

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
 Data File : BN021228.D
 Acq On : 15 Aug 2022 09:54
 Operator : CG/JU
 Sample : PB146937BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS937

Quant Time: Aug 15 11:56:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

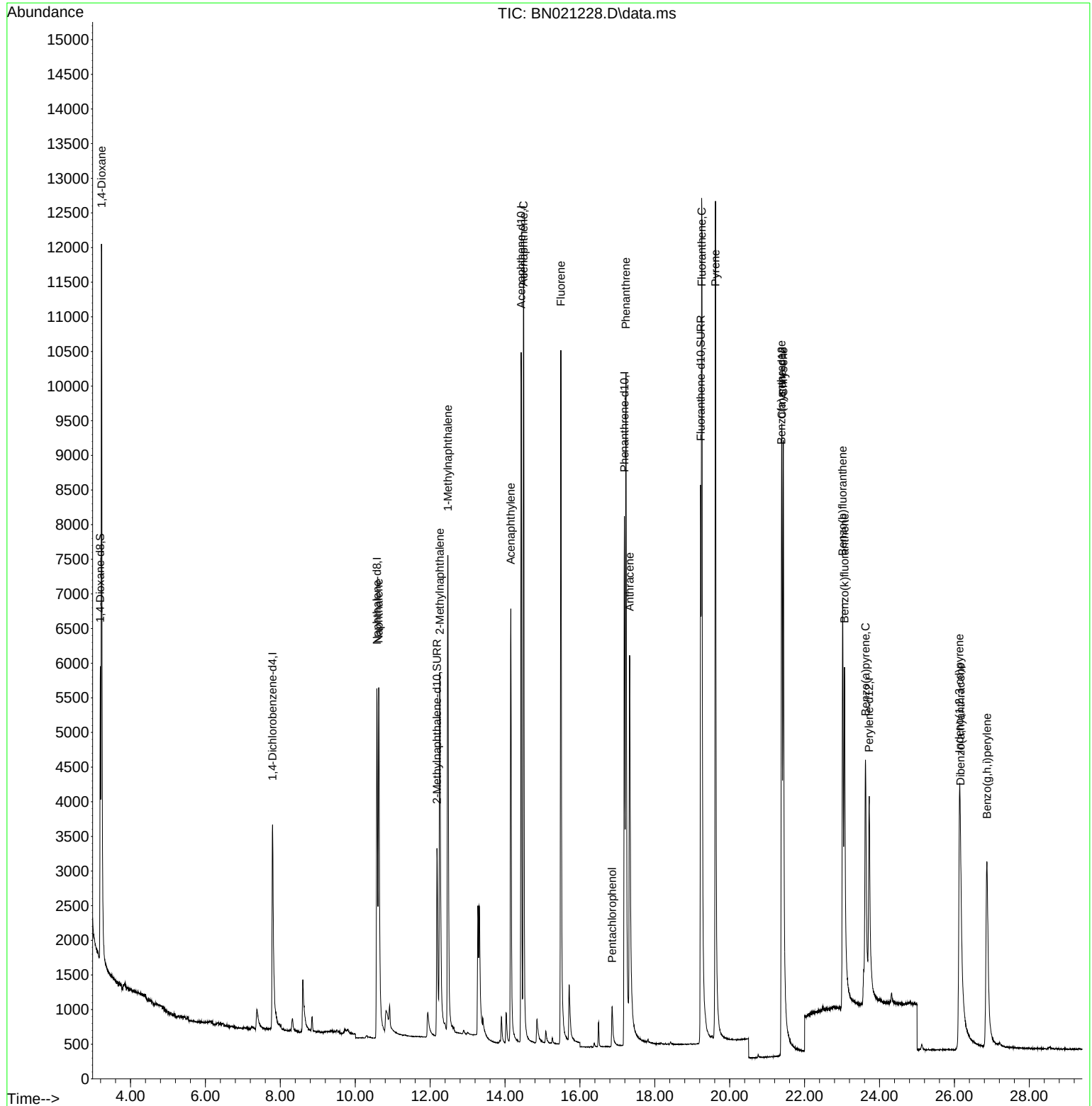
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	2716	0.400	ng/ul	0.00
4) Naphthalene-d8	10.579	136	8916	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.432	164	6088	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	10837	0.400	ng/ul	0.00
17) Chrysene-d12	21.396	240	6667	0.400	ng/ul	0.00
23) Perylene-d12	23.725	264	4912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	2816	0.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.184	152	4826	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	10676	0.519	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.228	88	7001	1.956	ng/ul	86
5) Naphthalene	10.628	128	8964	0.327	ng/ul	99
7) 2-Methylnaphthalene	12.261	142	5432	0.327	ng/ul	99
8) 1-Methylnaphthalene	12.476	142	6067	0.365	ng/ul	100
10) Acenaphthylene	14.155	152	9098	0.320	ng/ul	99
11) Acenaphthene	14.497	153	7667	0.326	ng/ul	100
12) Fluorene	15.492	166	8120	0.316	ng/ul	99
14) Pentachlorophenol	16.862	266	660	0.395	ng/ul	99
15) Phenanthrene	17.230	178	12659	0.327	ng/ul	99
16) Anthracene	17.327	178	9649	0.321	ng/ul	99
19) Fluoranthene	19.257	202	13425	0.455	ng/ul	98
20) Pyrene	19.620	202	13929	0.457	ng/ul	96
21) Benzo(a)anthracene	21.384	228	7013	0.322	ng/ul	99
22) Chrysene	21.433	228	9847	0.344	ng/ul	99
24) Benzo(b)fluoranthene	23.018	252	8300	0.365	ng/ul	97
25) Benzo(k)fluoranthene	23.067	252	8731	0.364	ng/ul	97
26) Benzo(a)pyrene	23.626	252	7536	0.363	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.136	276	7812	0.315	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.163	278	5753	0.294	ng/ul	95
29) Benzo(g,h,i)perylene	26.870	276	7823	0.354	ng/ul	97

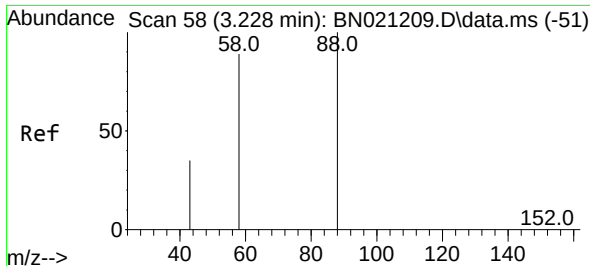
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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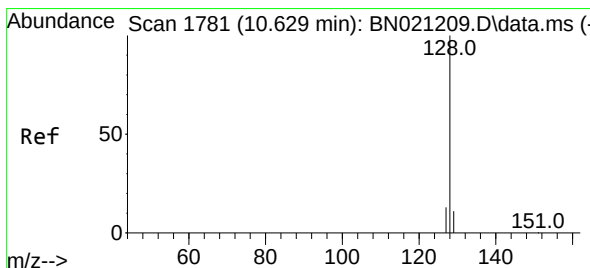
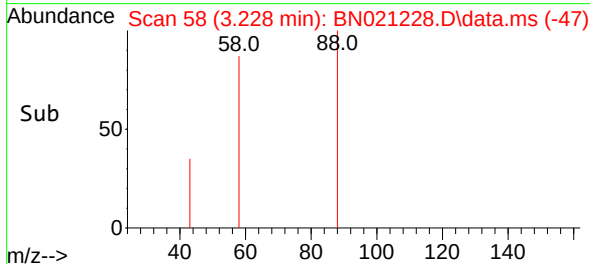
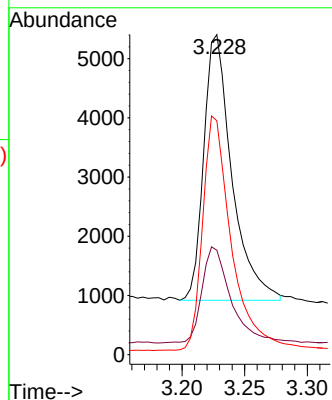
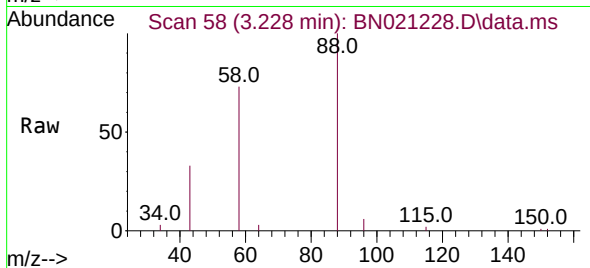




#2
 1,4-Dioxane
 Concen: 1.956 ng/ul
 RT: 3.228 min Scan# 58
 Delta R.T. -0.004 min
 Lab File: BN021228.D
 Acq: 15 Aug 2022 09:54

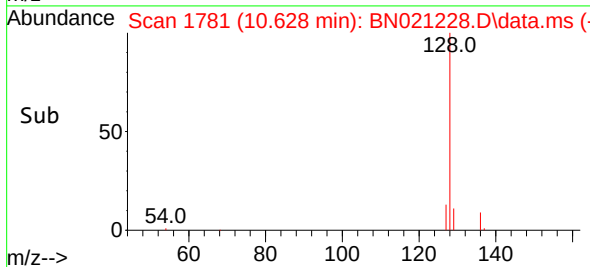
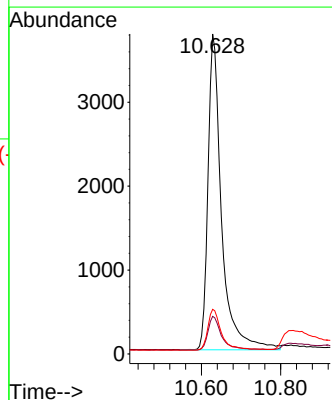
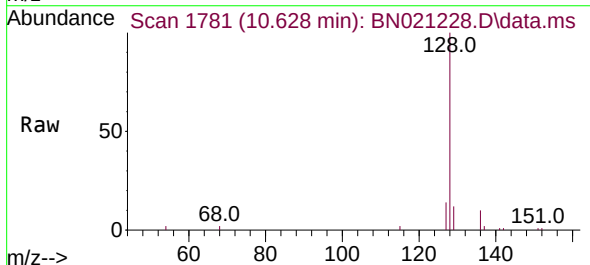
Instrument :
 BNA_N
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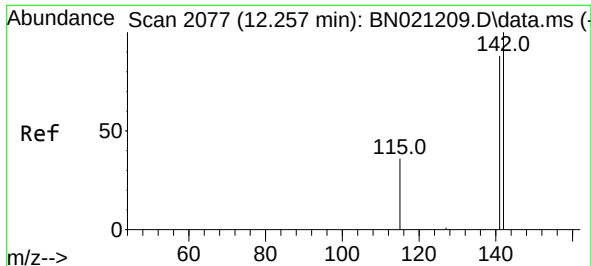
Tgt Ion: 88 Resp: 7001
 Ion Ratio Lower Upper
 88 100
 43 32.7 31.4 47.0
 58 73.1 49.0 73.6



#5
 Naphthalene
 Concen: 0.327 ng/ul
 RT: 10.628 min Scan# 1781
 Delta R.T. -0.001 min
 Lab File: BN021228.D
 Acq: 15 Aug 2022 09:54

Tgt Ion: 128 Resp: 8964
 Ion Ratio Lower Upper
 128 100
 129 11.7 9.8 14.6
 127 14.0 11.6 17.4

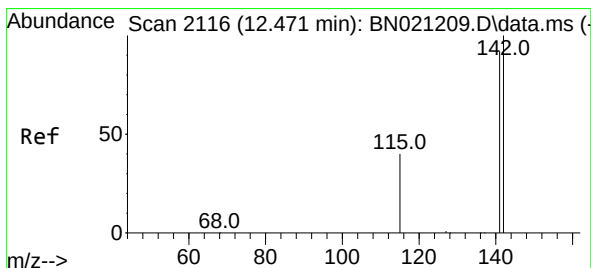
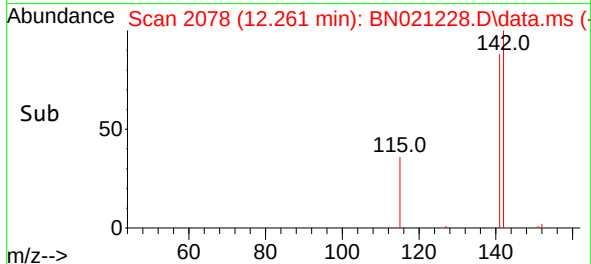
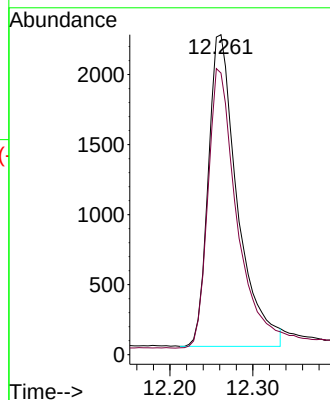
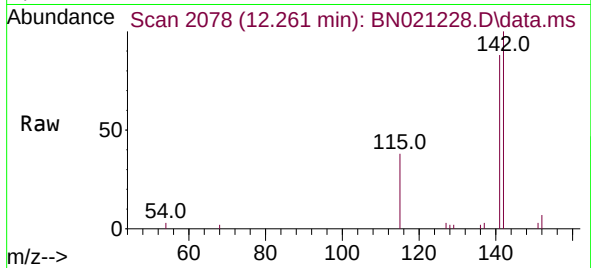




#7
2-Methylnaphthalene
Concen: 0.327 ng/ul
RT: 12.261 min Scan# 2077
Delta R.T. 0.005 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

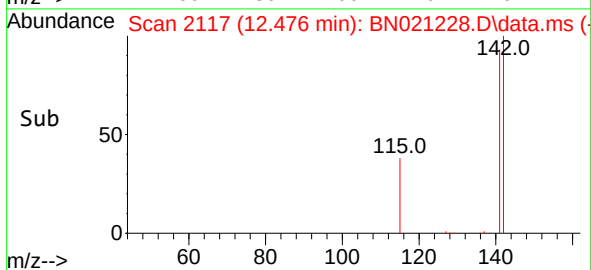
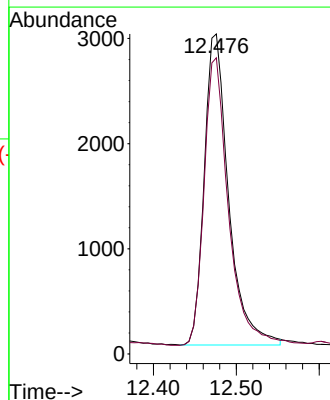
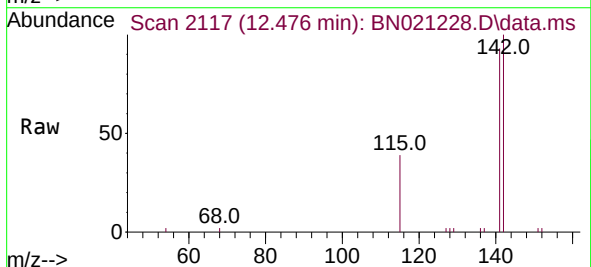
Instrument :
BNA_N
ClientSampleId :
SLCS937

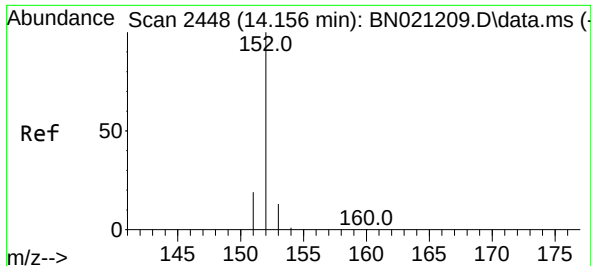
Tgt Ion:142 Resp: 5432
Ion Ratio Lower Upper
142 100
141 89.6 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.476 min Scan# 2117
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:142 Resp: 6067
Ion Ratio Lower Upper
142 100
141 92.2 73.9 110.9

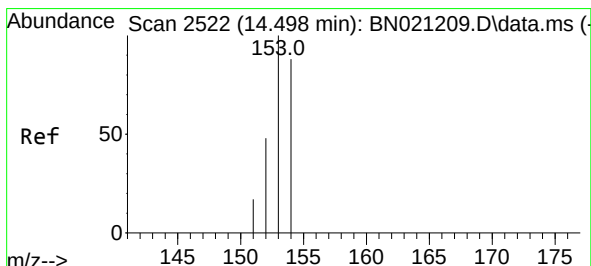
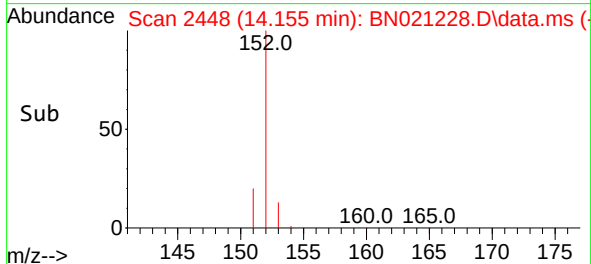
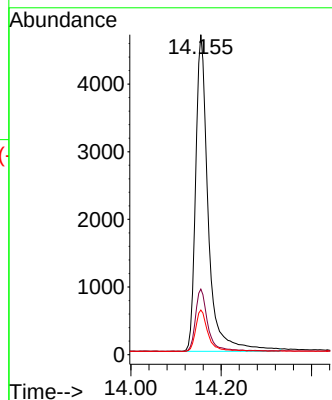
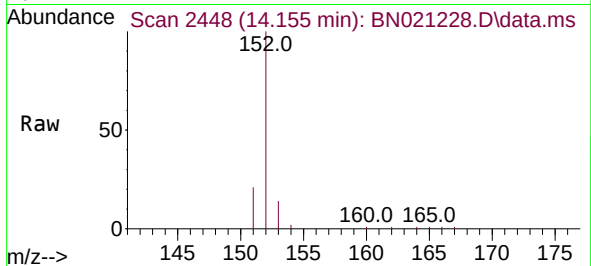




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

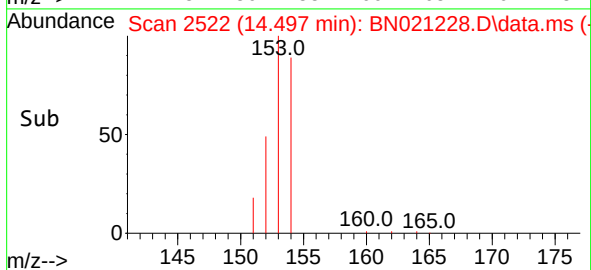
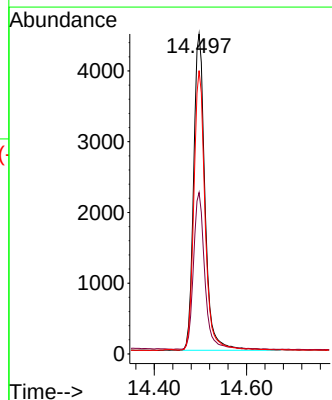
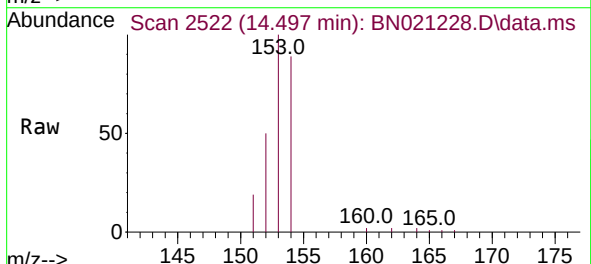
Instrument :
BNA_N
ClientSampleId :
SLCS937

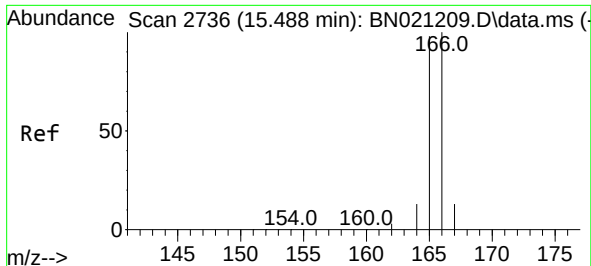
Tgt Ion:152 Resp: 9098
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.497 min Scan# 2522
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:153 Resp: 7667
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 88.6 70.7 106.1

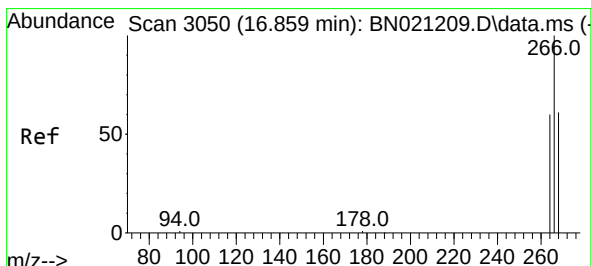
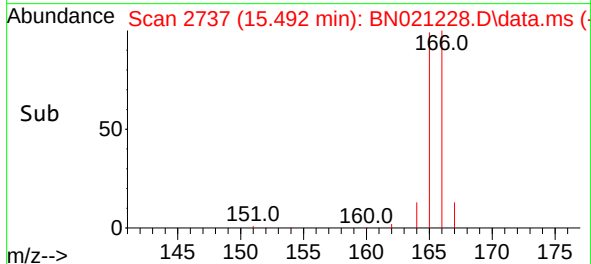
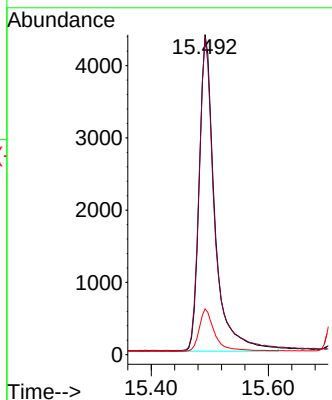
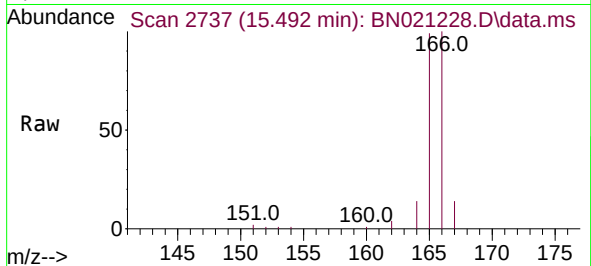




#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.492 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

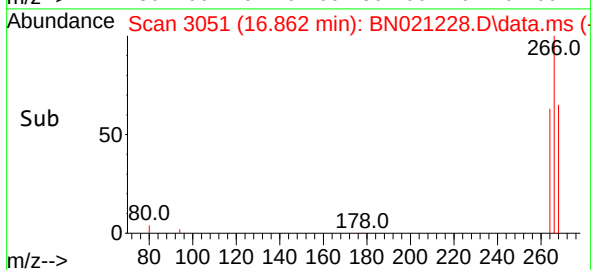
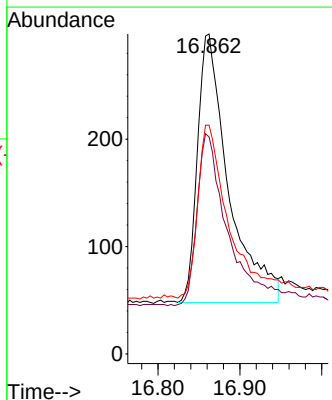
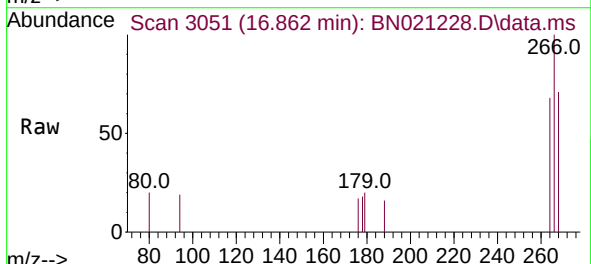
Instrument :
BNA_N
ClientSampleId :
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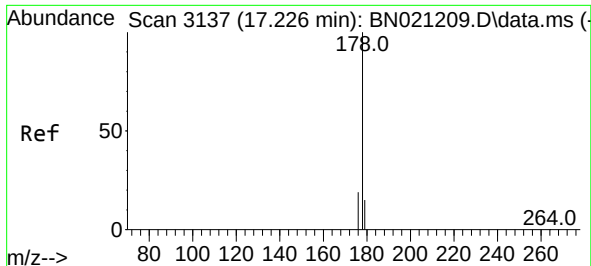
Tgt Ion:166 Resp: 8120
Ion Ratio Lower Upper
166 100
165 99.1 78.6 117.8
167 14.3 11.8 17.6



#14
Pentachlorophenol
Concen: 0.395 ng/ul
RT: 16.862 min Scan# 3051
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:266 Resp: 660
Ion Ratio Lower Upper
266 100
264 62.7 49.8 74.8
268 63.6 50.6 75.8

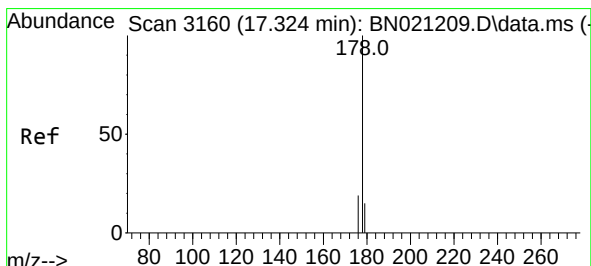
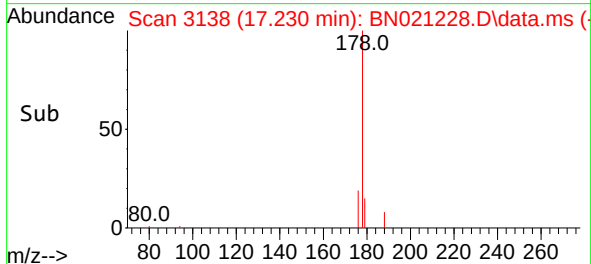
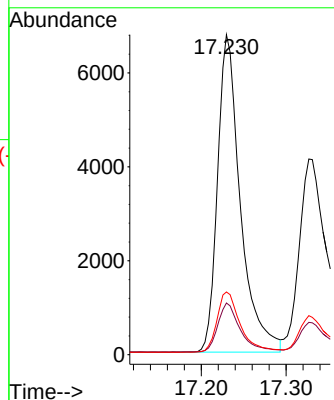
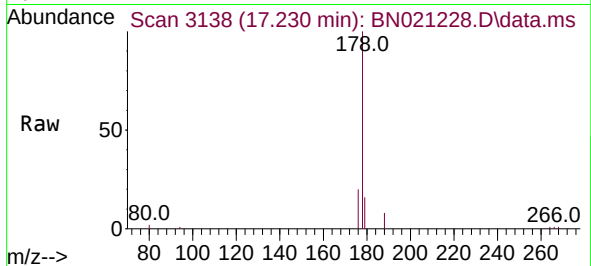




#15
Phenanthrene
Concen: 0.327 ng/ul
RT: 17.230 min Scan# 3137
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

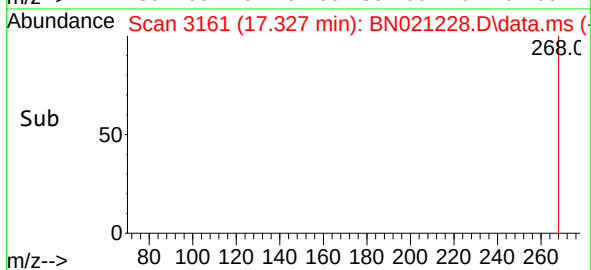
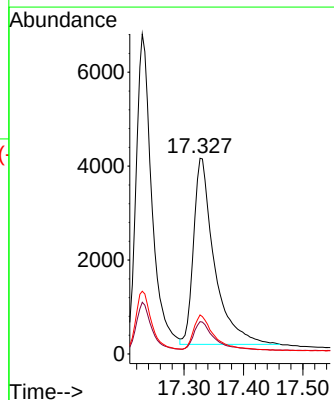
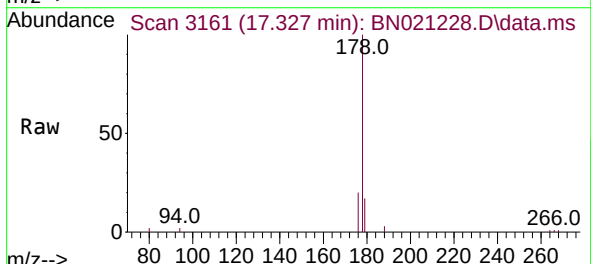
Instrument :
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ClientSampleId :
SLCS937

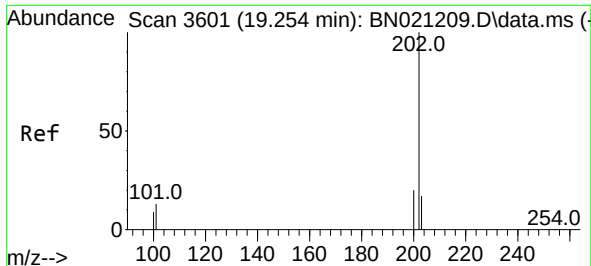
Tgt Ion:178 Resp: 12659
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.6 15.9 23.9



#16
Anthracene
Concen: 0.321 ng/ul
RT: 17.327 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:178 Resp: 9649
Ion Ratio Lower Upper
178 100
179 16.5 12.9 19.3
176 19.9 15.9 23.9

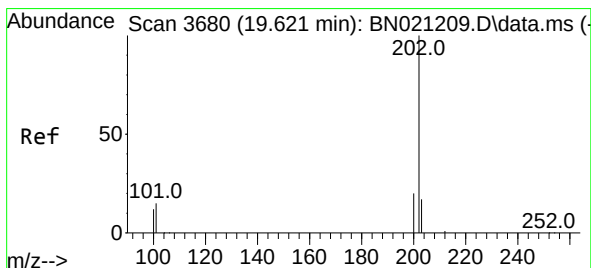
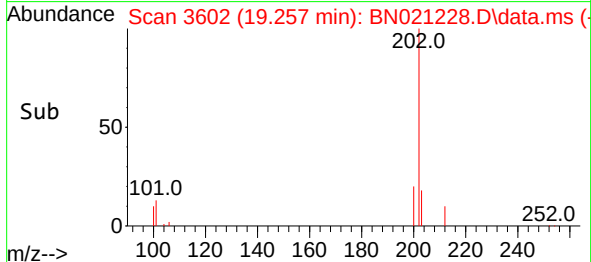
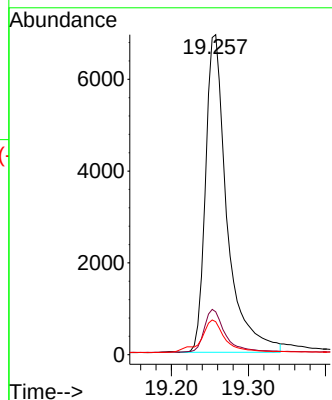
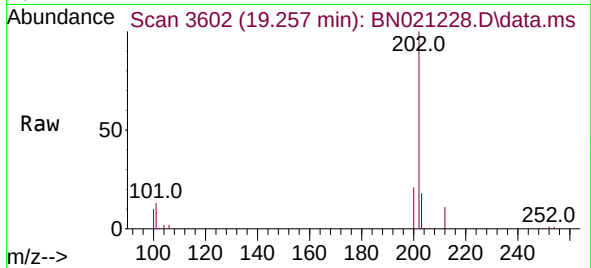




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.257 min Scan# 3602
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

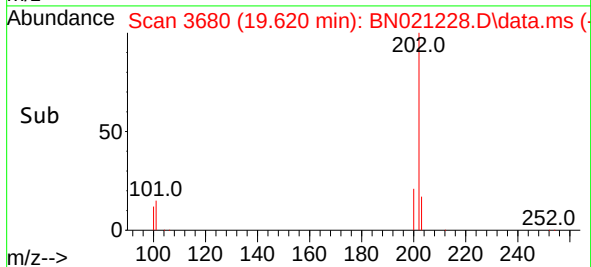
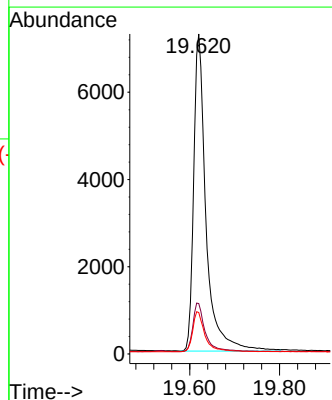
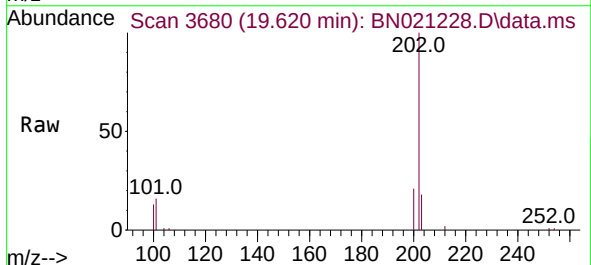
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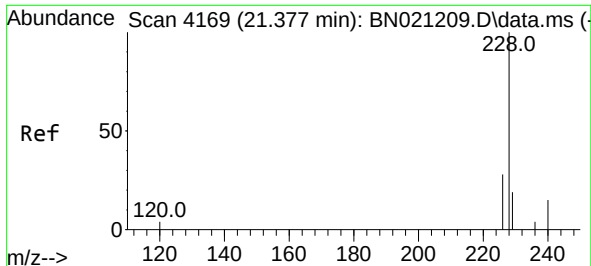
Tgt Ion:202 Resp: 13425
Ion Ratio Lower Upper
202 100
101 13.4 10.0 15.0
100 10.3 8.0 12.0



#20
Pyrene
Concen: 0.457 ng/ul
RT: 19.620 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:202 Resp: 13929
Ion Ratio Lower Upper
202 100
101 15.7 11.3 16.9
100 12.9 9.0 13.4

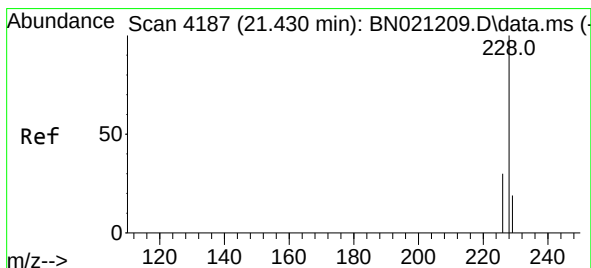
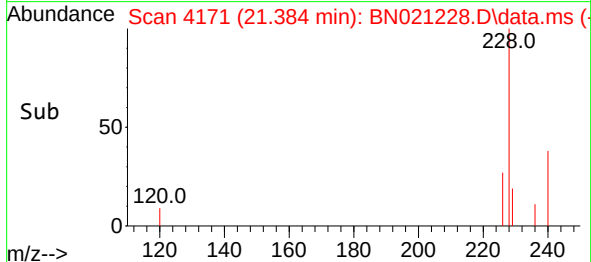
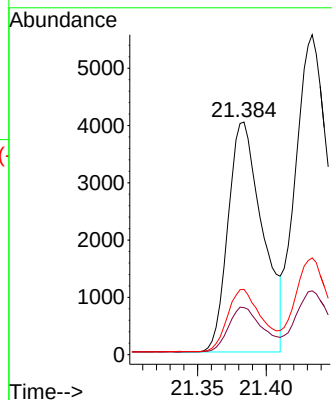
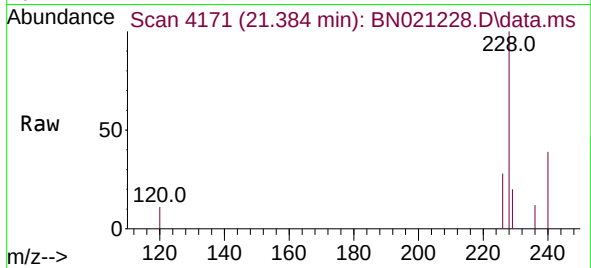




#21
Benzo(a)anthracene
Concen: 0.322 ng/ul
RT: 21.384 min Scan# 4169
Delta R.T. 0.004 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

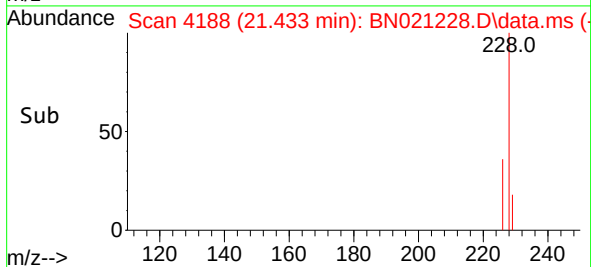
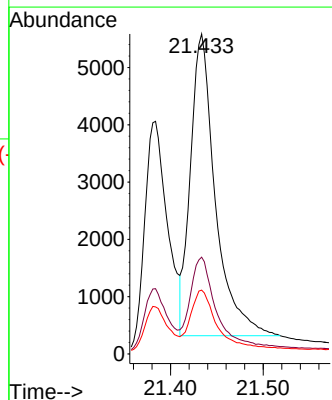
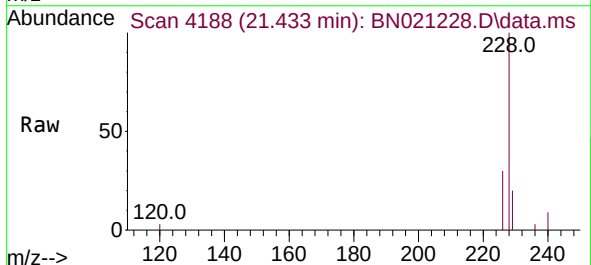
Instrument :
BNA_N
ClientSampleId :
SLCS937

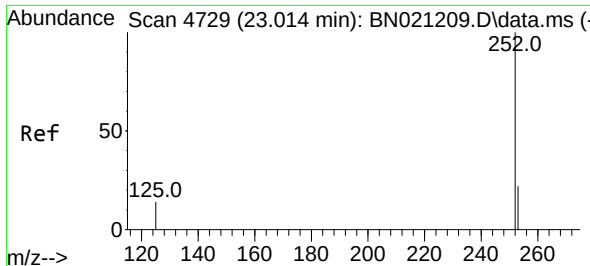
Tgt Ion:228 Resp: 7013
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 28.1 21.9 32.9



#22
Chrysene
Concen: 0.344 ng/ul
RT: 21.433 min Scan# 4188
Delta R.T. 0.004 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:228 Resp: 9847
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 19.9 15.8 23.8

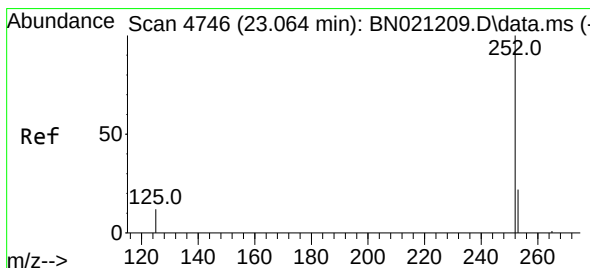
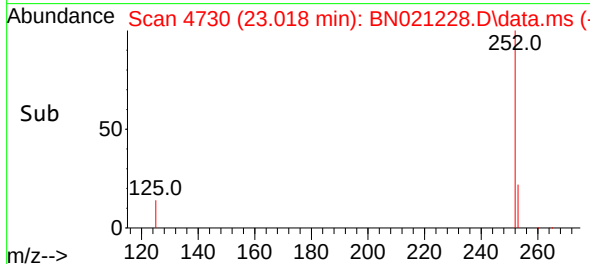
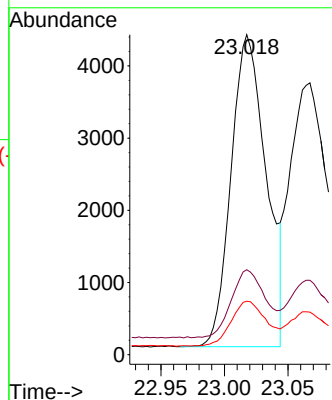
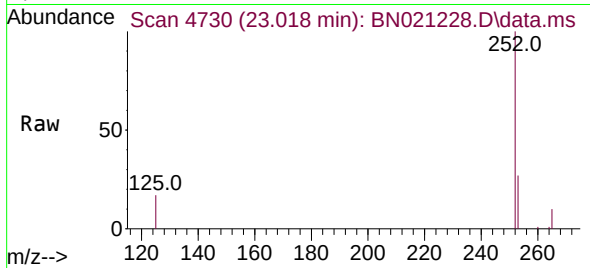




#24
Benzo(b)fluoranthene
Concen: 0.365 ng/ul
RT: 23.018 min Scan# 4730
Delta R.T. 0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

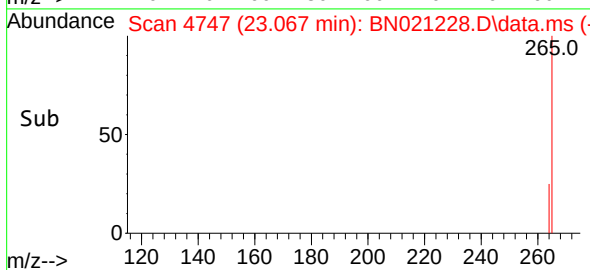
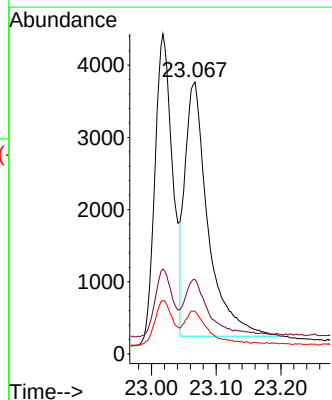
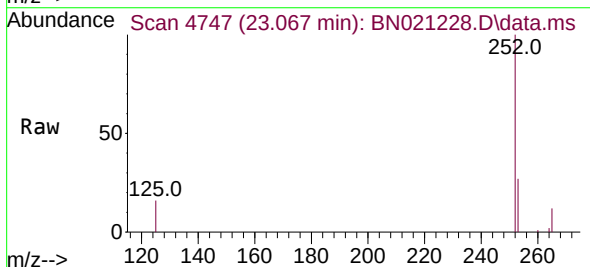
Instrument :
BNA_N
ClientSampleId :
SLCS937

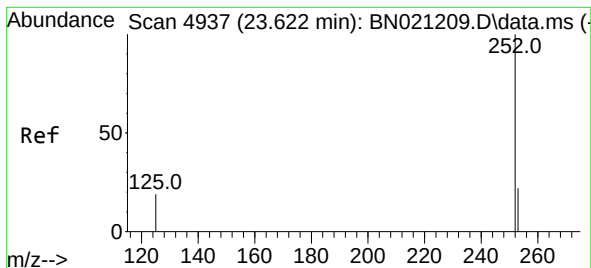
Tgt Ion:252 Resp: 8300
Ion Ratio Lower Upper
252 100
253 26.6 0.0 50.8
125 16.7 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.067 min Scan# 4747
Delta R.T. 0.004 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:252 Resp: 8731
Ion Ratio Lower Upper
252 100
253 27.3 20.6 31.0
125 15.7 11.8 17.6





#26

Benzo(a)pyrene

Concen: 0.363 ng/ul

RT: 23.626 min Scan# 4937

Delta R.T. 0.004 min

Lab File: BN021228.D

Acq: 15 Aug 2022 09:54

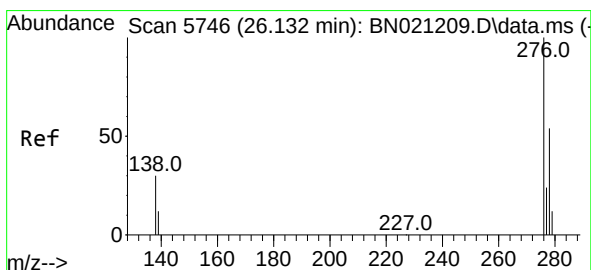
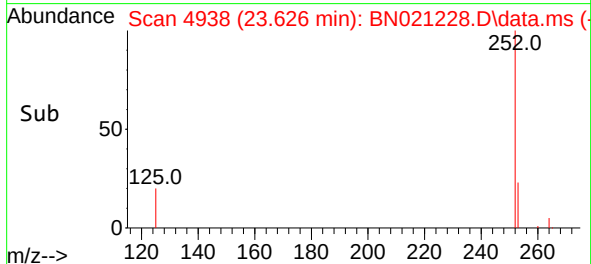
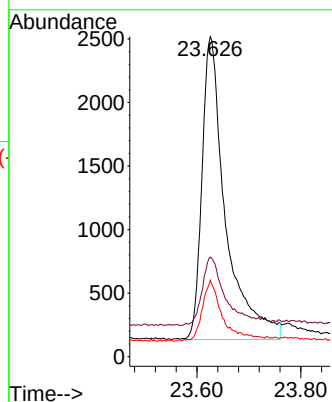
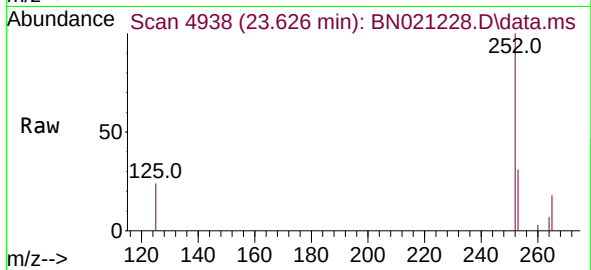
Instrument :

BNA_N

ClientSampleId :

SLCS937

Tgt Ion:	252	Resp:	7536
Ion Ratio	Lower	Upper	
252	100		
253	31.1	22.1	33.1
125	23.9	14.7	22.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.315 ng/ul

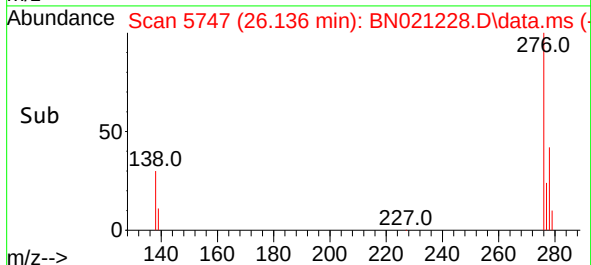
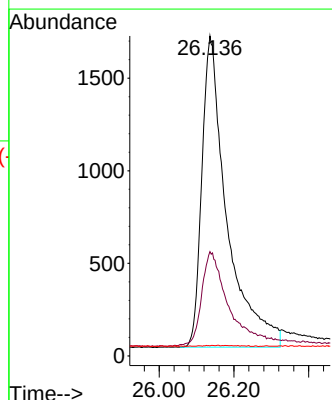
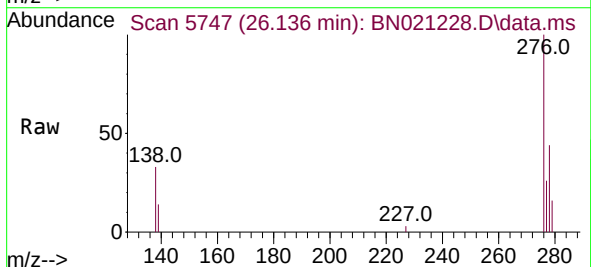
RT: 26.136 min Scan# 5747

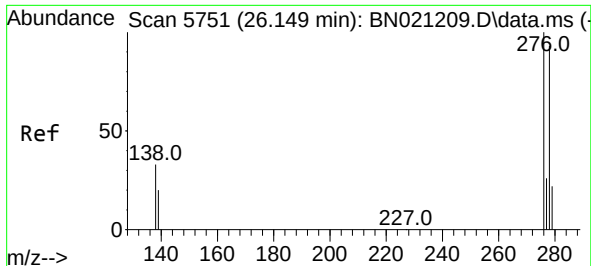
Delta R.T. 0.001 min

Lab File: BN021228.D

Acq: 15 Aug 2022 09:54

Tgt Ion:	276	Resp:	7812
Ion Ratio	Lower	Upper	
276	100		
138	32.6	26.1	39.1
227	0.0	0.1	0.1#

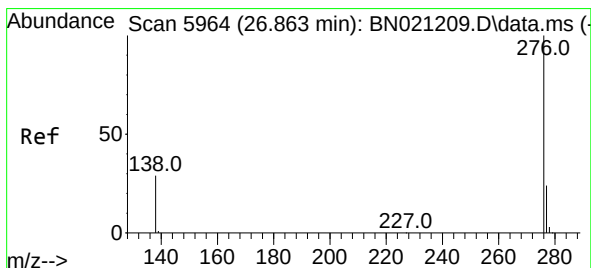
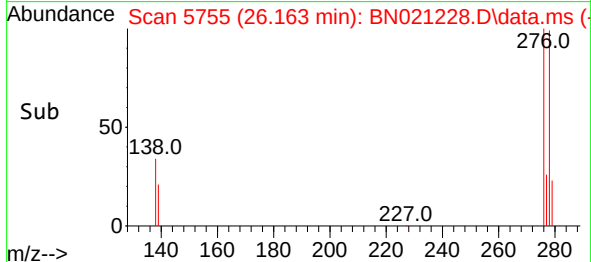
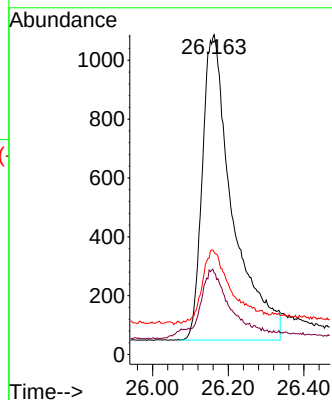
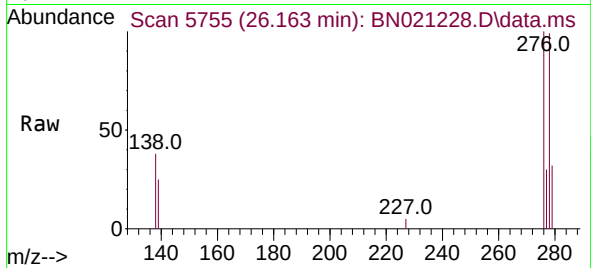




#28
Dibenzo(a,h)anthracene
Concen: 0.294 ng/ul
RT: 26.163 min Scan# 5753
Delta R.T. 0.014 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Instrument :
BNA_N
ClientSampleId :
SLCS937

Tgt Ion:278 Resp: 5753
Ion Ratio Lower Upper
278 100
139 25.6 18.3 27.5
279 32.0 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.354 ng/ul
RT: 26.870 min Scan# 5966
Delta R.T. 0.001 min
Lab File: BN021228.D
Acq: 15 Aug 2022 09:54

Tgt Ion:276 Resp: 7823
Ion Ratio Lower Upper
276 100
138 30.9 22.6 34.0
277 25.3 20.2 30.2

