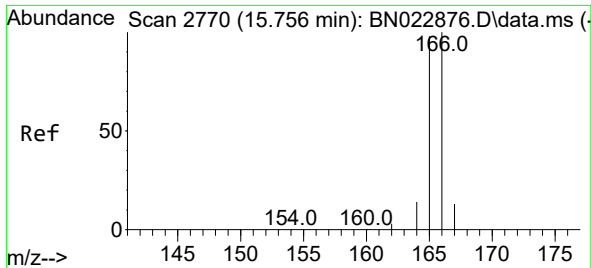
Tgt Ion:142 Resp: 17694

Ion Ratio Lower Upper

142 100

141 89.2 71.6 107.4

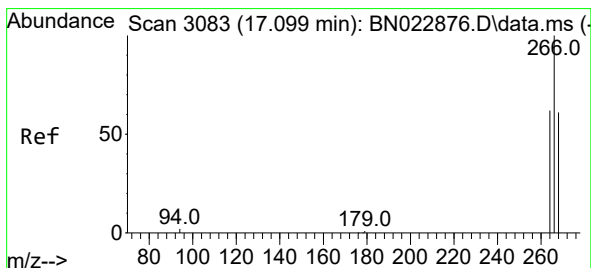
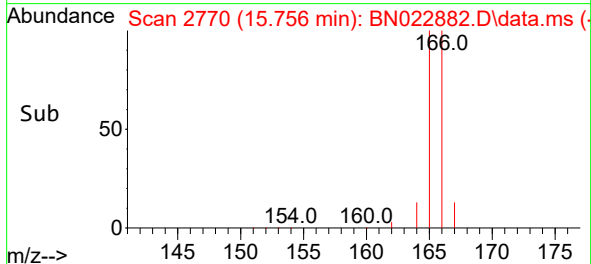
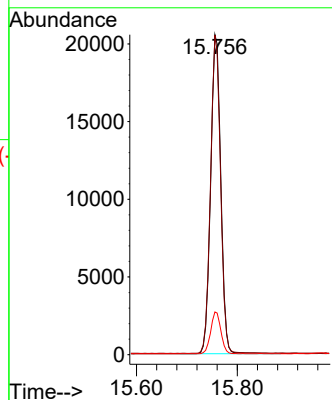
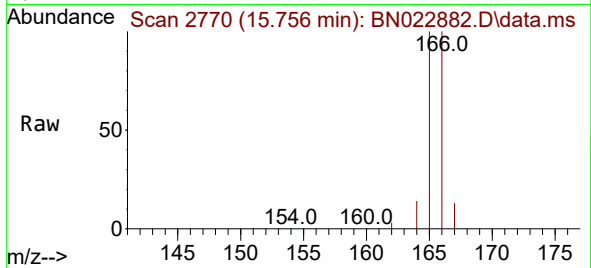




#12
Fluorene
Concen: 0.655 ng/ul
RT: 15.756 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

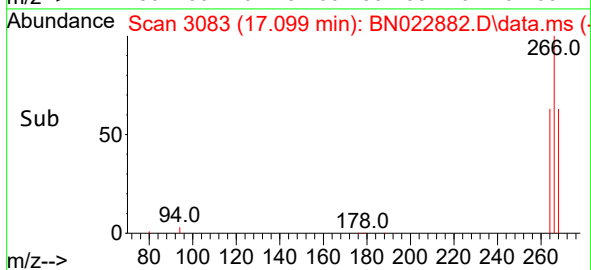
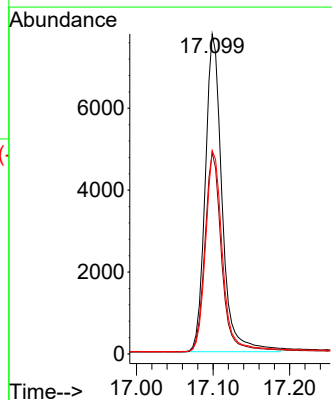
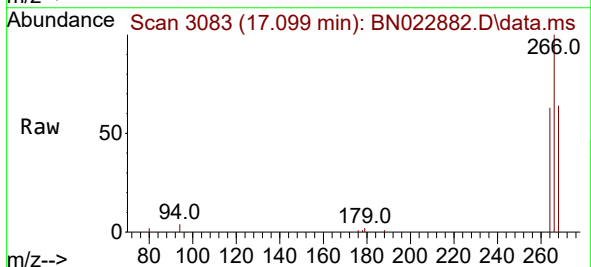
Instrument :
BNA_N
ClientSampleId :
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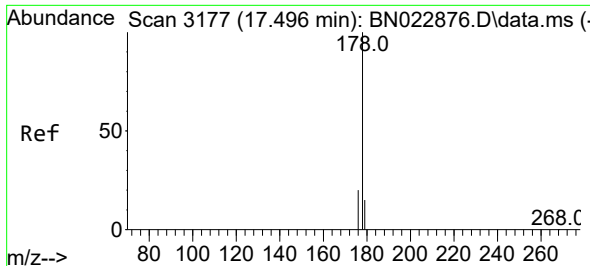
Tgt Ion:166 Resp: 28617
Ion Ratio Lower Upper
166 100
165 99.9 78.7 118.1
167 13.3 10.8 16.2



#14
Pentachlorophenol
Concen: 2.640 ng/ul
RT: 17.099 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:266 Resp: 11853
Ion Ratio Lower Upper
266 100
264 62.6 0.0 0.0#
268 63.8 0.0 0.0#

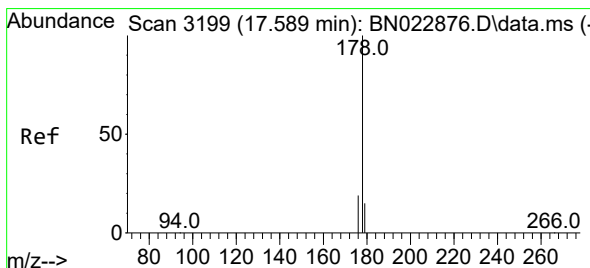
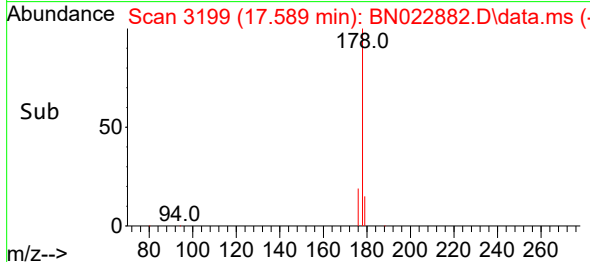
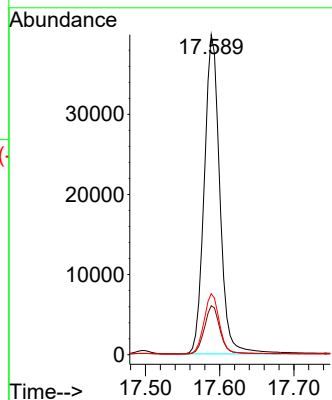
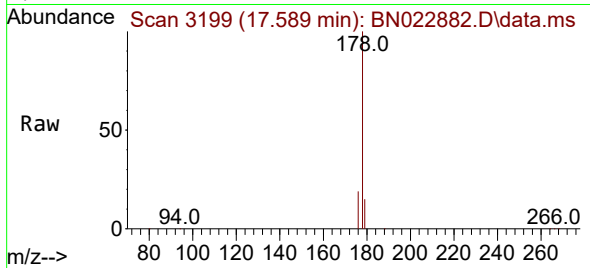




#15
Phenanthrene
Concen: 0.787 ng/ul
RT: 17.589 min Scan# 3177
Delta R.T. 0.093 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

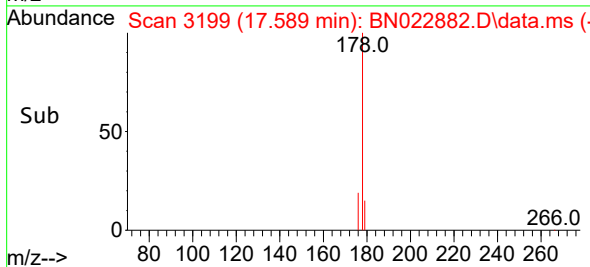
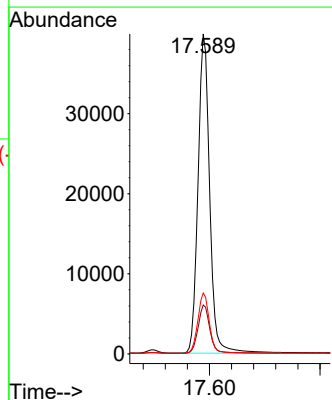
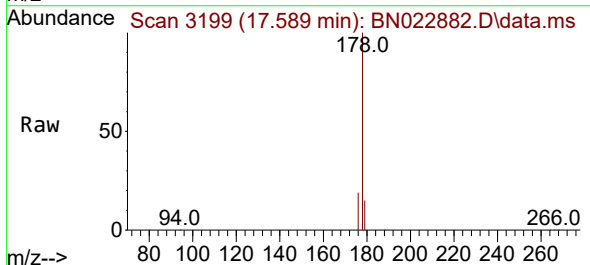
Instrument :
BNA_N
ClientSampleId :
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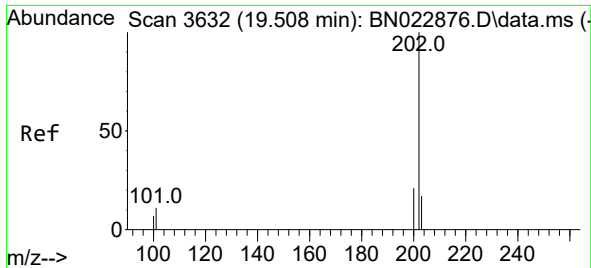
Tgt Ion:178 Resp: 57961
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.1 15.9 23.9



#16
Anthracene
Concen: 0.922 ng/ul
RT: 17.589 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:178 Resp: 58321
Ion Ratio Lower Upper
178 100
179 15.3 12.6 18.8
176 19.1 15.3 22.9

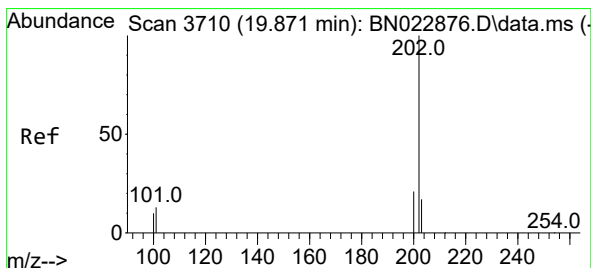
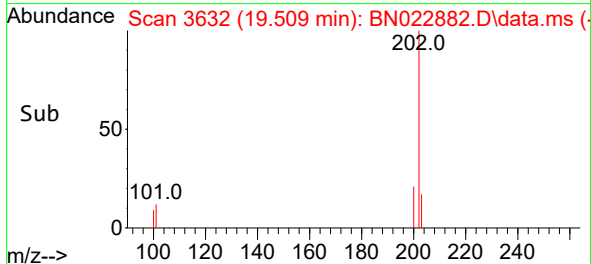
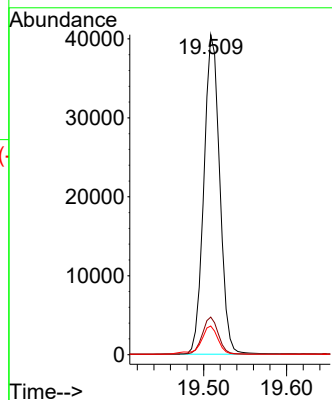
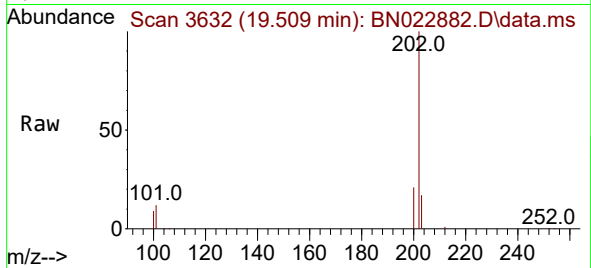




#19
Fluoranthene
Concen: 0.856 ng/ul
RT: 19.509 min Scan# 3632
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

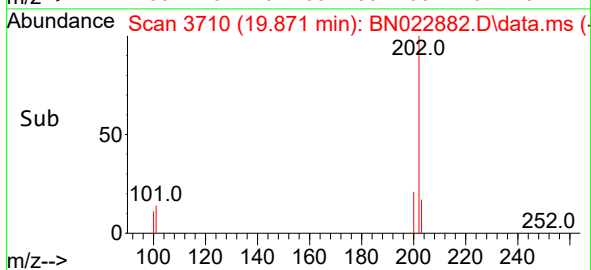
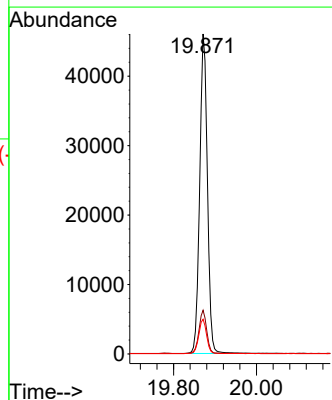
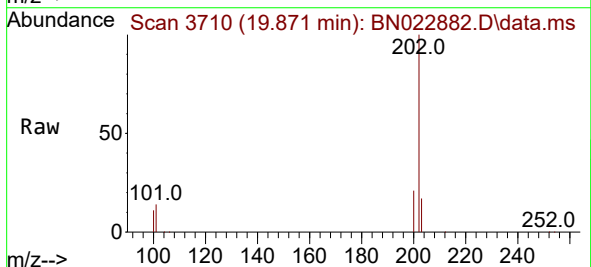
Instrument :
BNA_N
ClientSampleId :
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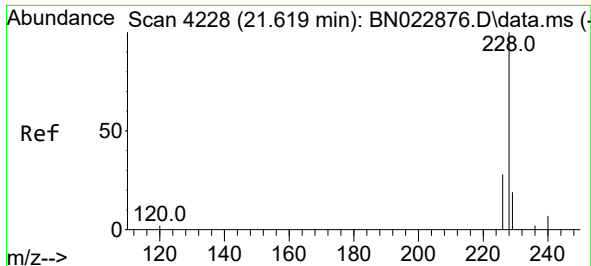
Tgt Ion:202 Resp: 53847
Ion Ratio Lower Upper
202 100
101 11.7 9.2 13.8
100 8.9 6.9 10.3



#20
Pyrene
Concen: 0.964 ng/ul
RT: 19.871 min Scan# 3710
Delta R.T. 0.000 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:202 Resp: 59400
Ion Ratio Lower Upper
202 100
101 13.7 10.6 16.0
100 10.8 8.2 12.4

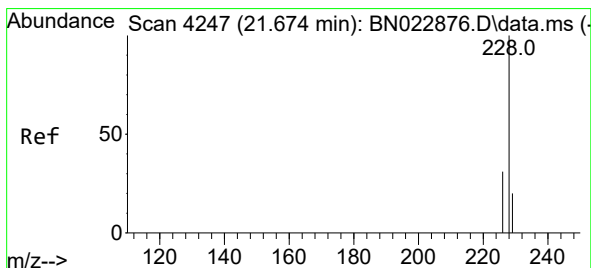
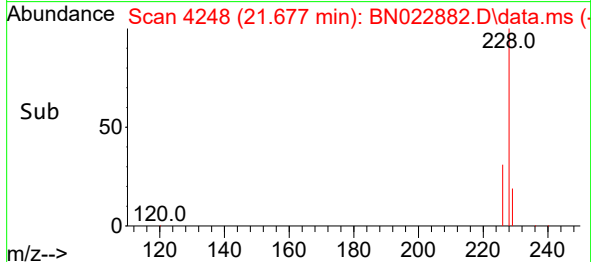
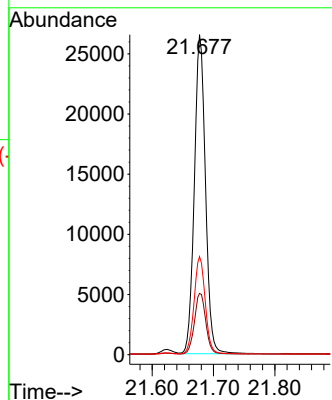
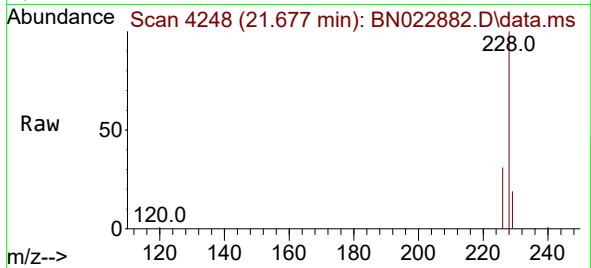




#21
Benzo(a)anthracene
Concen: 0.718 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.059 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

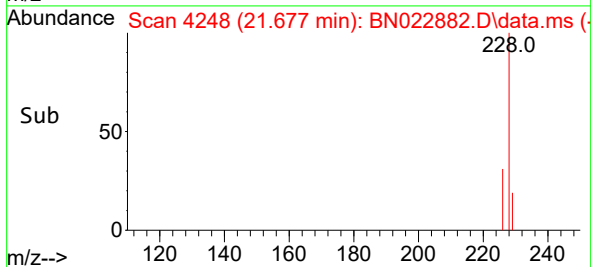
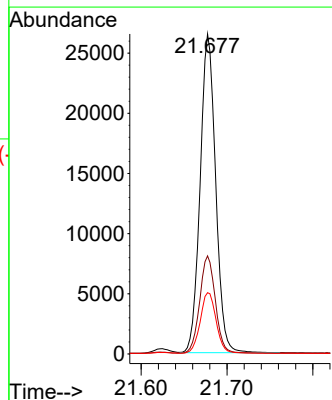
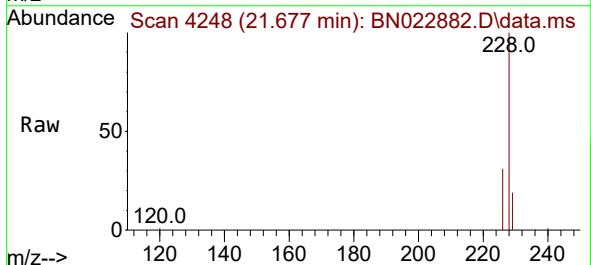
Instrument :
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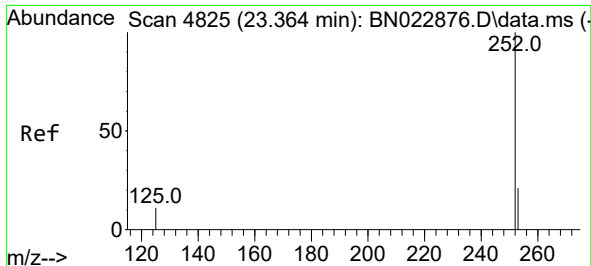
Tgt Ion:228 Resp: 33419
Ion Ratio Lower Upper
228 100
229 19.2 15.5 23.3
226 30.7 22.2 33.4



#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.677 min Scan# 4248
Delta R.T. 0.003 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

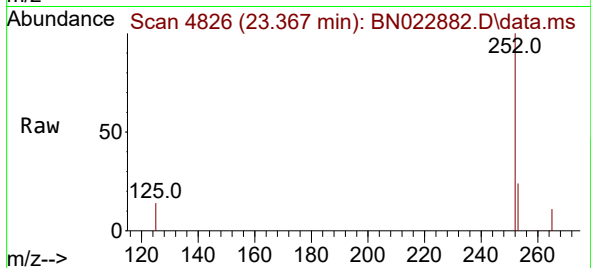
Tgt Ion:228 Resp: 33207
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 19.2 15.8 23.8



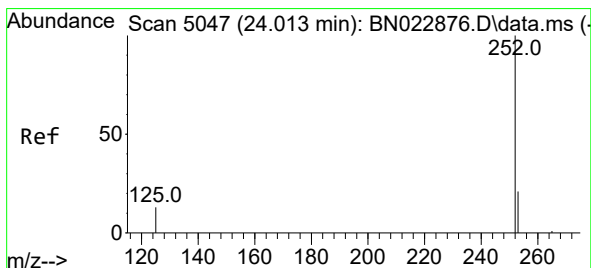
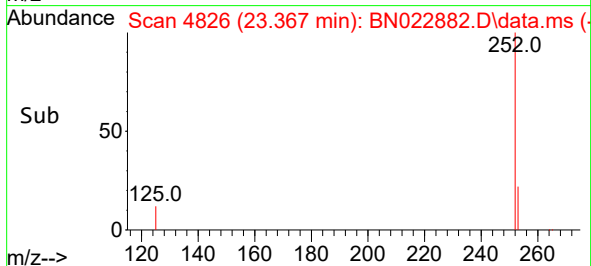
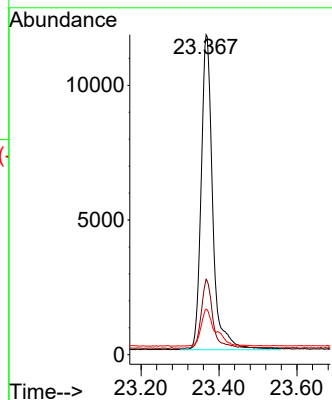


#24
Benzo(b)fluoranthene
Concen: 0.485 ng/ul
RT: 23.367 min Scan# 4825
Delta R.T. 0.003 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Instrument :
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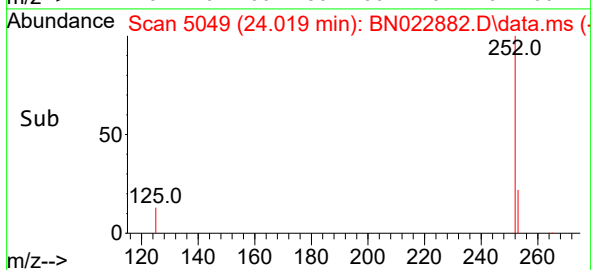
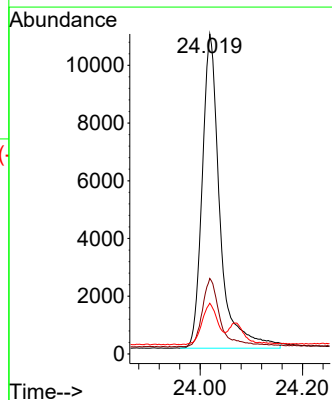
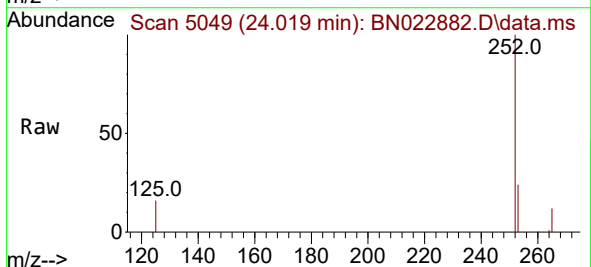


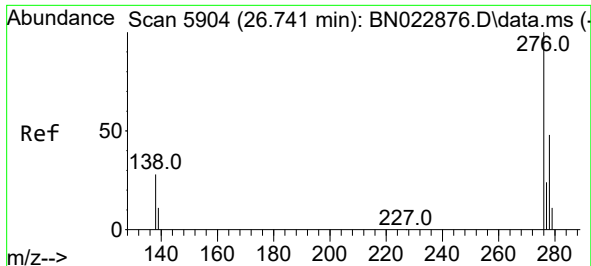
Tgt Ion:252 Resp: 24069
Ion Ratio Lower Upper
252 100
253 23.6 0.0 46.0
125 14.3 0.0 28.6



#26
Benzo(a)pyrene
Concen: 0.691 ng/ul
RT: 24.019 min Scan# 5049
Delta R.T. 0.006 min
Lab File: BN022882.D
Acq: 26 Nov 2022 15:38

Tgt Ion:252 Resp: 26114
Ion Ratio Lower Upper
252 100
253 23.6 19.7 29.5
125 15.9 13.7 20.5

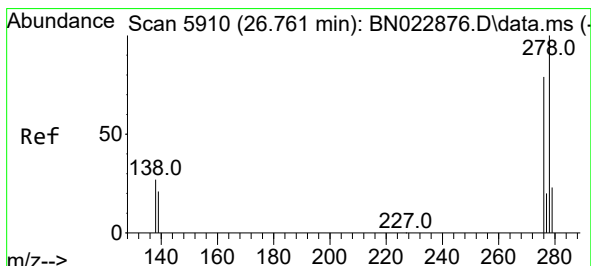
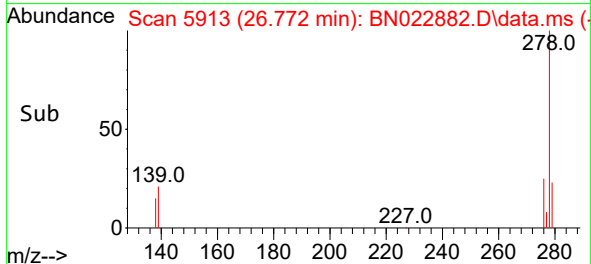
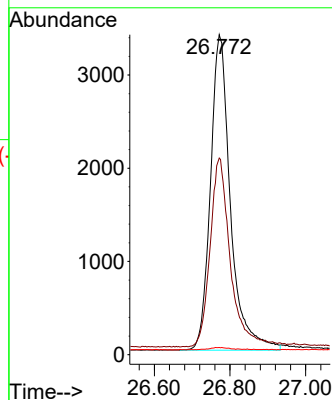
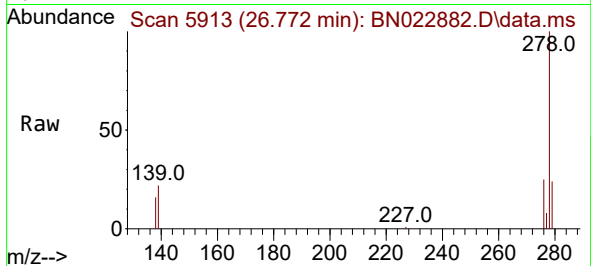




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.277 ng/ul
 RT: 26.772 min Scan# 5913
 Delta R.T. 0.030 min
 Lab File: BN022882.D
 Acq: 26 Nov 2022 15:38

Instrument :
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Tgt Ion:276 Resp: 12422
 Ion Ratio Lower Upper
 276 100
 138 60.4 0.0 0.0#
 227 0.7 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.393 ng/ul
 RT: 26.775 min Scan# 5914
 Delta R.T. 0.014 min
 Lab File: BN022882.D
 Acq: 26 Nov 2022 15:38

Tgt Ion:278 Resp: 49688
 Ion Ratio Lower Upper
 278 100
 139 20.6 18.3 27.5
 279 24.3 20.4 30.6

