

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017448.D
 Acq On : 15 Nov 2021 03:25
 Operator : CG/JU
 Sample : PB140525BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS525

Quant Time: Nov 15 05:46:47 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)

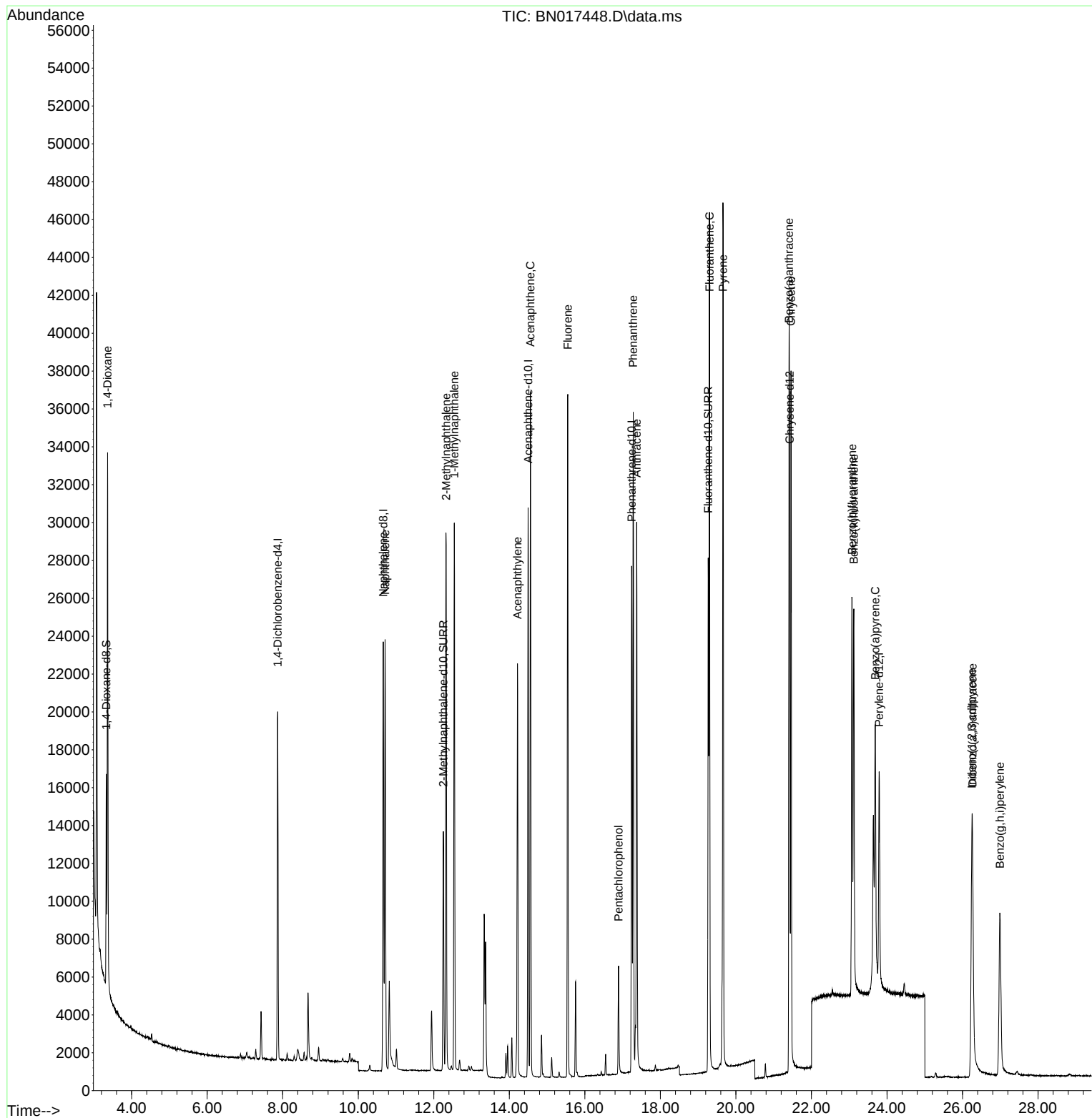
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	9061	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.662	136	30837	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.498	164	16594	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.239	188	31650	0.400	ng/ul	-0.01
17) Chrysene-d12	21.424	240	22406	0.400	ng/ul	#-0.02
23) Perylene-d12	23.791	264	15857	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	6656	0.670	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	16719	0.351	ng/ul	-0.01
18) Fluoranthene-d10	19.267	212	29899	0.371	ng/ul	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.362	88	18399	1.436	ng/ul#	46
5) Naphthalene	10.711	128	30893	0.362	ng/ul	96
7) 2-Methylnaphthalene	12.328	142	20849	0.341	ng/ul	99
8) 1-Methylnaphthalene	12.543	142	19831	0.328	ng/ul	99
10) Acenaphthylene	14.216	152	25365	0.318	ng/ul	99
11) Acenaphthene	14.558	153	20821	0.365	ng/ul	99
12) Fluorene	15.548	166	23323	0.346	ng/ul	99
14) Pentachlorophenol	16.893	266	3958	0.571	ng/ul	99
15) Phenanthrene	17.281	178	36843	0.387	ng/ul	99
16) Anthracene	17.374	178	32595	0.340	ng/ul	99
19) Fluoranthene	19.300	202	39207	0.377	ng/ul	100
20) Pyrene	19.658	202	39832	0.375	ng/ul	99
21) Benzo(a)anthracene	21.406	228	30665	0.368	ng/ul	100
22) Chrysene	21.459	228	33035	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.075	252	28452	0.439	ng/ul	92
25) Benzo(k)fluoranthene	23.122	252	28508	0.427	ng/ul#	91
26) Benzo(a)pyrene	23.689	252	22274	0.412	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.246	276	22065	0.483	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.266	278	16646	0.490	ng/ul	92
29) Benzo(g,h,i)perylene	26.990	276	21426	0.513	ng/ul	94

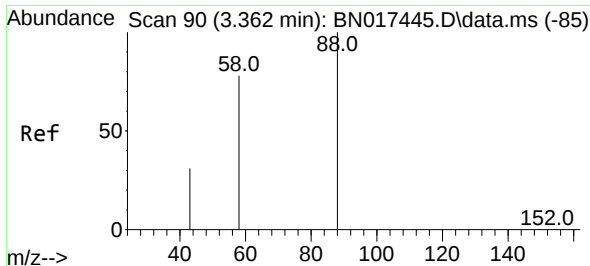
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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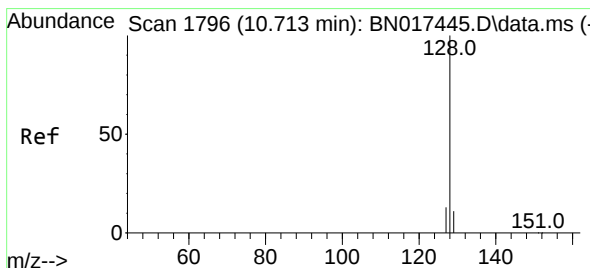
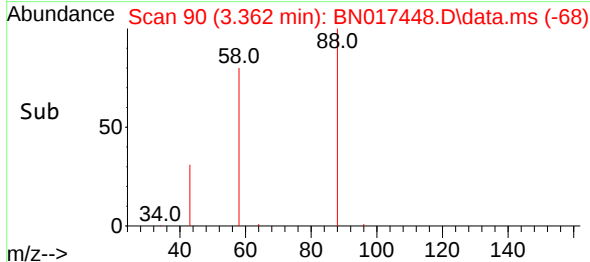
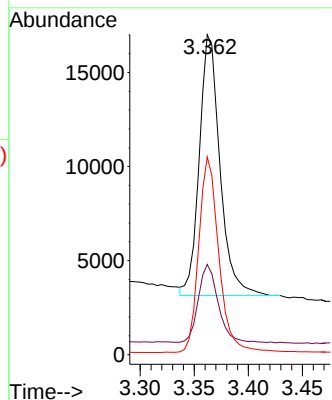
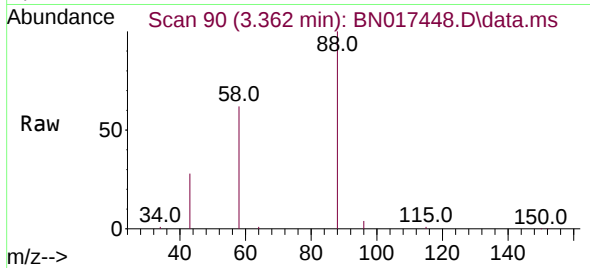




#2
1,4-Dioxane
Concen: 1.436 ng/ul
RT: 3.362 min Scan# 90
Delta R.T. -0.009 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

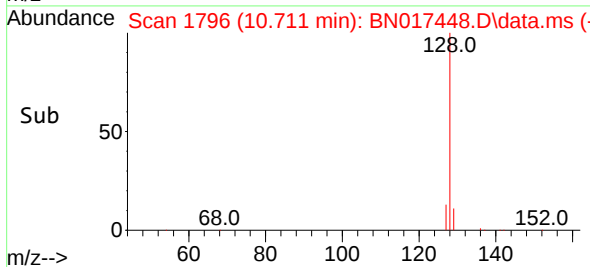
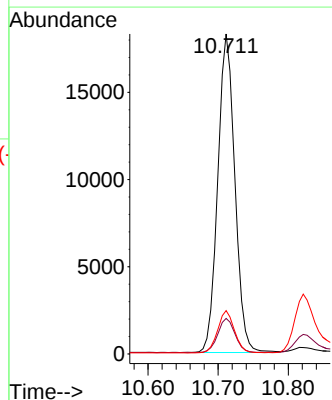
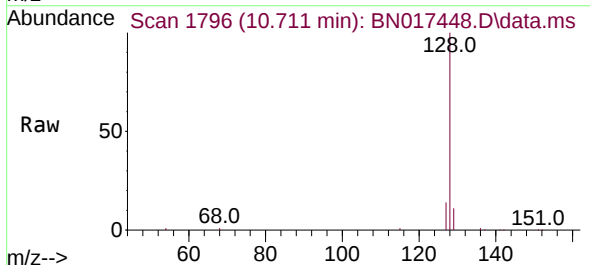
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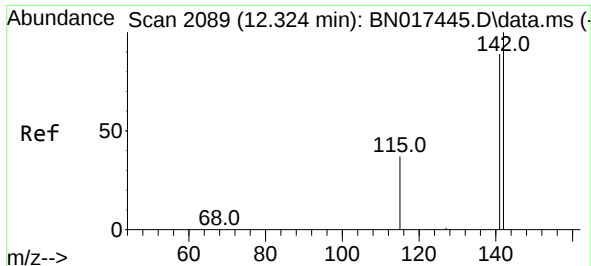
Tgt Ion: 88 Resp: 18399
Ion Ratio Lower Upper
88 100
43 28.2 85.8 128.6#
58 61.8 43.4 65.0



#5
Naphthalene
Concen: 0.362 ng/ul
RT: 10.711 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:128 Resp: 30893
Ion Ratio Lower Upper
128 100
129 11.1 10.4 15.6
127 13.5 11.8 17.6

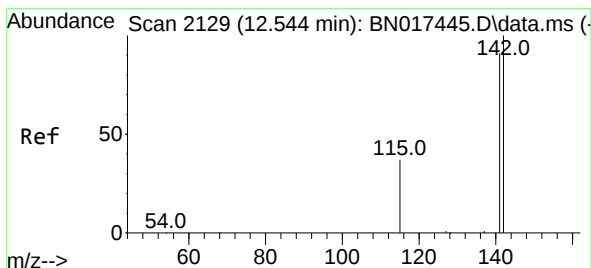
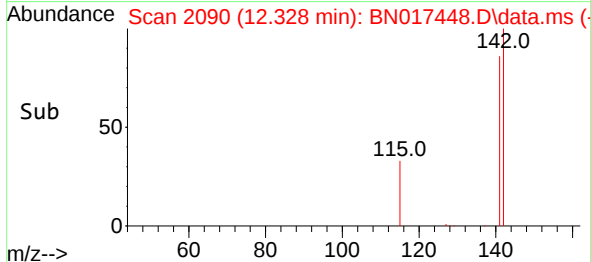
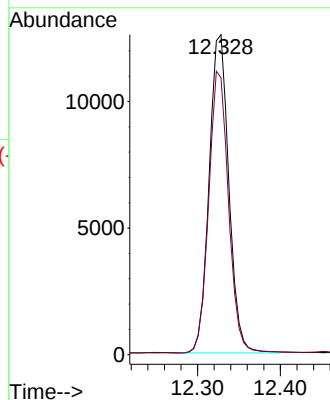
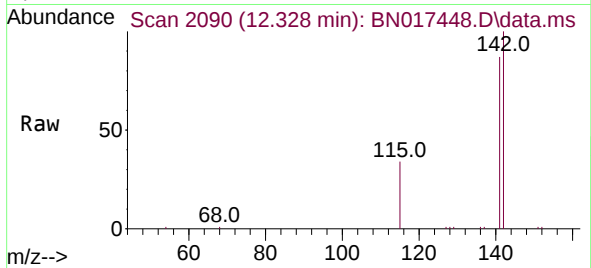




#7
2-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.328 min Scan# 2089
Delta R.T. -0.007 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

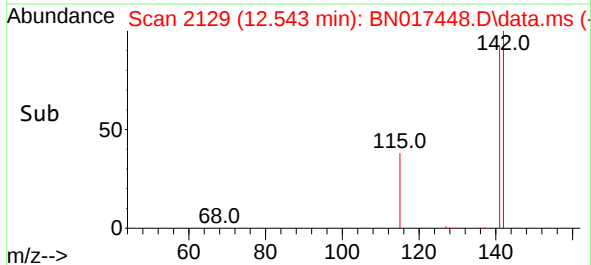
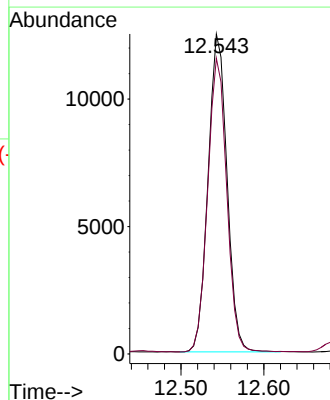
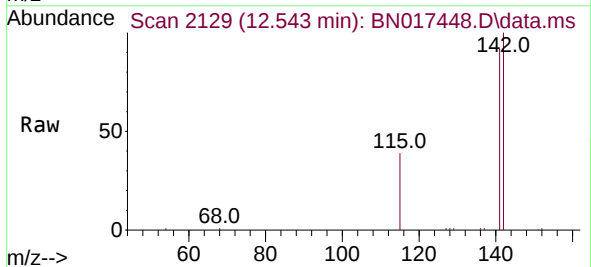
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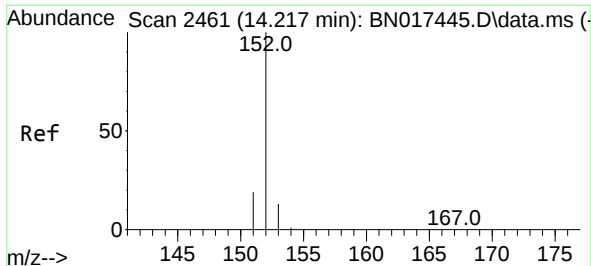
Tgt Ion:142 Resp: 20849
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.543 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:142 Resp: 19831
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9

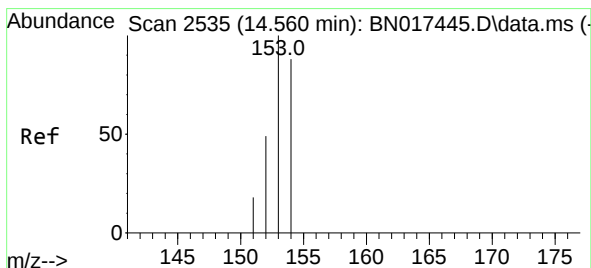
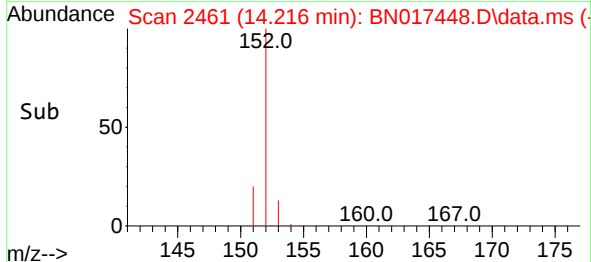
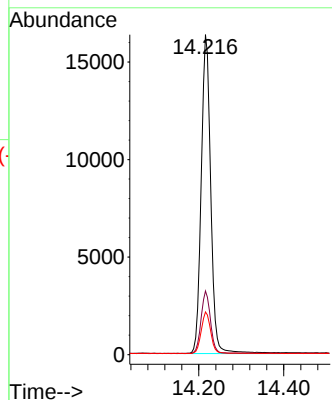
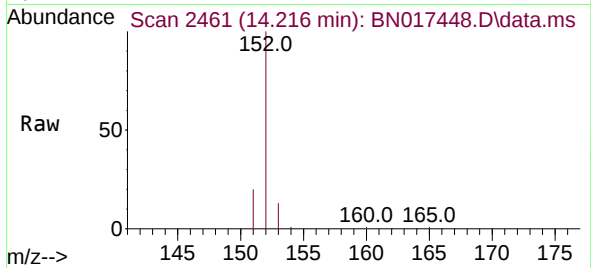




#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.216 min Scan# 2461
Delta R.T. -0.011 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

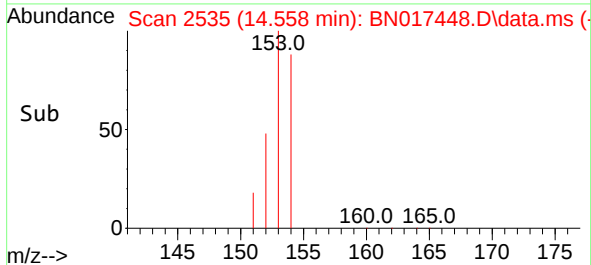
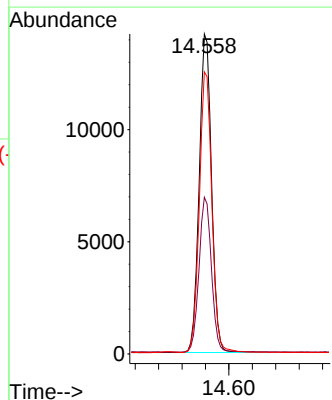
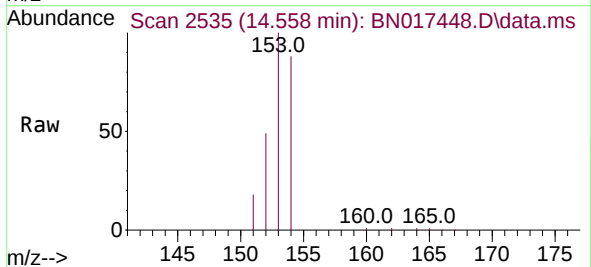
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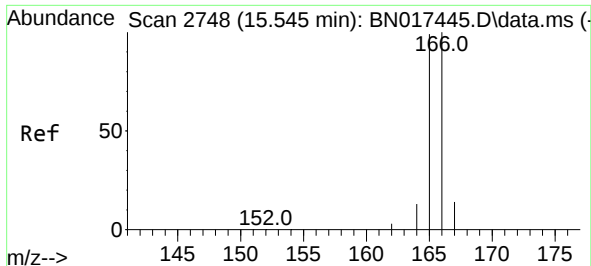
Tgt Ion:152 Resp: 25365
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.558 min Scan# 2535
Delta R.T. -0.015 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:153 Resp: 20821
Ion Ratio Lower Upper
153 100
152 49.0 38.3 57.5
154 88.1 71.1 106.7

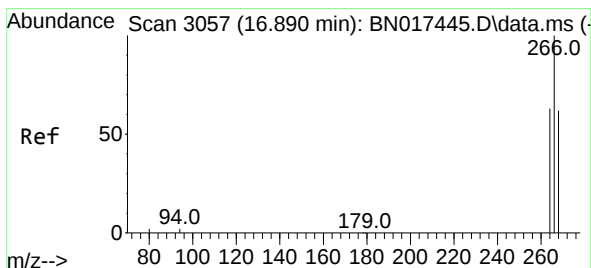
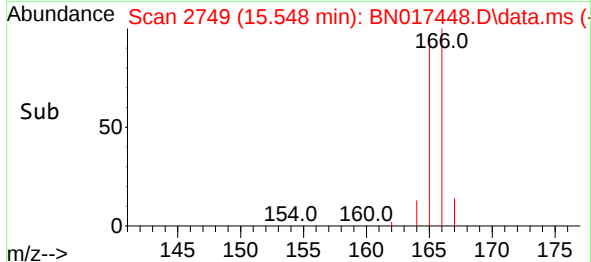
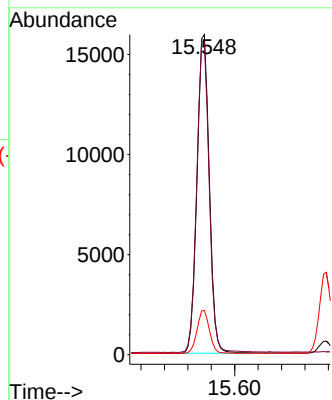
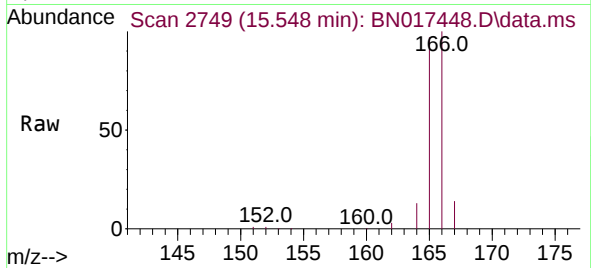




#12
Fluorene
Concen: 0.346 ng/ul
RT: 15.548 min Scan# 21
Delta R.T. -0.011 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

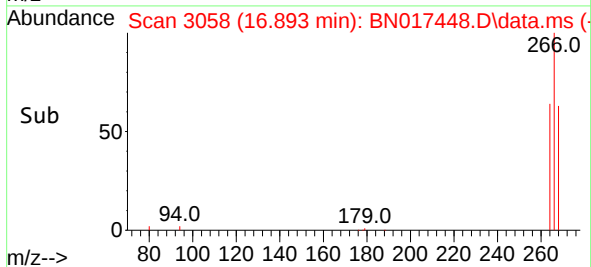
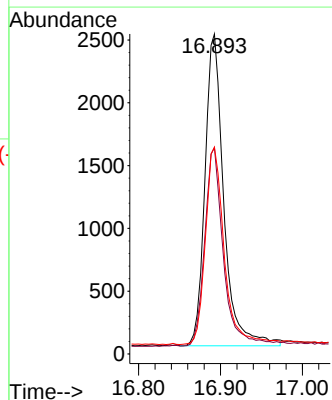
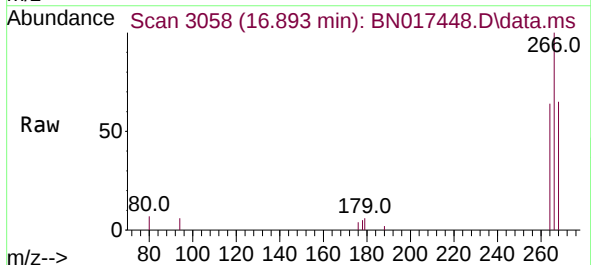
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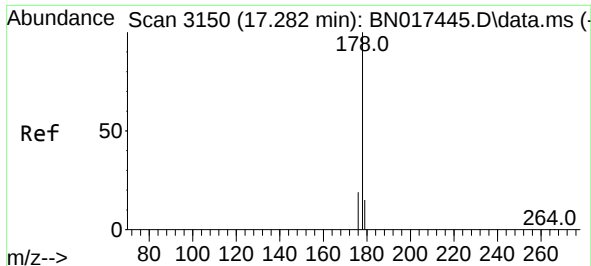
Tgt Ion:166 Resp: 23323
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 13.9 11.2 16.8



#14
Pentachlorophenol
Concen: 0.571 ng/ul
RT: 16.893 min Scan# 3058
Delta R.T. -0.010 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:266 Resp: 3958
Ion Ratio Lower Upper
266 100
264 63.4 50.3 75.5
268 63.9 52.2 78.4

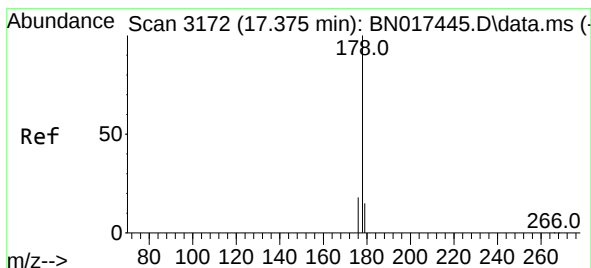
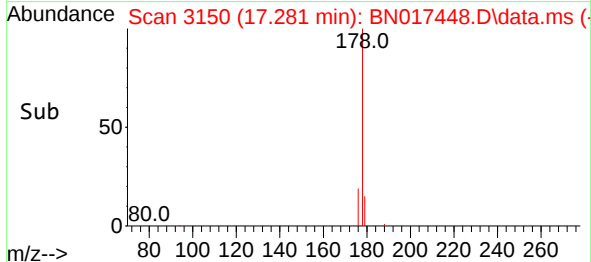
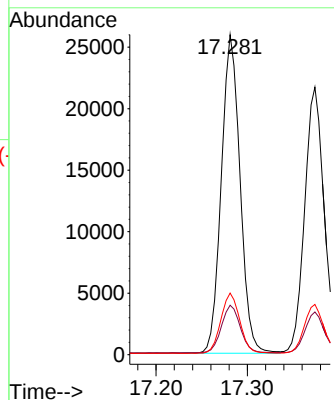
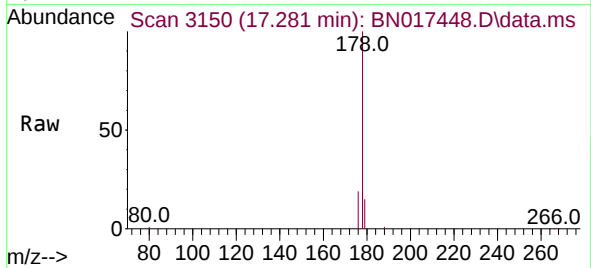




#15
Phenanthrene
Concen: 0.387 ng/ul
RT: 17.281 min Scan# 3150
Delta R.T. -0.014 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

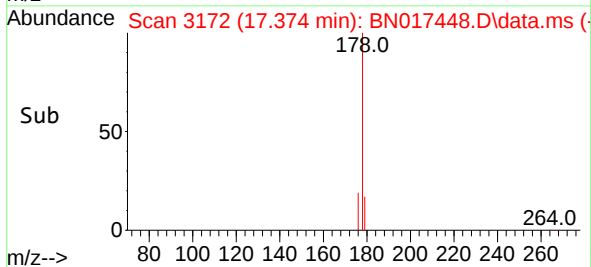
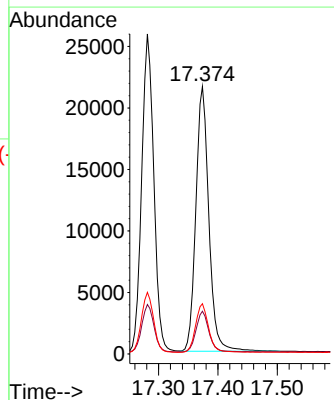
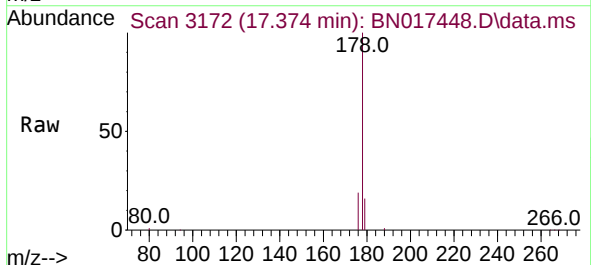
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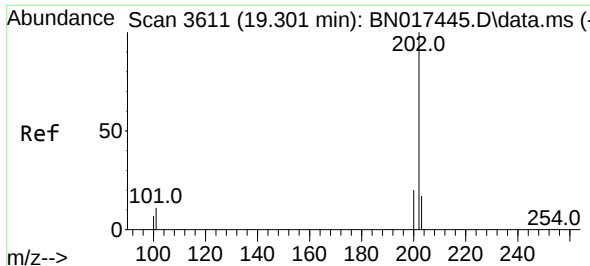
Tgt Ion:178 Resp: 36843
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.374 min Scan# 3172
Delta R.T. -0.014 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:178 Resp: 32595
Ion Ratio Lower Upper
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179 16.0 13.3 19.9
176 18.8 15.1 22.7

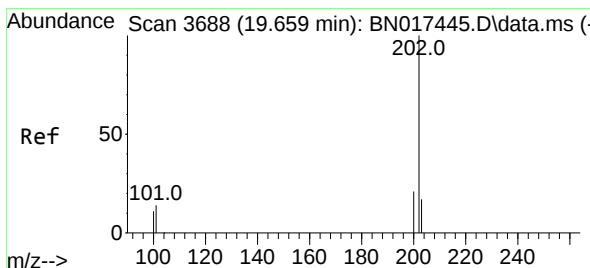
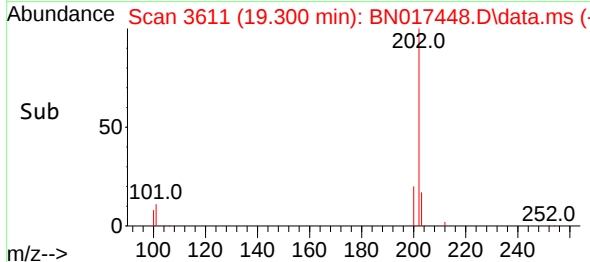
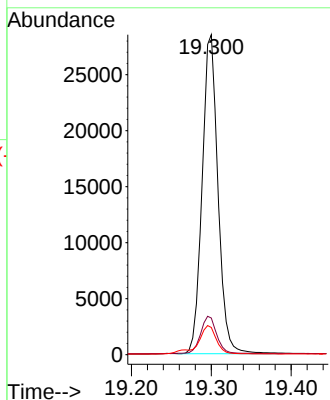
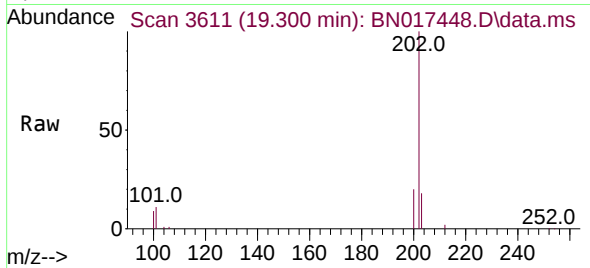




#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.015 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

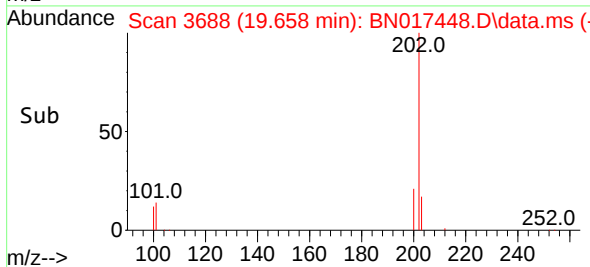
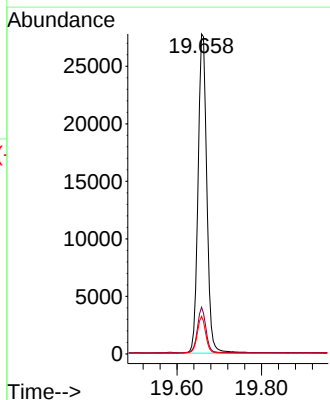
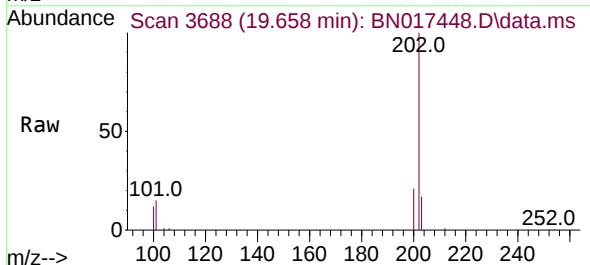
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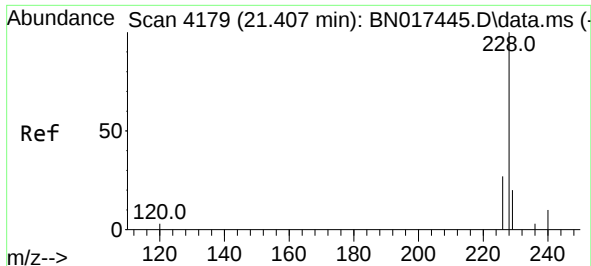
Tgt Ion:202 Resp: 39207
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.4
100 8.5 6.8 10.2



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.658 min Scan# 3688
Delta R.T. -0.015 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:202 Resp: 39832
Ion Ratio Lower Upper
202 100
101 14.6 11.4 17.2
100 11.8 9.4 14.0

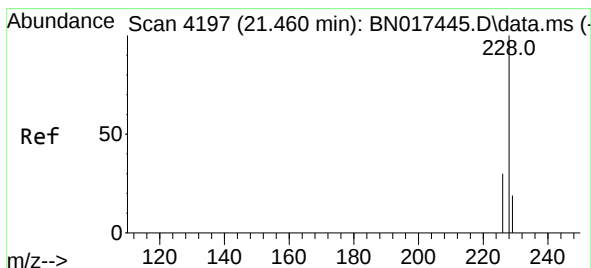
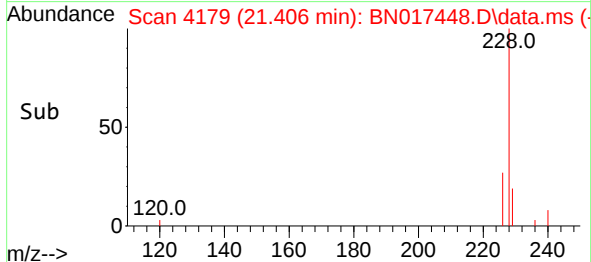
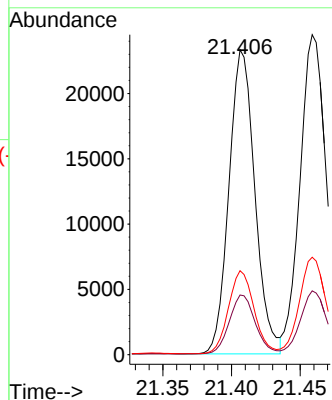
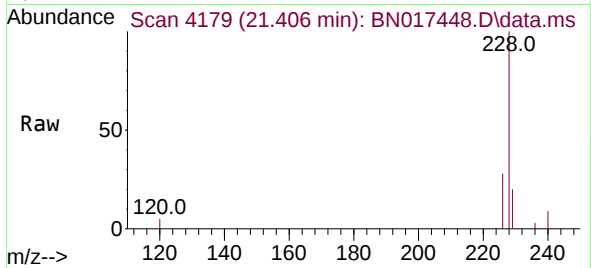




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.406 min Scan# 4179
Delta R.T. -0.019 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

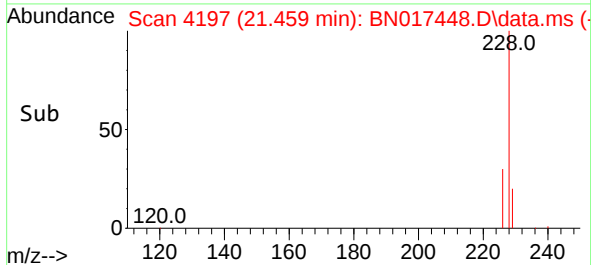
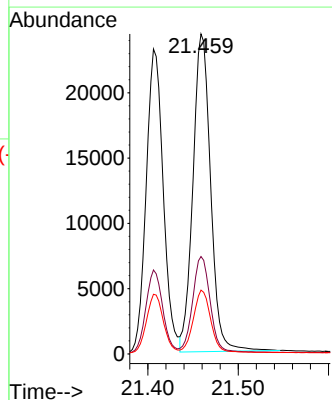
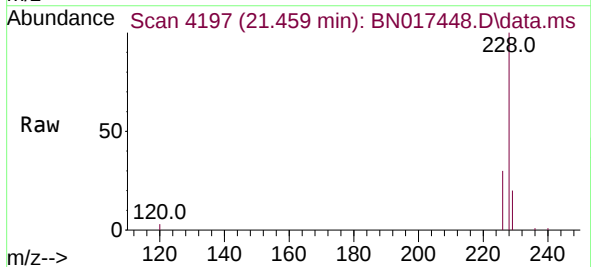
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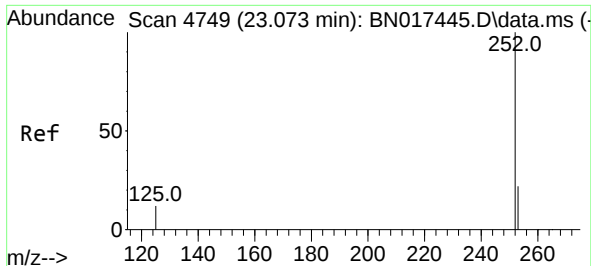
Tgt Ion:228 Resp: 30665
Ion Ratio Lower Upper
228 100
229 19.6 15.8 23.6
226 27.6 21.8 32.8



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.459 min Scan# 4197
Delta R.T. -0.019 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:228 Resp: 33035
Ion Ratio Lower Upper
228 100
226 30.5 23.9 35.9
229 19.9 15.7 23.5

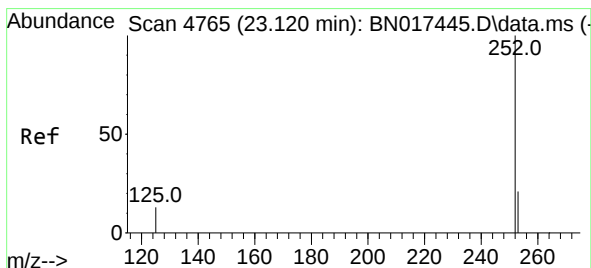
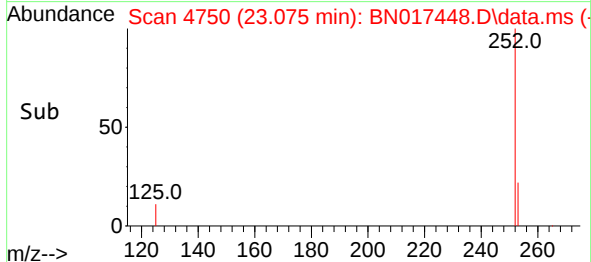
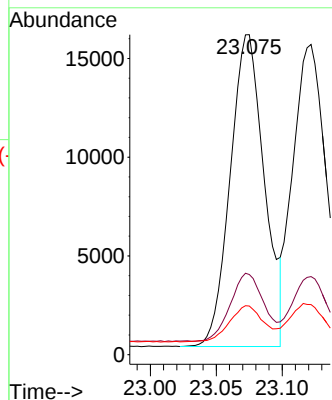
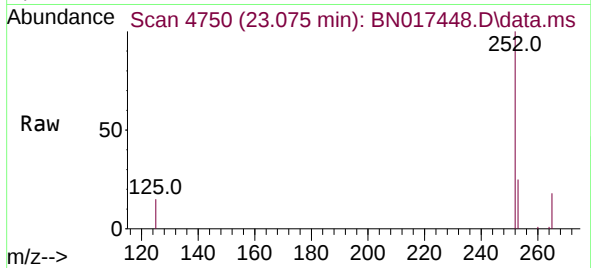




#24
Benzo(b)fluoranthene
Concen: 0.439 ng/ul
RT: 23.075 min Scan# 4750
Delta R.T. -0.024 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

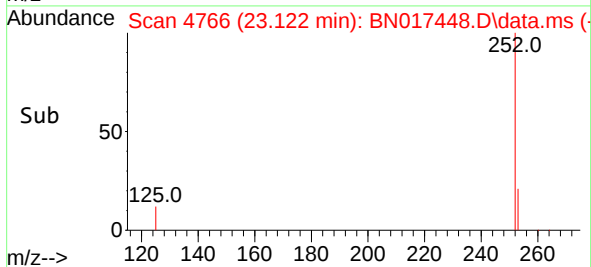
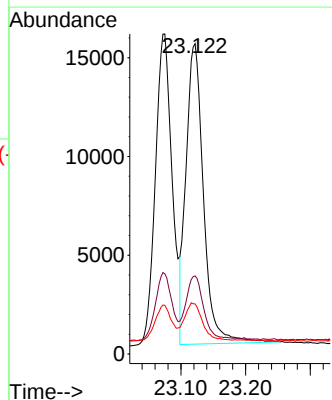
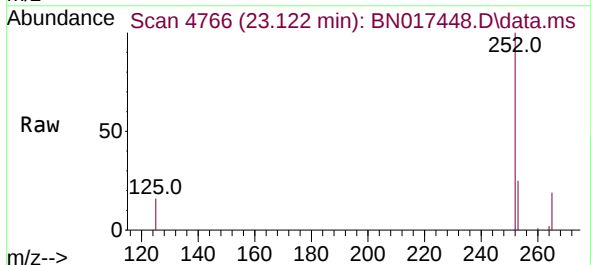
Instrument :
BNA_N
ClientSampleId :
SLCS525

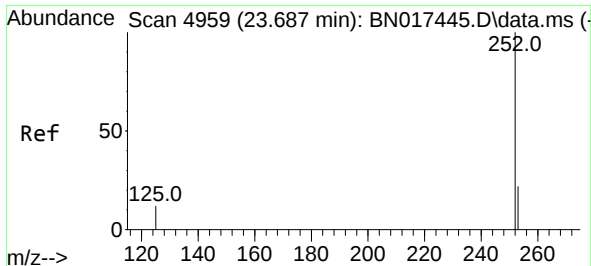
Tgt Ion:252 Resp: 28452
Ion Ratio Lower Upper
252 100
253 25.0 0.0 57.6
125 15.2 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.122 min Scan# 4766
Delta R.T. -0.024 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:252 Resp: 28508
Ion Ratio Lower Upper
252 100
253 25.2 23.1 34.7
125 16.2 17.1 25.7#

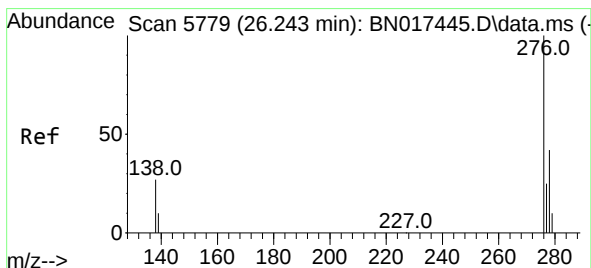
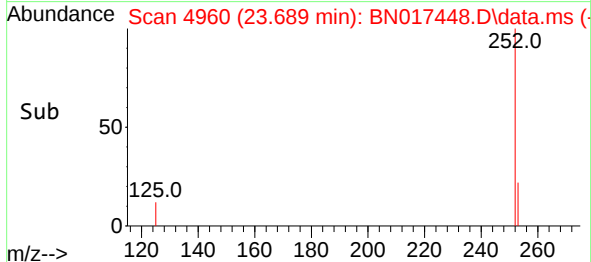
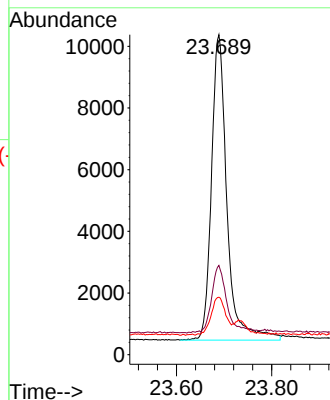
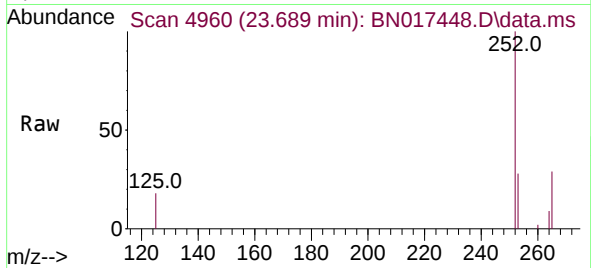




#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.689 min Scan# 4959
Delta R.T. -0.024 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

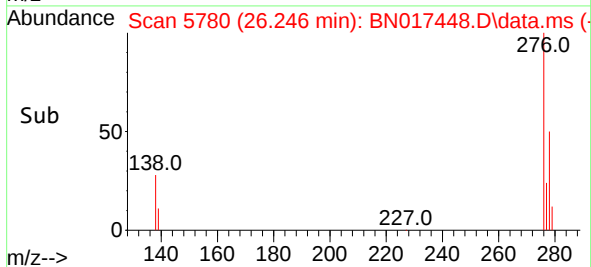
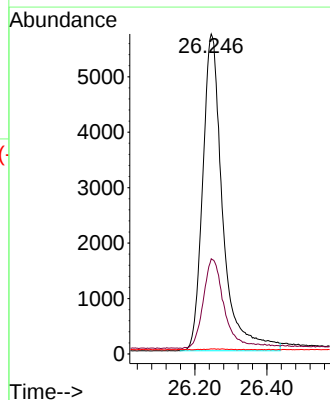
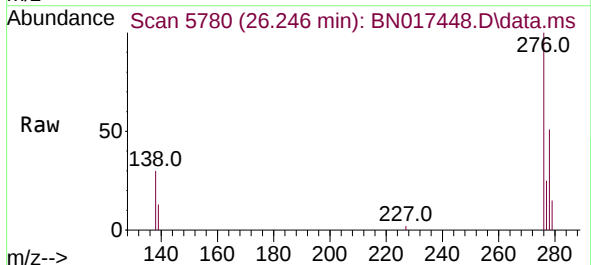
Instrument :
BNA_N
ClientSampleId :
SLCS525

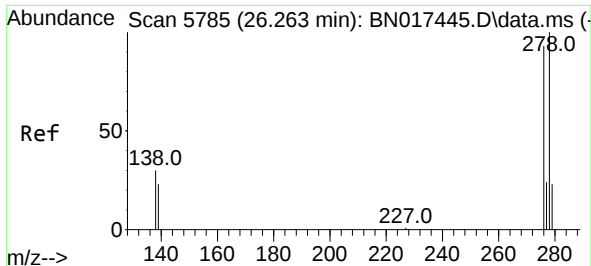
Tgt Ion:252 Resp: 22274
Ion Ratio Lower Upper
252 100
253 27.9 25.0 37.4
125 18.0 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.483 ng/ul
RT: 26.246 min Scan# 5780
Delta R.T. -0.041 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:276 Resp: 22065
Ion Ratio Lower Upper
276 100
138 30.4 0.1 0.1#
227 0.1 0.0 0.0#

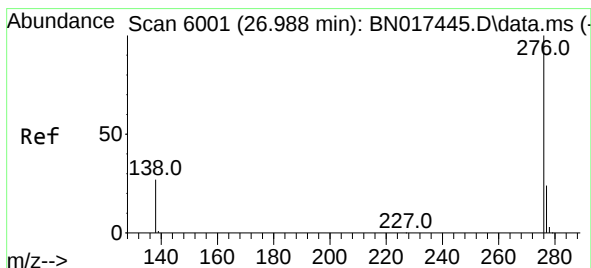
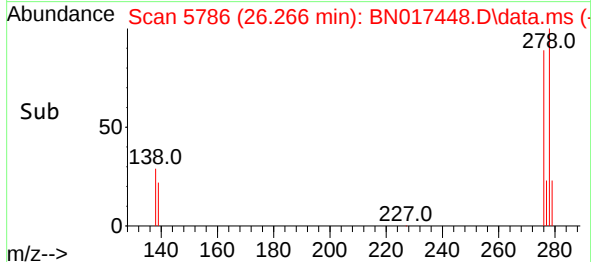
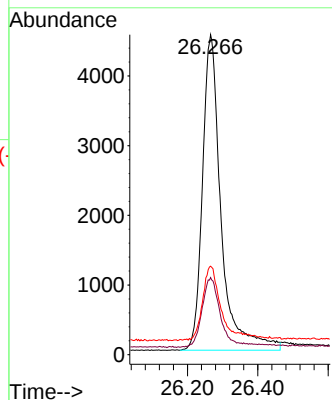
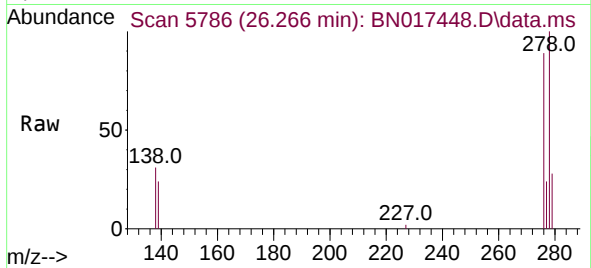




#28
Dibenzo(a,h)anthracene
Concen: 0.490 ng/ul
RT: 26.266 min Scan# 51
Delta R.T. -0.048 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Instrument :
BNA_N
ClientSampleId :
SLCS525

Tgt Ion:278 Resp: 16646
Ion Ratio Lower Upper
278 100
139 24.1 21.8 32.8
279 27.6 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.513 ng/ul
RT: 26.990 min Scan# 6002
Delta R.T. -0.048 min
Lab File: BN017448.D
Acq: 15 Nov 2021 03:25

Tgt Ion:276 Resp: 21426
Ion Ratio Lower Upper
276 100
138 26.5 24.5 36.7
277 24.5 21.2 31.8

