

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017412.D
 Acq On : 14 Nov 2021 04:38
 Operator : CG/JU
 Sample : PB140633BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS633

Quant Time: Nov 15 04:39:00 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)

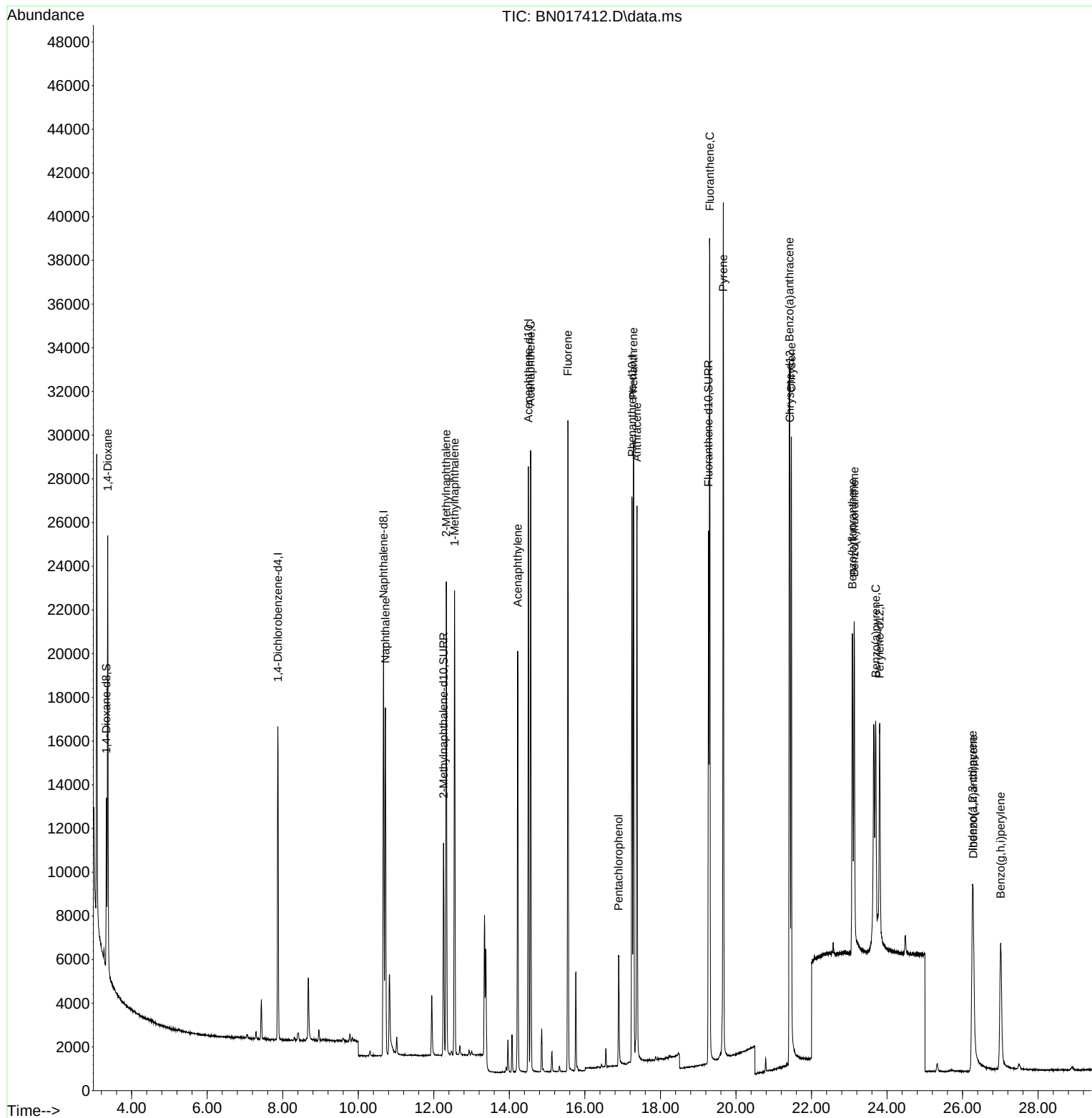
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.872	152	7151	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	25471	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.504	164	14862	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.249	188	30130	0.400	ng/ul	0.00
17) Chrysene-d12	21.428	240	20044	0.400	ng/ul	-0.01
23) Perylene-d12	23.804	264	13412	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	4824	0.615	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	12610	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.274	212	26094	0.362	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	13472	1.332	ng/ul#	50
5) Naphthalene	10.718	128	22018	0.313	ng/ul	97
7) 2-Methylnaphthalene	12.330	142	15237	0.302	ng/ul	99
8) 1-Methylnaphthalene	12.550	142	14646	0.294	ng/ul	99
10) Acenaphthylene	14.222	152	21353	0.299	ng/ul	99
11) Acenaphthene	14.564	153	16218	0.318	ng/ul	99
12) Fluorene	15.549	166	18939	0.313	ng/ul	100
14) Pentachlorophenol	16.894	266	3613	0.548	ng/ul	98
15) Phenanthrene	17.287	178	30153	0.333	ng/ul	99
16) Anthracene	17.380	178	28073	0.308	ng/ul	99
19) Fluoranthene	19.306	202	32874	0.354	ng/ul	100
20) Pyrene	19.664	202	33494	0.352	ng/ul	99
21) Benzo(a)anthracene	21.413	228	24342	0.327	ng/ul	99
22) Chrysene	21.466	228	25786	0.346	ng/ul	100
24) Benzo(b)fluoranthene	23.082	252	20647	0.377	ng/ul	96
25) Benzo(k)fluoranthene	23.132	252	21031	0.372	ng/ul	98
26) Benzo(a)pyrene	23.699	252	16246	0.355	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.260	276	15009	0.389	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.284	278	11267	0.392	ng/ul	96
29) Benzo(g,h,i)perylene	27.008	276	14527	0.411	ng/ul	97

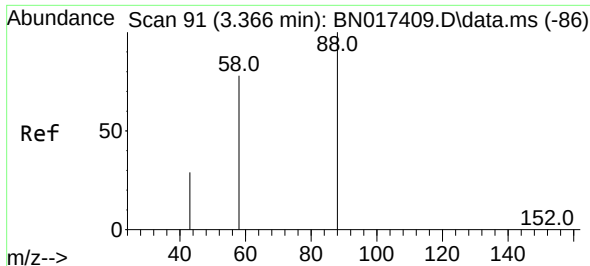
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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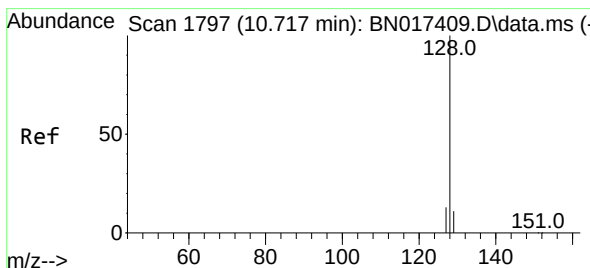
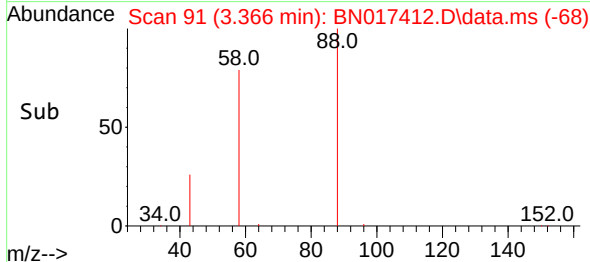
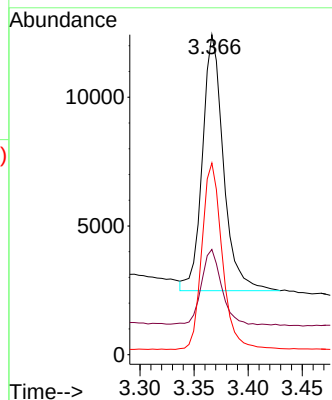
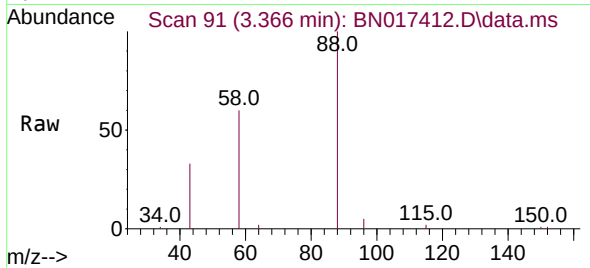




#2
 1,4-Dioxane
 Concen: 1.332 ng/ul
 RT: 3.366 min Scan# 91
 Delta R.T. -0.004 min
 Lab File: BN017412.D
 Acq: 14 Nov 2021 04:38

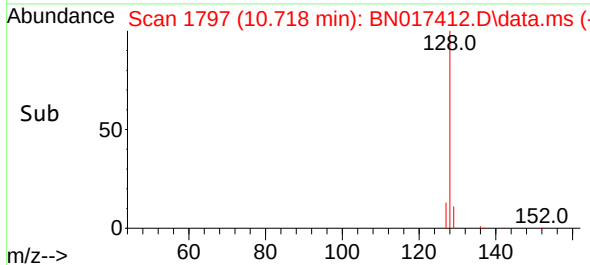
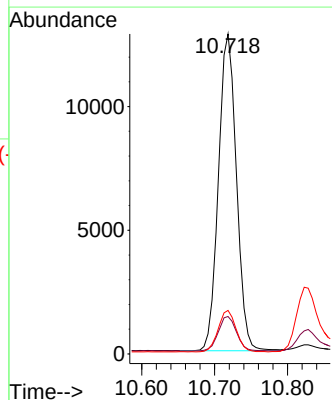
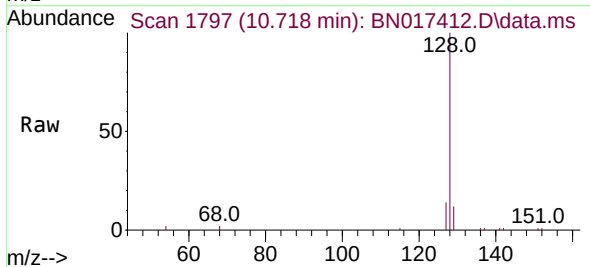
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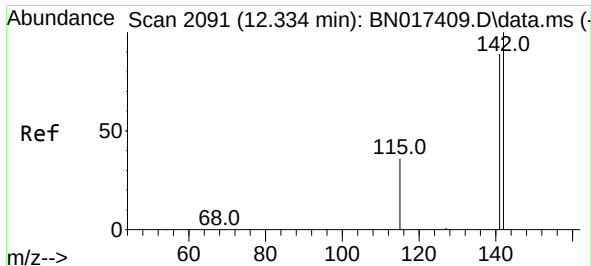
Tgt Ion: 88 Resp: 13472
 Ion Ratio Lower Upper
 88 100
 43 32.9 85.8 128.6#
 58 59.9 43.4 65.0



#5
 Naphthalene
 Concen: 0.313 ng/ul
 RT: 10.718 min Scan# 1797
 Delta R.T. -0.006 min
 Lab File: BN017412.D
 Acq: 14 Nov 2021 04:38

Tgt Ion:128 Resp: 22018
 Ion Ratio Lower Upper
 128 100
 129 11.7 10.4 15.6
 127 13.6 11.8 17.6

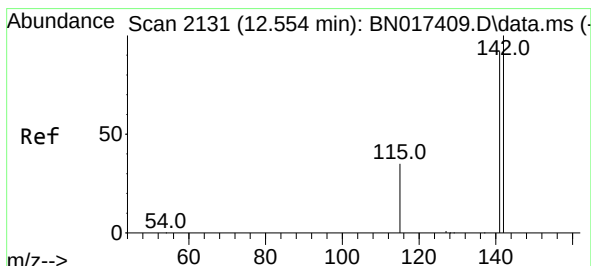
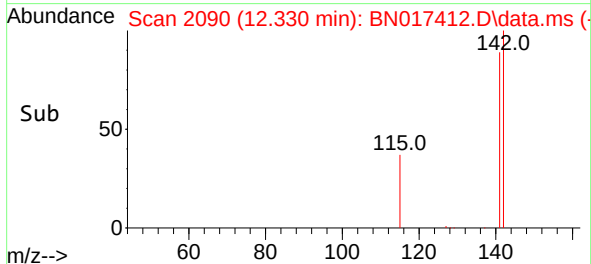
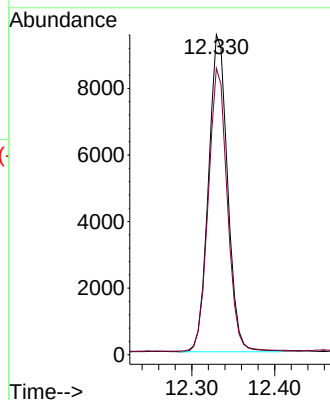
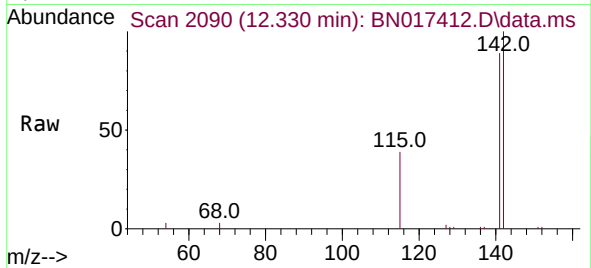




#7
2-Methylnaphthalene
Concen: 0.302 ng/ul
RT: 12.330 min Scan# 2091
Delta R.T. -0.006 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

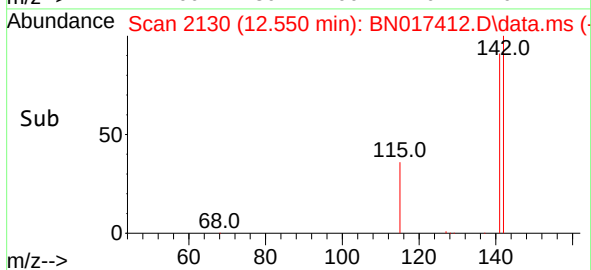
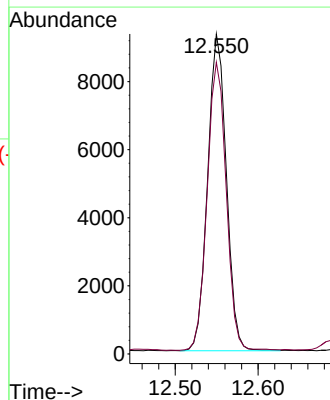
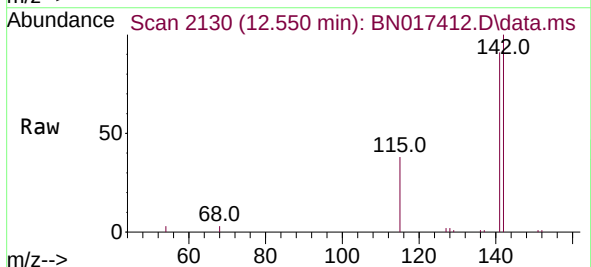
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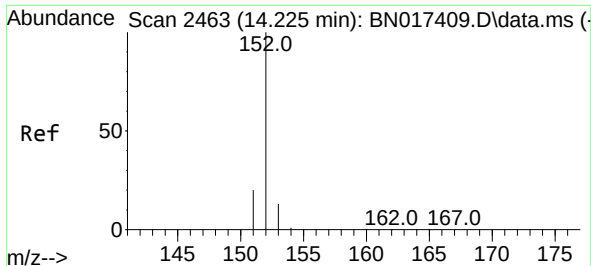
Tgt Ion:142 Resp: 15237
Ion Ratio Lower Upper
142 100
141 88.9 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.294 ng/ul
RT: 12.550 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

Tgt Ion:142 Resp: 14646
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9

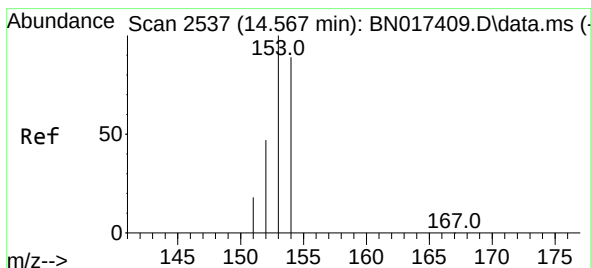
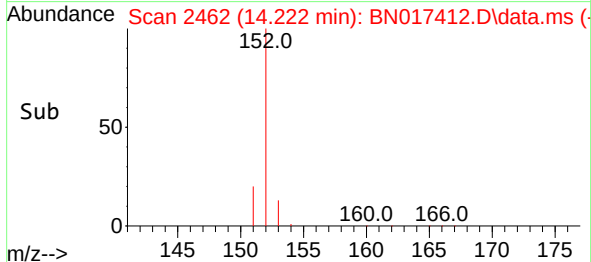
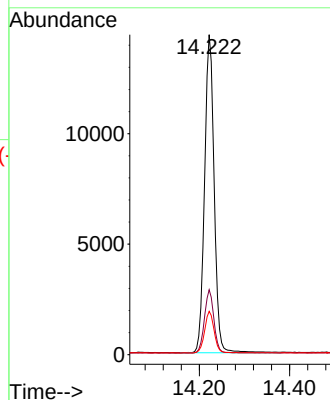
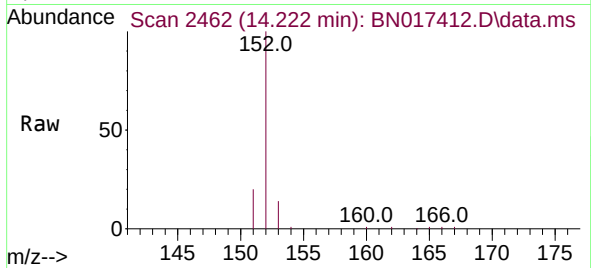




#10
Acenaphthylene
Concen: 0.299 ng/ul
RT: 14.222 min Scan# 2462
Delta R.T. -0.005 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

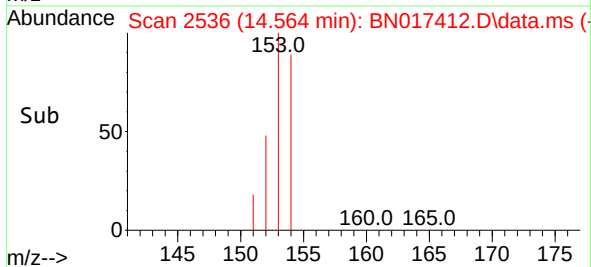
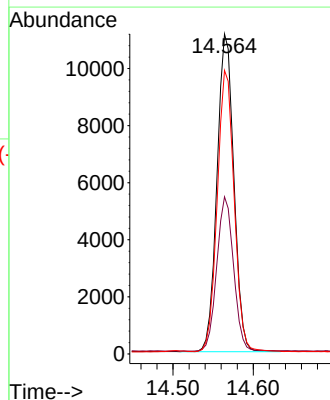
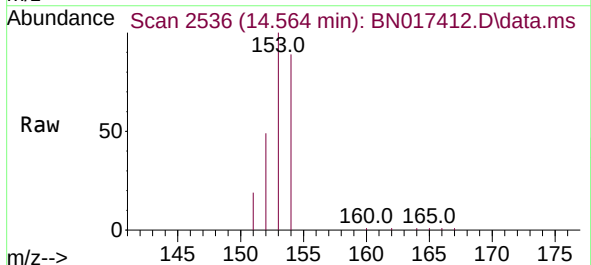
Instrument :
BNA_N
ClientSampleId :
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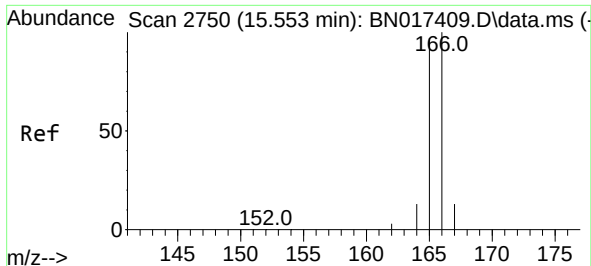
Tgt Ion:152 Resp: 21353
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.6 11.1 16.7



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.564 min Scan# 2536
Delta R.T. -0.009 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

Tgt Ion:153 Resp: 16218
Ion Ratio Lower Upper
153 100
152 49.1 38.3 57.5
154 88.6 71.1 106.7

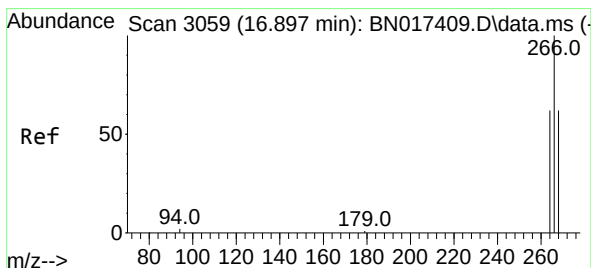
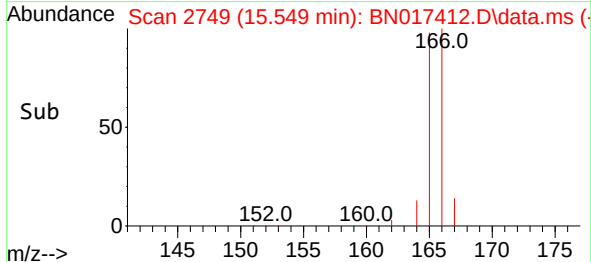
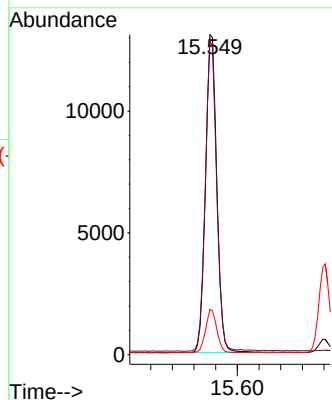
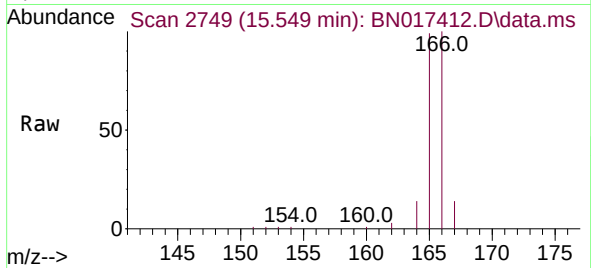




#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.549 min Scan# 2749
Delta R.T. -0.009 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

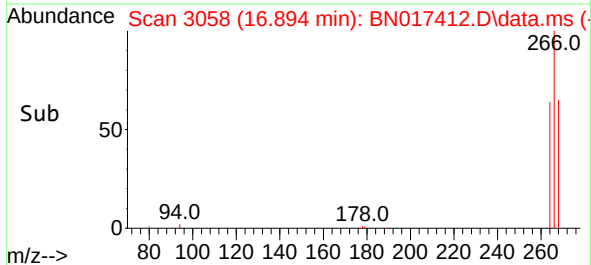
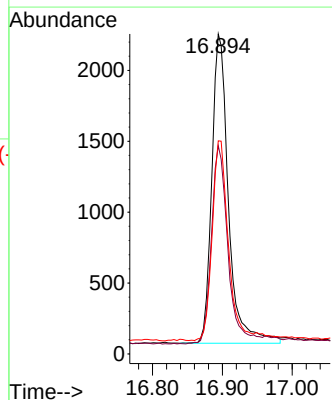
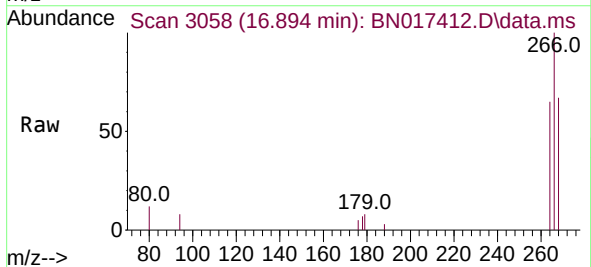
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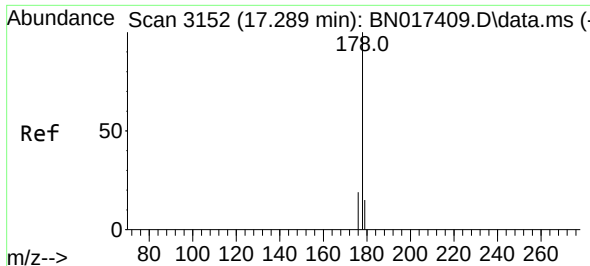
Tgt Ion:166 Resp: 18939
Ion Ratio Lower Upper
166 100
165 98.6 79.2 118.8
167 14.1 11.2 16.8



#14
Pentachlorophenol
Concen: 0.548 ng/ul
RT: 16.894 min Scan# 3058
Delta R.T. -0.008 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

Tgt Ion:266 Resp: 3613
Ion Ratio Lower Upper
266 100
264 65.5 50.3 75.5
268 64.5 52.2 78.4

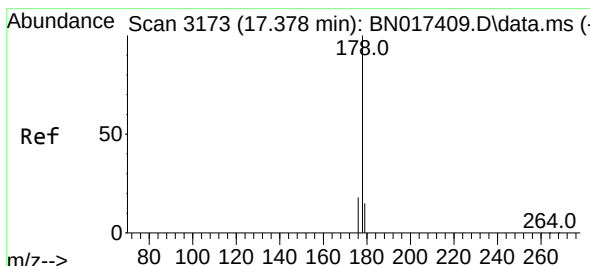
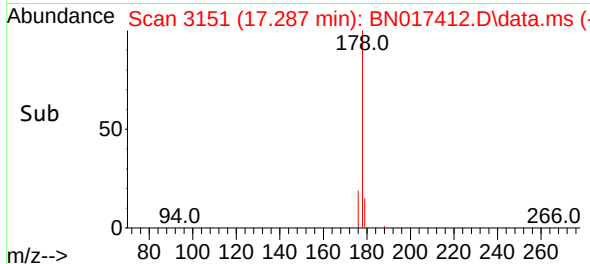
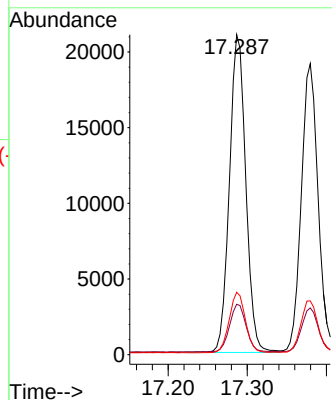
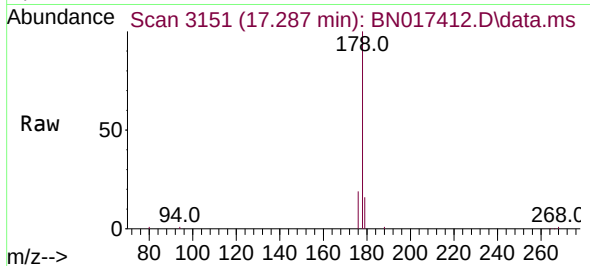




#15
 Phenanthrene
 Concen: 0.333 ng/ul
 RT: 17.287 min Scan# 3151
 Delta R.T. -0.008 min
 Lab File: BN017412.D
 Acq: 14 Nov 2021 04:38

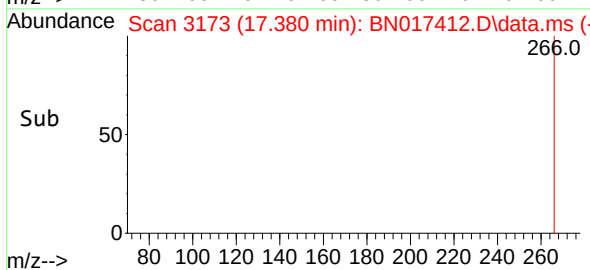
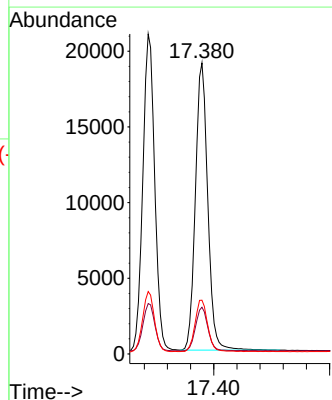
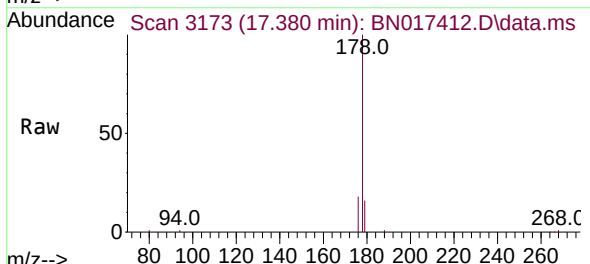
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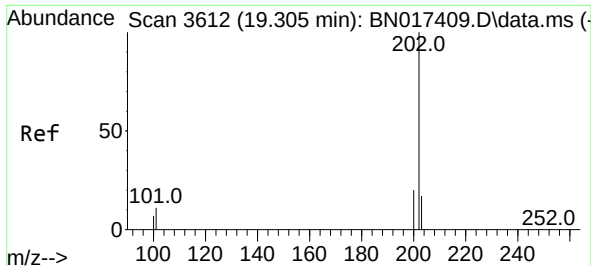
Tgt Ion:	178	Resp:	30153
Ion Ratio	Lower	Upper	
178	100		
179	15.7	13.0	19.4
176	19.5	15.6	23.4



#16
 Anthracene
 Concen: 0.308 ng/ul
 RT: 17.380 min Scan# 3173
 Delta R.T. -0.008 min
 Lab File: BN017412.D
 Acq: 14 Nov 2021 04:38

Tgt Ion:	178	Resp:	28073
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.3	19.9
176	18.5	15.1	22.7

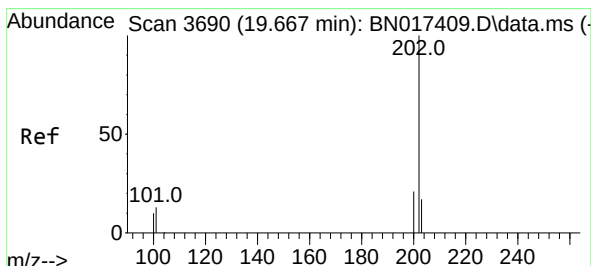
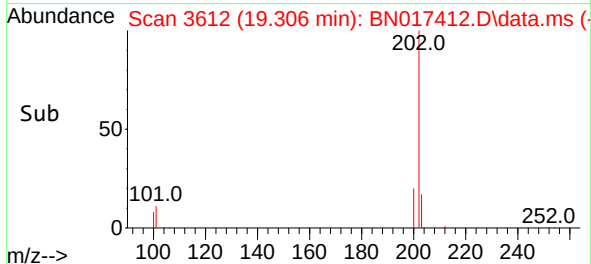
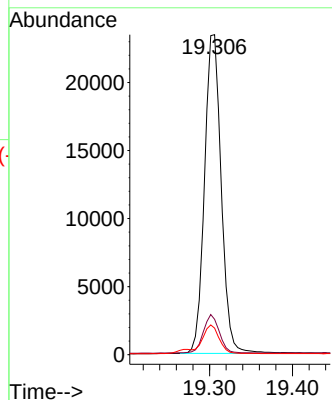
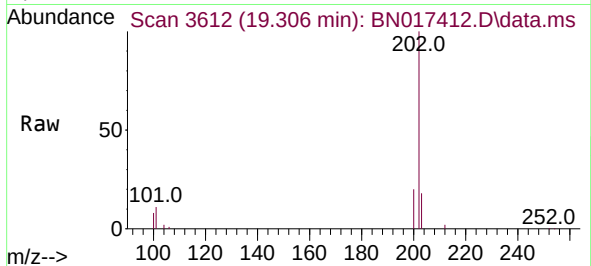




#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.306 min Scan# 3612
Delta R.T. -0.009 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

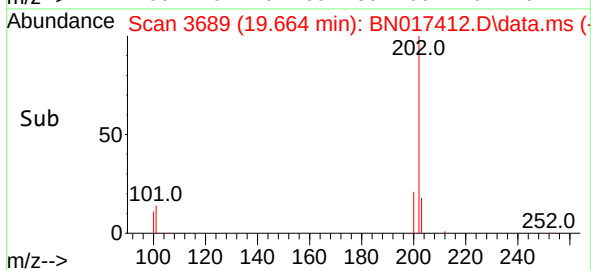
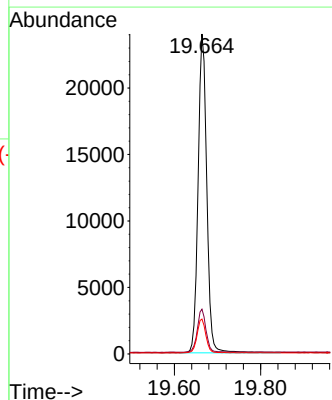
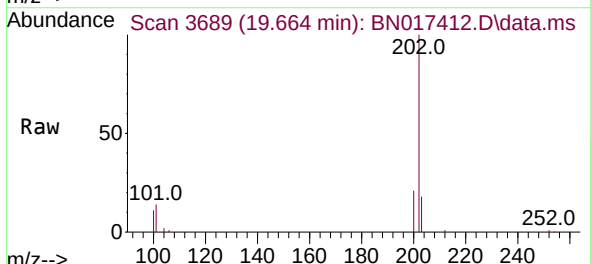
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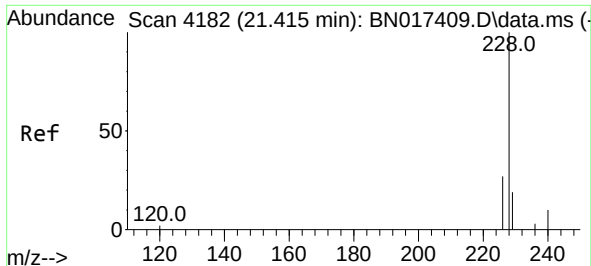
Tgt Ion:202 Resp: 32874
Ion Ratio Lower Upper
202 100
101 11.1 9.0 13.4
100 8.3 6.8 10.2



#20
Pyrene
Concen: 0.352 ng/ul
RT: 19.664 min Scan# 3689
Delta R.T. -0.009 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

Tgt Ion:202 Resp: 33494
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.2
100 10.9 9.4 14.0

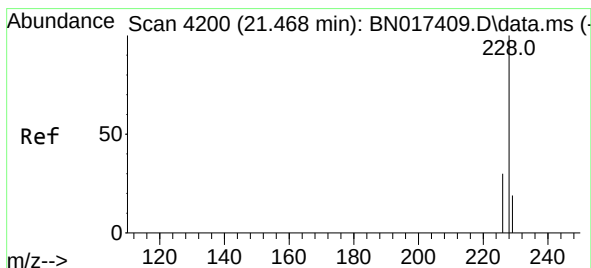
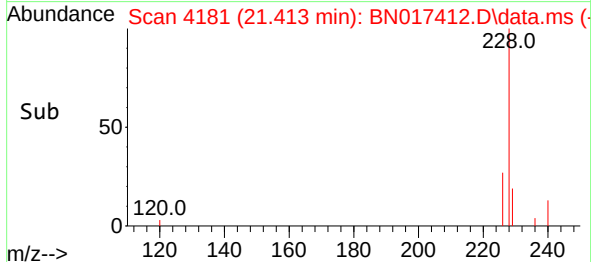
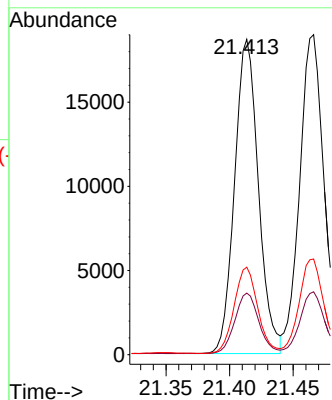
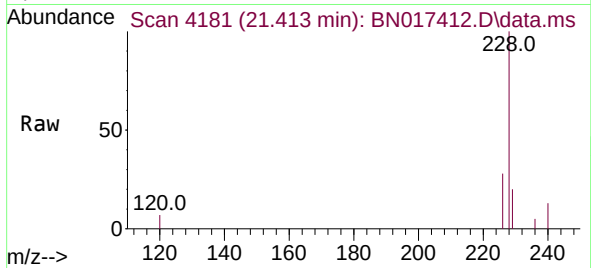




#21
Benzo(a)anthracene
Concen: 0.327 ng/ul
RT: 21.413 min Scan# 4181
Delta R.T. -0.011 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

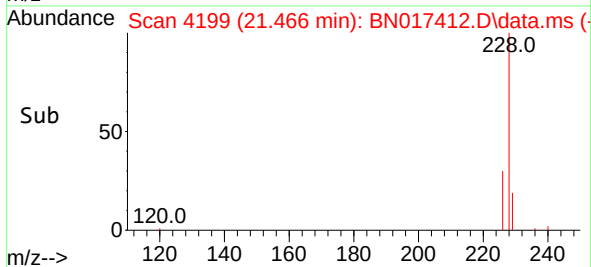
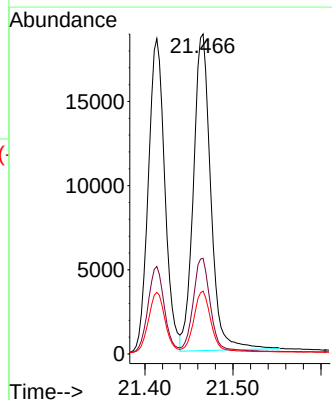
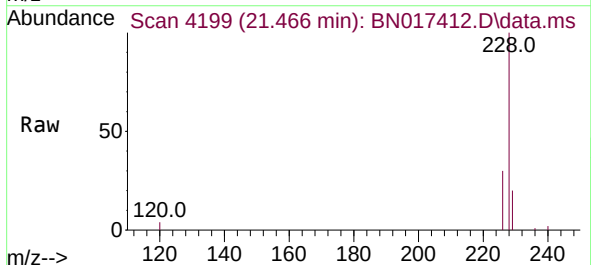
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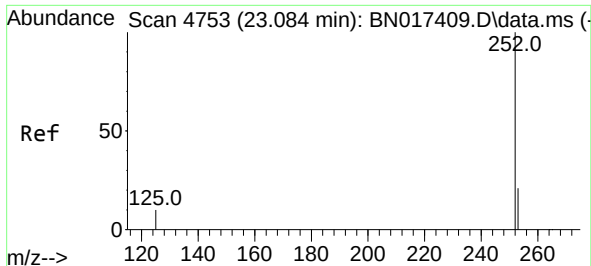
Tgt Ion:228 Resp: 24342
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.8 21.8 32.8



#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.466 min Scan# 4199
Delta R.T. -0.011 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

Tgt Ion:228 Resp: 25786
Ion Ratio Lower Upper
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226 29.9 23.9 35.9
229 19.7 15.7 23.5

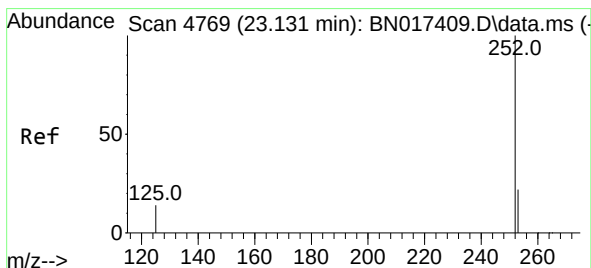
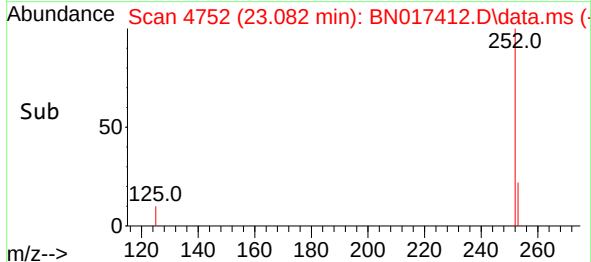
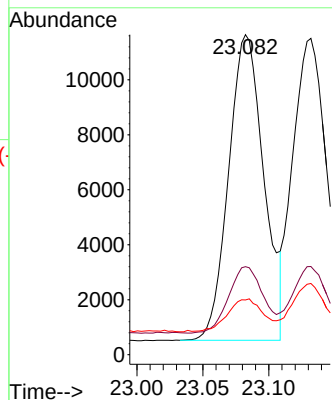
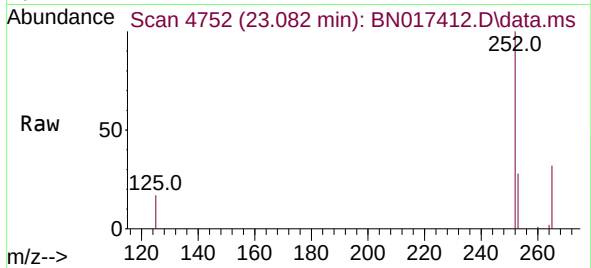




#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.082 min Scan# 4753
Delta R.T. -0.017 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

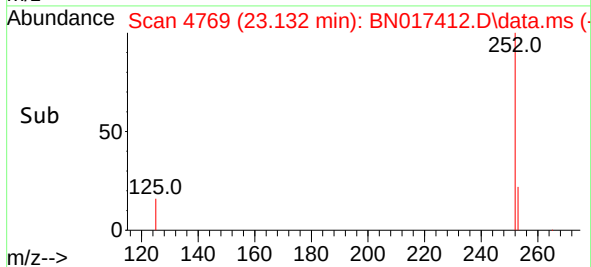
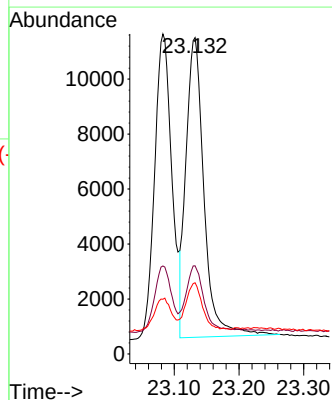
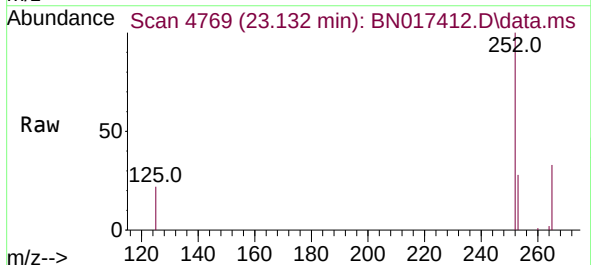
Instrument :
BNA_N
ClientSampleId :
SLCS633

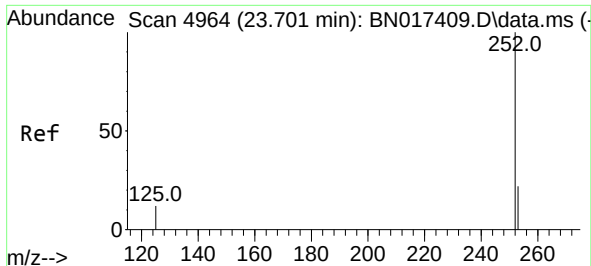
Tgt Ion:252 Resp: 20647
Ion Ratio Lower Upper
252 100
253 27.5 0.0 57.6
125 17.1 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.372 ng/ul
RT: 23.132 min Scan# 4769
Delta R.T. -0.014 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

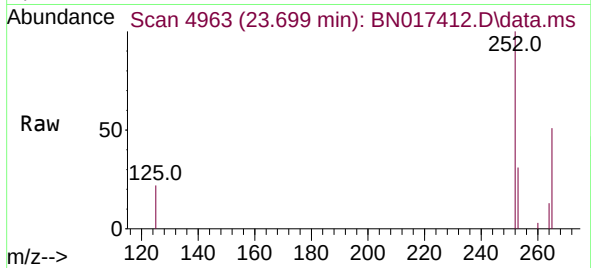
Tgt Ion:252 Resp: 21031
Ion Ratio Lower Upper
252 100
253 27.9 23.1 34.7
125 22.5 17.1 25.7



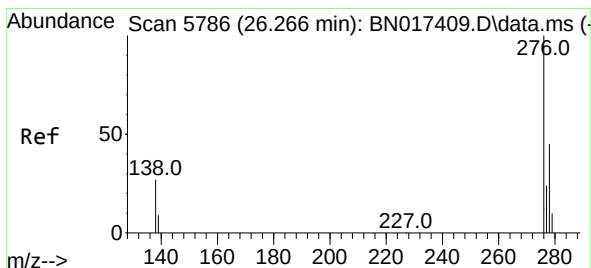
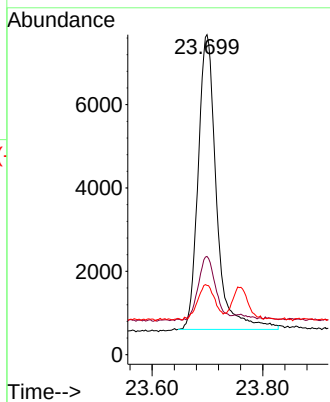
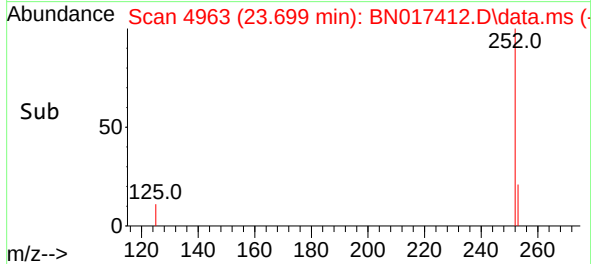


#26
Benzo(a)pyrene
Concen: 0.355 ng/ul
RT: 23.699 min Scan# 4963
Delta R.T. -0.014 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38

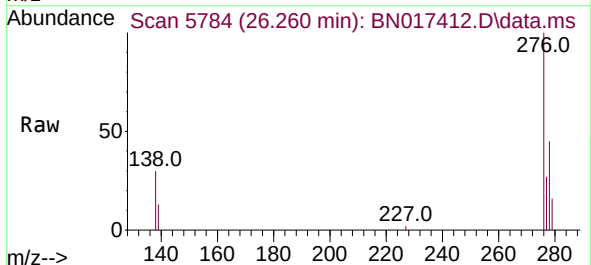
Instrument :
BNA_N
ClientSampleId :
SLCS633



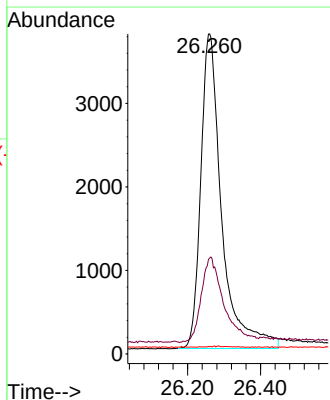
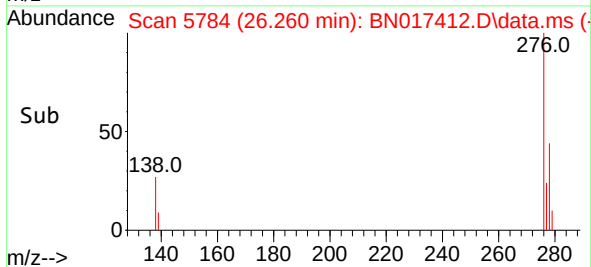
Tgt Ion:252 Resp: 16246
Ion Ratio Lower Upper
252 100
253 30.7 25.0 37.4
125 21.7 19.3 28.9

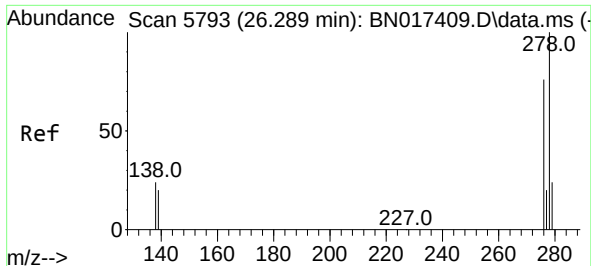


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.260 min Scan# 5784
Delta R.T. -0.026 min
Lab File: BN017412.D
Acq: 14 Nov 2021 04:38



Tgt Ion:276 Resp: 15009
Ion Ratio Lower Upper
276 100
138 29.5 0.1 0.1#
227 0.0 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.392 ng/ul

RT: 26.284 min Scan# 51

Delta R.T. -0.030 min

Lab File: BN017412.D

Acq: 14 Nov 2021 04:38

Instrument :

BNA_N

ClientSampleId :

SLCS633

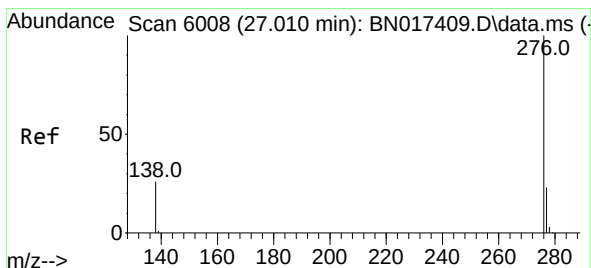
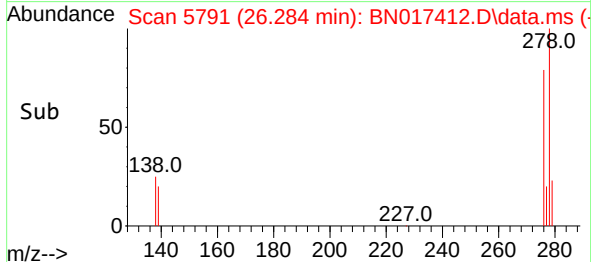
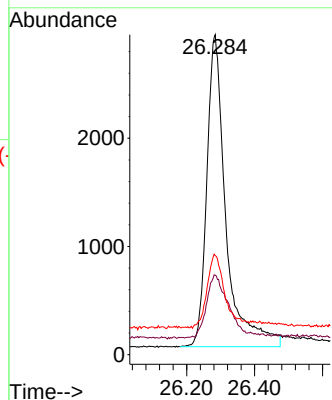
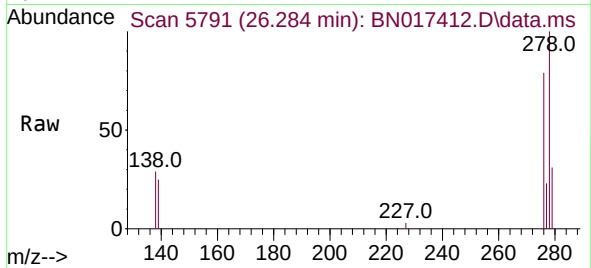
Tgt Ion:278 Resp: 11267

Ion Ratio Lower Upper

278 100

139 24.8 21.8 32.8

279 30.9 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.411 ng/ul

RT: 27.008 min Scan# 6007

Delta R.T. -0.030 min

Lab File: BN017412.D

Acq: 14 Nov 2021 04:38

Tgt Ion:276 Resp: 14527

Ion Ratio Lower Upper

276 100

138 28.2 24.5 36.7

277 25.9 21.2 31.8

