

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017404.D
 Acq On : 13 Nov 2021 23:12
 Operator : CG/JU
 Sample : PB140631BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS631

Quant Time: Nov 15 04:27:21 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)

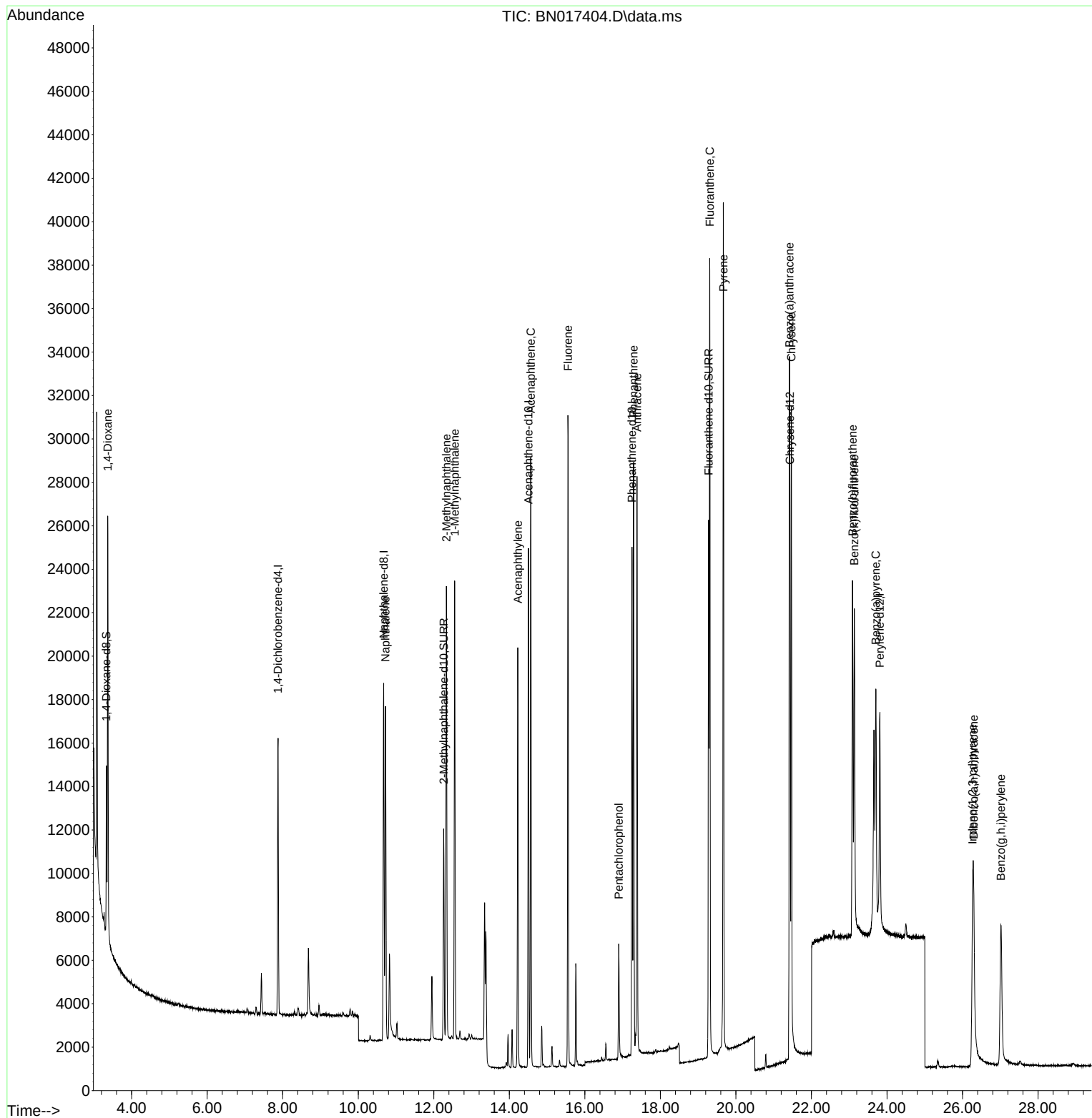
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	6256	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	22263	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.507	164	13303	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.247	188	27130	0.400	ng/ul	0.00
17) Chrysene-d12	21.433	240	18777	0.400	ng/ul	0.00
23) Perylene-d12	23.812	264	13469	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	4729	0.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	12260	0.357	ng/ul	0.00
18) Fluoranthene-d10	19.277	212	26151	0.387	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.366	88	13090	1.479	ng/ul#	53
5) Naphthalene	10.722	128	21198	0.344	ng/ul	97
7) 2-Methylnaphthalene	12.334	142	14807	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.554	142	14295	0.328	ng/ul	100
10) Acenaphthylene	14.225	152	21987	0.344	ng/ul	100
11) Acenaphthene	14.567	153	16156	0.354	ng/ul	99
12) Fluorene	15.553	166	18927	0.350	ng/ul	100
14) Pentachlorophenol	16.897	266	3773	0.635	ng/ul	99
15) Phenanthrene	17.290	178	29489	0.361	ng/ul	100
16) Anthracene	17.382	178	28631	0.349	ng/ul	100
19) Fluoranthene	19.309	202	32612	0.374	ng/ul	99
20) Pyrene	19.667	202	33328	0.374	ng/ul	98
21) Benzo(a)anthracene	21.415	228	25460	0.365	ng/ul	100
22) Chrysene	21.468	228	26393	0.378	ng/ul	100
24) Benzo(b)fluoranthene	23.087	252	22000	0.400	ng/ul	97
25) Benzo(k)fluoranthene	23.134	252	22302	0.393	ng/ul	99
26) Benzo(a)pyrene	23.704	252	18085	0.394	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.266	276	16856	0.434	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.296	278	12792	0.443	ng/ul	97
29) Benzo(g,h,i)perylene	27.017	276	15998	0.451	ng/ul	97

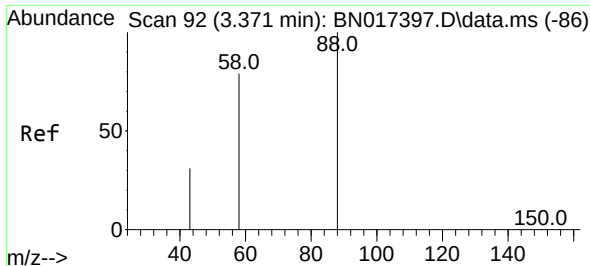
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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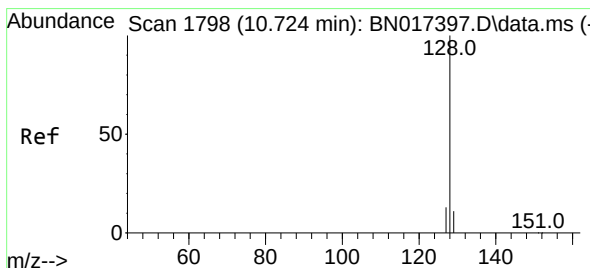
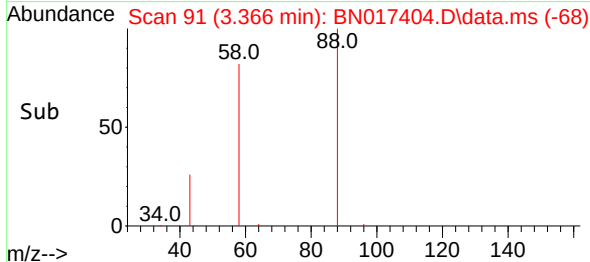
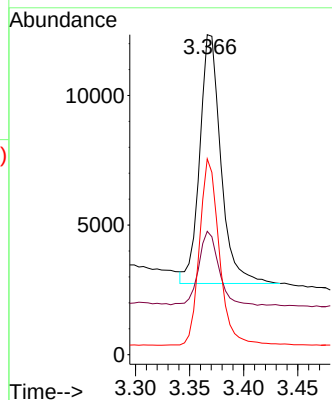
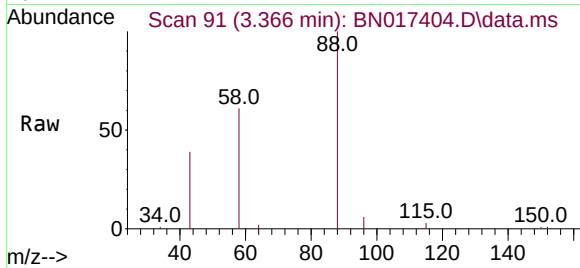




#2
1,4-Dioxane
Concen: 1.479 ng/ul
RT: 3.366 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

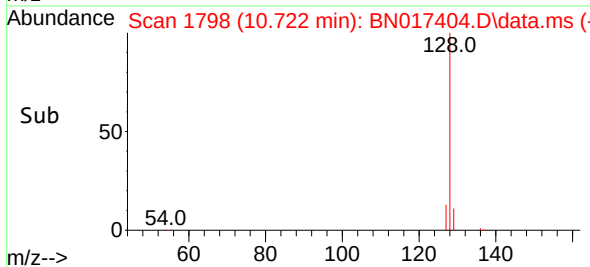
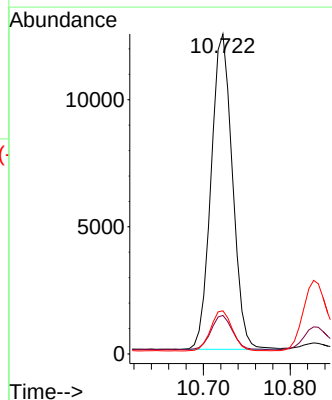
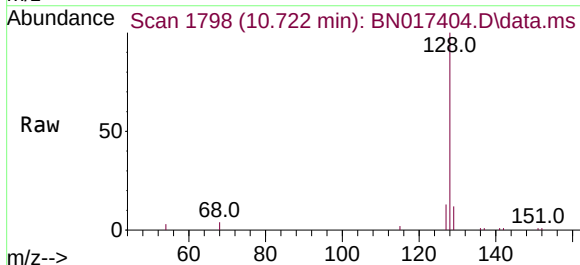
Instrument :
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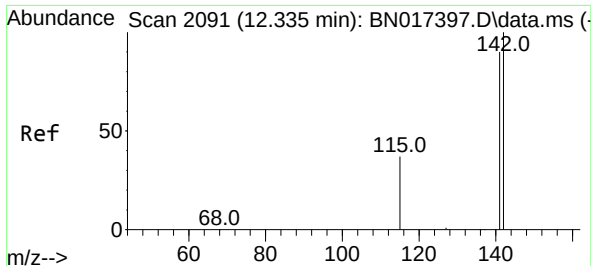
Tgt Ion: 88 Resp: 13090
Ion Ratio Lower Upper
88 100
43 38.5 85.8 128.6#
58 61.2 43.4 65.0



#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.722 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:128 Resp: 21198
Ion Ratio Lower Upper
128 100
129 12.1 10.4 15.6
127 13.5 11.8 17.6

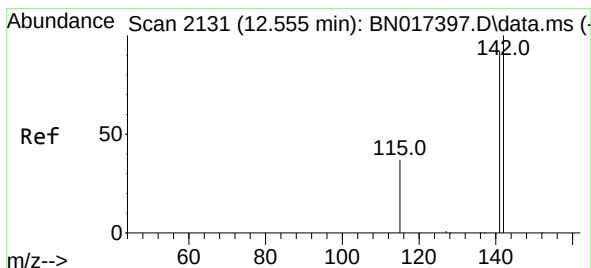
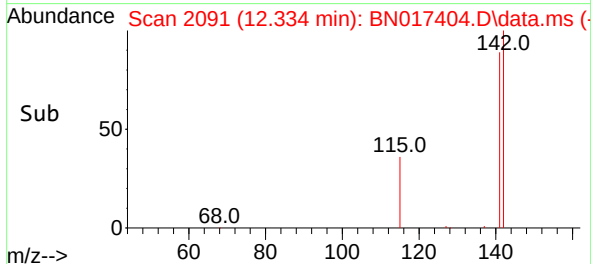
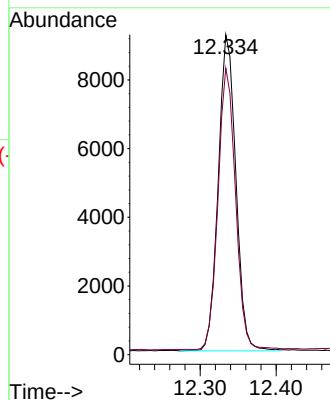
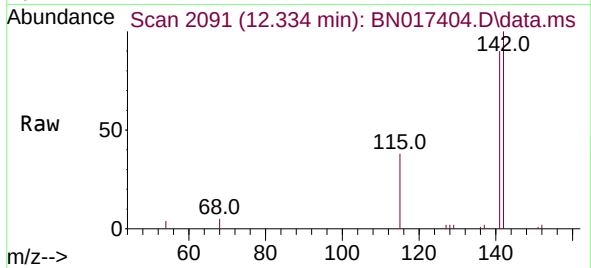




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.334 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

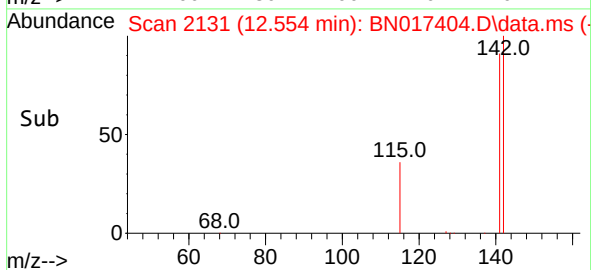
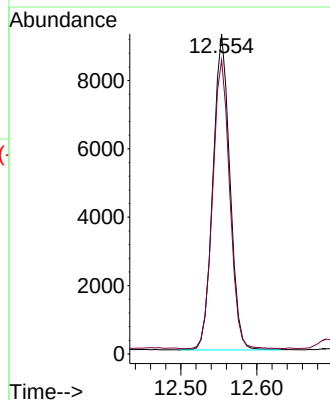
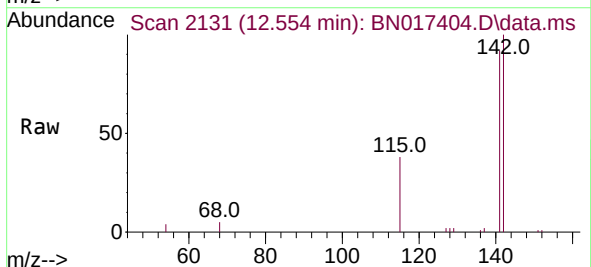
Instrument :
BNA_N
ClientSampleId :
SLCS631

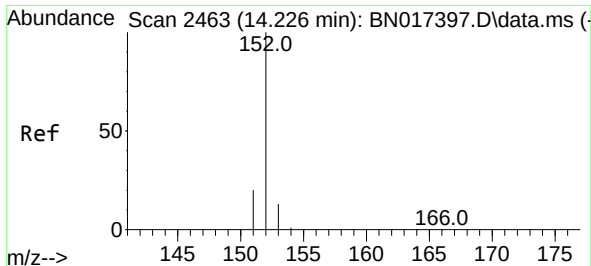
Tgt Ion:142 Resp: 14807
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.554 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:142 Resp: 14295
Ion Ratio Lower Upper
142 100
141 92.0 73.3 109.9

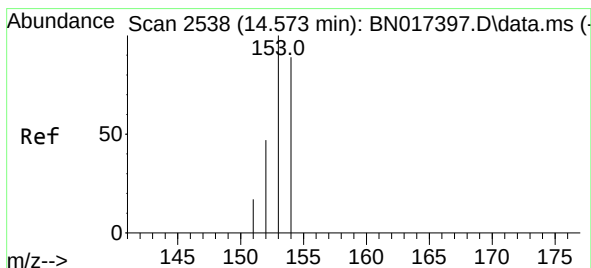
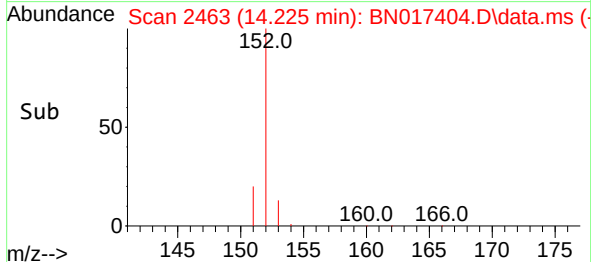
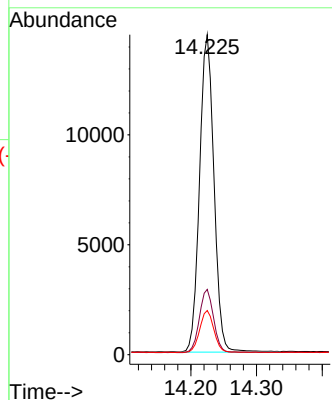
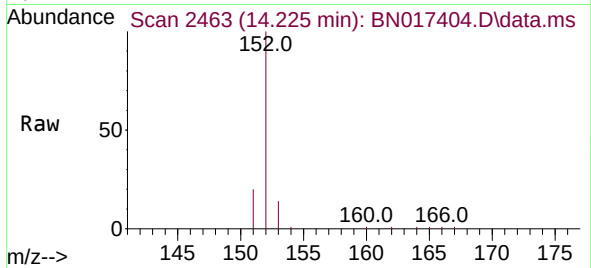




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.225 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

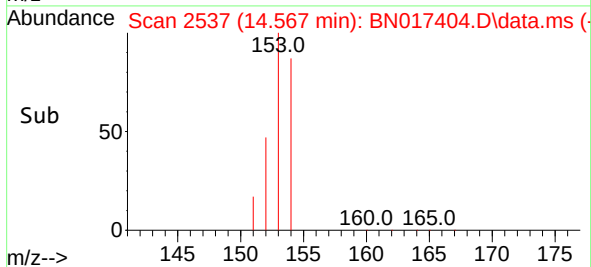
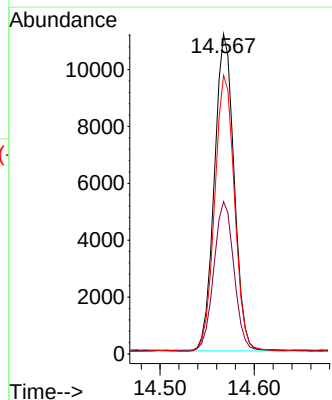
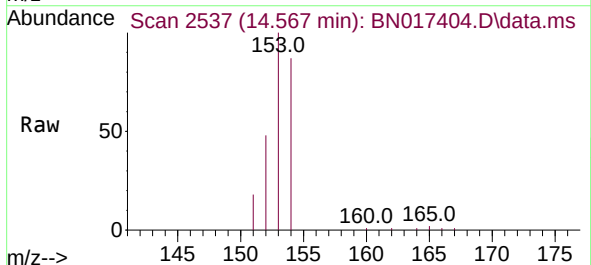
Instrument :
BNA_N
ClientSampleId :
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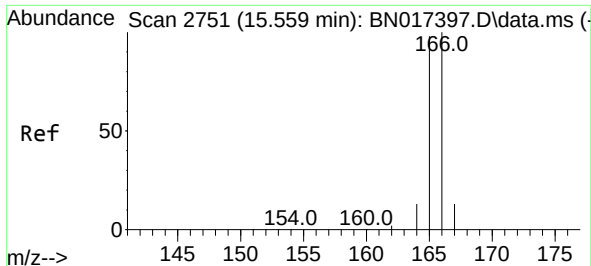
Tgt Ion:152 Resp: 21987
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.354 ng/ul
RT: 14.567 min Scan# 2537
Delta R.T. -0.006 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:153 Resp: 16156
Ion Ratio Lower Upper
153 100
152 47.6 38.3 57.5
154 87.1 71.1 106.7

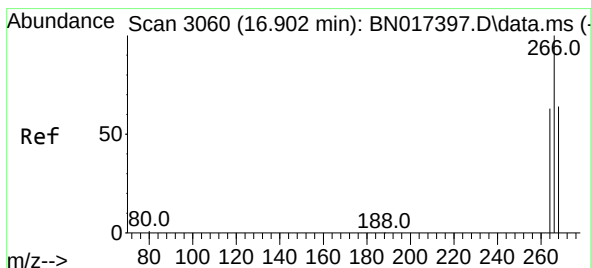
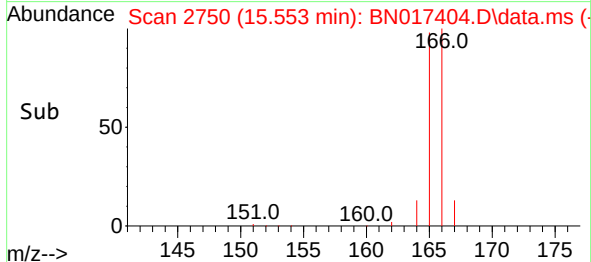
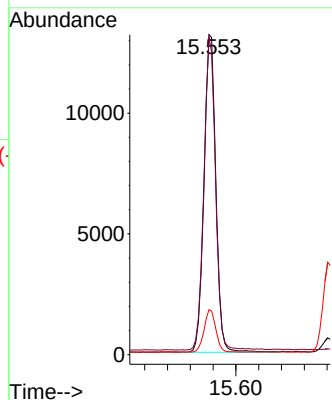
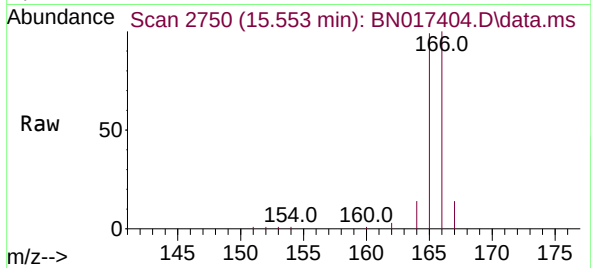




#12
 Fluorene
 Concen: 0.350 ng/ul
 RT: 15.553 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN017404.D
 Acq: 13 Nov 2021 23:12

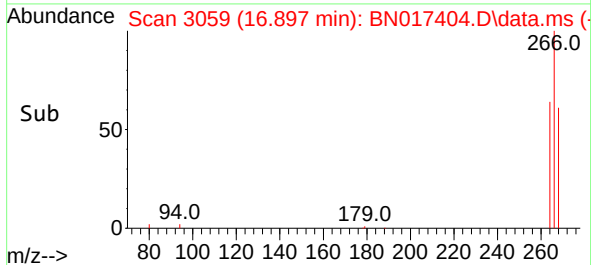
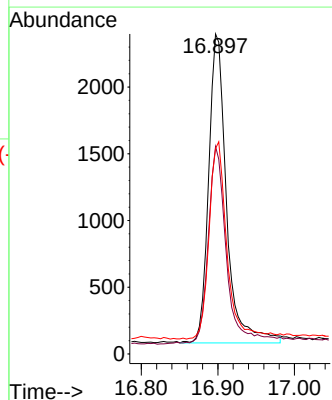
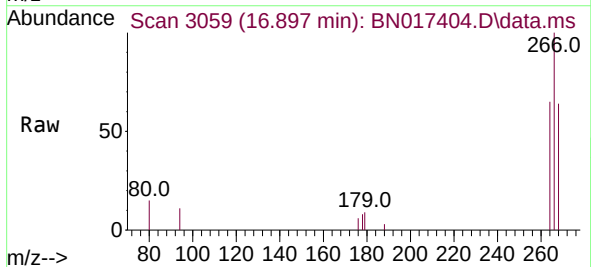
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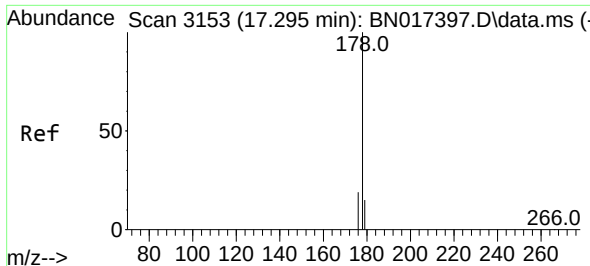
Tgt Ion:166 Resp: 18927
 Ion Ratio Lower Upper
 166 100
 165 99.1 79.2 118.8
 167 14.1 11.2 16.8



#14
 Pentachlorophenol
 Concen: 0.635 ng/ul
 RT: 16.897 min Scan# 3059
 Delta R.T. -0.005 min
 Lab File: BN017404.D
 Acq: 13 Nov 2021 23:12

Tgt Ion:266 Resp: 3773
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.3 75.5
 268 63.9 52.2 78.4

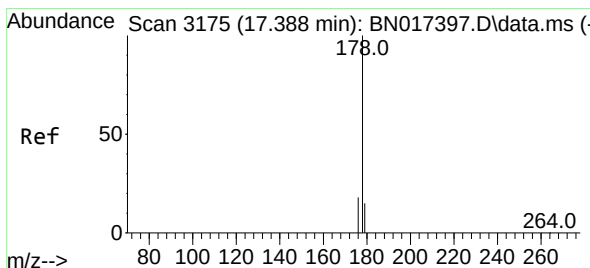
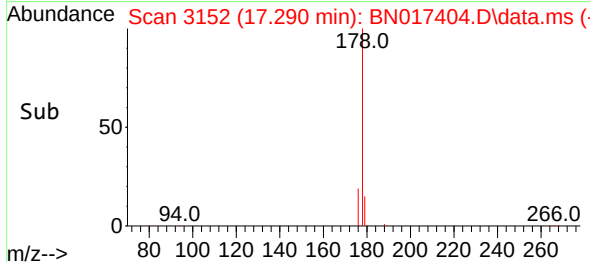
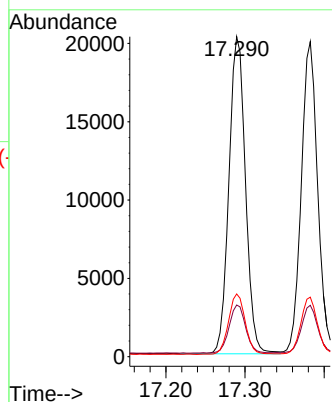
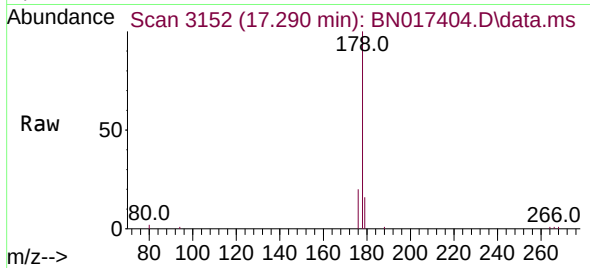




#15
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.290 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

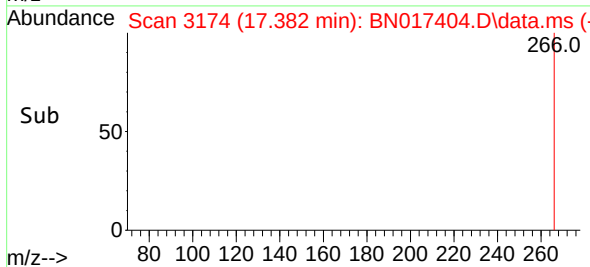
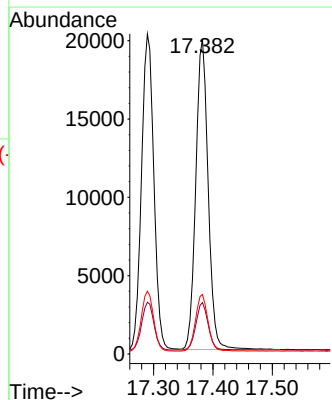
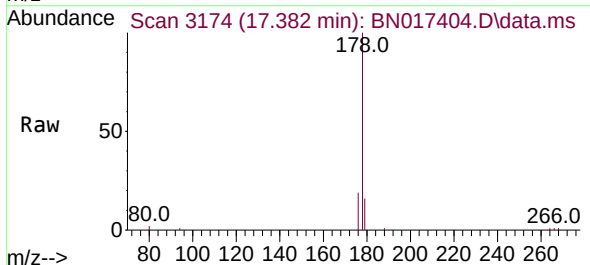
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ClientSampleId :
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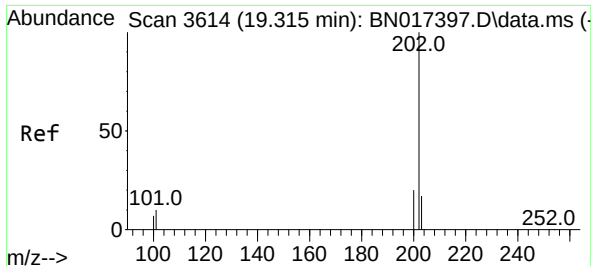
Tgt Ion:	178	Resp:	29489
Ion Ratio	Lower	Upper	
178	100		
179	16.2	13.0	19.4
176	19.6	15.6	23.4



#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:	178	Resp:	28631
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.3	19.9
176	18.9	15.1	22.7

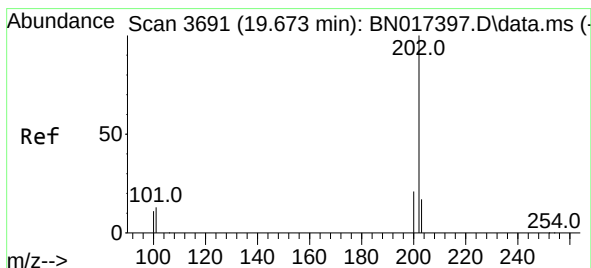
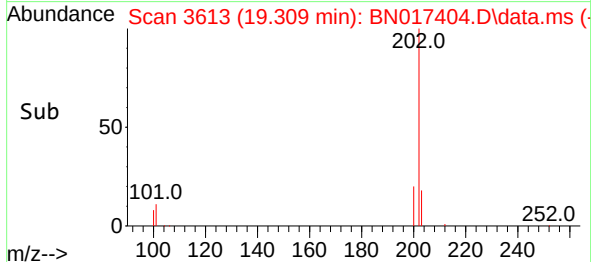
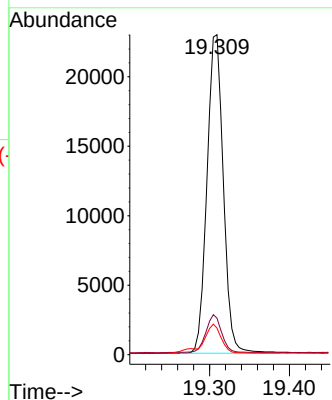
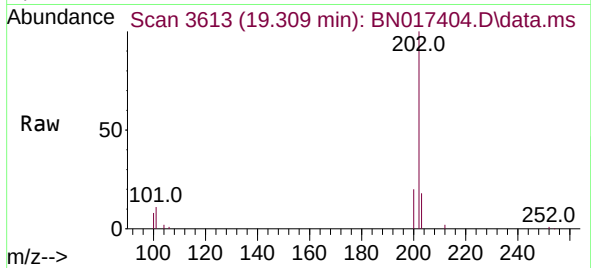




#19
Fluoranthene
Concen: 0.374 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. -0.006 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

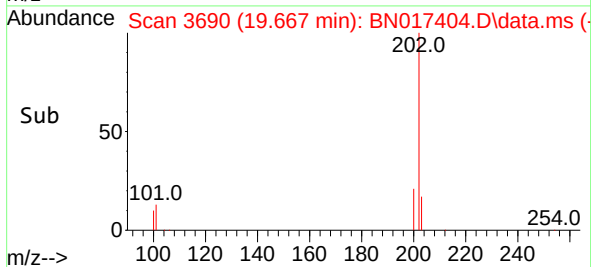
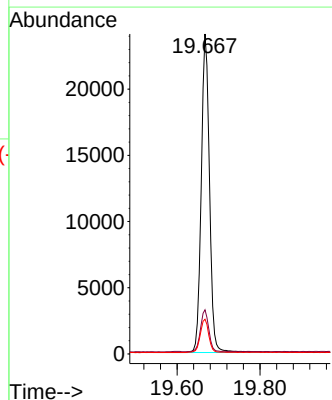
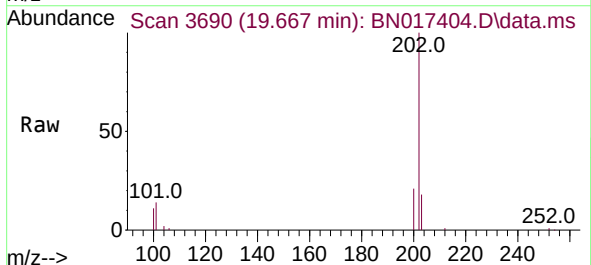
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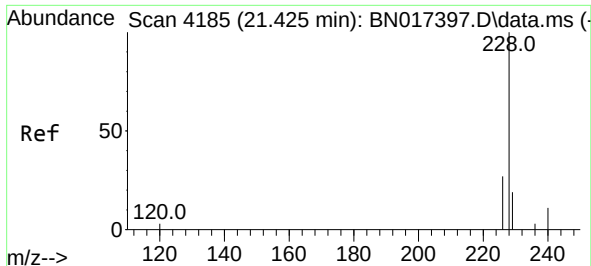
Tgt Ion:202 Resp: 32612
Ion Ratio Lower Upper
202 100
101 11.4 9.0 13.4
100 8.3 6.8 10.2



#20
Pyrene
Concen: 0.374 ng/ul
RT: 19.667 min Scan# 3690
Delta R.T. -0.006 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:202 Resp: 33328
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.2
100 10.9 9.4 14.0

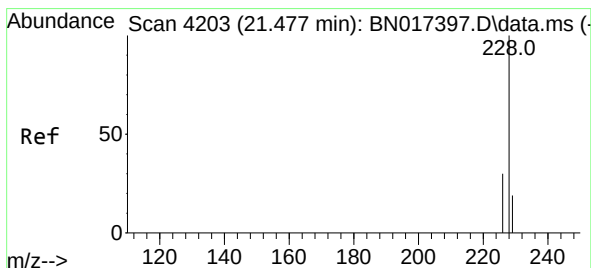
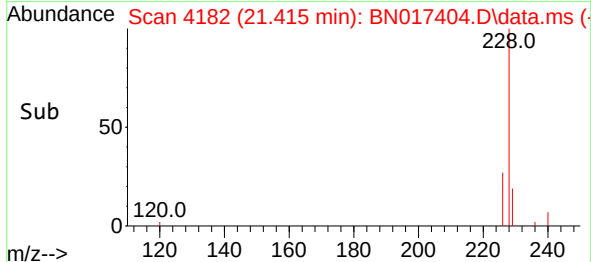
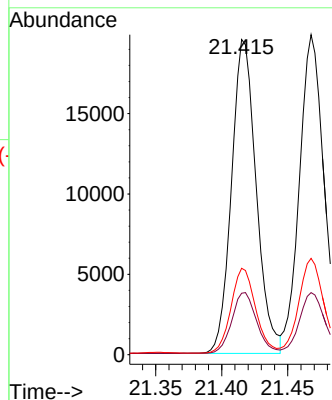
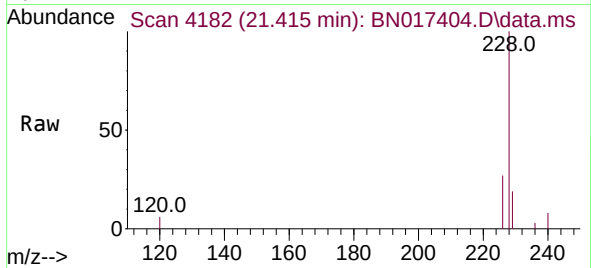




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.415 min Scan# 4185
Delta R.T. -0.010 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

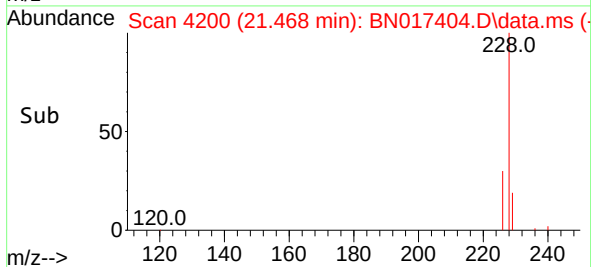
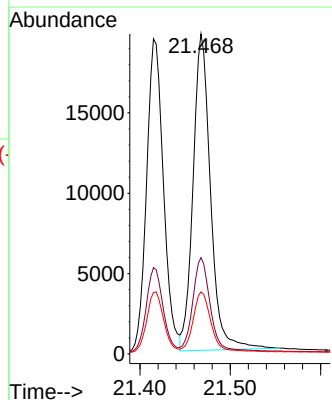
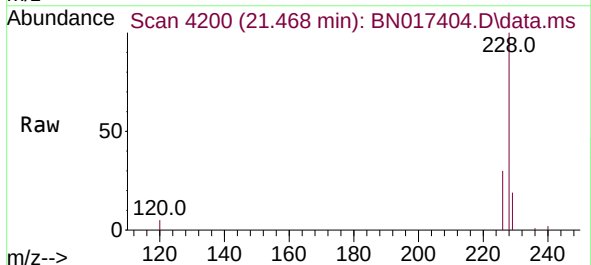
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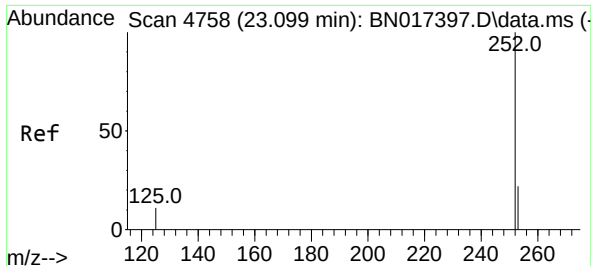
Tgt Ion:228 Resp: 25460
Ion Ratio Lower Upper
228 100
229 19.5 15.8 23.6
226 27.4 21.8 32.8



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.468 min Scan# 4200
Delta R.T. -0.010 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:228 Resp: 26393
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 19.4 15.7 23.5

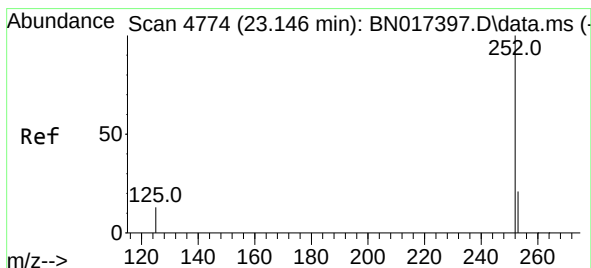
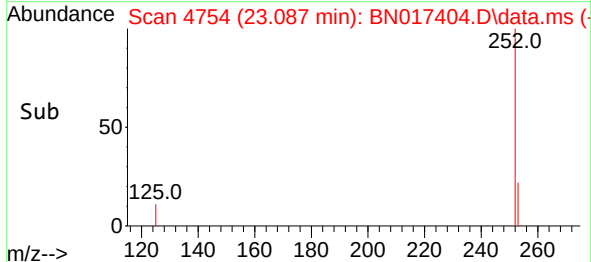
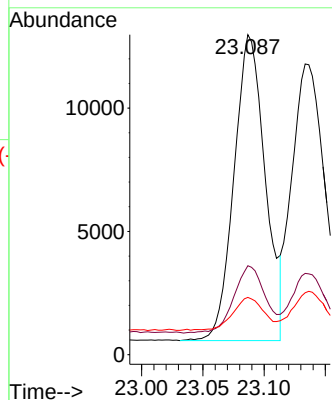
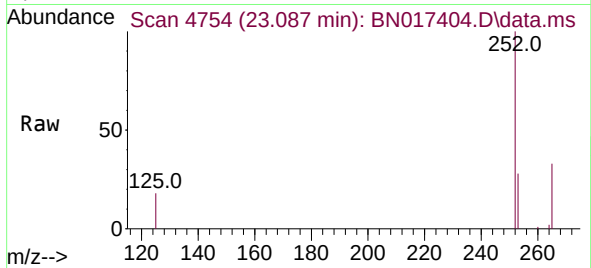




#24
Benzo(b)fluoranthene
Concen: 0.400 ng/ul
RT: 23.087 min Scan# 4754
Delta R.T. -0.013 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

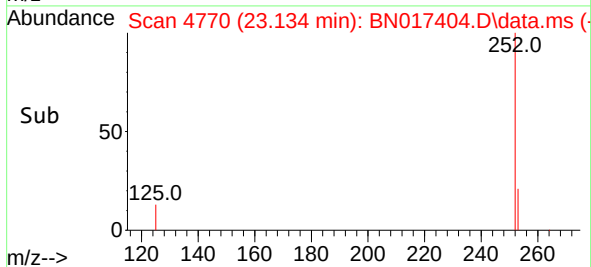
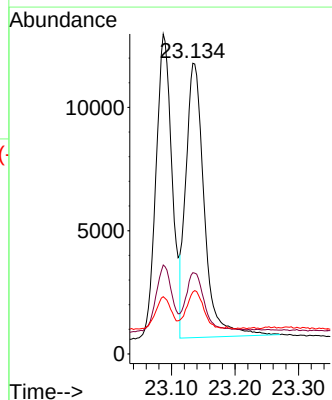
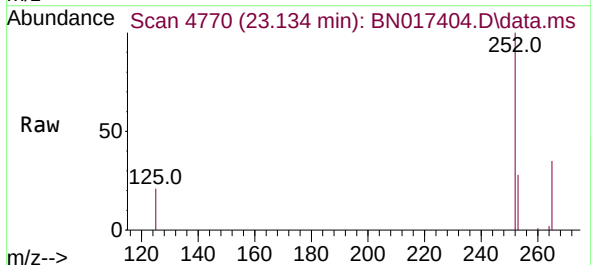
Instrument :
BNA_N
ClientSampleId :
SLCS631

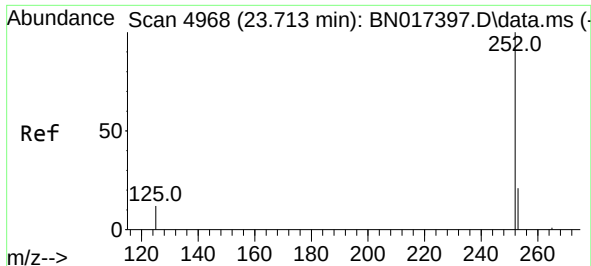
Tgt Ion:252 Resp: 22000
Ion Ratio Lower Upper
252 100
253 27.8 0.0 57.6
125 17.9 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 23.134 min Scan# 4770
Delta R.T. -0.013 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:252 Resp: 22302
Ion Ratio Lower Upper
252 100
253 28.0 23.1 34.7
125 21.3 17.1 25.7

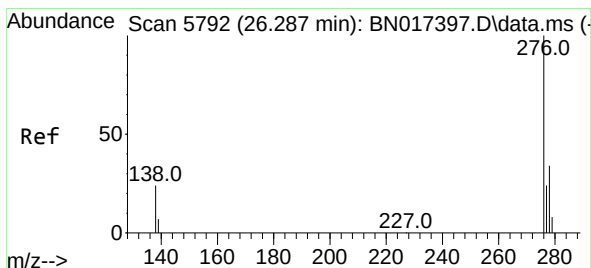
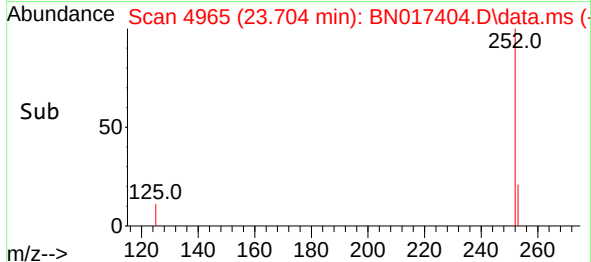
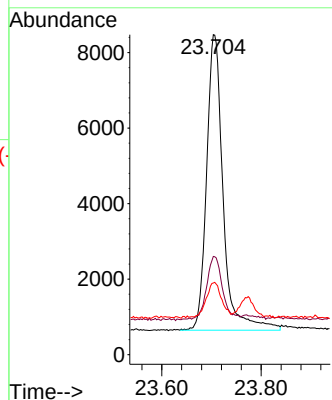
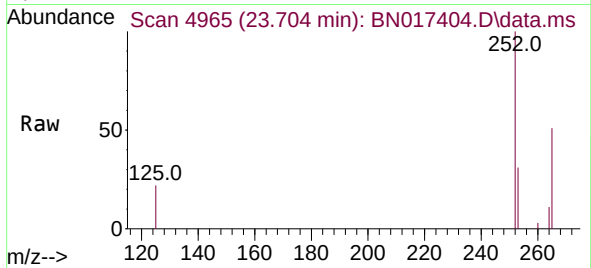




#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.704 min Scan# 4965
Delta R.T. -0.010 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

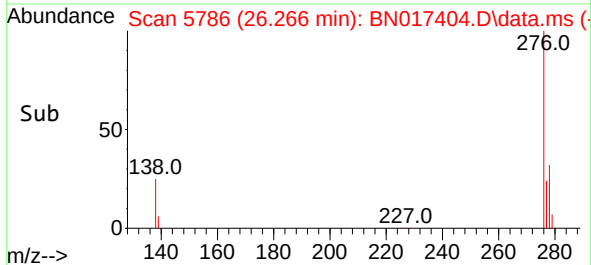
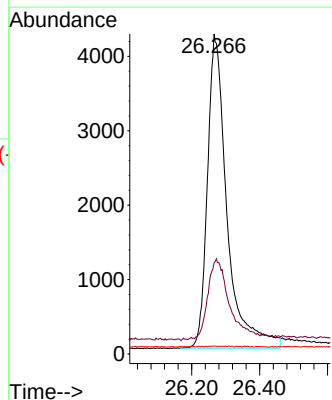
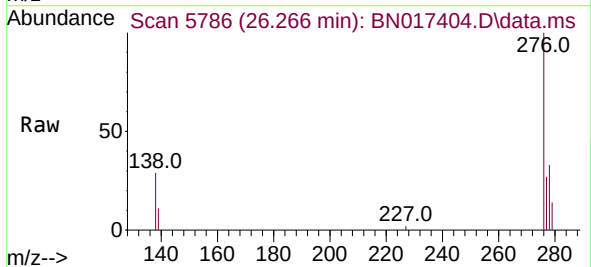
Instrument :
BNA_N
ClientSampleId :
SLCS631

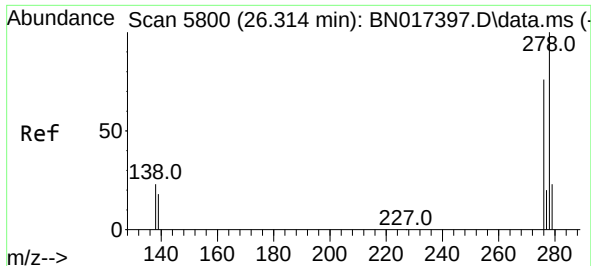
Tgt Ion:	252	Resp:	18085
Ion Ratio	Lower	Upper	
252	100		
253	30.7	25.0	37.4
125	22.4	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.266 min Scan# 5786
Delta R.T. -0.021 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:	276	Resp:	16856
Ion Ratio	Lower	Upper	
276	100		
138	27.7	0.1	0.1#
227	0.1	0.0	0.0#

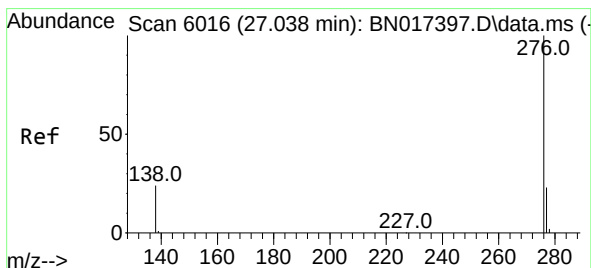
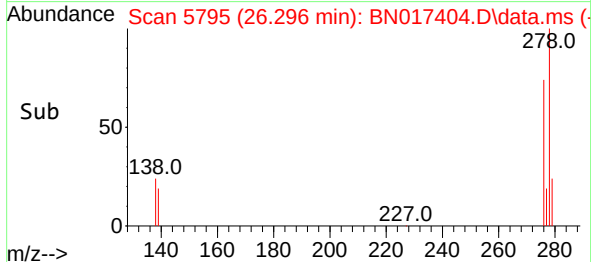
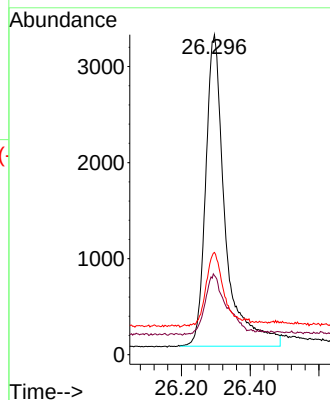
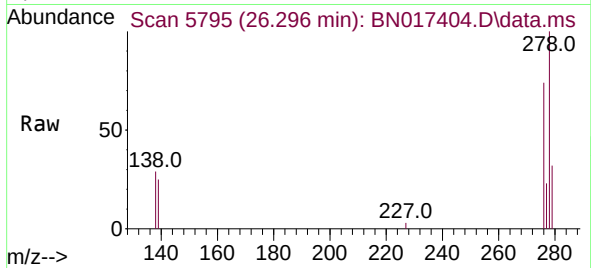




#28
Dibenzo(a,h)anthracene
Concen: 0.443 ng/ul
RT: 26.296 min Scan# 51
Delta R.T. -0.018 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Instrument :
BNA_N
ClientSampleId :
SLCS631

Tgt Ion:278 Resp: 12792
Ion Ratio Lower Upper
278 100
139 24.7 21.8 32.8
279 31.9 26.3 39.5



#29
Benzo(g,h,i)perylene
Concen: 0.451 ng/ul
RT: 27.017 min Scan# 6010
Delta R.T. -0.021 min
Lab File: BN017404.D
Acq: 13 Nov 2021 23:12

Tgt Ion:276 Resp: 15998
Ion Ratio Lower Upper
276 100
138 28.0 24.5 36.7
277 26.0 21.2 31.8

