

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040324\
 Data File : BN030605.D
 Acq On : 02 Apr 2024 02:42
 Operator : MA/JU
 Sample : PB159927BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS927

Quant Time: Apr 02 03:32:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 02 02:09:33 2024
 Response via : Initial Calibration

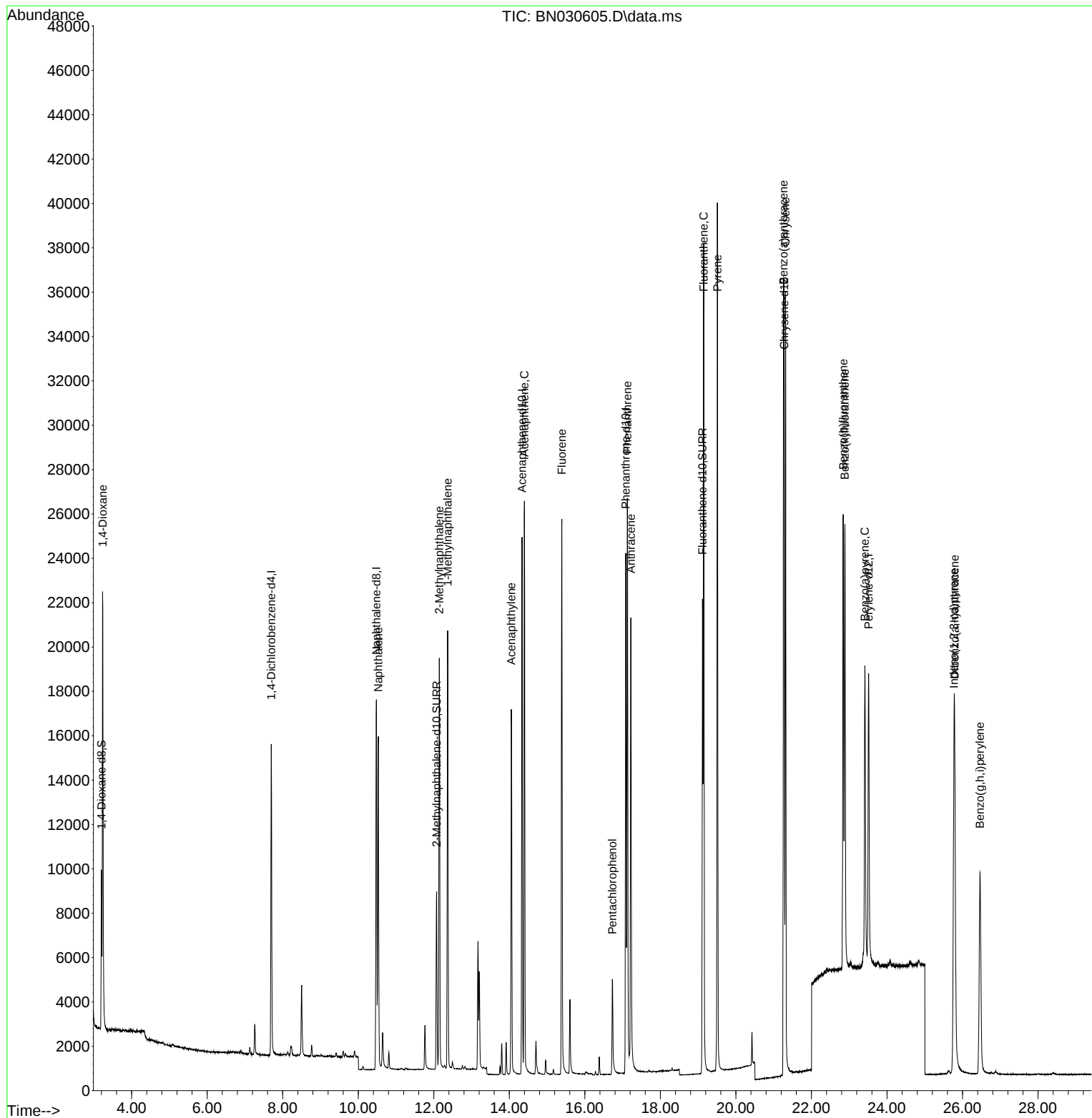
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.696	152	7482	0.400	ng/ul	0.00
4) Naphthalene-d8	10.481	136	23319	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	13195	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.084	188	29237	0.400	ng/ul	0.00
17) Chrysene-d12	21.279	240	23093	0.400	ng/ul	0.00
23) Perylene-d12	23.514	264	17990	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	4924	0.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.076	152	10859	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.115	212	23842	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.232	88	13809	1.662	ng/ul#	84
5) Naphthalene	10.530	128	20455	0.322	ng/ul	100
7) 2-Methylnaphthalene	12.147	142	13282	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.367	142	13699	0.308	ng/ul	100
10) Acenaphthylene	14.054	152	19353	0.325	ng/ul	99
11) Acenaphthene	14.401	153	15105	0.326	ng/ul	97
12) Fluorene	15.391	166	17145	0.314	ng/ul	99
14) Pentachlorophenol	16.729	266	3344	0.626	ng/ul	100
15) Phenanthrene	17.126	178	28995	0.330	ng/ul	99
16) Anthracene	17.219	178	24293	0.329	ng/ul	99
19) Fluoranthene	19.148	202	32513	0.341	ng/ul	99
20) Pyrene	19.510	202	32930	0.351	ng/ul	99
21) Benzo(a)anthracene	21.261	228	27552	0.346	ng/ul	99
22) Chrysene	21.314	228	29941	0.340	ng/ul	100
24) Benzo(b)fluoranthene	22.842	252	25350	0.346	ng/ul	97
25) Benzo(k)fluoranthene	22.886	252	26422	0.342	ng/ul	98
26) Benzo(a)pyrene	23.415	252	21316	0.359	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.774	276	23332	0.347	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.794	278	18673	0.350	ng/ul	99
29) Benzo(g,h,i)perylene	26.464	276	19217	0.336	ng/ul	99

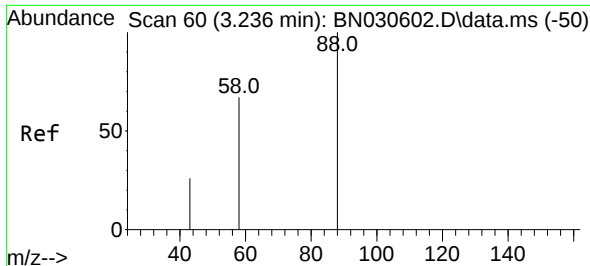
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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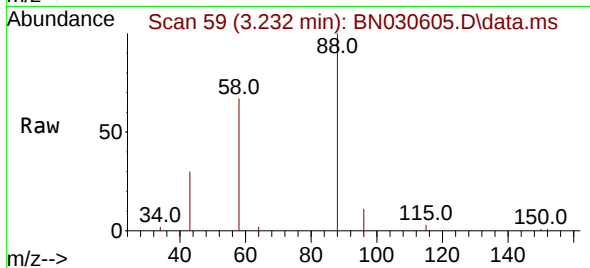
Quant Time: Apr 02 03:32:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 02 02:09:33 2024
Response via : Initial Calibration



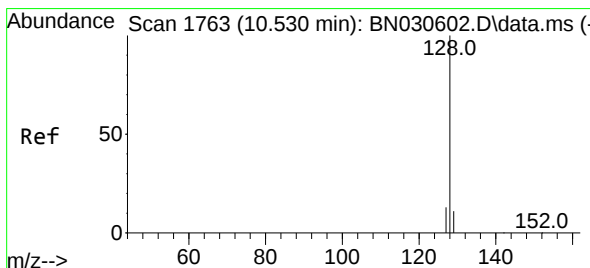
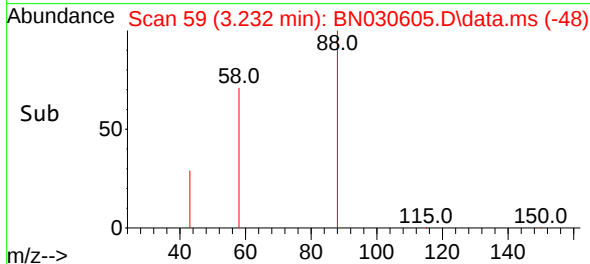
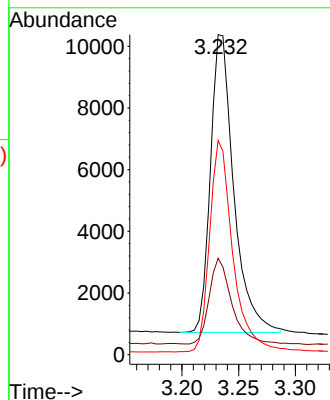


#2
1,4-Dioxane
Concen: 1.662 ng/ul
RT: 3.232 min Scan# 59
Delta R.T. -0.004 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Instrument :
BNA_N
ClientSampleId :
SLCS927

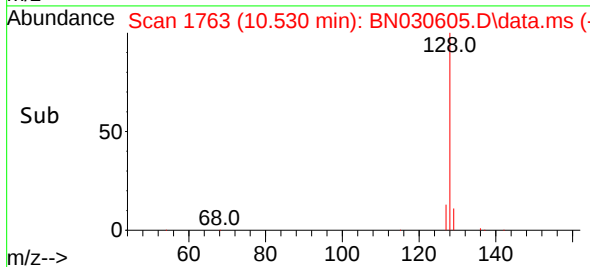
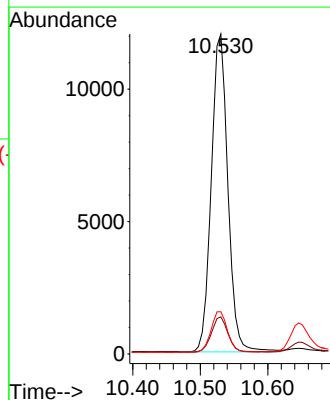
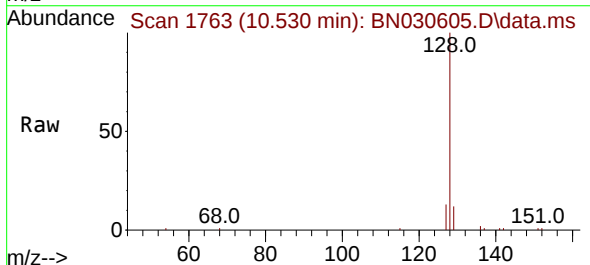


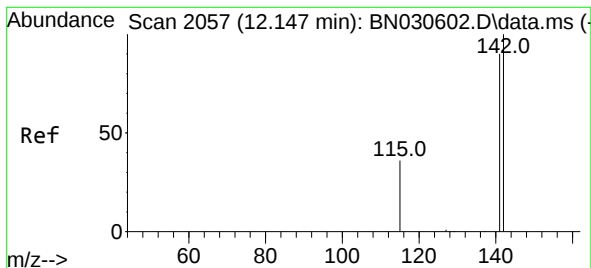
Tgt Ion: 88 Resp: 13809
Ion Ratio Lower Upper
88 100
43 30.1 22.9 34.3
58 66.9 40.3 60.5#



#5
Naphthalene
Concen: 0.322 ng/ul
RT: 10.530 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Tgt Ion:128 Resp: 20455
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.2 10.7 16.1

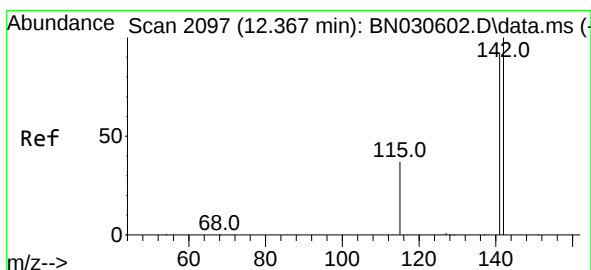
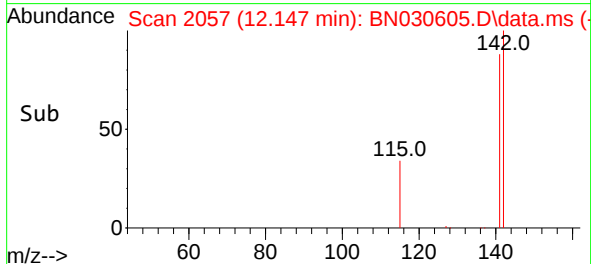
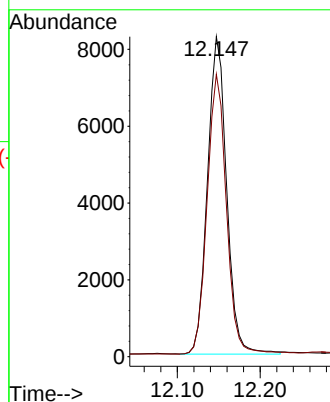
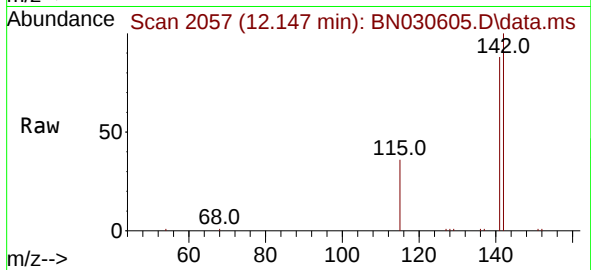




#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.147 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

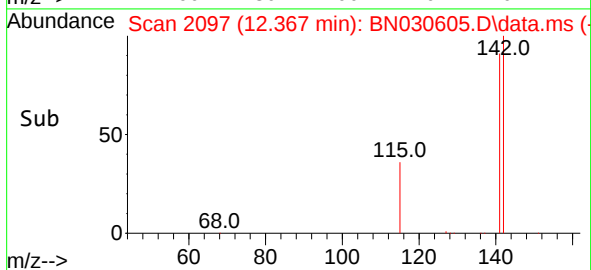
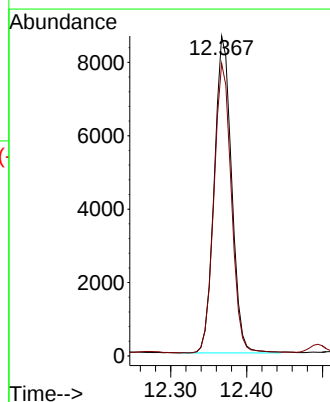
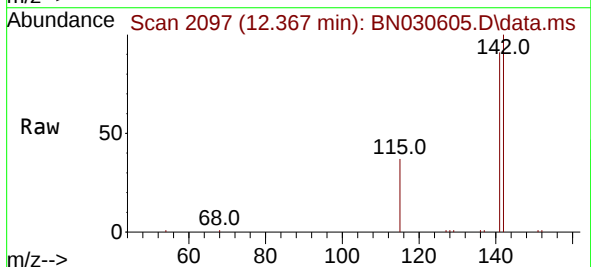
Instrument :
BNA_N
ClientSampleId :
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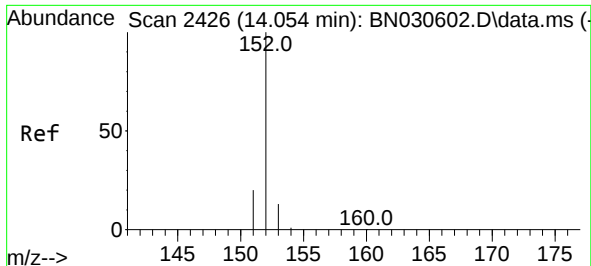
Tgt Ion:142 Resp: 13282
Ion Ratio Lower Upper
142 100
141 88.6 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.367 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Tgt Ion:142 Resp: 13699
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

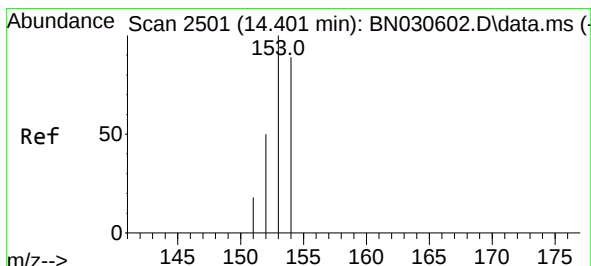
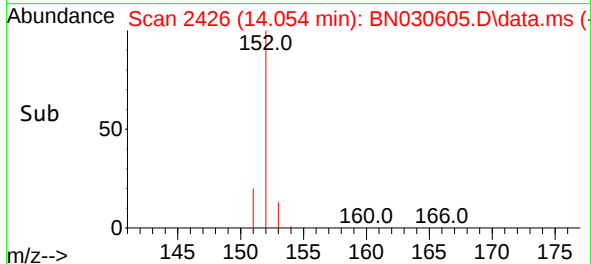
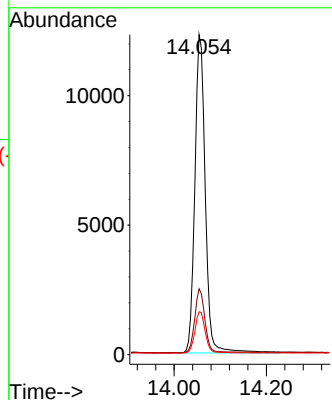
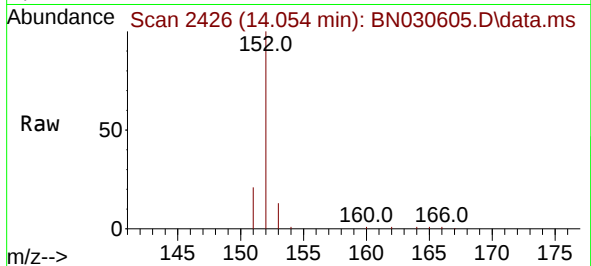




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.054 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

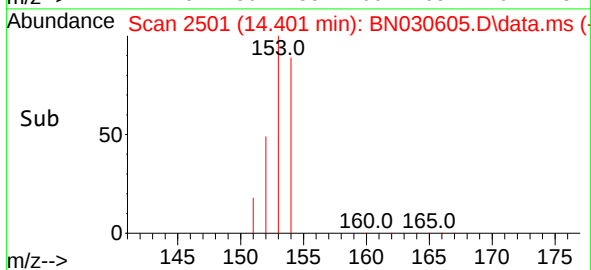
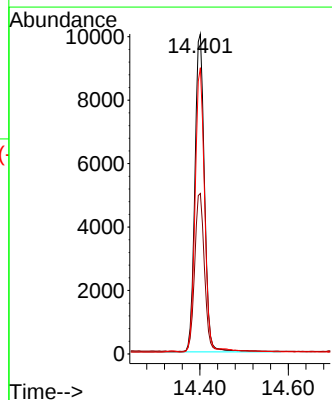
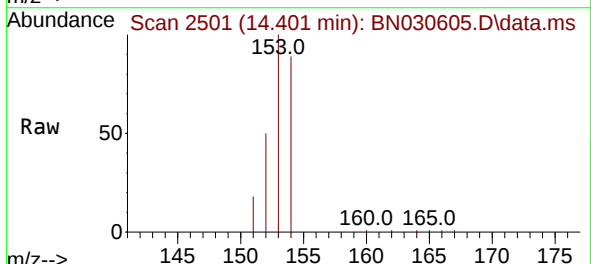
Instrument :
BNA_N
ClientSampleId :
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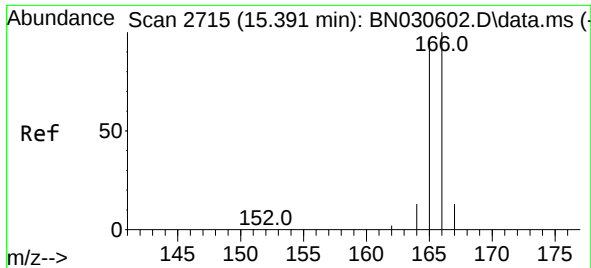
Tgt Ion:152 Resp: 19353
Ion Ratio Lower Upper
152 100
151 20.6 15.8 23.8
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.401 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Tgt Ion:153 Resp: 15105
Ion Ratio Lower Upper
153 100
152 50.2 42.9 64.3
154 89.5 69.8 104.8

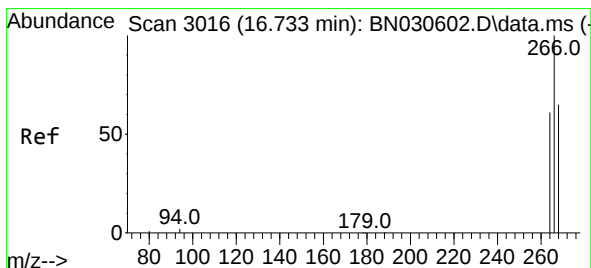
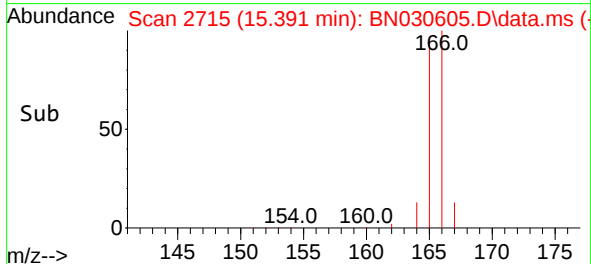
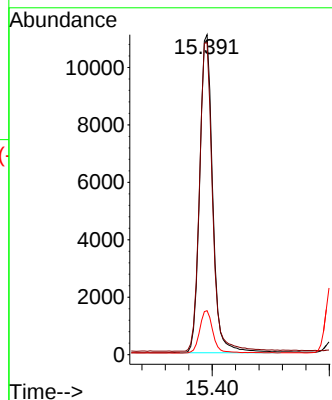
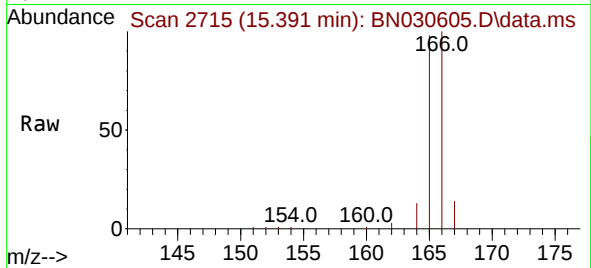




#12
 Fluorene
 Concen: 0.314 ng/ul
 RT: 15.391 min Scan# 2715
 Delta R.T. 0.000 min
 Lab File: BN030605.D
 Acq: 02 Apr 2024 02:42

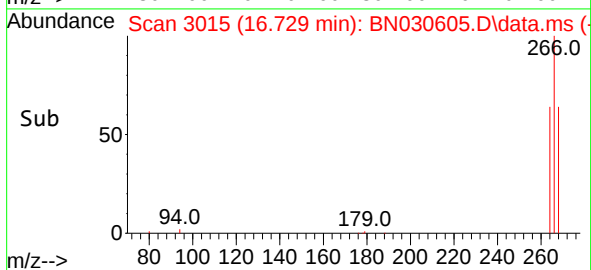
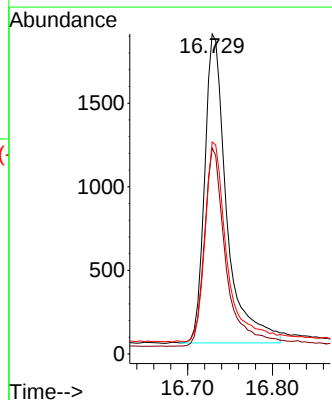
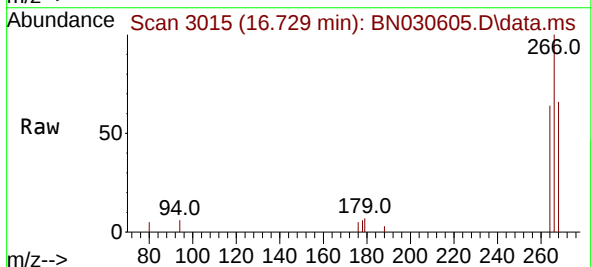
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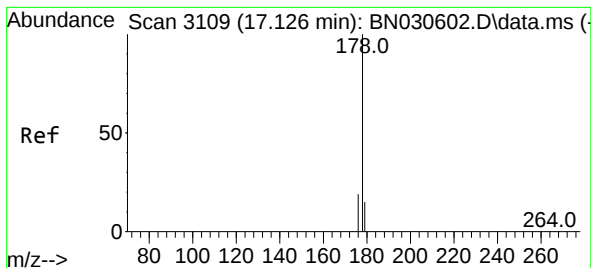
Tgt Ion:166 Resp: 17145
 Ion Ratio Lower Upper
 166 100
 165 97.5 77.5 116.3
 167 13.8 11.0 16.6



#14
 Pentachlorophenol
 Concen: 0.626 ng/ul
 RT: 16.729 min Scan# 3015
 Delta R.T. -0.004 min
 Lab File: BN030605.D
 Acq: 02 Apr 2024 02:42

Tgt Ion:266 Resp: 3344
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.0 75.0
 268 63.9 51.0 76.6





#15

Phenanthrene

Concen: 0.330 ng/u1

RT: 17.126 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BN030605.D

Acq: 02 Apr 2024 02:42

Instrument :

BNA_N

ClientSampleId :

SLCS927

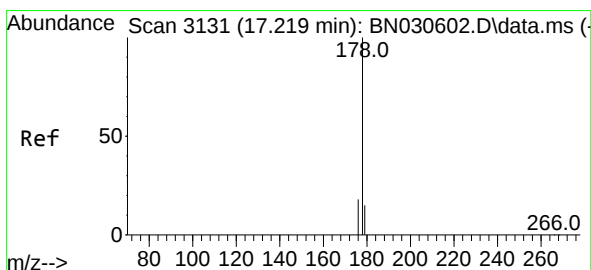
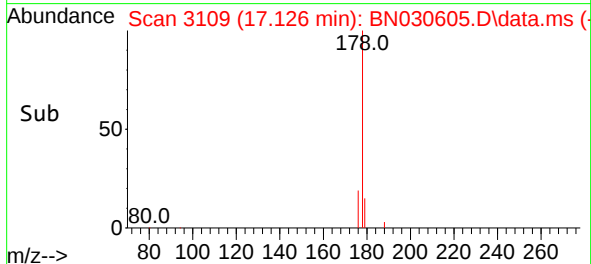
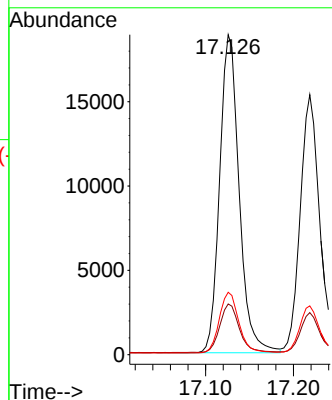
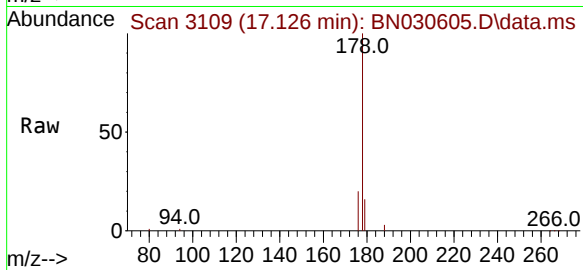
Tgt Ion:178 Resp: 28995

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.5 15.4 23.0



#16

Anthracene

Concen: 0.329 ng/u1

RT: 17.219 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BN030605.D

Acq: 02 Apr 2024 02:42

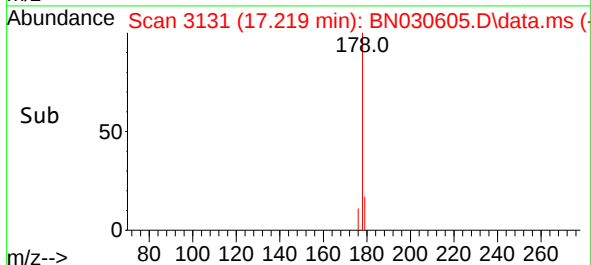
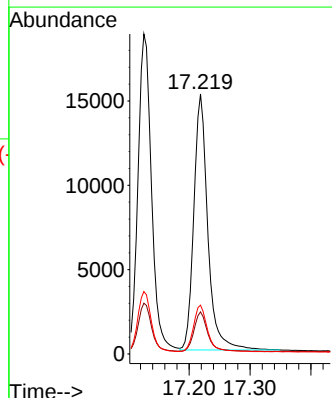
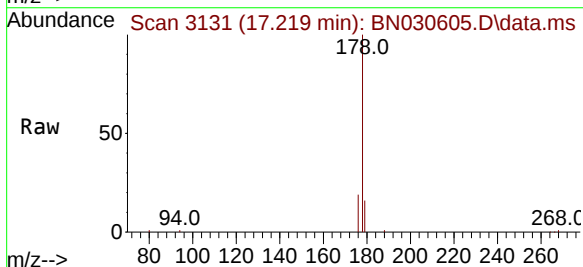
Tgt Ion:178 Resp: 24293

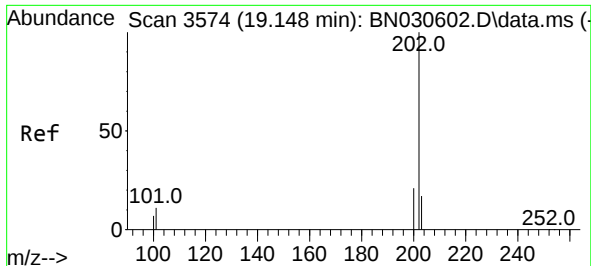
Ion Ratio Lower Upper

178 100

179 16.2 12.5 18.7

176 18.8 15.3 22.9

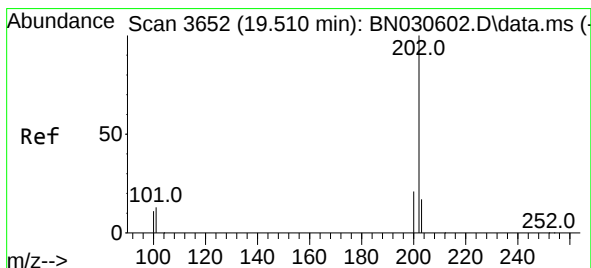
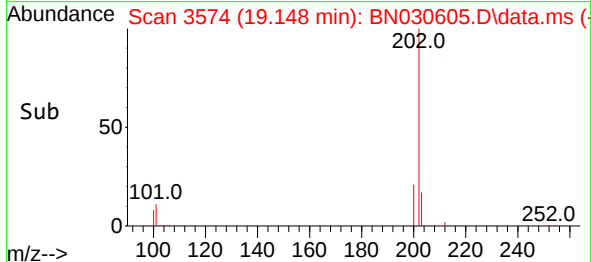
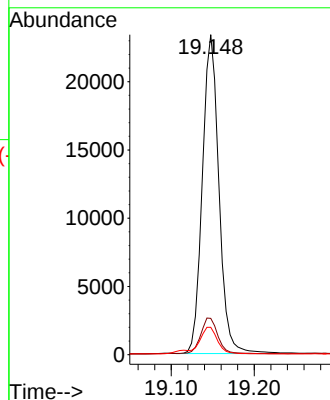
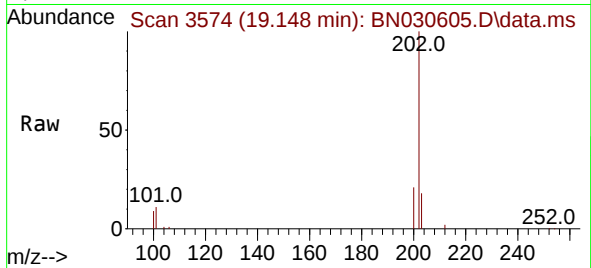




#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.148 min Scan# 3574
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

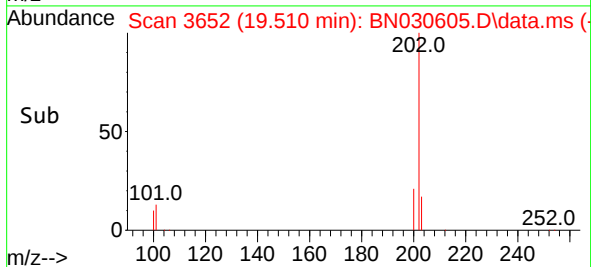
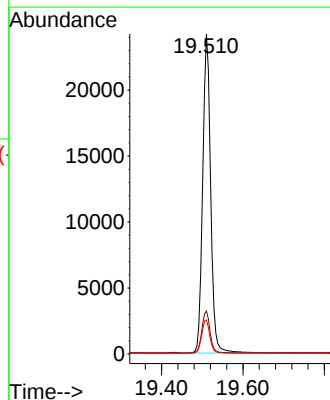
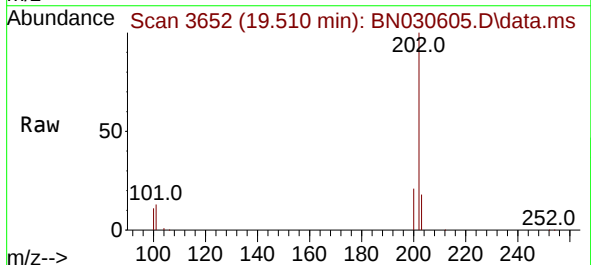
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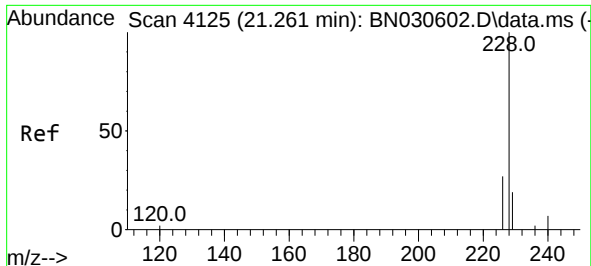
Tgt Ion:202 Resp: 32513
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.6 6.6 9.8



#20
Pyrene
Concen: 0.351 ng/ul
RT: 19.510 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Tgt Ion:202 Resp: 32930
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.7 8.2 12.2

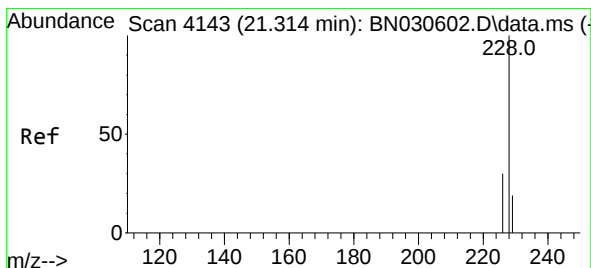
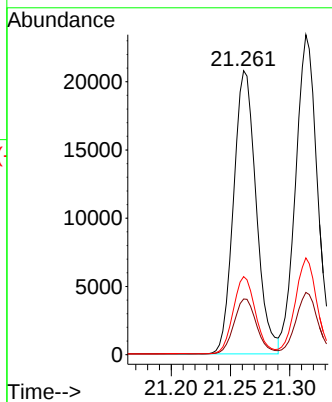
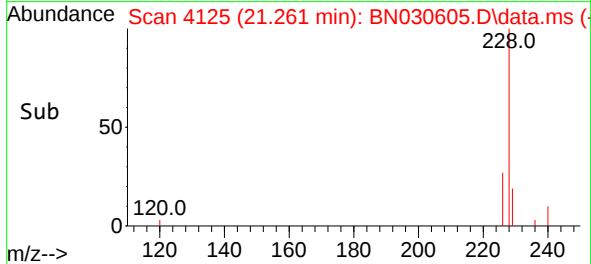
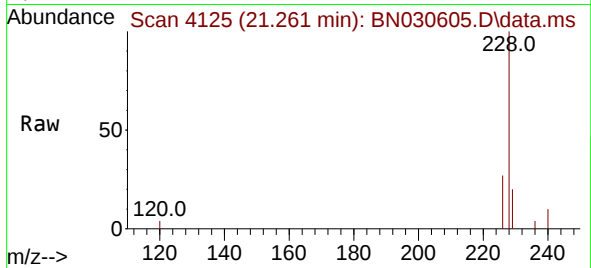




#21
Benzo(a)anthracene
Concen: 0.346 ng/ul
RT: 21.261 min Scan# 4125
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

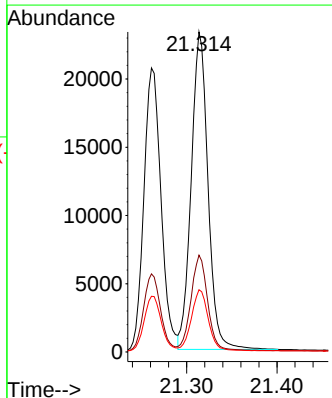
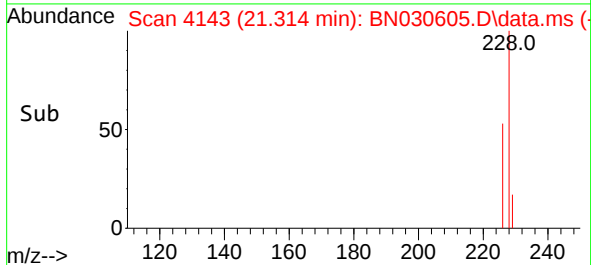
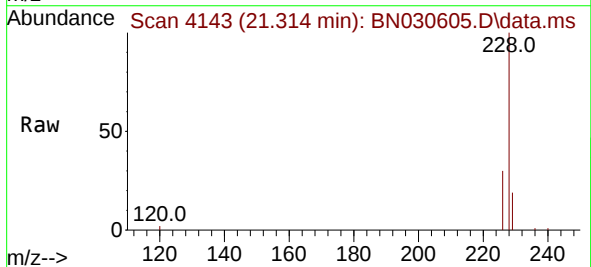
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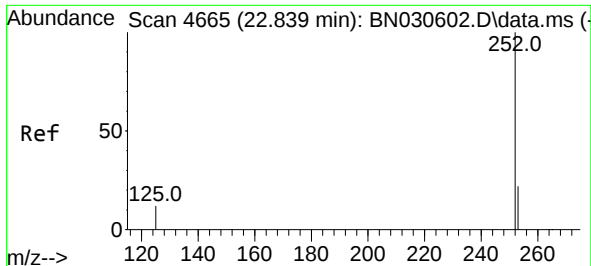
Tgt Ion:228 Resp: 27552
Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.314 min Scan# 4143
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

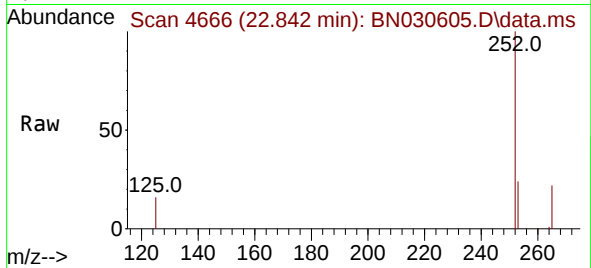
Tgt Ion:228 Resp: 29941
Ion Ratio Lower Upper
228 100
226 30.3 24.1 36.1
229 19.5 15.6 23.4



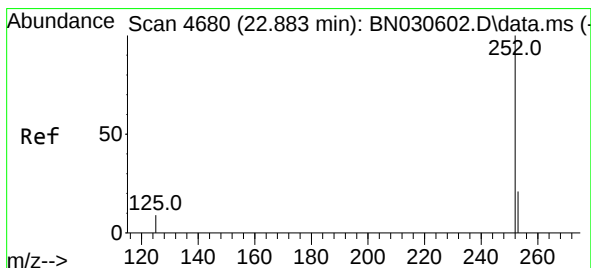
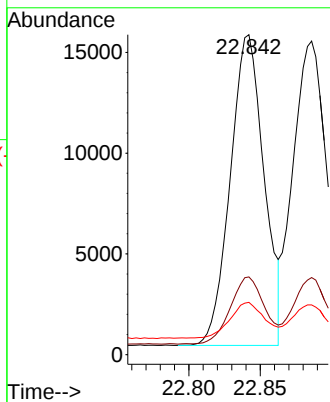
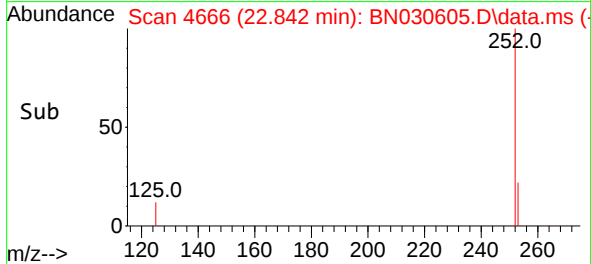


#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.842 min Scan# 4666
Delta R.T. 0.003 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Instrument :
BNA_N
ClientSampleId :
SLCS927

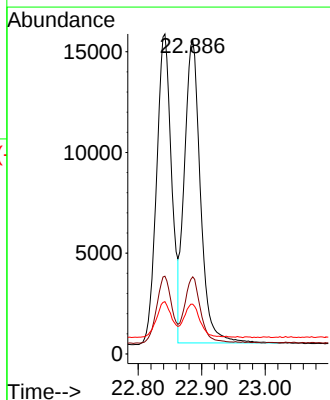
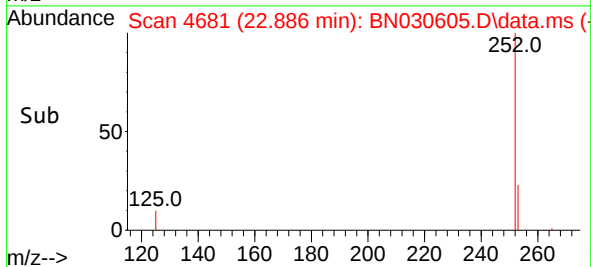
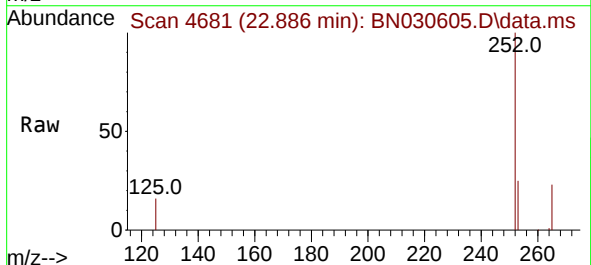


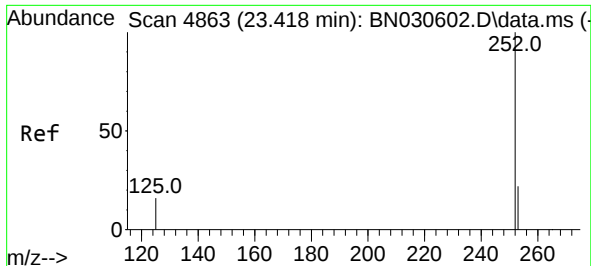
Tgt Ion:252 Resp: 25350
Ion Ratio Lower Upper
252 100
253 24.3 0.0 47.4
125 16.3 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.342 ng/ul
RT: 22.886 min Scan# 4681
Delta R.T. 0.003 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

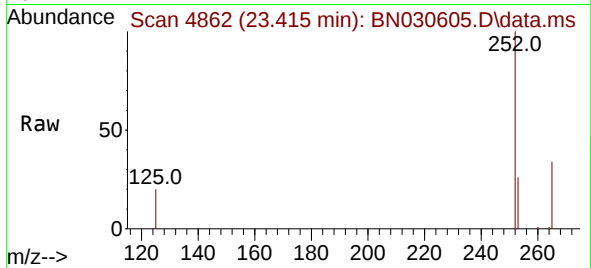
Tgt Ion:252 Resp: 26422
Ion Ratio Lower Upper
252 100
253 24.6 19.0 28.4
125 15.9 11.6 17.4



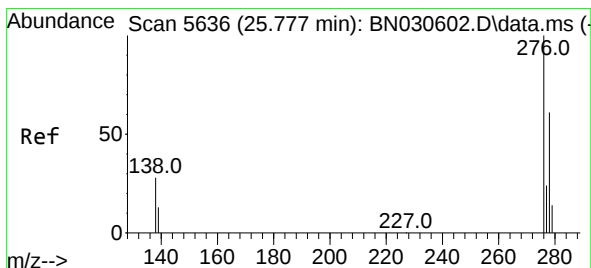
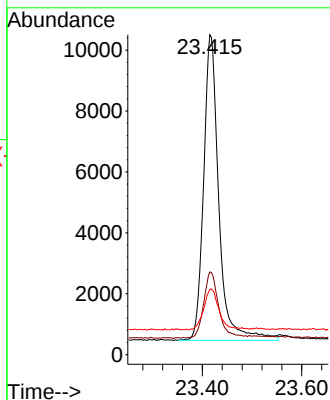
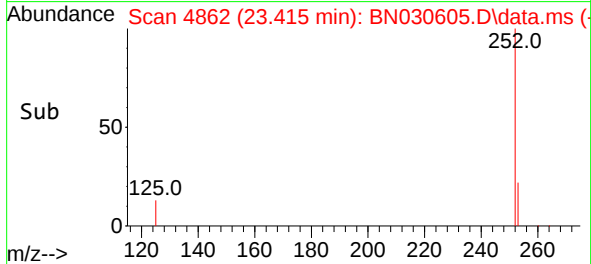


#26
Benzo(a)pyrene
Concen: 0.359 ng/ul
RT: 23.415 min Scan# 4862
Delta R.T. -0.003 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Instrument :
BNA_N
ClientSampleId :
SLCS927

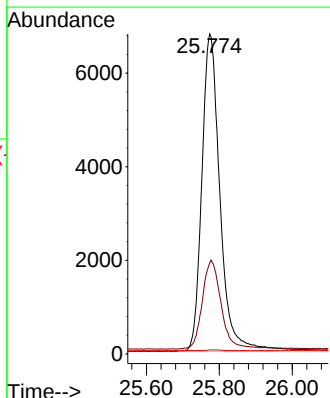
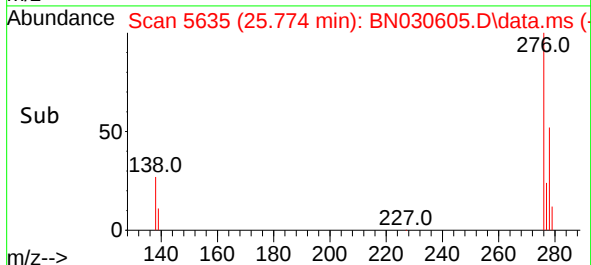
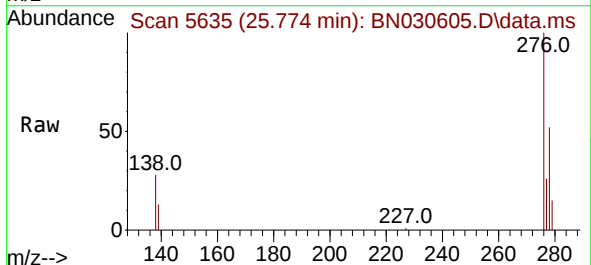


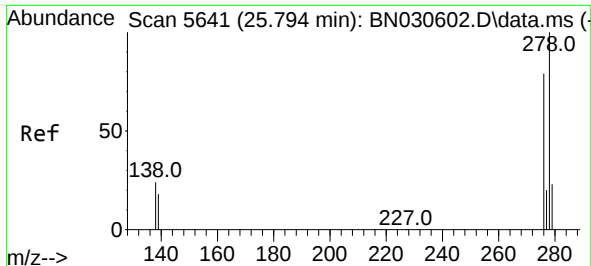
Tgt Ion:252 Resp: 21316
Ion Ratio Lower Upper
252 100
253 25.9 19.6 29.4
125 20.4 14.3 21.5



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 25.774 min Scan# 5635
Delta R.T. -0.003 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Tgt Ion:276 Resp: 23332
Ion Ratio Lower Upper
276 100
138 29.3 23.3 34.9
227 0.2 0.1 0.1#

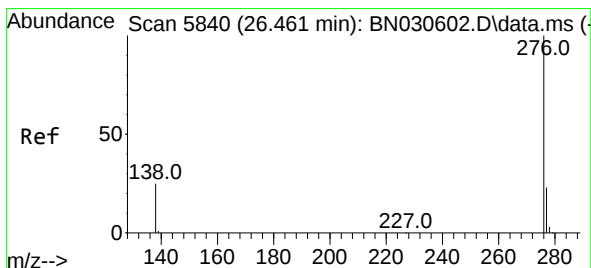
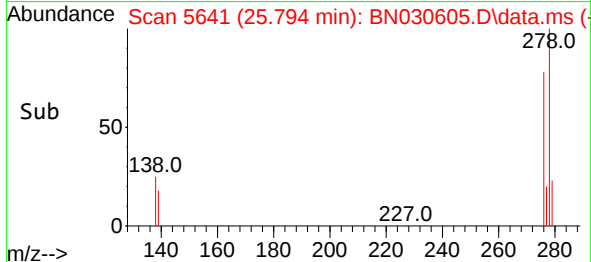
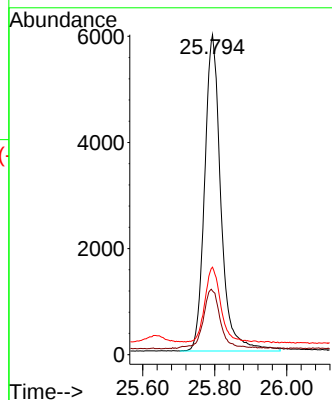
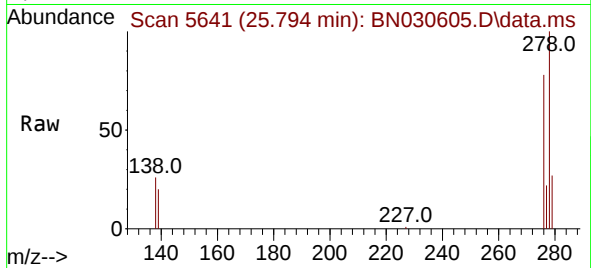




#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.794 min Scan# 5641
Delta R.T. 0.000 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Instrument :
BNA_N
ClientSampleId :
SLCS927

Tgt Ion:278 Resp: 18673
Ion Ratio Lower Upper
278 100
139 19.9 16.5 24.7
279 27.4 21.6 32.4



#29
Benzo(g,h,i)perylene
Concen: 0.336 ng/ul
RT: 26.464 min Scan# 5841
Delta R.T. 0.003 min
Lab File: BN030605.D
Acq: 02 Apr 2024 02:42

Tgt Ion:276 Resp: 19217
Ion Ratio Lower Upper
276 100
138 26.0 21.1 31.7
277 24.4 19.8 29.8

