

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017449.D
 Acq On : 15 Nov 2021 04:01
 Operator : CG/JU
 Sample : PB140526BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS526

Quant Time: Nov 15 05:47:21 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)

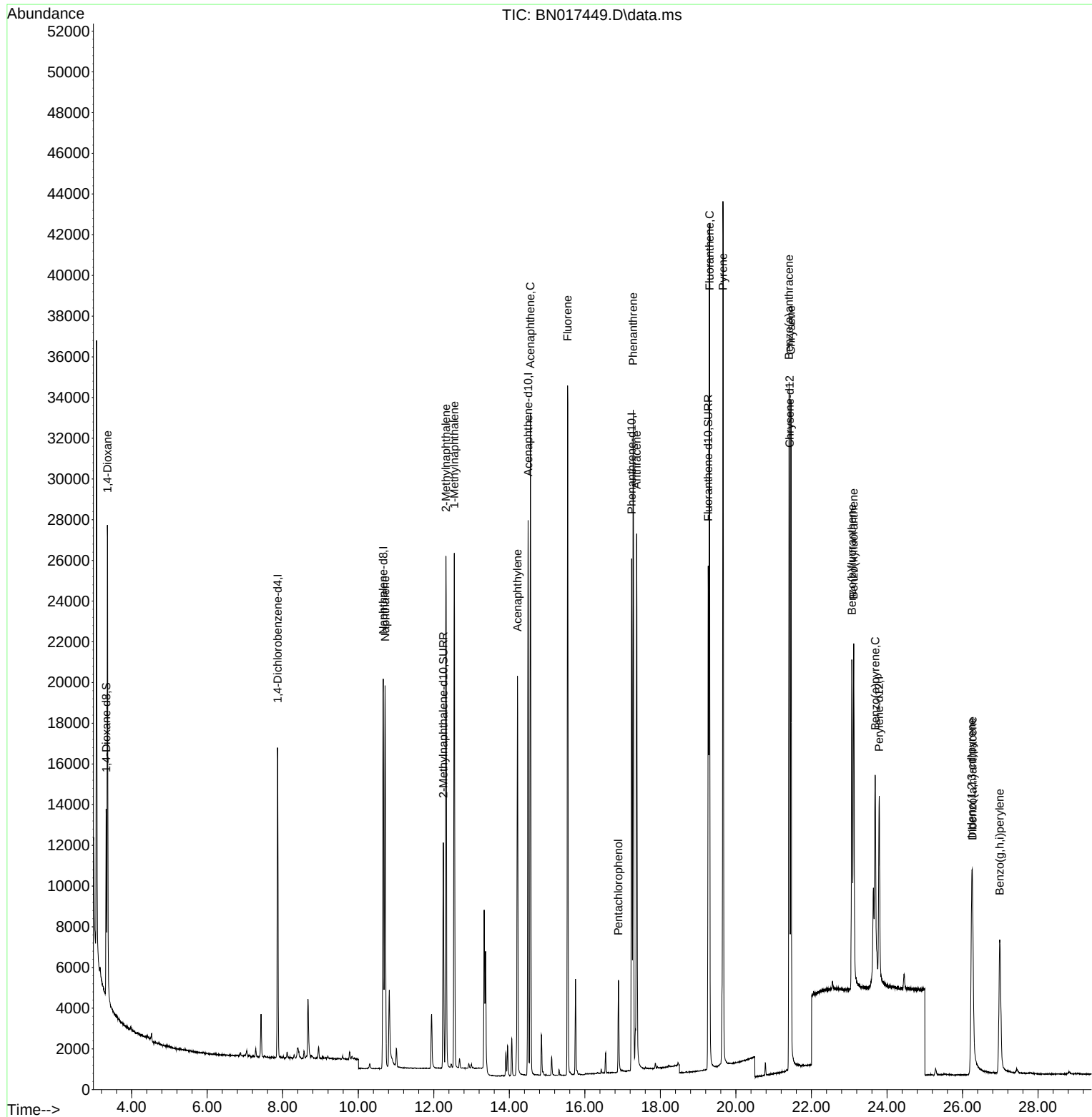
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	7554	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.662	136	26666	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.498	164	15009	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.239	188	29786	0.400	ng/ul	-0.01
17) Chrysene-d12	21.421	240	19189	0.400	ng/ul	-0.02
23) Perylene-d12	23.794	264	12719	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	5508	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	14704	0.357	ng/ul	-0.01
18) Fluoranthene-d10	19.267	212	27713	0.402	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.362	88	15173	1.420	ng/ul#	46
5) Naphthalene	10.711	128	26631	0.361	ng/ul	96
7) 2-Methylnaphthalene	12.323	142	18270	0.346	ng/ul	99
8) 1-Methylnaphthalene	12.543	142	17489	0.335	ng/ul	99
10) Acenaphthylene	14.216	152	22690	0.315	ng/ul	98
11) Acenaphthene	14.558	153	19081	0.370	ng/ul	99
12) Fluorene	15.543	166	21521	0.353	ng/ul	99
14) Pentachlorophenol	16.888	266	3268	0.501	ng/ul	99
15) Phenanthrene	17.281	178	34614	0.386	ng/ul	99
16) Anthracene	17.374	178	30369	0.337	ng/ul	99
19) Fluoranthene	19.300	202	36621	0.411	ng/ul	99
20) Pyrene	19.658	202	36631	0.403	ng/ul	100
21) Benzo(a)anthracene	21.406	228	25923	0.363	ng/ul	100
22) Chrysene	21.459	228	28675	0.401	ng/ul	100
24) Benzo(b)fluoranthene	23.069	252	22541	0.434	ng/ul	94
25) Benzo(k)fluoranthene	23.119	252	23846	0.445	ng/ul	94
26) Benzo(a)pyrene	23.686	252	17535	0.404	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.242	276	16983	0.464	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.266	278	12665	0.465	ng/ul	94
29) Benzo(g,h,i)perylene	26.987	276	16537	0.493	ng/ul	94

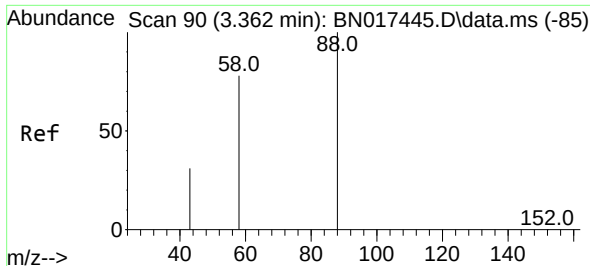
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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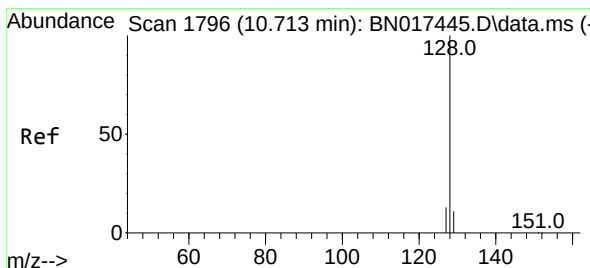
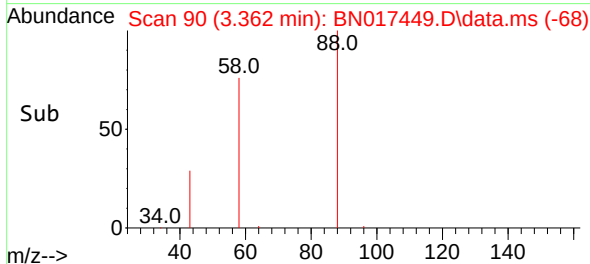
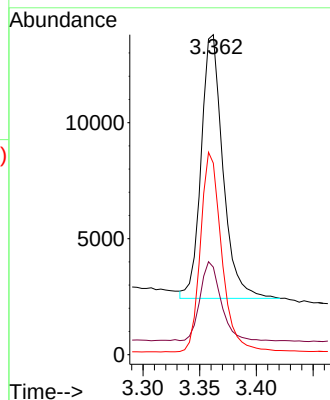
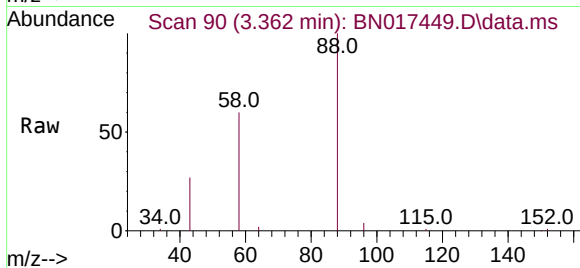




#2
1,4-Dioxane
Concen: 1.420 ng/ul
RT: 3.362 min Scan# 90
Delta R.T. -0.009 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

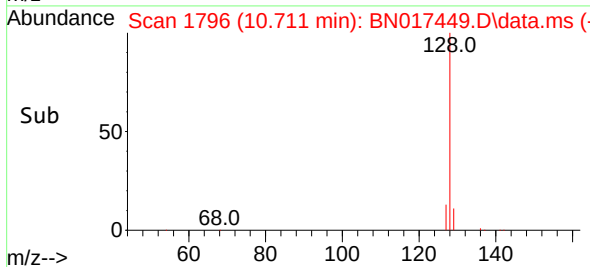
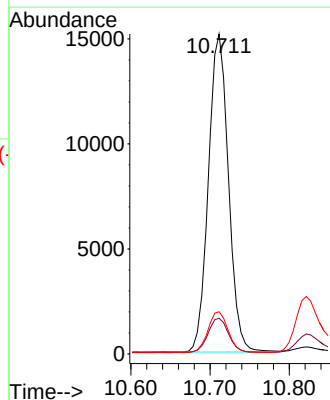
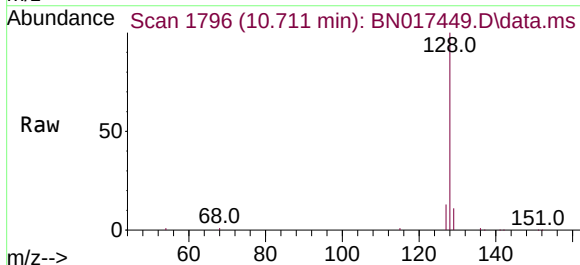
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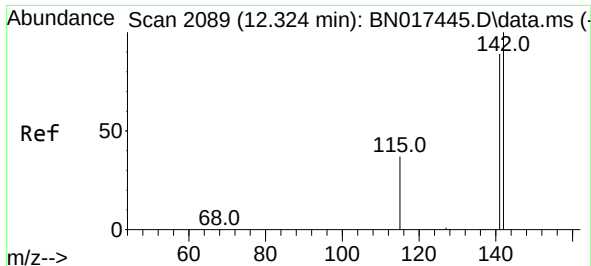
Tgt Ion: 88 Resp: 15173
Ion Ratio Lower Upper
88 100
43 27.4 85.8 128.6#
58 59.8 43.4 65.0



#5
Naphthalene
Concen: 0.361 ng/ul
RT: 10.711 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion: 128 Resp: 26631
Ion Ratio Lower Upper
128 100
129 11.2 10.4 15.6
127 13.2 11.8 17.6

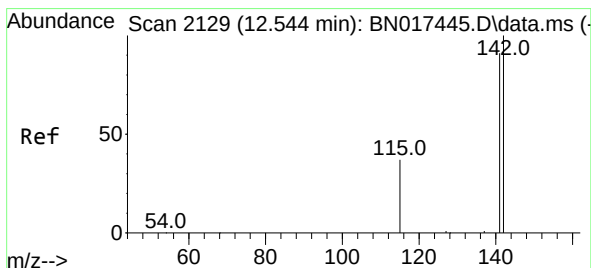
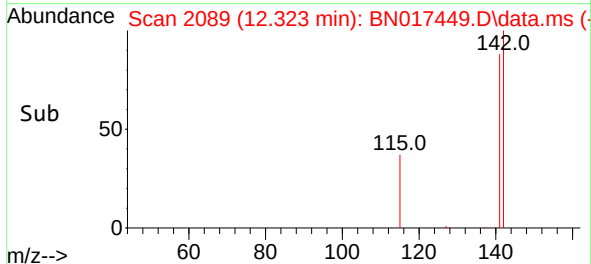
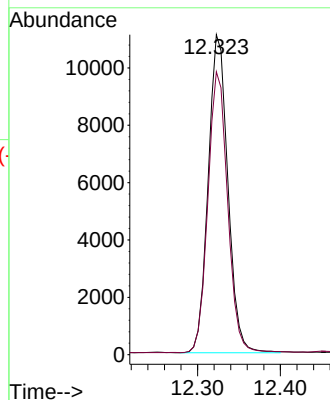
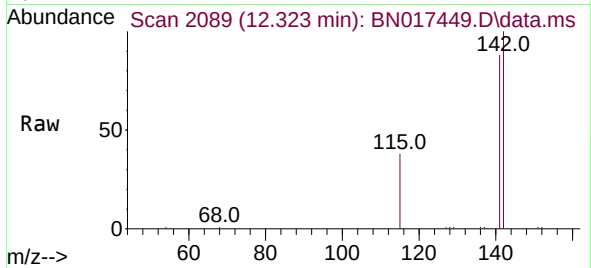




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.323 min Scan# 2089
Delta R.T. -0.012 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

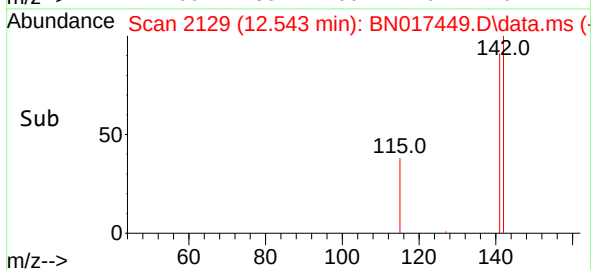
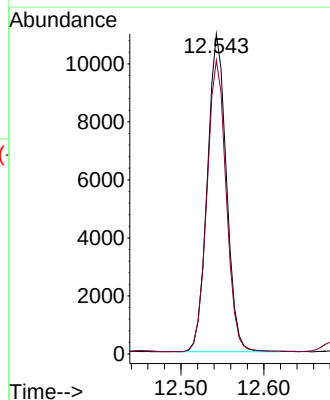
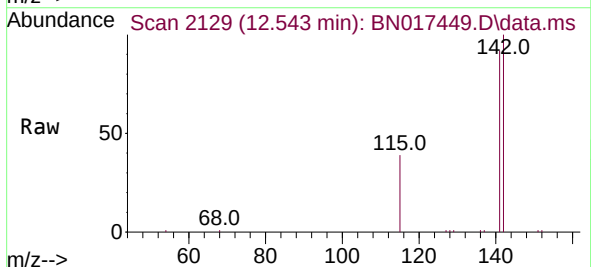
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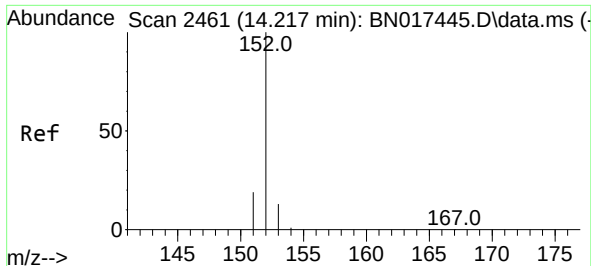
Tgt Ion:142 Resp: 18270
Ion Ratio Lower Upper
142 100
141 88.6 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.335 ng/ul
RT: 12.543 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:142 Resp: 17489
Ion Ratio Lower Upper
142 100
141 92.5 73.3 109.9

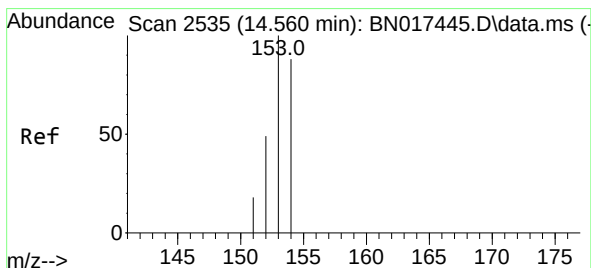
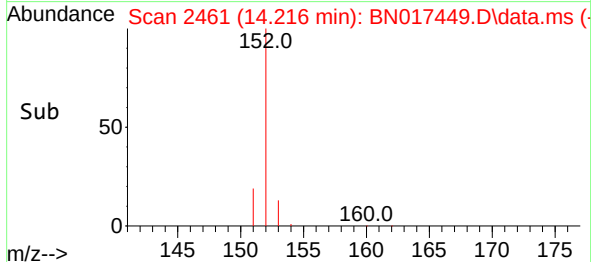
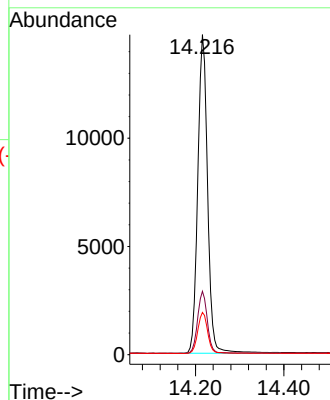
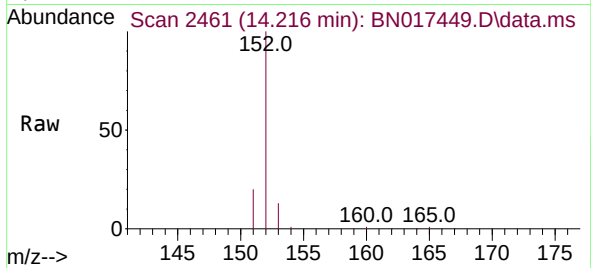




#10
Acenaphthylene
Concen: 0.315 ng/ul
RT: 14.216 min Scan# 2461
Delta R.T. -0.011 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

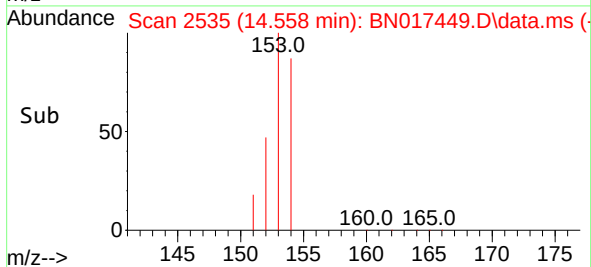
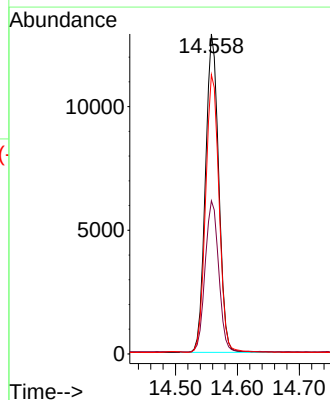
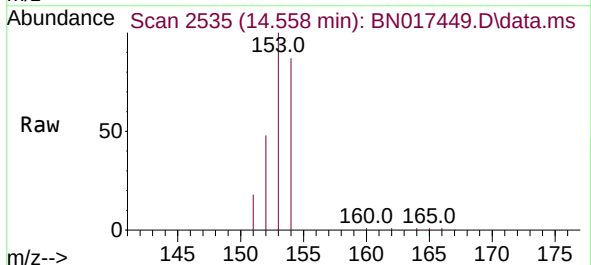
Instrument :
BNA_N
ClientSampleId :
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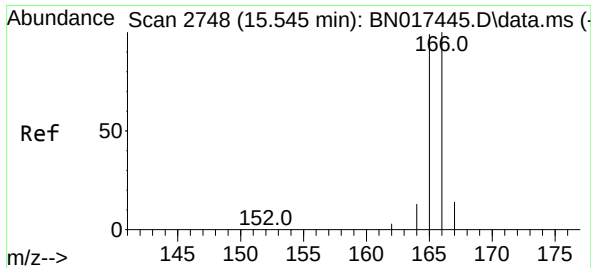
Tgt Ion:152 Resp: 22690
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 0.370 ng/ul
RT: 14.558 min Scan# 2535
Delta R.T. -0.015 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:153 Resp: 19081
Ion Ratio Lower Upper
153 100
152 47.9 38.3 57.5
154 87.2 71.1 106.7

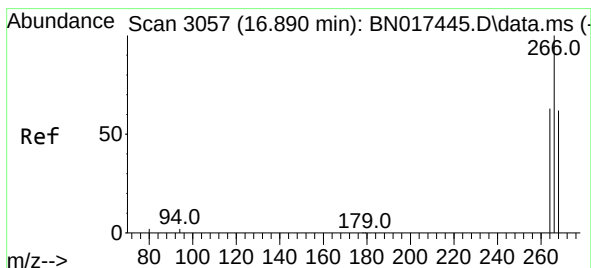
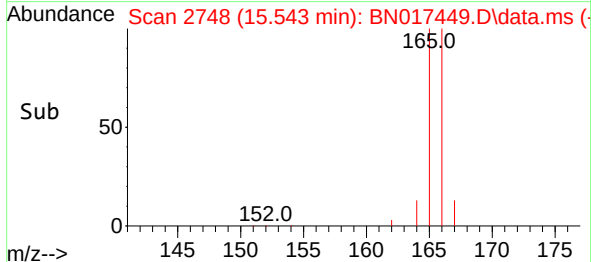
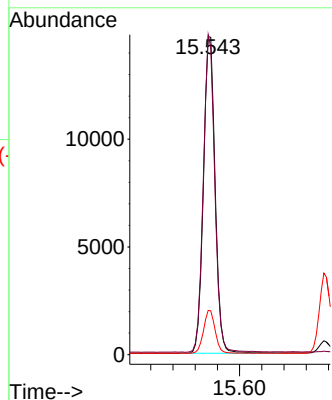
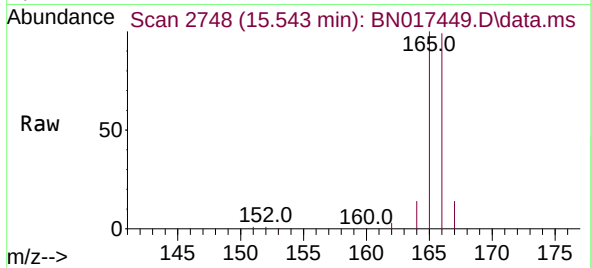




#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.543 min Scan# 21
Delta R.T. -0.015 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

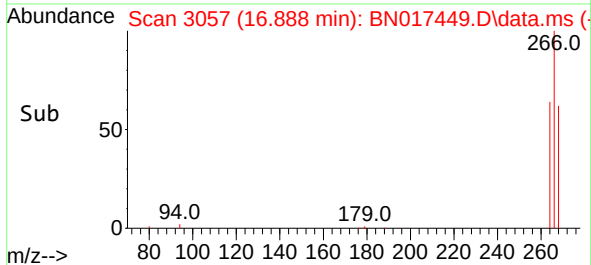
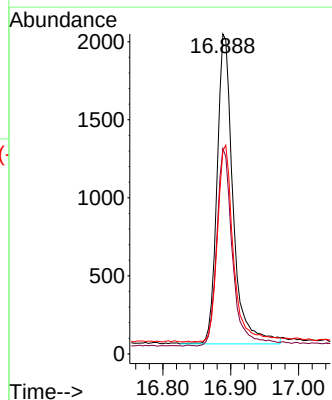
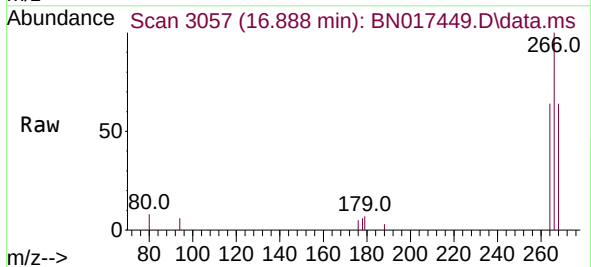
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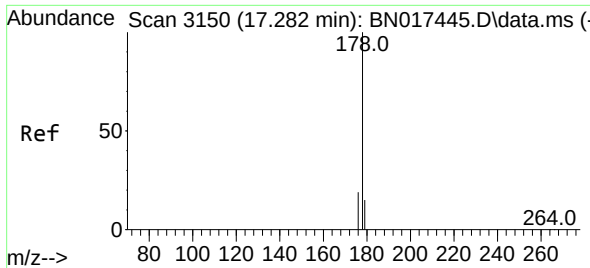
Tgt Ion:166 Resp: 21521
Ion Ratio Lower Upper
166 100
165 100.5 79.2 118.8
167 13.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.501 ng/ul
RT: 16.888 min Scan# 3057
Delta R.T. -0.014 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:266 Resp: 3268
Ion Ratio Lower Upper
266 100
264 63.1 50.3 75.5
268 63.4 52.2 78.4

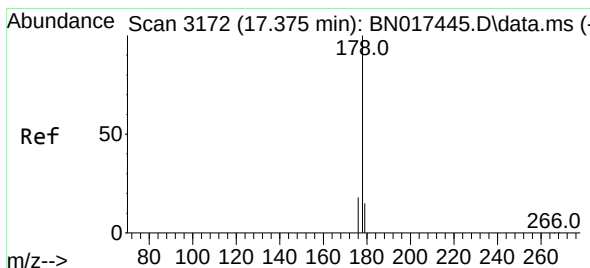
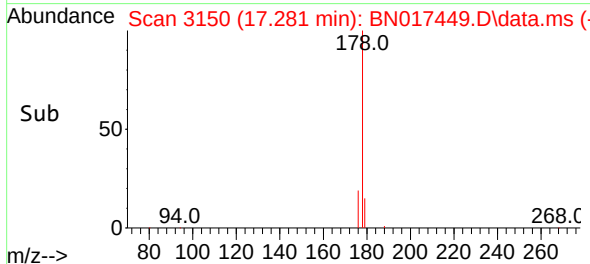
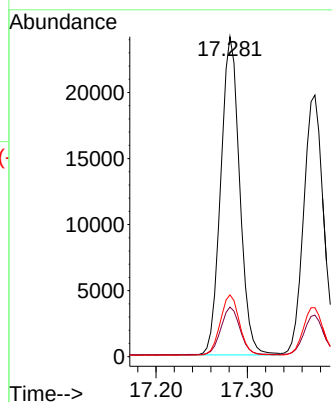
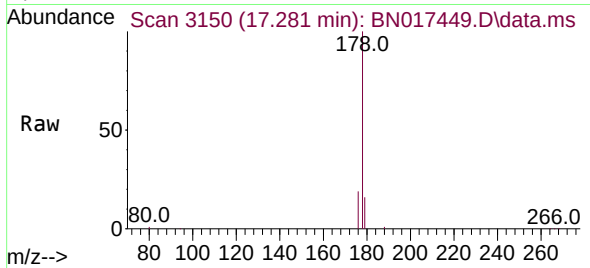




#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.281 min Scan# 3150
Delta R.T. -0.014 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

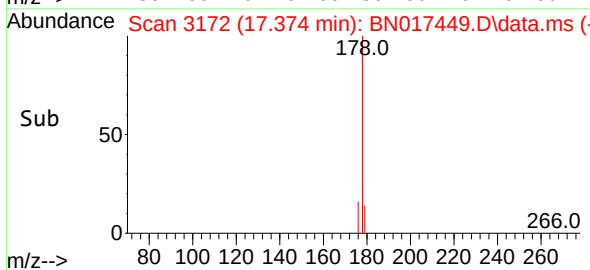
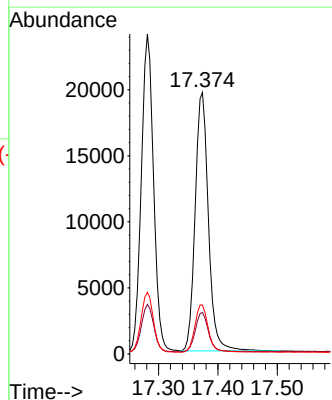
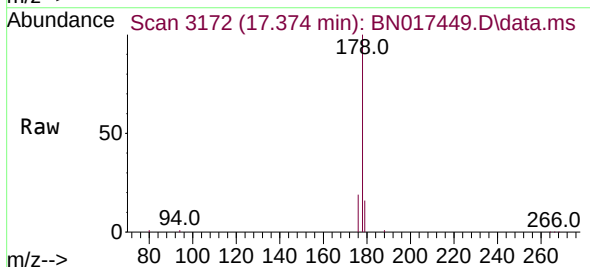
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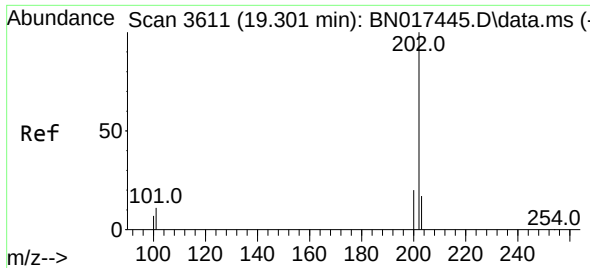
Tgt Ion:178	Resp:	34614
Ion Ratio	Lower	Upper
178	100	
179	15.5	13.0 19.4
176	19.3	15.6 23.4



#16
Anthracene
Concen: 0.337 ng/ul
RT: 17.374 min Scan# 3172
Delta R.T. -0.014 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:178	Resp:	30369
Ion Ratio	Lower	Upper
178	100	
179	15.9	13.3 19.9
176	18.7	15.1 22.7

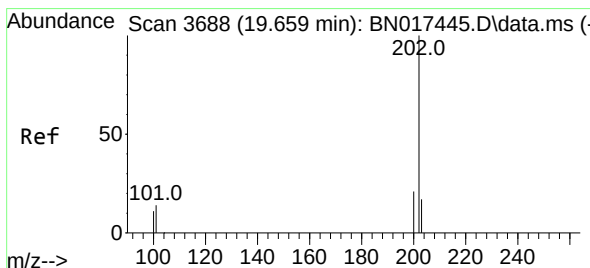
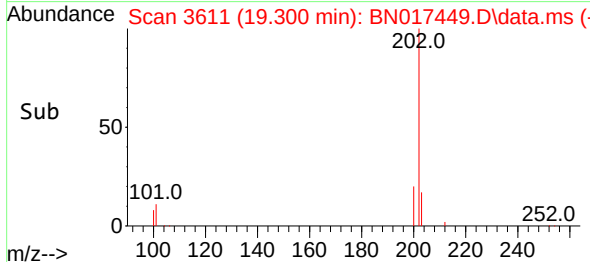
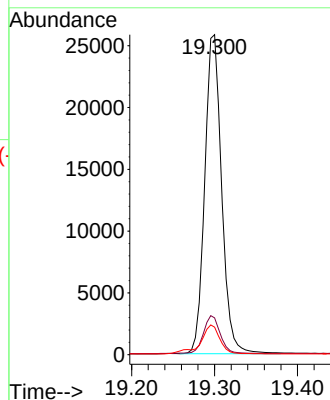
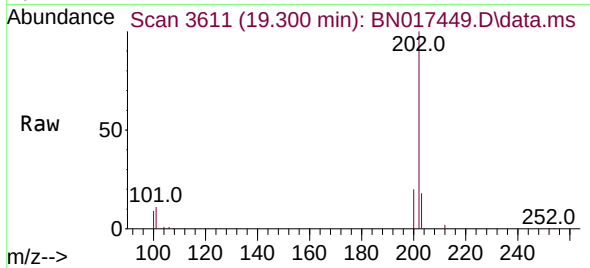




#19
Fluoranthene
Concen: 0.411 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.015 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

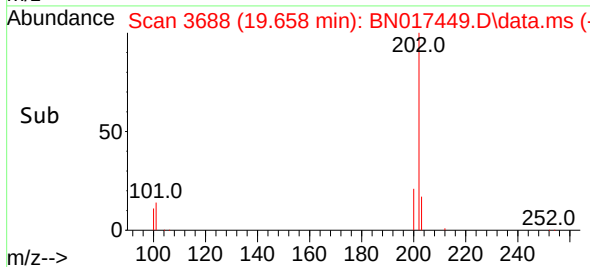
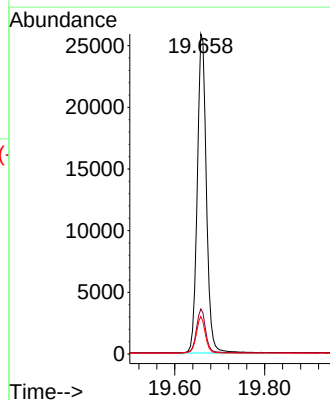
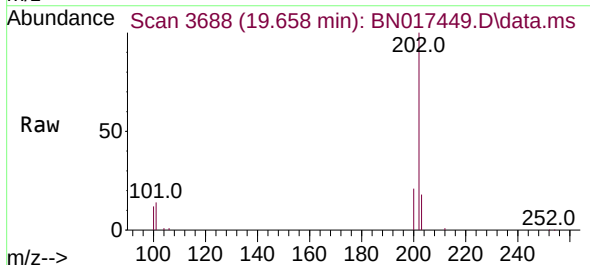
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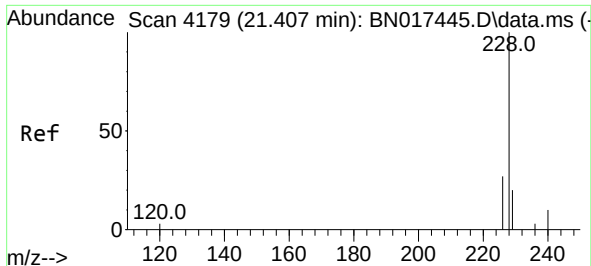
Tgt Ion:202 Resp: 36621
Ion Ratio Lower Upper
202 100
101 11.5 9.0 13.4
100 8.6 6.8 10.2



#20
Pyrene
Concen: 0.403 ng/ul
RT: 19.658 min Scan# 3688
Delta R.T. -0.015 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:202 Resp: 36631
Ion Ratio Lower Upper
202 100
101 14.1 11.4 17.2
100 11.7 9.4 14.0

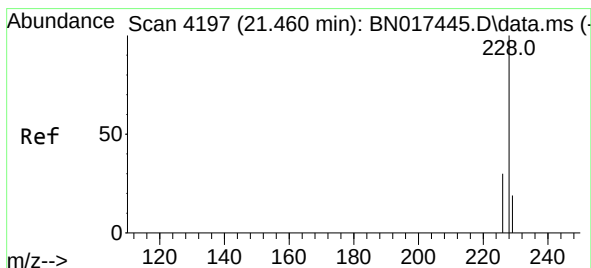
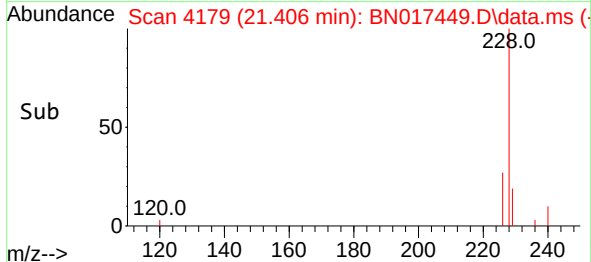
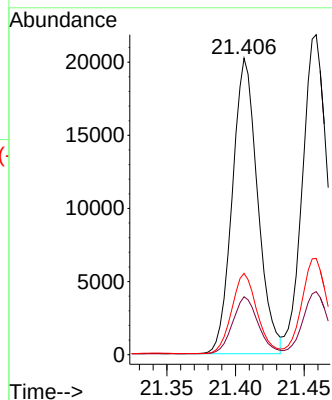
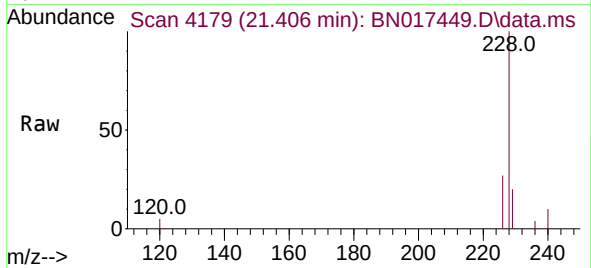




#21
Benzo(a)anthracene
Concen: 0.363 ng/ul
RT: 21.406 min Scan# 4179
Delta R.T. -0.019 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

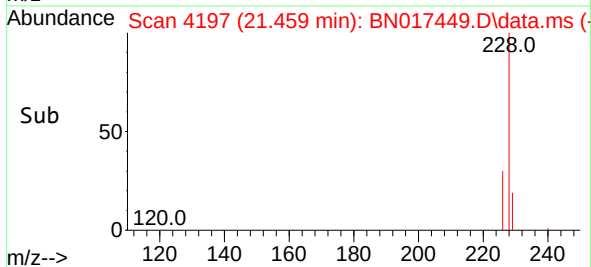
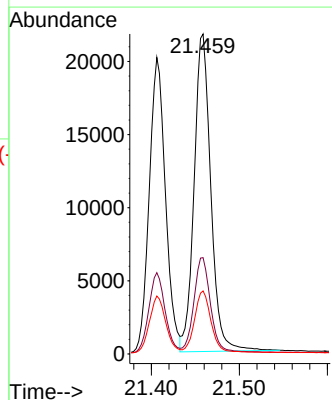
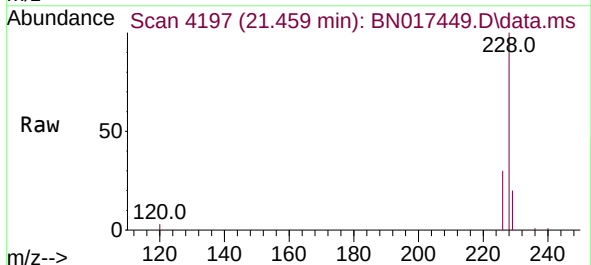
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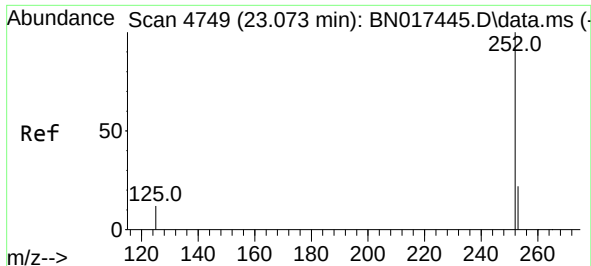
Tgt Ion:228 Resp: 25923
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.4 21.8 32.8



#22
Chrysene
Concen: 0.401 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. -0.019 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:228 Resp: 28675
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.7 15.7 23.5

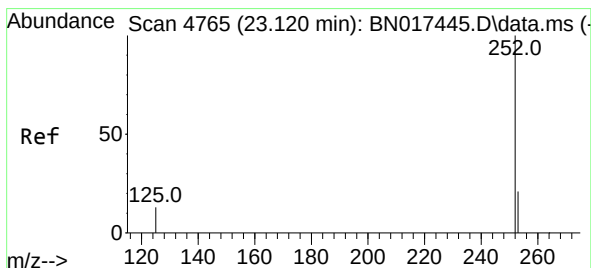
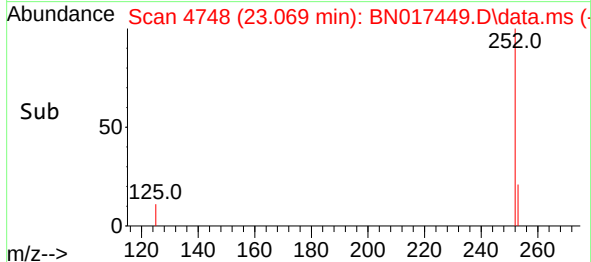
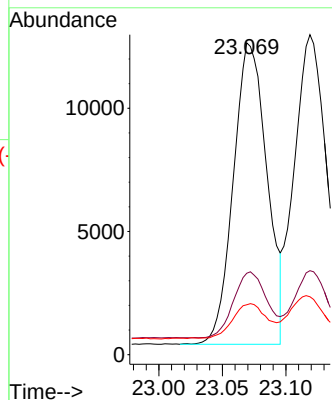
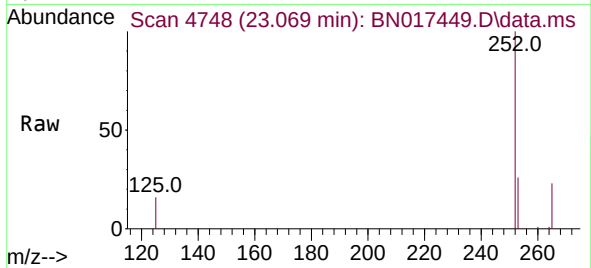




#24
Benzo(b)fluoranthene
Concen: 0.434 ng/ul
RT: 23.069 min Scan# 4748
Delta R.T. -0.030 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

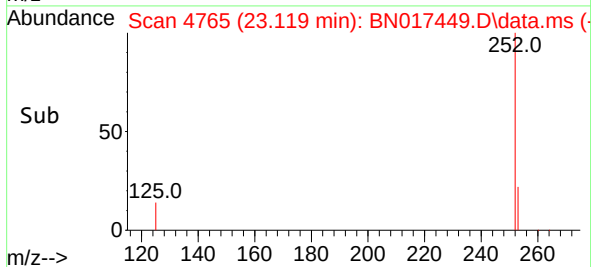
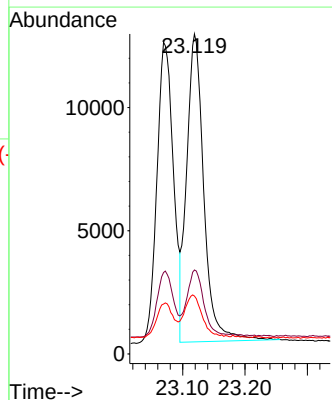
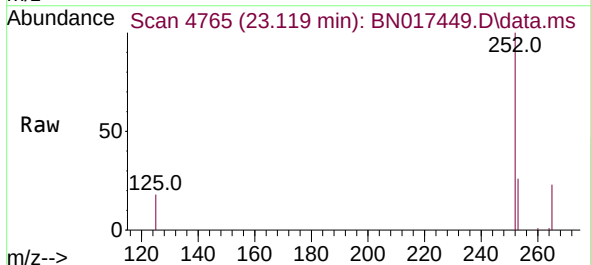
Instrument :
BNA_N
ClientSampleId :
SLCS526

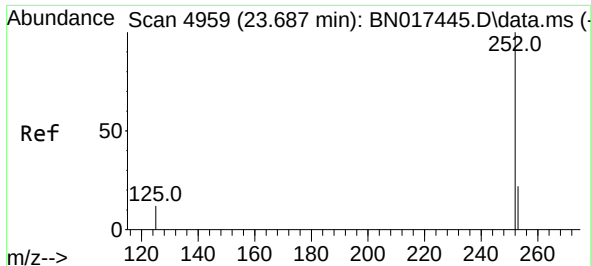
Tgt Ion:252 Resp: 22541
Ion Ratio Lower Upper
252 100
253 26.1 0.0 57.6
125 16.0 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.445 ng/ul
RT: 23.119 min Scan# 4765
Delta R.T. -0.027 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:252 Resp: 23846
Ion Ratio Lower Upper
252 100
253 26.3 23.1 34.7
125 18.1 17.1 25.7

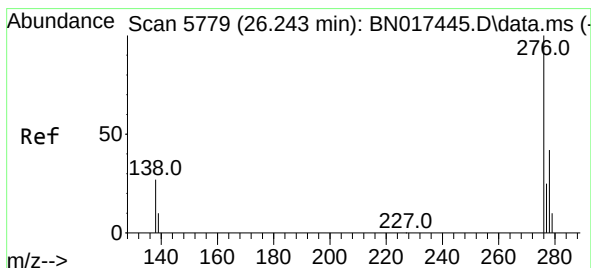
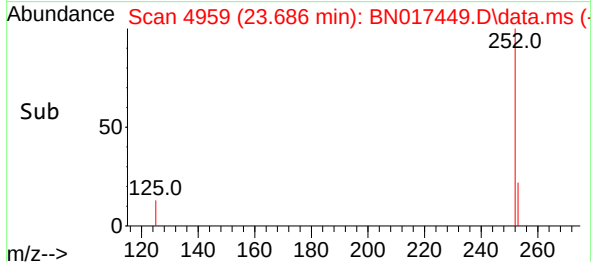
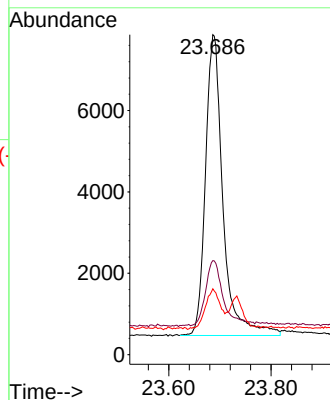
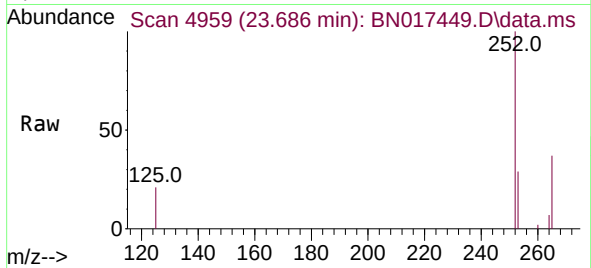




#26
Benzo(a)pyrene
Concen: 0.404 ng/ul
RT: 23.686 min Scan# 4959
Delta R.T. -0.027 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

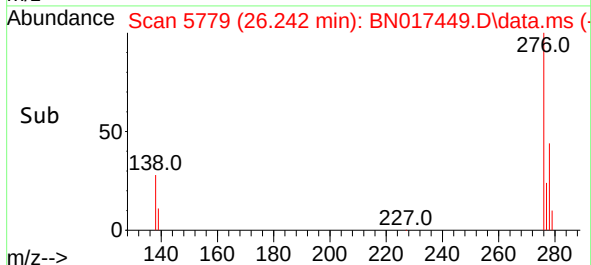
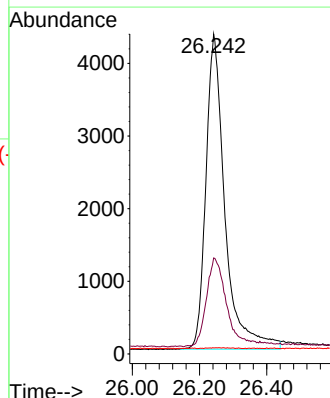
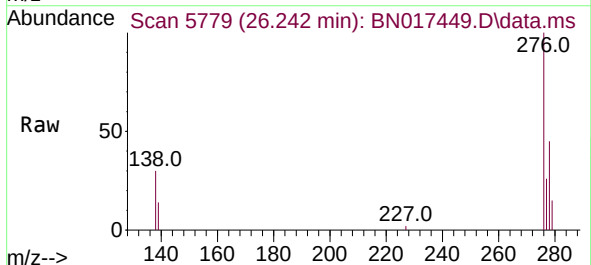
Instrument :
BNA_N
ClientSampleId :
SLCS526

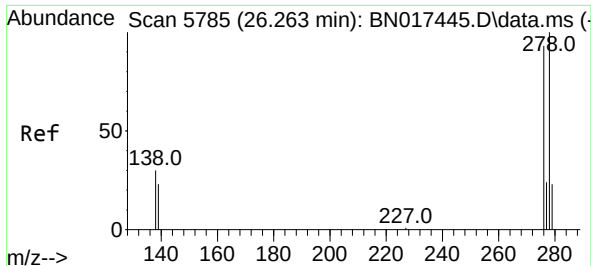
Tgt Ion:	252	Resp:	17535
Ion Ratio	Lower	Upper	
252	100		
253	29.4	25.0	37.4
125	20.6	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/ul
RT: 26.242 min Scan# 5779
Delta R.T. -0.045 min
Lab File: BN017449.D
Acq: 15 Nov 2021 04:01

Tgt Ion:	276	Resp:	16983
Ion Ratio	Lower	Upper	
276	100		
138	29.6	0.1	0.1#
227	0.1	0.0	0.0#

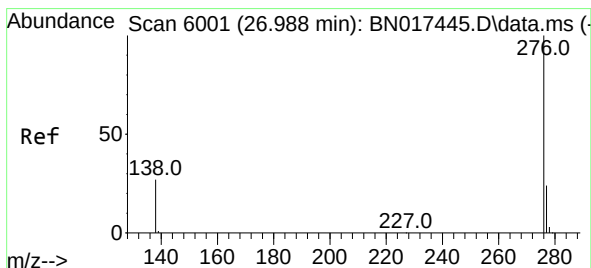
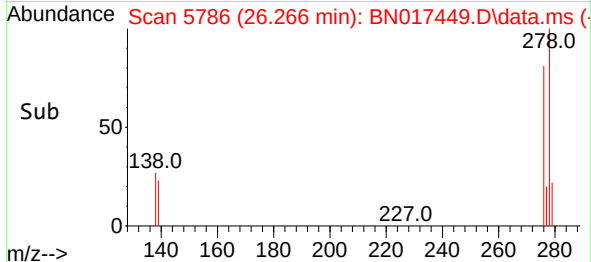
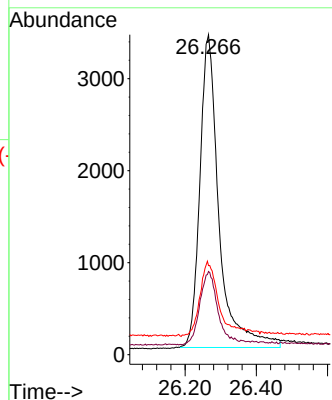
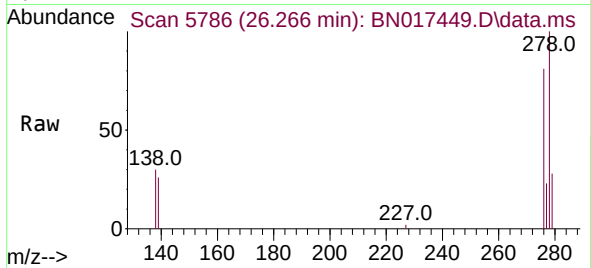




#28
 Dibenzo(a,h)anthracene
 Concen: 0.465 ng/ul
 RT: 26.266 min Scan# 51
 Delta R.T. -0.048 min
 Lab File: BN017449.D
 Acq: 15 Nov 2021 04:01

Instrument :
 BNA_N
 ClientSampleId :
 SLCS526

Tgt Ion:278 Resp: 12665
 Ion Ratio Lower Upper
 278 100
 139 26.0 21.8 32.8
 279 27.9 26.3 39.5



#29
 Benzo(g,h,i)perylene
 Concen: 0.493 ng/ul
 RT: 26.987 min Scan# 6001
 Delta R.T. -0.051 min
 Lab File: BN017449.D
 Acq: 15 Nov 2021 04:01

Tgt Ion:276 Resp: 16537
 Ion Ratio Lower Upper
 276 100
 138 26.5 24.5 36.7
 277 24.8 21.2 31.8

