

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
 Data File : BN018049.D
 Acq On : 16 Dec 2021 06:34
 Operator : CG/JU
 Sample : PB141412BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS412

Quant Time: Dec 16 07:39:22 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 15 17:47:27 2021
 Response via : Initial Calibration

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

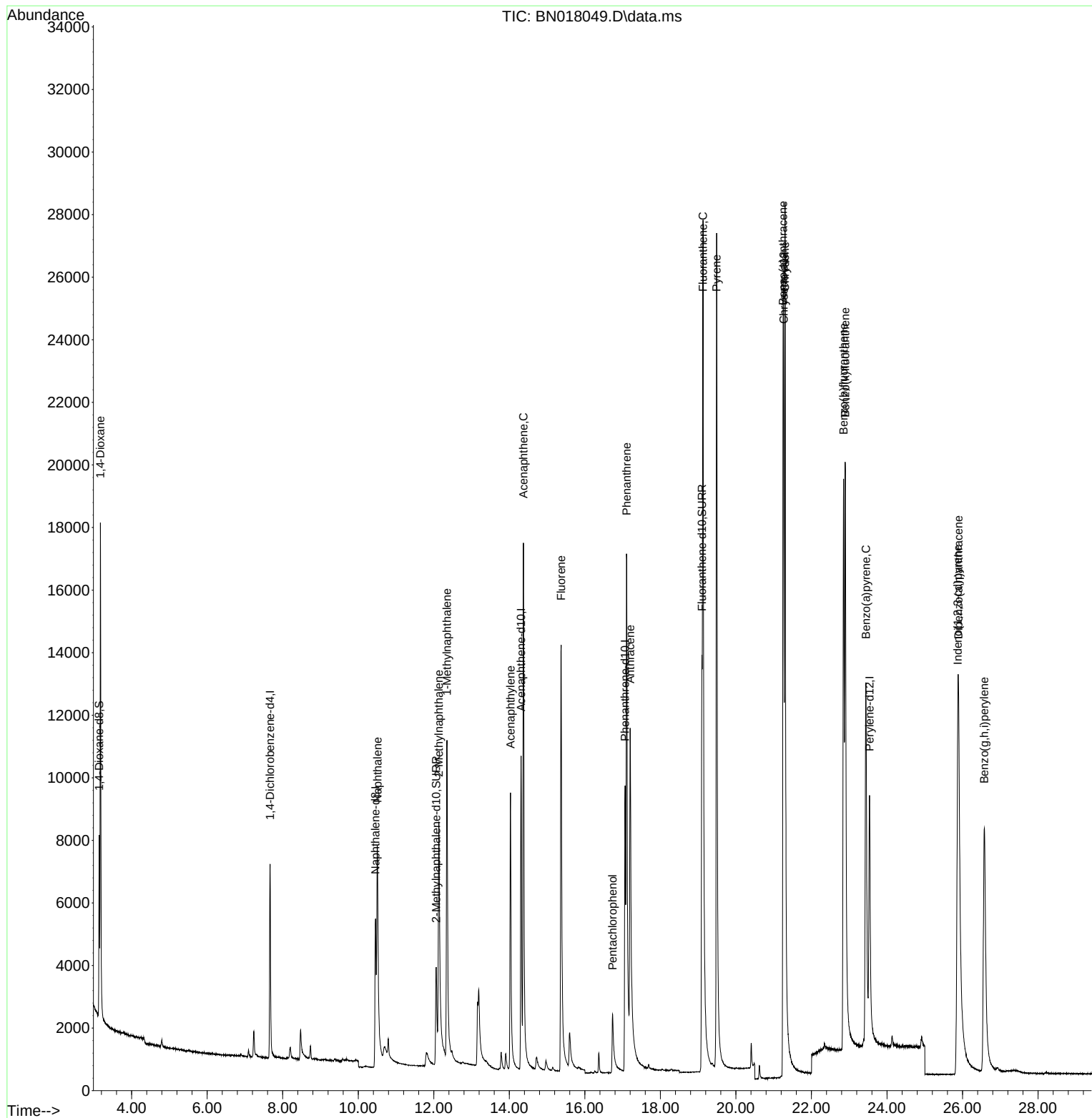
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.666	152	3743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.458	136	11187	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.313	164	7179	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.066	188	14741	0.400	ng/ul	0.00
17) Chrysene-d12	21.263	240	15235	0.400	ng/ul #	0.00
23) Perylene-d12	23.537	264	12882	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.139	96	3545	0.912	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.064	152	7066	0.542	ng/ul	0.00
18) Fluoranthene-d10	19.100	212	23244	0.535	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.172	88	10526	2.306	ng/ul#	44
5) Naphthalene	10.508	128	15231	0.497	ng/ul	98
7) 2-Methylnaphthalene	12.136	142	9092	0.528	ng/ul	100
8) 1-Methylnaphthalene	12.350	142	9854	0.492	ng/ul	100
10) Acenaphthylene	14.031	152	14628	0.503	ng/ul	99
11) Acenaphthene	14.373	153	12732	0.492	ng/ul	98
12) Fluorene	15.372	166	14223	0.499	ng/ul	100
14) Pentachlorophenol	16.736	266	2647	1.026	ng/ul	99
15) Phenanthrene	17.108	178	24139	0.472	ng/ul	99
16) Anthracene	17.201	178	19891	0.495	ng/ul	99
19) Fluoranthene	19.128	202	31827	0.518	ng/ul	98
20) Pyrene	19.491	202	34649	0.504	ng/ul#	94
21) Benzo(a)anthracene	21.248	228	24616	0.543	ng/ul	99
22) Chrysene	21.301	228	33968	0.522	ng/ul	99
24) Benzo(b)fluoranthene	22.850	252	28366	0.551	ng/ul	84
25) Benzo(k)fluoranthene	22.894	252	36035	0.525	ng/ul#	82
26) Benzo(a)pyrene	23.443	252	26476	0.532	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.873	276	28859	0.515	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.893	278	21527	0.526	ng/ul#	84
29) Benzo(g,h,i)perylene	26.578	276	24953	0.520	ng/ul#	88

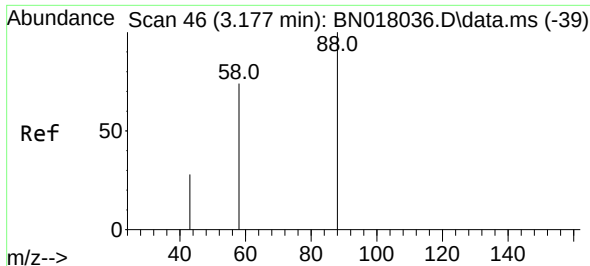
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121621\
Data File : BN018049.D
Acq On : 16 Dec 2021 06:34
Operator : CG/JU
Sample : PB141412BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS412

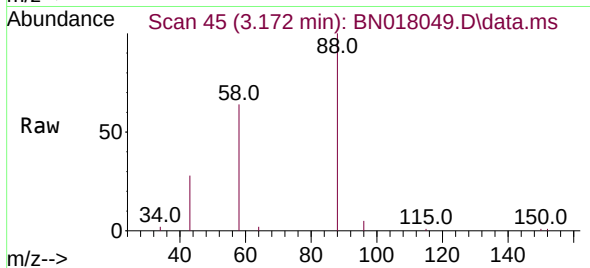
Quant Time: Dec 16 07:39:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 15 17:47:27 2021
Response via : Initial Calibration



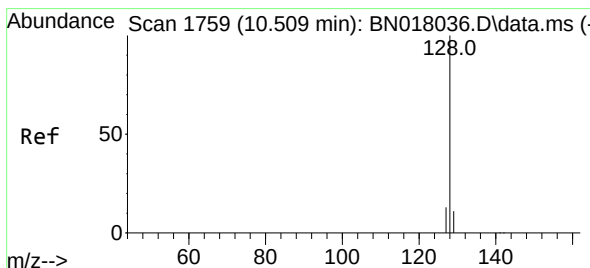
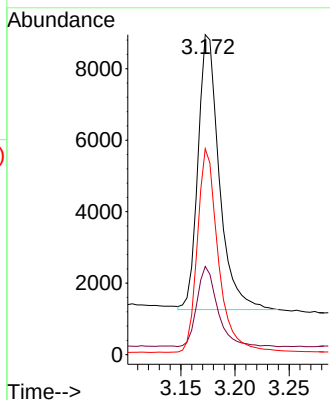
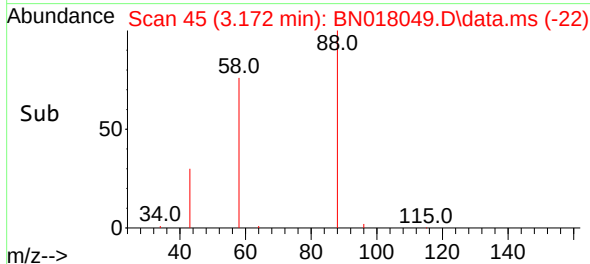


#2
1,4-Dioxane
Concen: 2.306 ng/ul
RT: 3.172 min Scan# 41
Delta R.T. -0.004 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Instrument :
BNA_N
ClientSampleId :
SLCS412

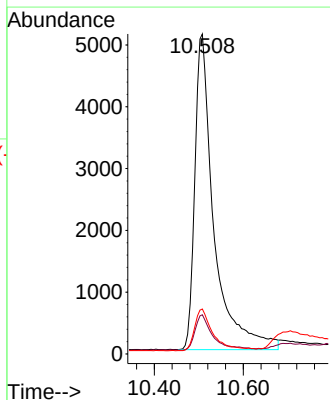
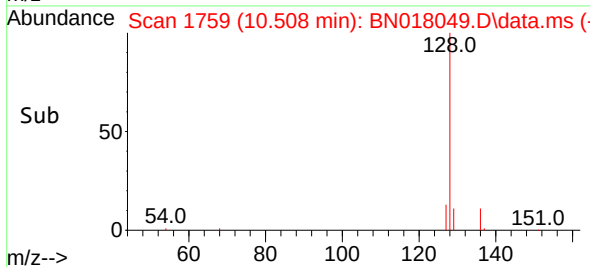
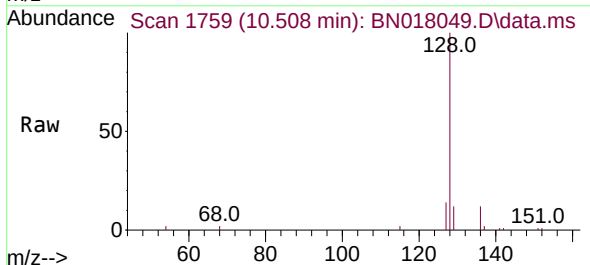


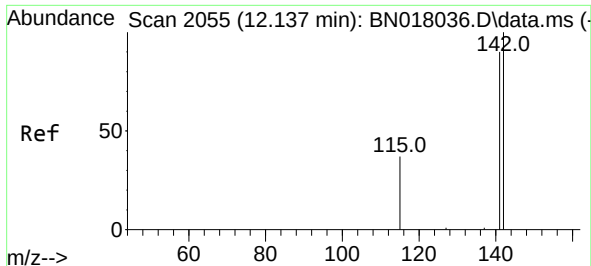
Tgt Ion: 88 Resp: 10526
Ion Ratio Lower Upper
88 100
43 27.5 85.8 128.6#
58 64.4 43.4 65.0



#5
Naphthalene
Concen: 0.497 ng/ul
RT: 10.508 min Scan# 1759
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Tgt Ion:128 Resp: 15231
Ion Ratio Lower Upper
128 100
129 12.3 10.4 15.6
127 14.0 11.8 17.6

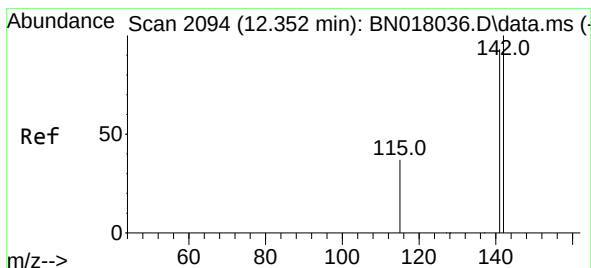
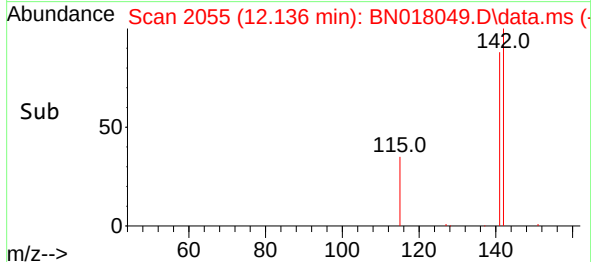
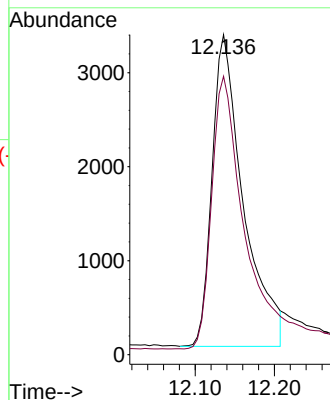
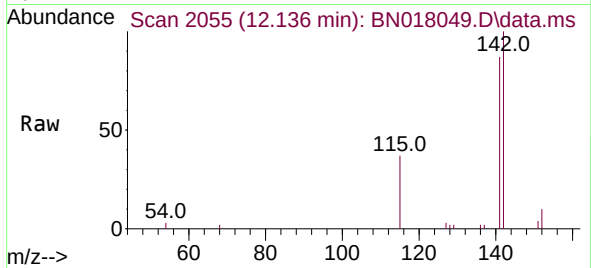




#7
2-Methylnaphthalene
Concen: 0.528 ng/ul
RT: 12.136 min Scan# 2055
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

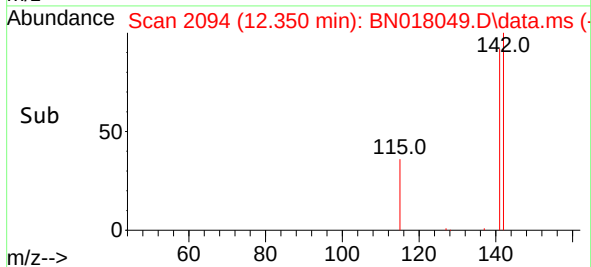
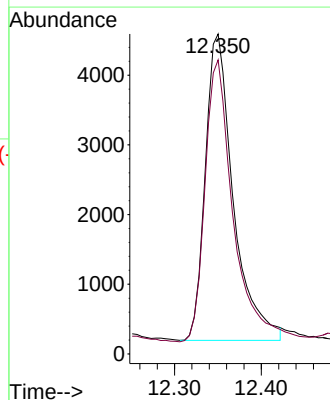
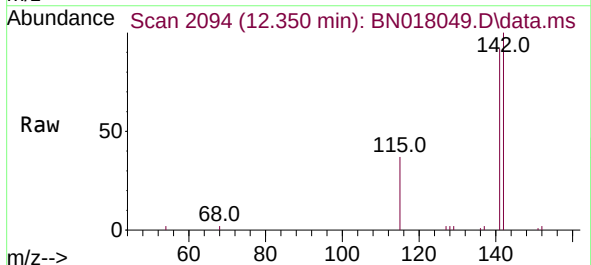
Instrument :
BNA_N
ClientSampleId :
SLCS412

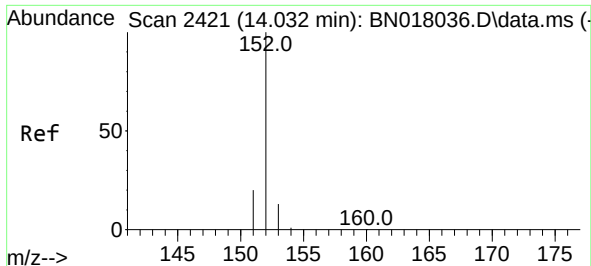
Tgt Ion:142 Resp: 9092
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.492 ng/ul
RT: 12.350 min Scan# 2094
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Tgt Ion:142 Resp: 9854
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

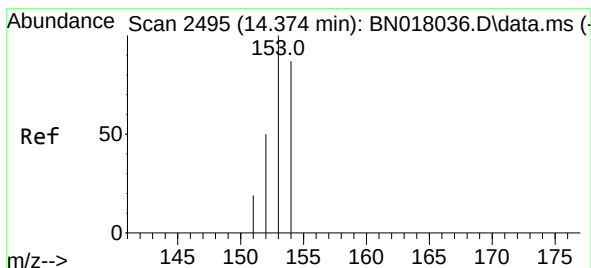
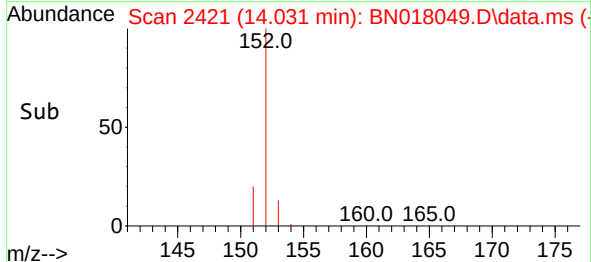
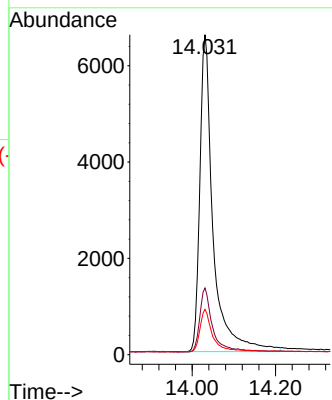
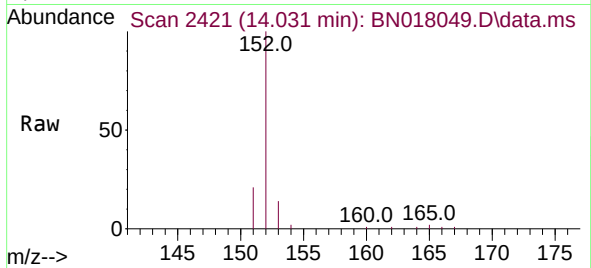




#10
Acenaphthylene
Concen: 0.503 ng/ul
RT: 14.031 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

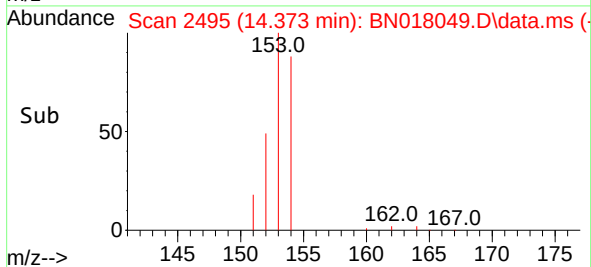
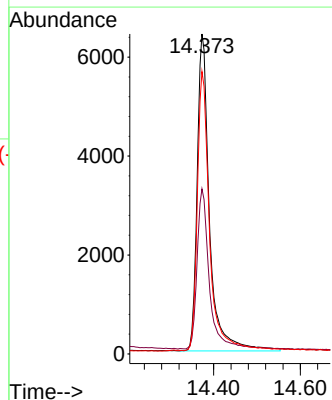
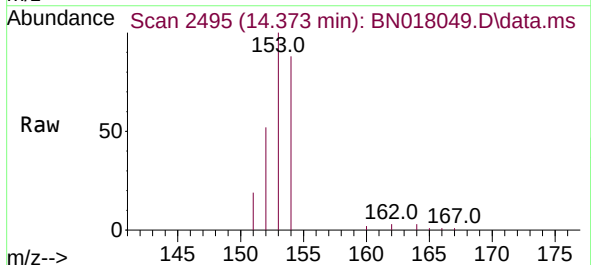
Instrument :
BNA_N
ClientSampleId :
SLCS412

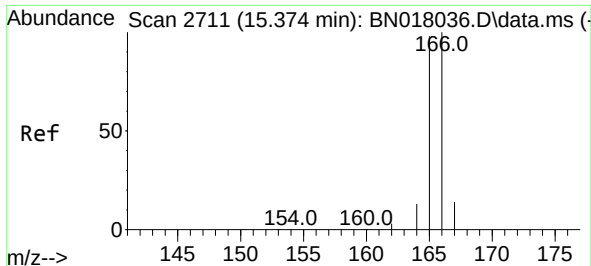
Tgt Ion:152 Resp: 14628
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.492 ng/ul
RT: 14.373 min Scan# 2495
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

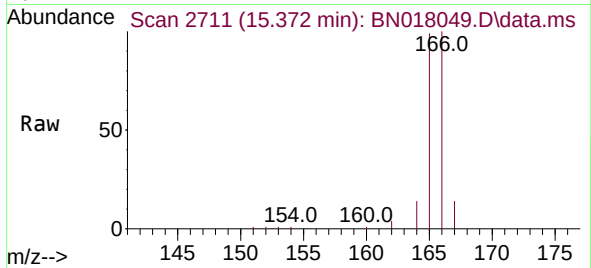
Tgt Ion:153 Resp: 12732
Ion Ratio Lower Upper
153 100
152 51.6 38.3 57.5
154 88.3 71.1 106.7



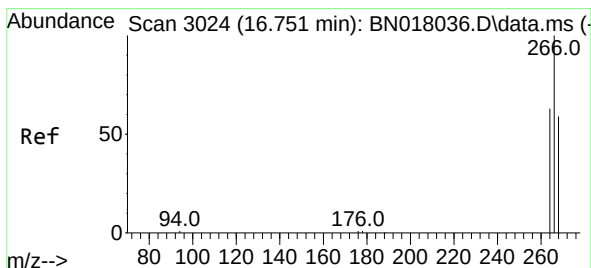
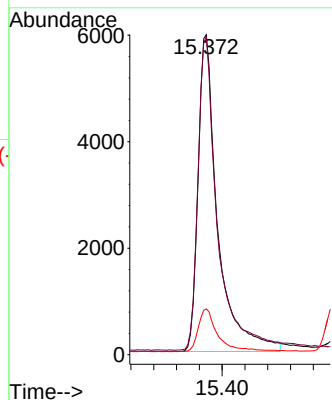
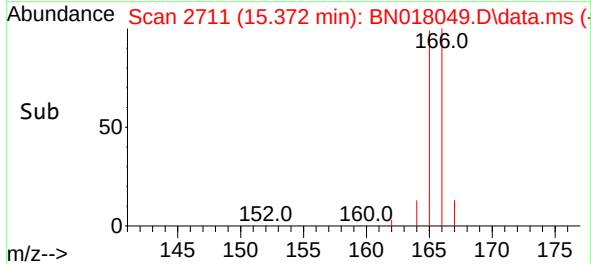


#12
Fluorene
Concen: 0.499 ng/ul
RT: 15.372 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

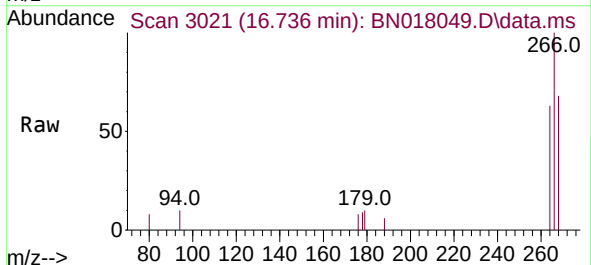
Instrument :
BNA_N
ClientSampleId :
SLCS412



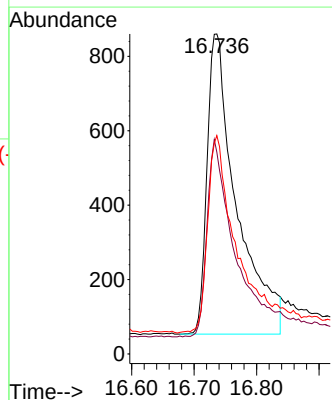
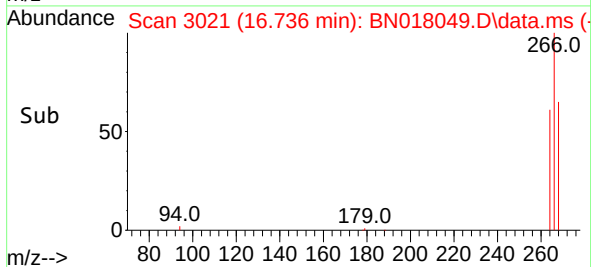
Tgt Ion:166	Resp:	14223
Ion	Ratio	Lower Upper
166	100	
165	99.4	79.2 118.8
167	14.3	11.2 16.8

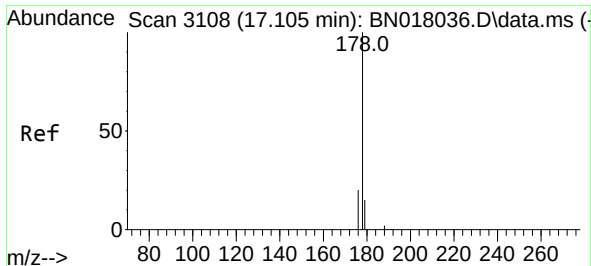


#14
Pentachlorophenol
Concen: 1.026 ng/ul
RT: 16.736 min Scan# 3021
Delta R.T. -0.018 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34



Tgt Ion:266	Resp:	2647
Ion	Ratio	Lower Upper
266	100	
264	62.4	50.3 75.5
268	65.0	52.2 78.4

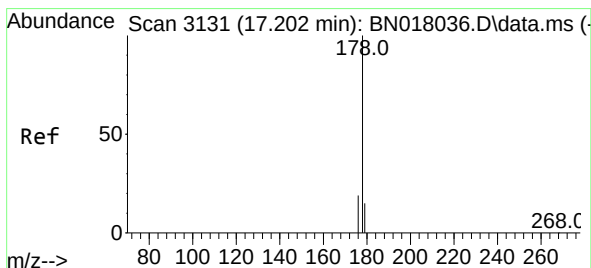
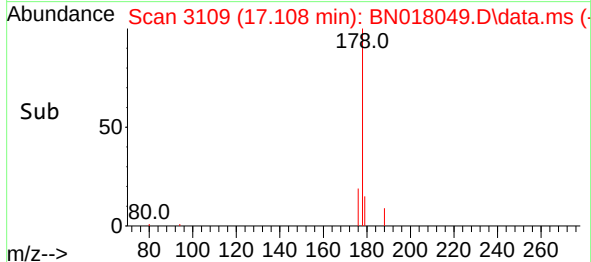
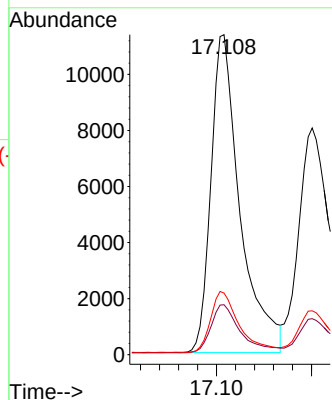
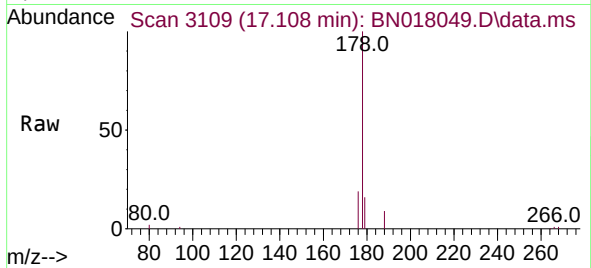




#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.108 min Scan# 3109
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

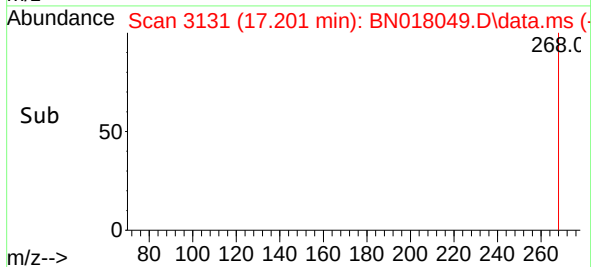
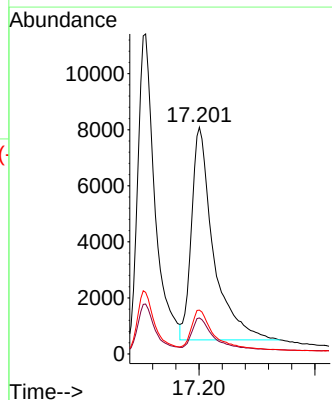
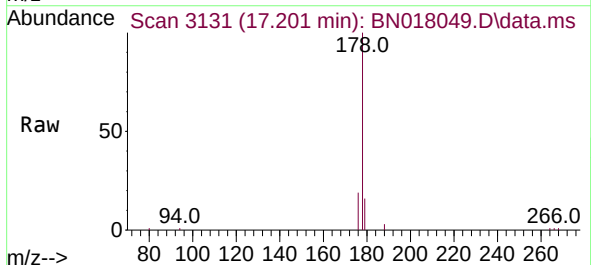
Instrument :
BNA_N
ClientSampleId :
SLCS412

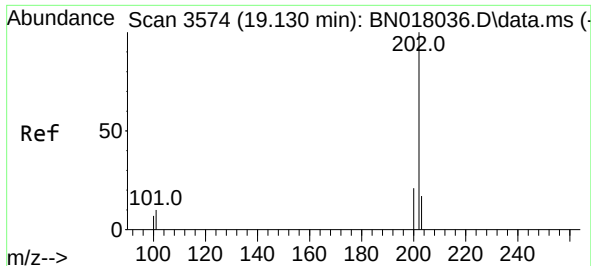
Tgt Ion:178 Resp: 24139
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.495 ng/ul
RT: 17.201 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Tgt Ion:178 Resp: 19891
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.3 15.1 22.7

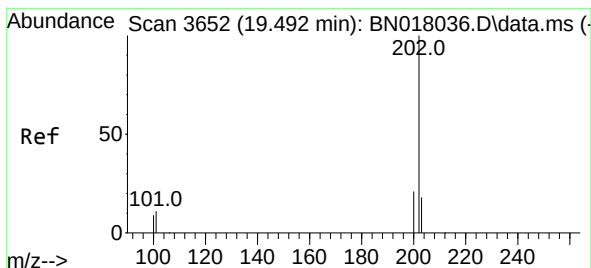
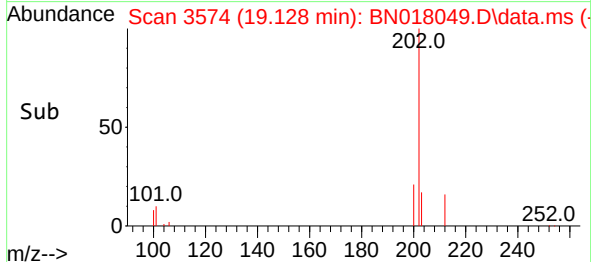
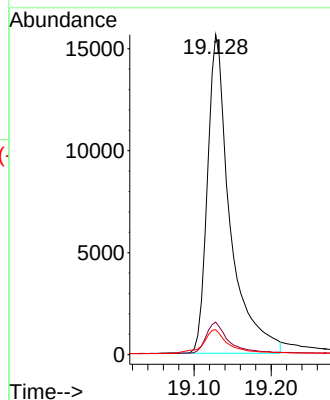
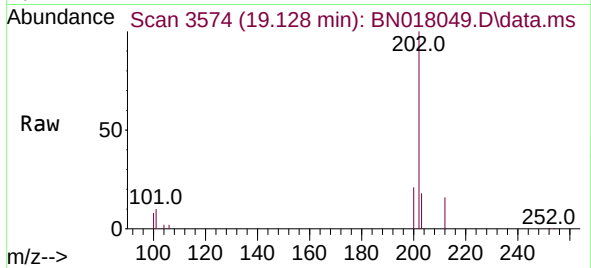




#19
Fluoranthene
Concen: 0.518 ng/ul
RT: 19.128 min Scan# 31
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

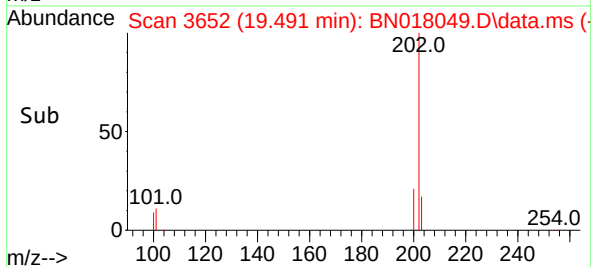
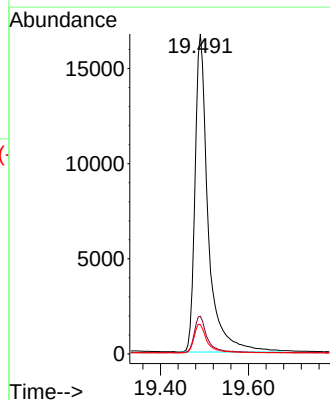
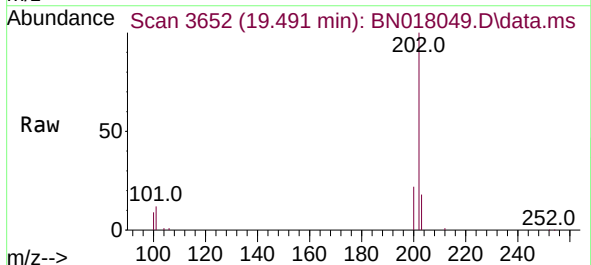
Instrument :
BNA_N
ClientSampleId :
SLCS412

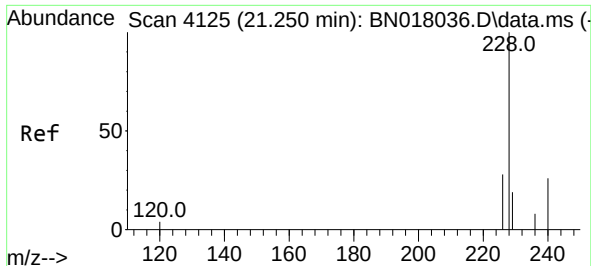
Tgt Ion:202 Resp: 31827
Ion Ratio Lower Upper
202 100
101 10.2 9.0 13.4
100 7.8 6.8 10.2



#20
Pyrene
Concen: 0.504 ng/ul
RT: 19.491 min Scan# 3652
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

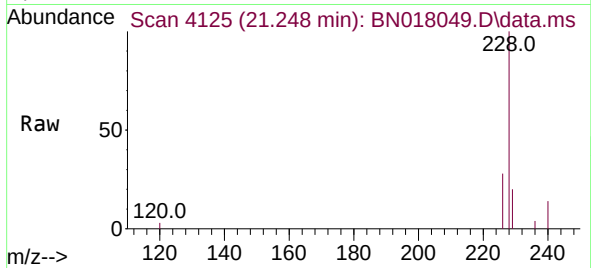
Tgt Ion:202 Resp: 34649
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.2
100 9.2 9.4 14.0#



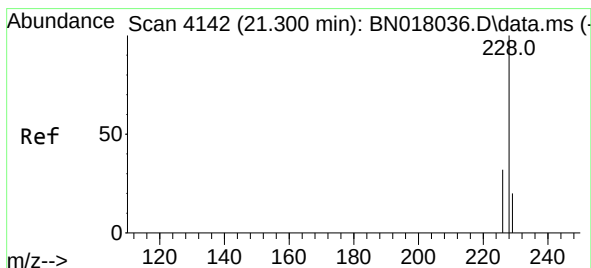
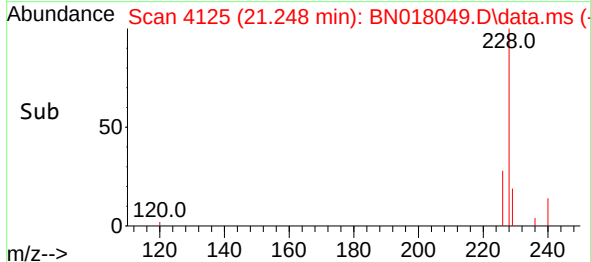
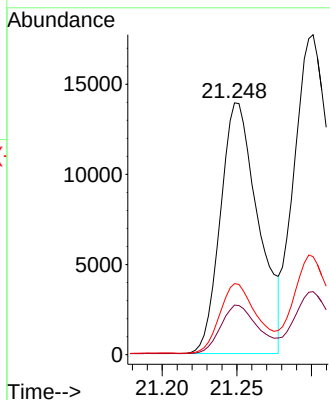


#21
Benzo(a)anthracene
Concen: 0.543 ng/ul
RT: 21.248 min Scan# 4125
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Instrument :
BNA_N
ClientSampleId :
SLCS412

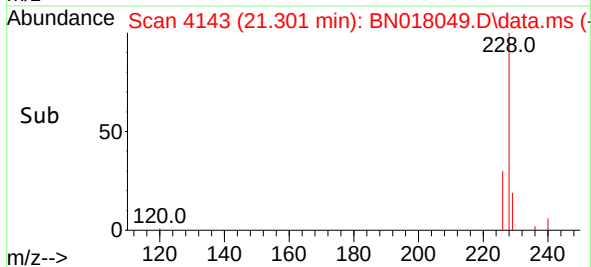
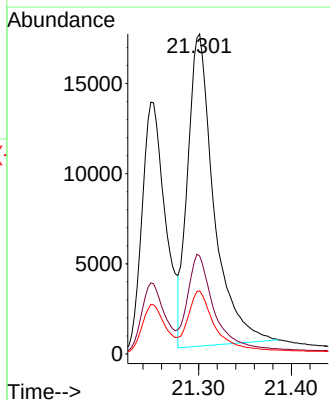
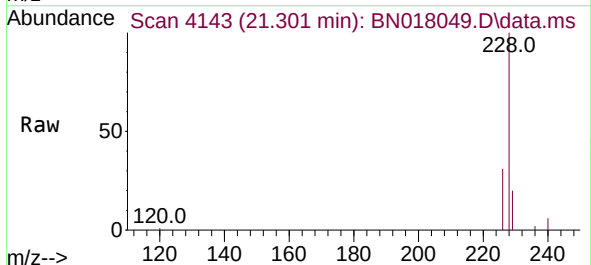


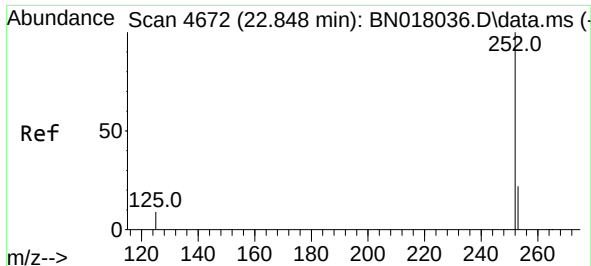
Tgt Ion:228 Resp: 24616
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 28.2 21.8 32.8



#22
Chrysene
Concen: 0.522 ng/ul
RT: 21.301 min Scan# 4143
Delta R.T. 0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Tgt Ion:228 Resp: 33968
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 19.7 15.7 23.5

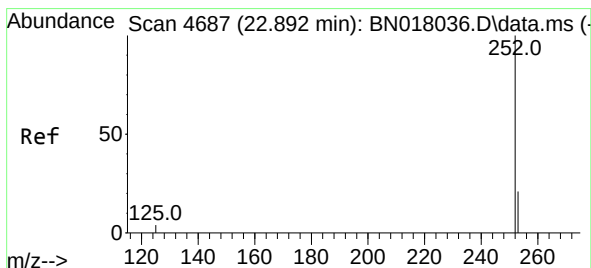
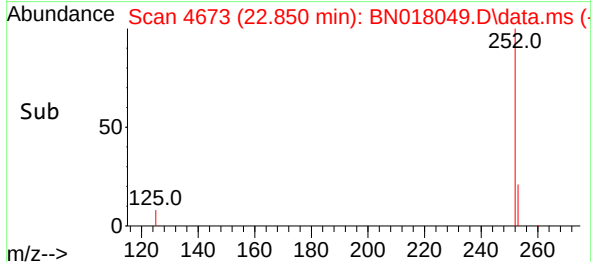
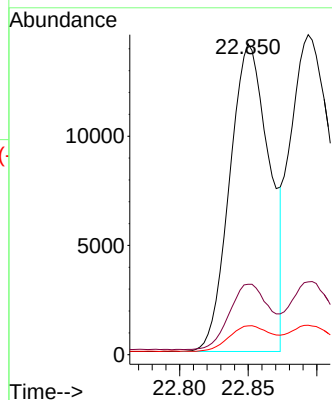
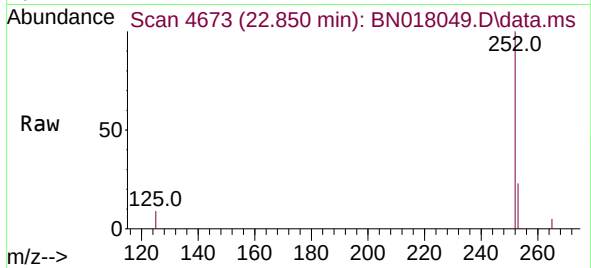




#24
Benzo(b)fluoranthene
Concen: 0.551 ng/ul
RT: 22.850 min Scan# 4672
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

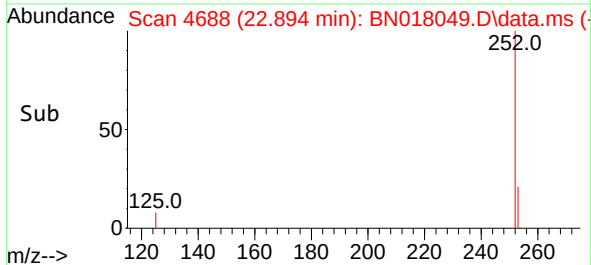
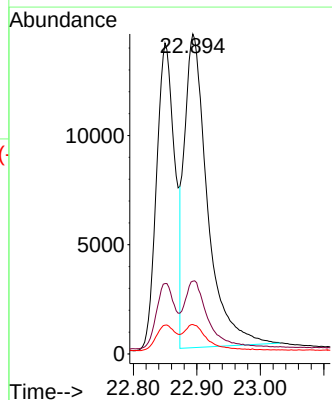
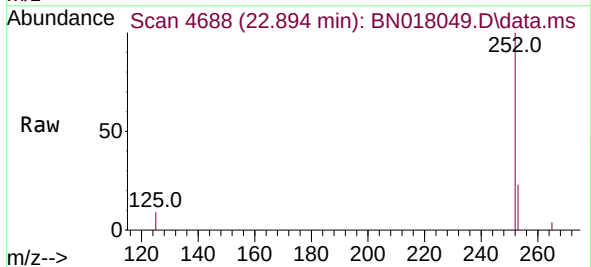
Instrument :
BNA_N
ClientSampleId :
SLCS412

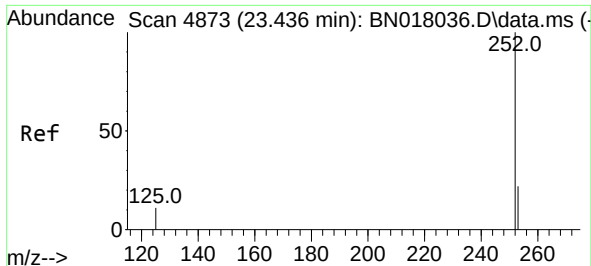
Tgt Ion:252 Resp: 28366
Ion Ratio Lower Upper
252 100
253 22.6 0.0 57.6
125 9.3 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.525 ng/ul
RT: 22.894 min Scan# 4688
Delta R.T. 0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Tgt Ion:252 Resp: 36035
Ion Ratio Lower Upper
252 100
253 22.7 23.1 34.7#
125 9.2 17.1 25.7#

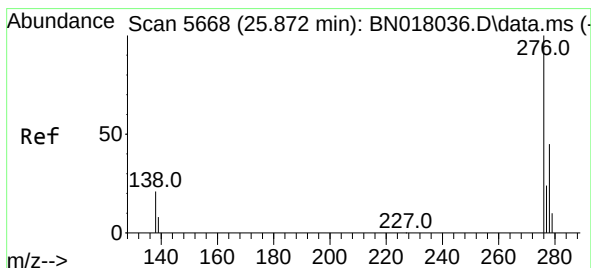
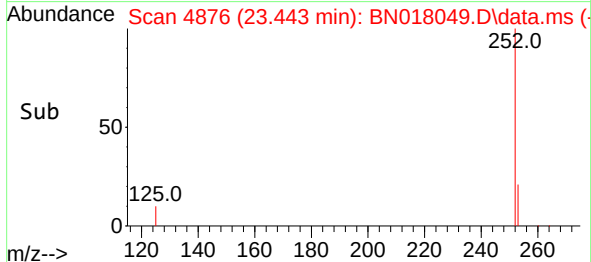
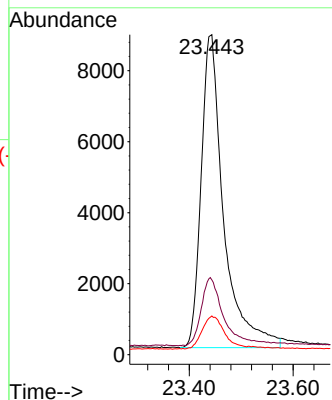
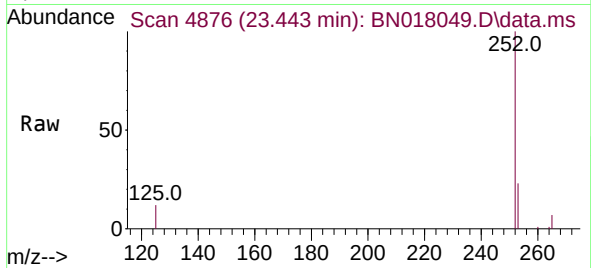




#26
Benzo(a)pyrene
Concen: 0.532 ng/ul
RT: 23.443 min Scan# 4876
Delta R.T. 0.004 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

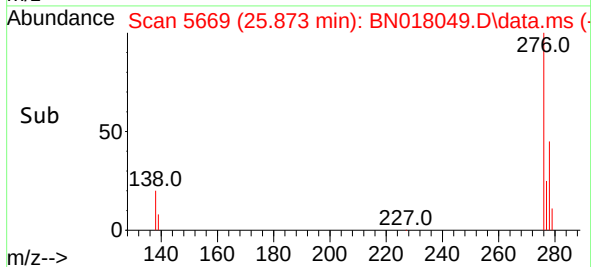
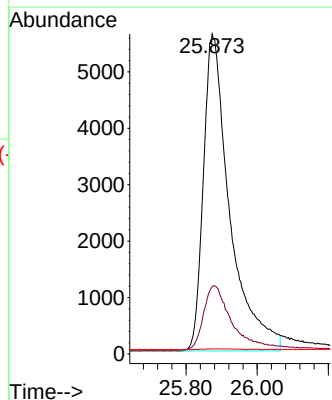
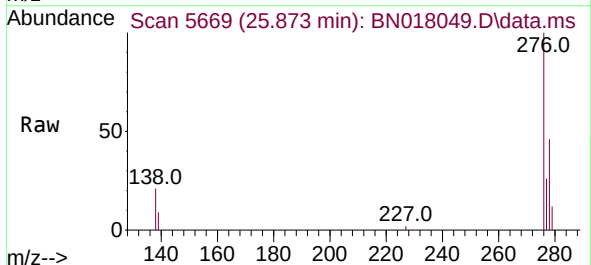
Instrument :
BNA_N
ClientSampleId :
SLCS412

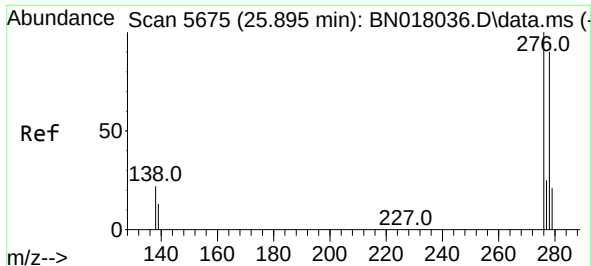
Tgt Ion:252 Resp: 26476
Ion Ratio Lower Upper
252 100
253 23.3 25.0 37.4#
125 12.1 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.515 ng/ul
RT: 25.873 min Scan# 5669
Delta R.T. -0.001 min
Lab File: BN018049.D
Acq: 16 Dec 2021 06:34

Tgt Ion:276 Resp: 28859
Ion Ratio Lower Upper
276 100
138 21.8 0.1 0.1#
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.526 ng/ul

RT: 25.893 min Scan# 5675

Delta R.T. -0.005 min

Lab File: BN018049.D

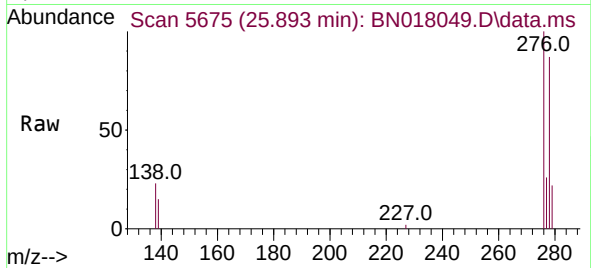
Acq: 16 Dec 2021 06:34

Instrument :

BNA_N

ClientSampleId :

SLCS412



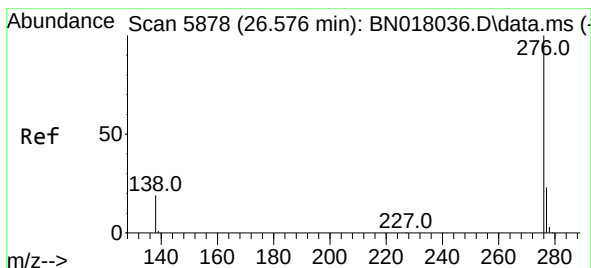
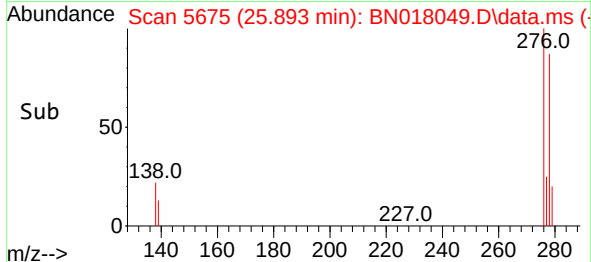
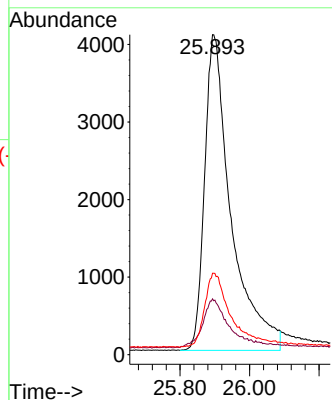
Tgt Ion:278 Resp: 21527

Ion Ratio Lower Upper

278 100

139 17.4 21.8 32.8#

279 25.4 26.3 39.5#



#29

Benzo(g,h,i)perylene

Concen: 0.520 ng/ul

RT: 26.578 min Scan# 5879

Delta R.T. 0.002 min

Lab File: BN018049.D

Acq: 16 Dec 2021 06:34

Tgt Ion:276 Resp: 24953

Ion Ratio Lower Upper

276 100

138 20.2 24.5 36.7#

277 24.1 21.2 31.8

