

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017431.D
 Acq On : 14 Nov 2021 16:35
 Operator : CG/JU
 Sample : PB140499BS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS499

Quant Time: Nov 15 04:59:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 02:31:43 2021
 Response via : Initial Calibration

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

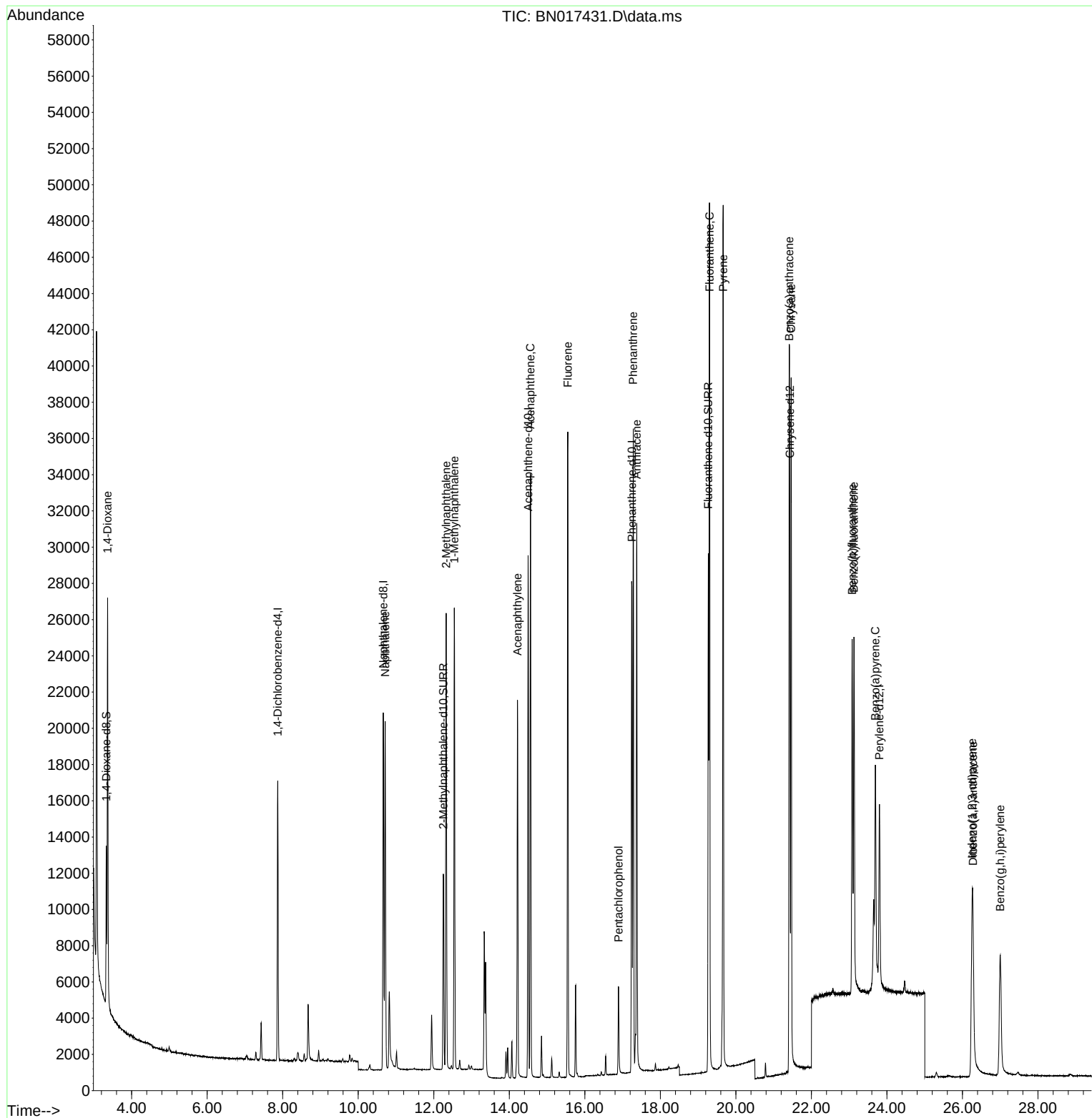
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	7573	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.663	136	26610	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.499	164	15467	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.244	188	32426	0.400	ng/ul	0.00
17) Chrysene-d12	21.428	240	23020	0.400	ng/ul	-0.01
23) Perylene-d12	23.801	264	14539	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	5403	0.650	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	14611	0.356	ng/ul	-0.01
18) Fluoranthene-d10	19.269	212	31308	0.378	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.362	88	15125	1.412	ng/ul#	47
5) Naphthalene	10.713	128	26391	0.359	ng/ul	96
7) 2-Methylnaphthalene	12.330	142	18171	0.345	ng/ul	99
8) 1-Methylnaphthalene	12.544	142	17494	0.336	ng/ul	100
10) Acenaphthylene	14.217	152	23756	0.320	ng/ul	99
11) Acenaphthene	14.559	153	19411	0.366	ng/ul	98
12) Fluorene	15.549	166	22570	0.359	ng/ul	99
14) Pentachlorophenol	16.894	266	3462	0.488	ng/ul	99
15) Phenanthrene	17.282	178	36883	0.378	ng/ul	99
16) Anthracene	17.375	178	32802	0.334	ng/ul	99
19) Fluoranthene	19.301	202	41281	0.387	ng/ul	99
20) Pyrene	19.664	202	41629	0.381	ng/ul	96
21) Benzo(a)anthracene	21.411	228	31553	0.369	ng/ul	100
22) Chrysene	21.463	228	33616	0.392	ng/ul	100
24) Benzo(b)fluoranthene	23.079	252	26561	0.447	ng/ul	93
25) Benzo(k)fluoranthene	23.126	252	26530	0.433	ng/ul	94
26) Benzo(a)pyrene	23.693	252	20002	0.403	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.254	276	17617	0.421	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.278	278	13235	0.425	ng/ul	93
29) Benzo(g,h,i)perylene	26.999	276	17039	0.445	ng/ul	95

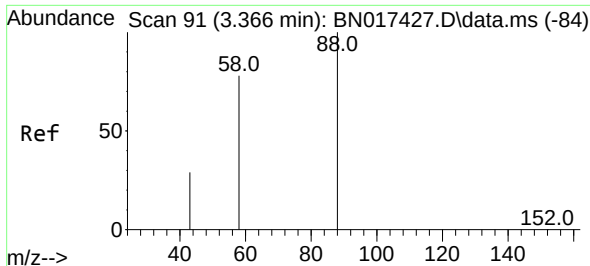
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
Data File : BN017431.D
Acq On : 14 Nov 2021 16:35
Operator : CG/JU
Sample : PB140499BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS499

Quant Time: Nov 15 04:59:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:31:43 2021
Response via : Initial Calibration

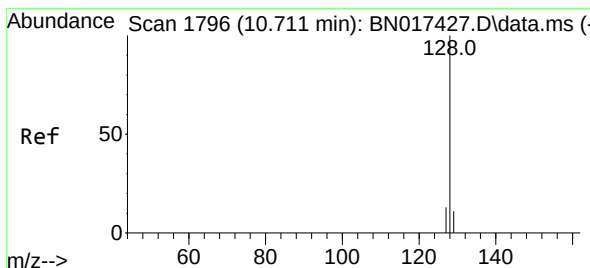
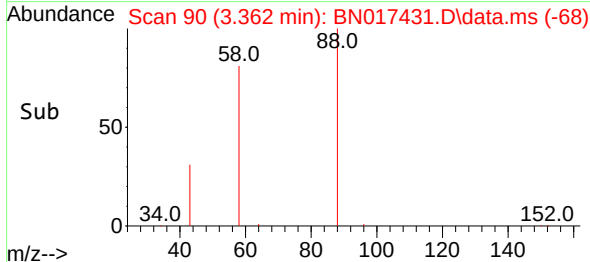
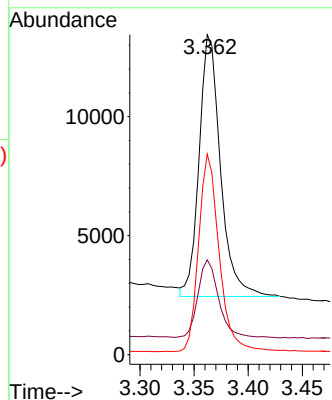
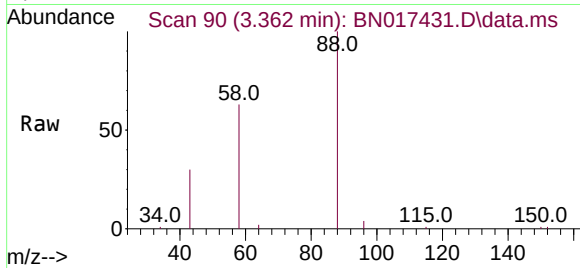




#2
1,4-Dioxane
Concen: 1.412 ng/ul
RT: 3.362 min Scan# 90
Delta R.T. -0.009 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

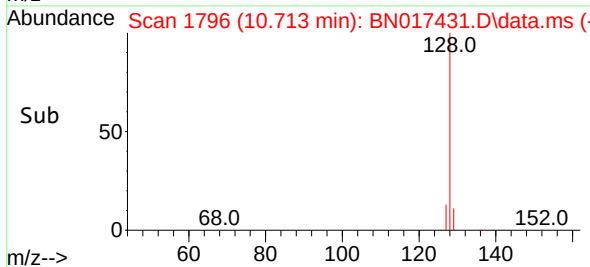
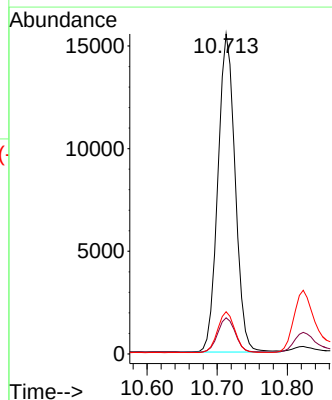
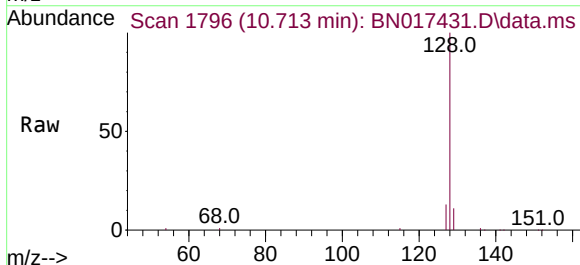
Instrument :
BNA_N
ClientSampleId :
SLCS499

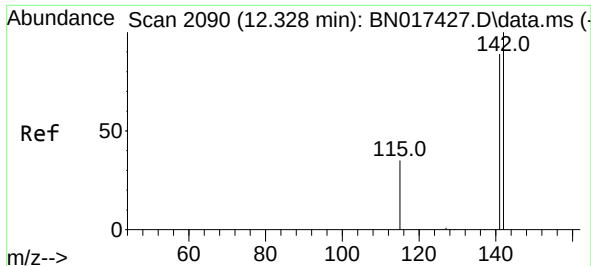
Tgt Ion: 88 Resp: 15125
Ion Ratio Lower Upper
88 100
43 29.6 85.8 128.6#
58 62.7 43.4 65.0



#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.713 min Scan# 1796
Delta R.T. -0.011 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:128 Resp: 26391
Ion Ratio Lower Upper
128 100
129 11.3 10.4 15.6
127 13.2 11.8 17.6

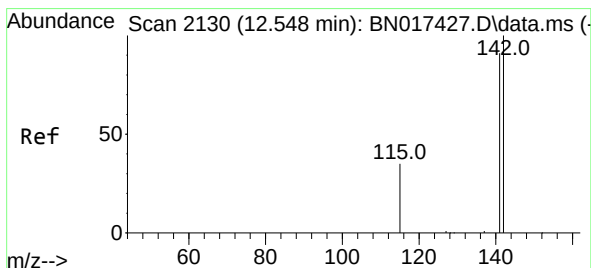
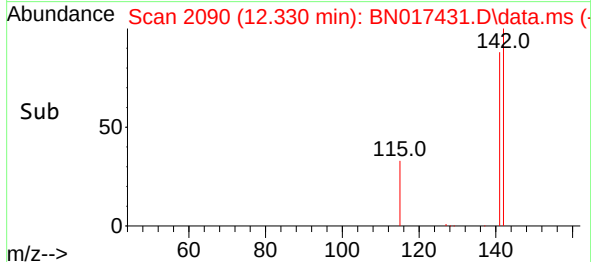
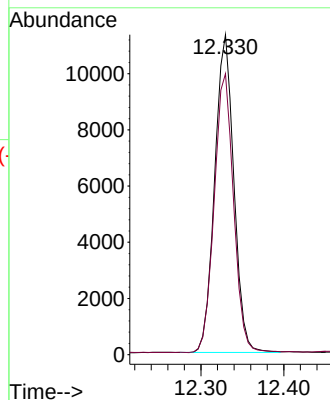
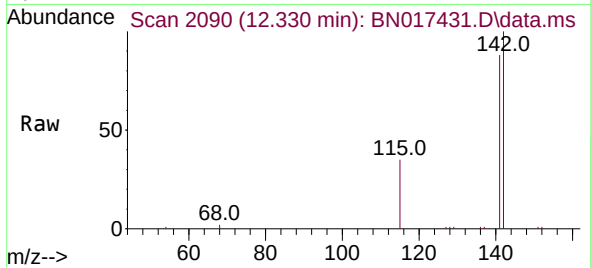




#7
2-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.330 min Scan# 2090
Delta R.T. -0.006 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

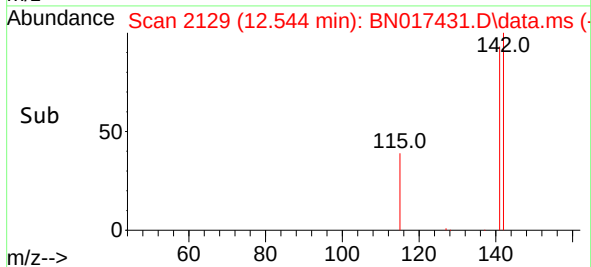
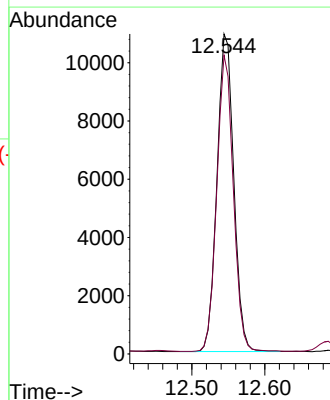
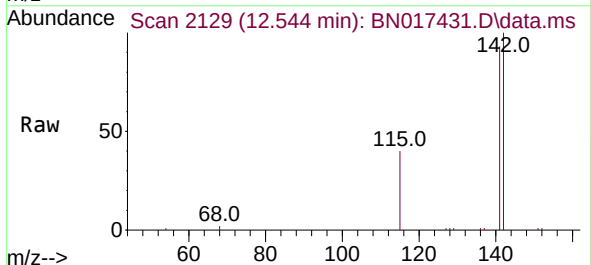
Instrument :
BNA_N
ClientSampleId :
SLCS499

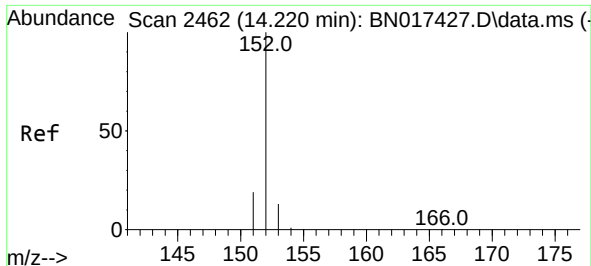
Tgt Ion:142 Resp: 18171
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.544 min Scan# 2129
Delta R.T. -0.011 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:142 Resp: 17494
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9

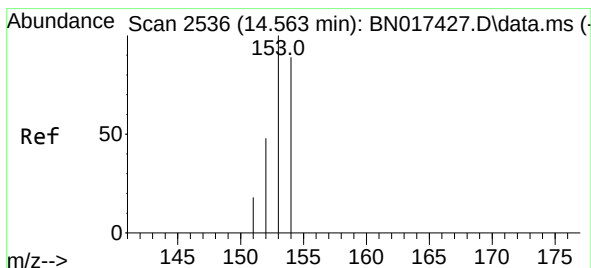
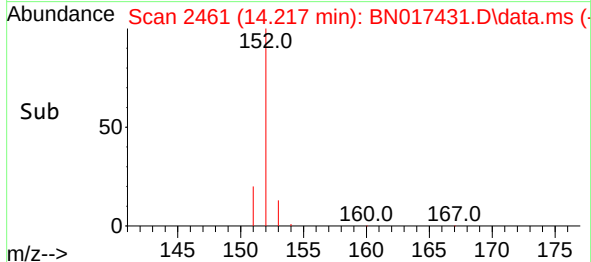
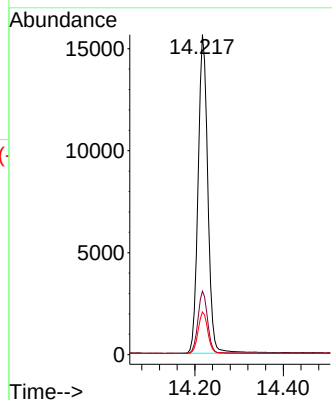
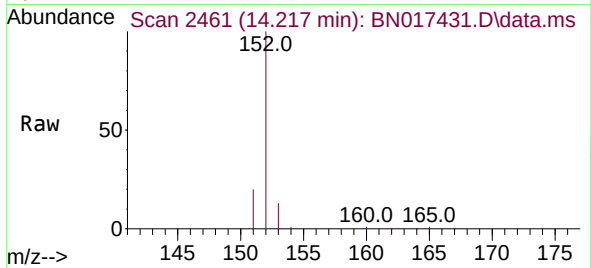




#10
Acenaphthylene
Concen: 0.320 ng/ul
RT: 14.217 min Scan# 2461
Delta R.T. -0.009 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

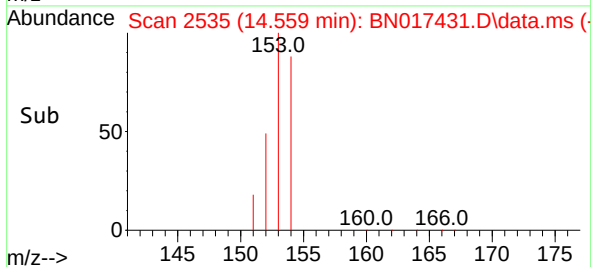
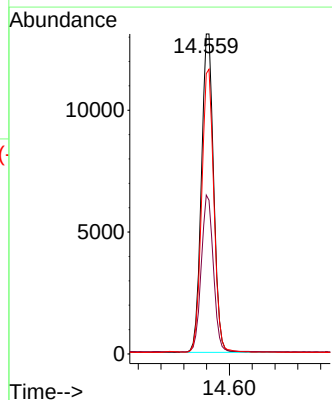
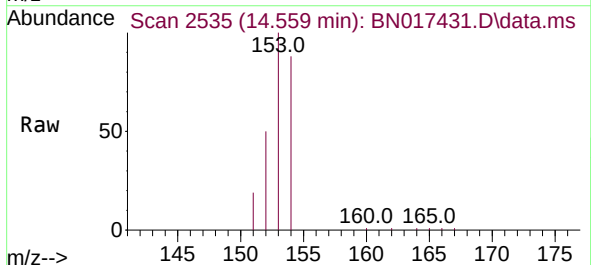
Instrument :
BNA_N
ClientSampleId :
SLCS499

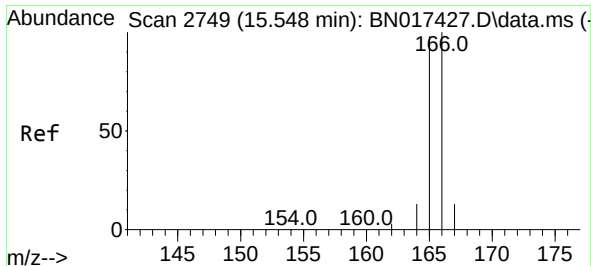
Tgt Ion:152 Resp: 23756
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.559 min Scan# 2535
Delta R.T. -0.014 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:153 Resp: 19411
Ion Ratio Lower Upper
153 100
152 49.6 38.3 57.5
154 87.6 71.1 106.7

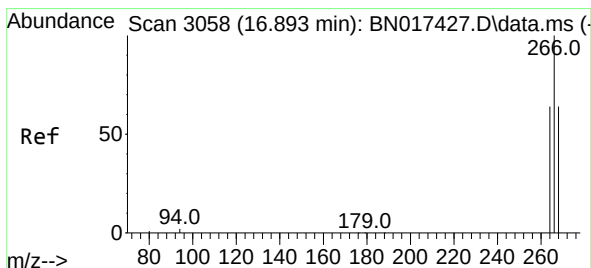
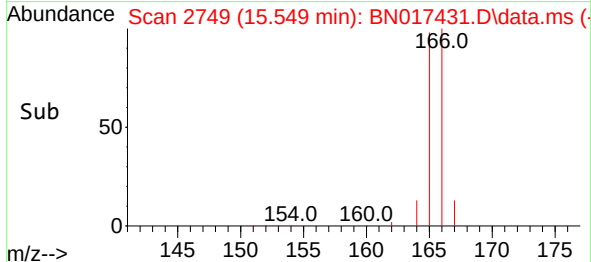
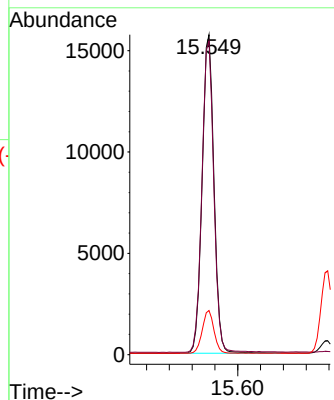
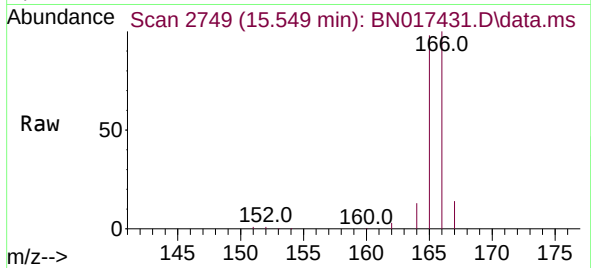




#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.549 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

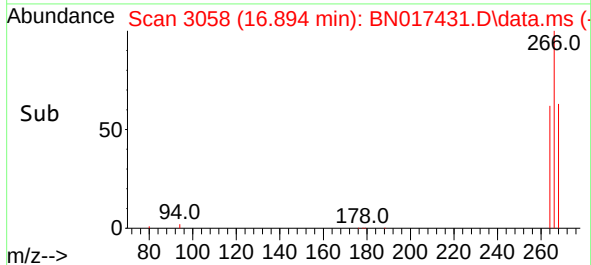
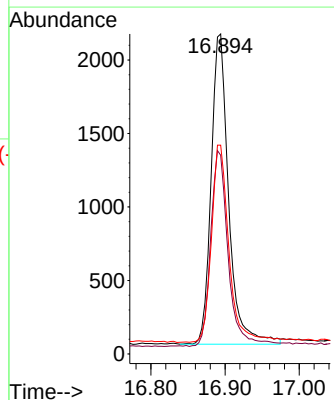
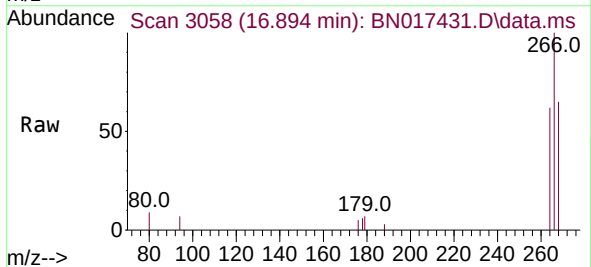
Instrument :
BNA_N
ClientSampleId :
SLCS499

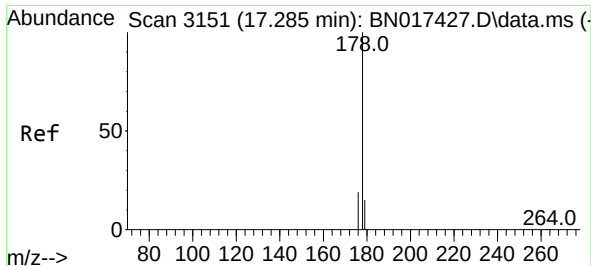
Tgt Ion:166 Resp: 22570
Ion Ratio Lower Upper
166 100
165 97.9 79.2 118.8
167 13.8 11.2 16.8



#14
Pentachlorophenol
Concen: 0.488 ng/ul
RT: 16.894 min Scan# 3058
Delta R.T. -0.008 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:266 Resp: 3462
Ion Ratio Lower Upper
266 100
264 63.5 50.3 75.5
268 63.7 52.2 78.4

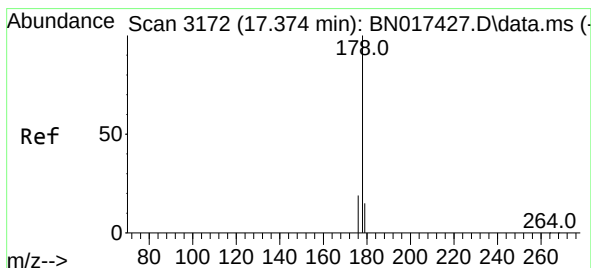
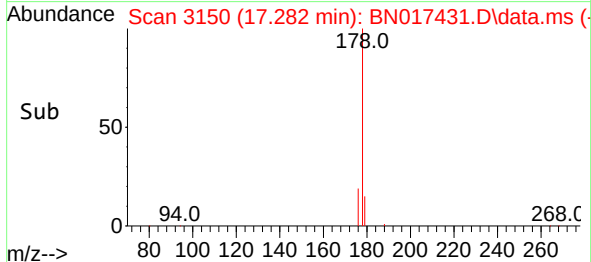
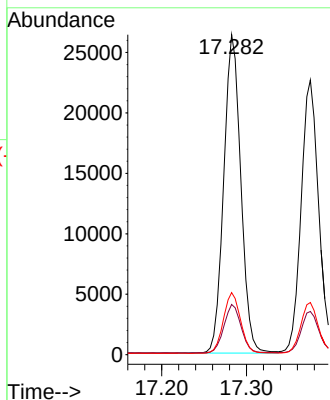
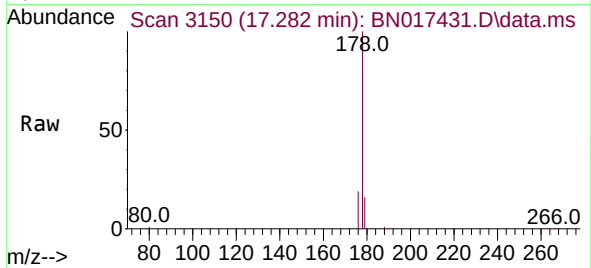




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 17.282 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

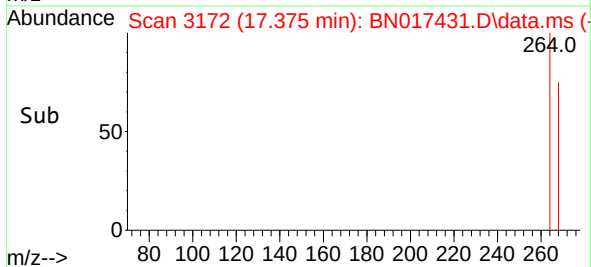
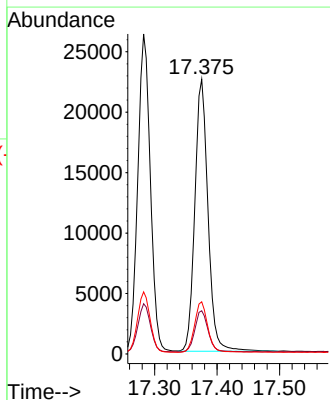
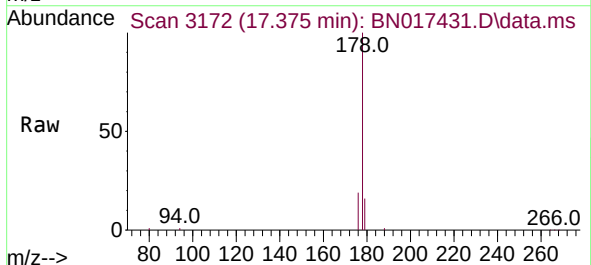
Instrument :
BNA_N
ClientSampleId :
SLCS499

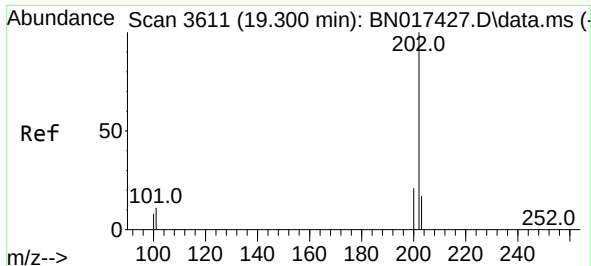
Tgt Ion:178 Resp: 36883
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.375 min Scan# 3172
Delta R.T. -0.012 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:178 Resp: 32802
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.0 15.1 22.7

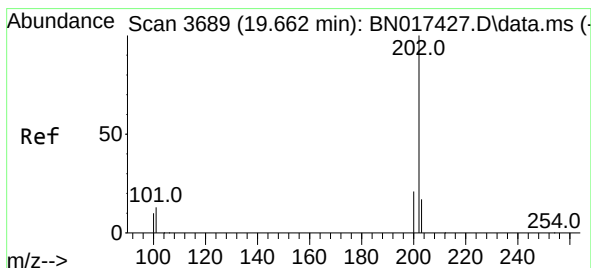
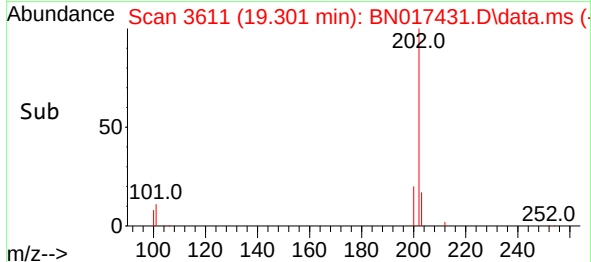
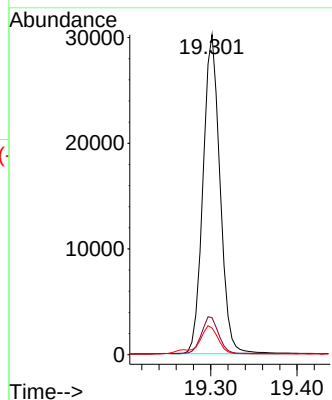
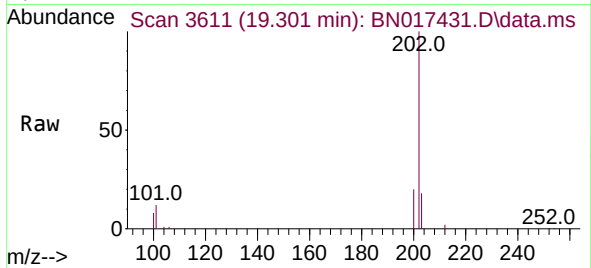




#19
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.301 min Scan# 3611
Delta R.T. -0.014 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

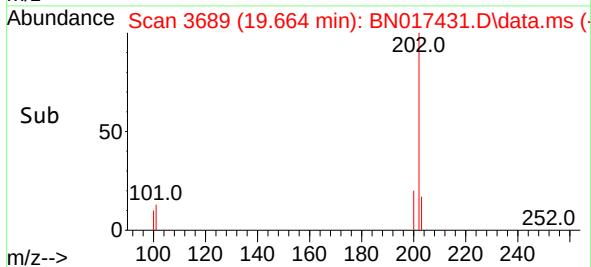
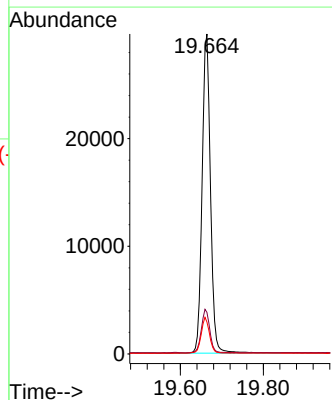
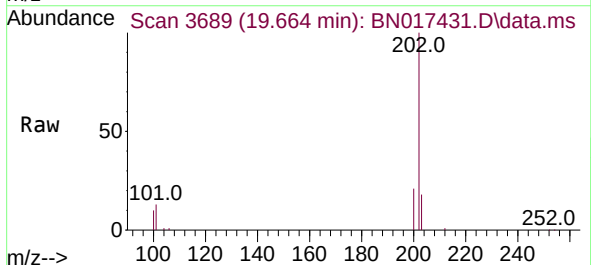
Instrument :
BNA_N
ClientSampleId :
SLCS499

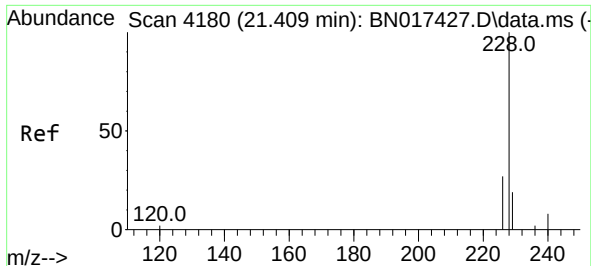
Tgt Ion:202 Resp: 41281
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
100 8.3 6.8 10.2



#20
Pyrene
Concen: 0.381 ng/ul
RT: 19.664 min Scan# 3689
Delta R.T. -0.009 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:202 Resp: 41629
Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.2
100 10.0 9.4 14.0

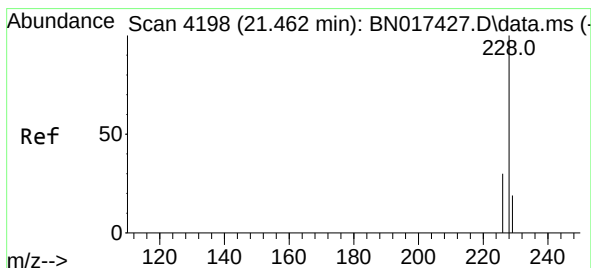
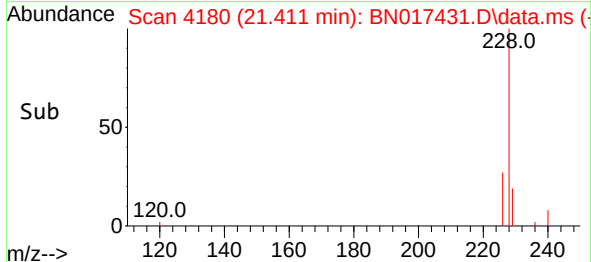
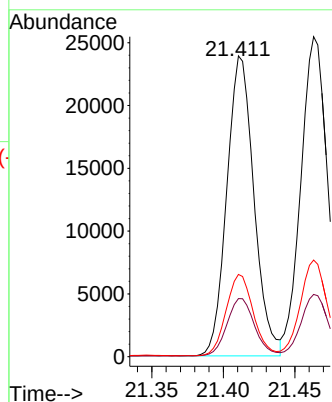
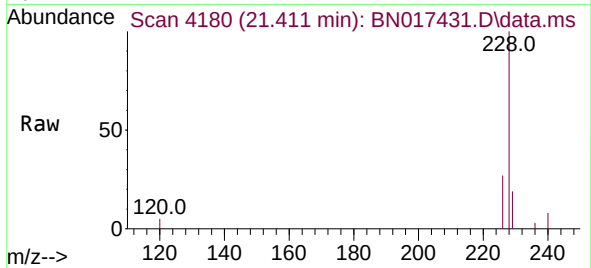




#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.411 min Scan# 4180
Delta R.T. -0.014 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

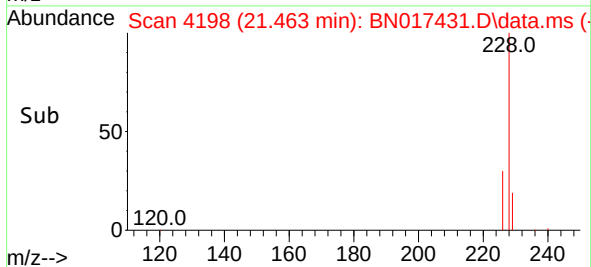
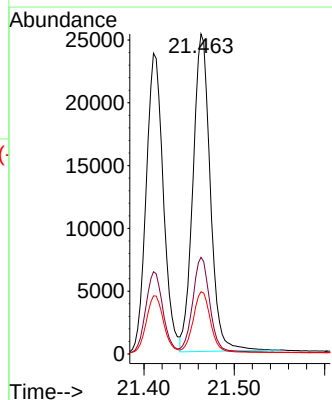
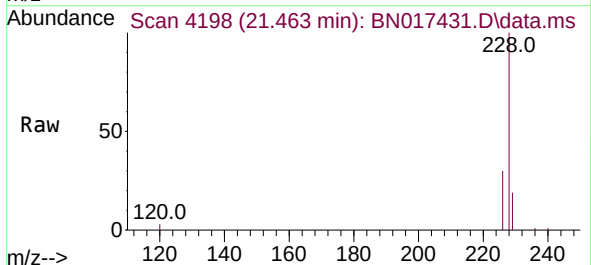
Instrument :
BNA_N
ClientSampleId :
SLCS499

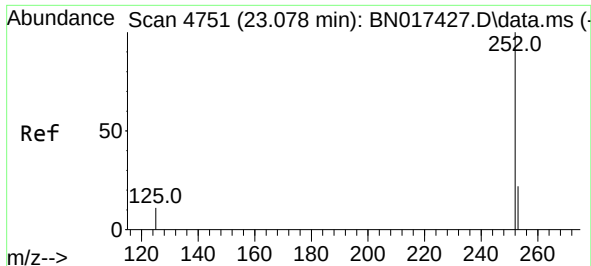
Tgt Ion:228	Resp:	31553
Ion Ratio	Lower	Upper
228	100	
229	19.3	15.8 23.6
226	27.3	21.8 32.8



#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.463 min Scan# 4198
Delta R.T. -0.014 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:228	Resp:	33616
Ion Ratio	Lower	Upper
228	100	
226	30.2	23.9 35.9
229	19.5	15.7 23.5

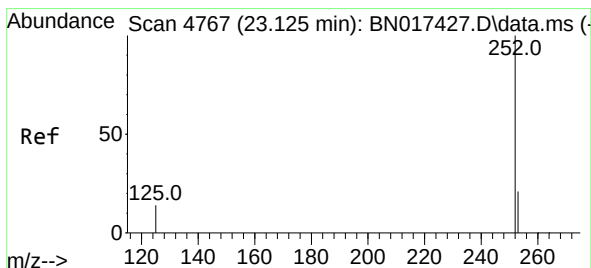
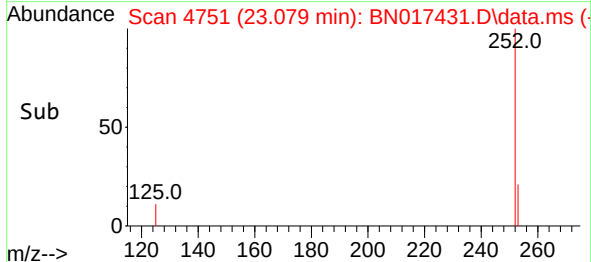
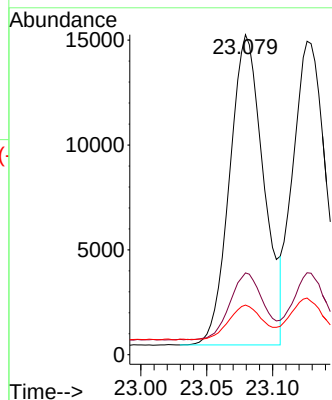
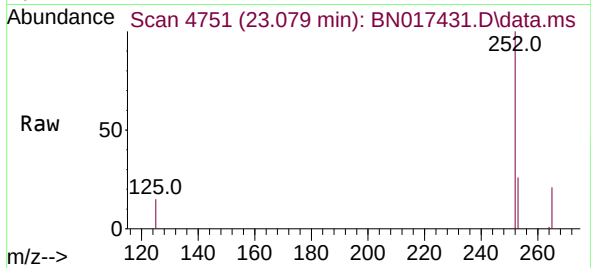




#24
Benzo(b)fluoranthene
Concen: 0.447 ng/ul
RT: 23.079 min Scan# 4751
Delta R.T. -0.020 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

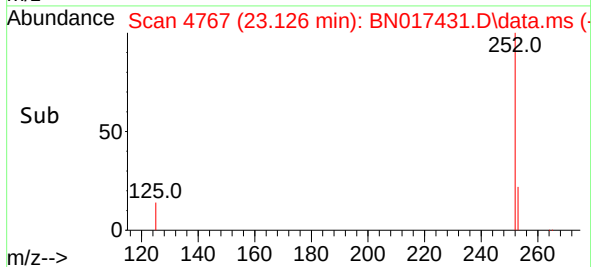
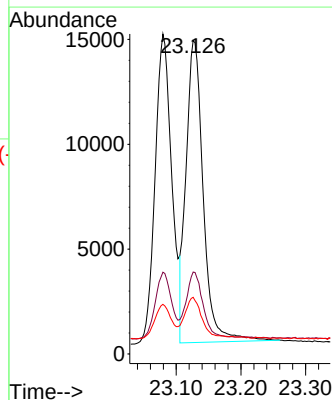
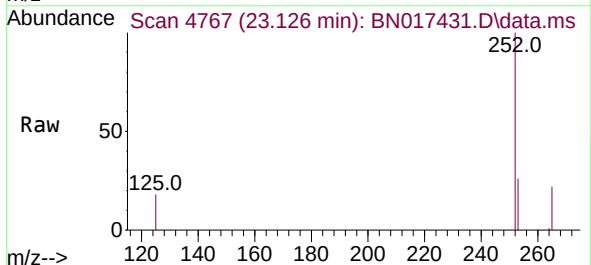
Instrument :
BNA_N
ClientSampleId :
SLCS499

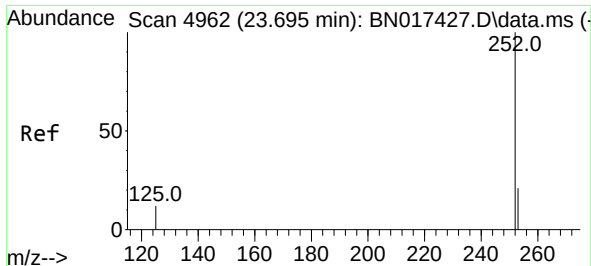
Tgt Ion:252 Resp: 26561
Ion Ratio Lower Upper
252 100
253 25.5 0.0 57.6
125 15.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 23.126 min Scan# 4767
Delta R.T. -0.020 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:252 Resp: 26530
Ion Ratio Lower Upper
252 100
253 26.1 23.1 34.7
125 18.1 17.1 25.7

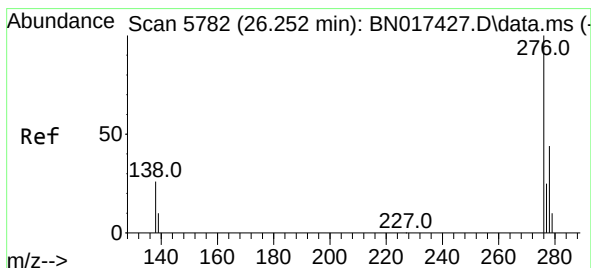
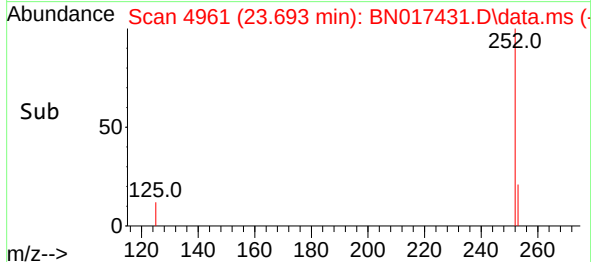
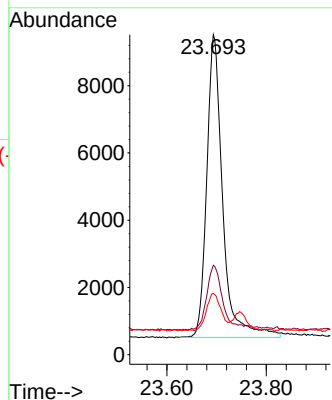
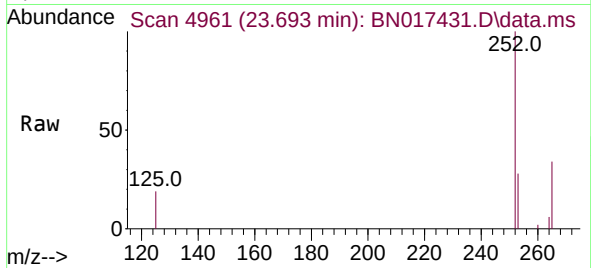




#26
Benzo(a)pyrene
Concen: 0.403 ng/ul
RT: 23.693 min Scan# 4961
Delta R.T. -0.020 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

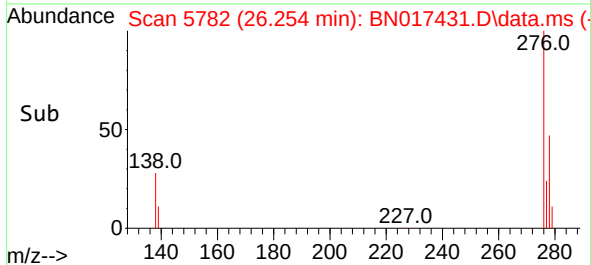
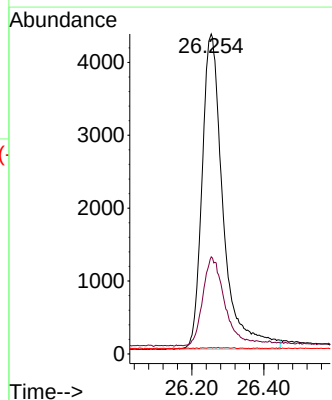
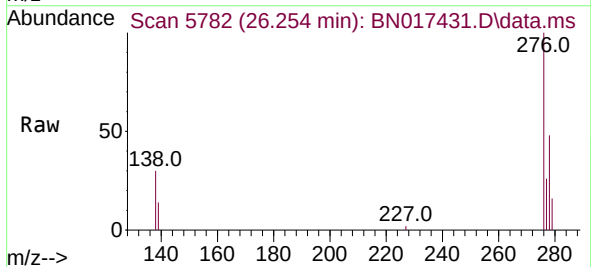
Instrument :
BNA_N
ClientSampleId :
SLCS499

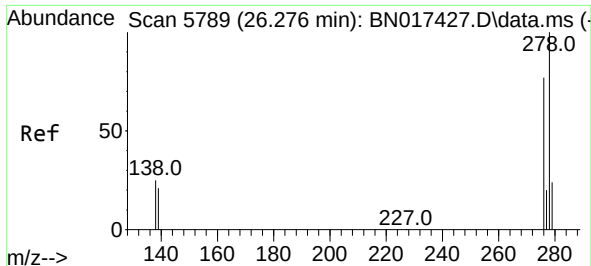
Tgt Ion:252 Resp: 20002
Ion Ratio Lower Upper
252 100
253 27.9 25.0 37.4
125 19.1 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.421 ng/ul
RT: 26.254 min Scan# 5782
Delta R.T. -0.033 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:276 Resp: 17617
Ion Ratio Lower Upper
276 100
138 30.1 0.1 0.1#
227 0.1 0.0 0.0#

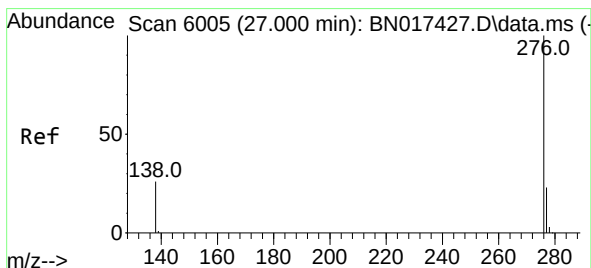
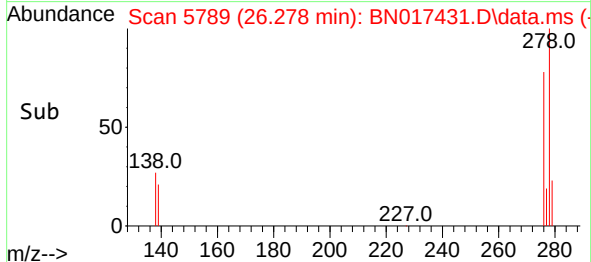
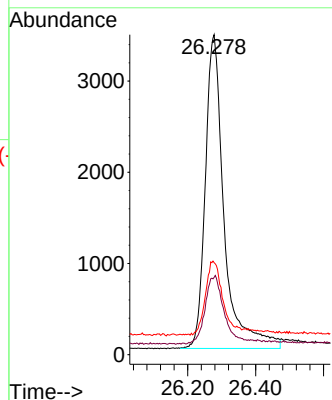
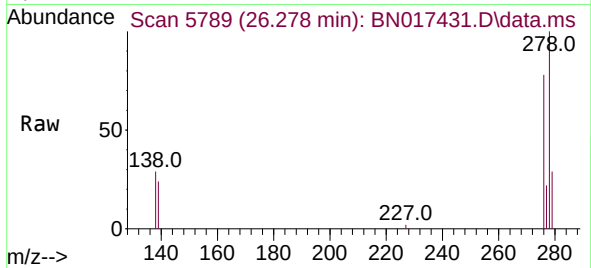




#28
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 26.278 min Scan# 51
Delta R.T. -0.036 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Instrument :
BNA_N
ClientSampleId :
SLCS499

Tgt Ion:278 Resp: 13235
Ion Ratio Lower Upper
278 100
139 24.1 21.8 32.8
279 28.7 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 26.999 min Scan# 6004
Delta R.T. -0.040 min
Lab File: BN017431.D
Acq: 14 Nov 2021 16:35

Tgt Ion:276 Resp: 17039
Ion Ratio Lower Upper
276 100
138 26.8 24.5 36.7
277 24.8 21.2 31.8

