

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017397.D
 Acq On : 13 Nov 2021 18:23
 Operator : CG/JU
 Sample : SSTD0.438
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 02:23:04 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 02:20:55 2021
 Response via : Initial Calibration

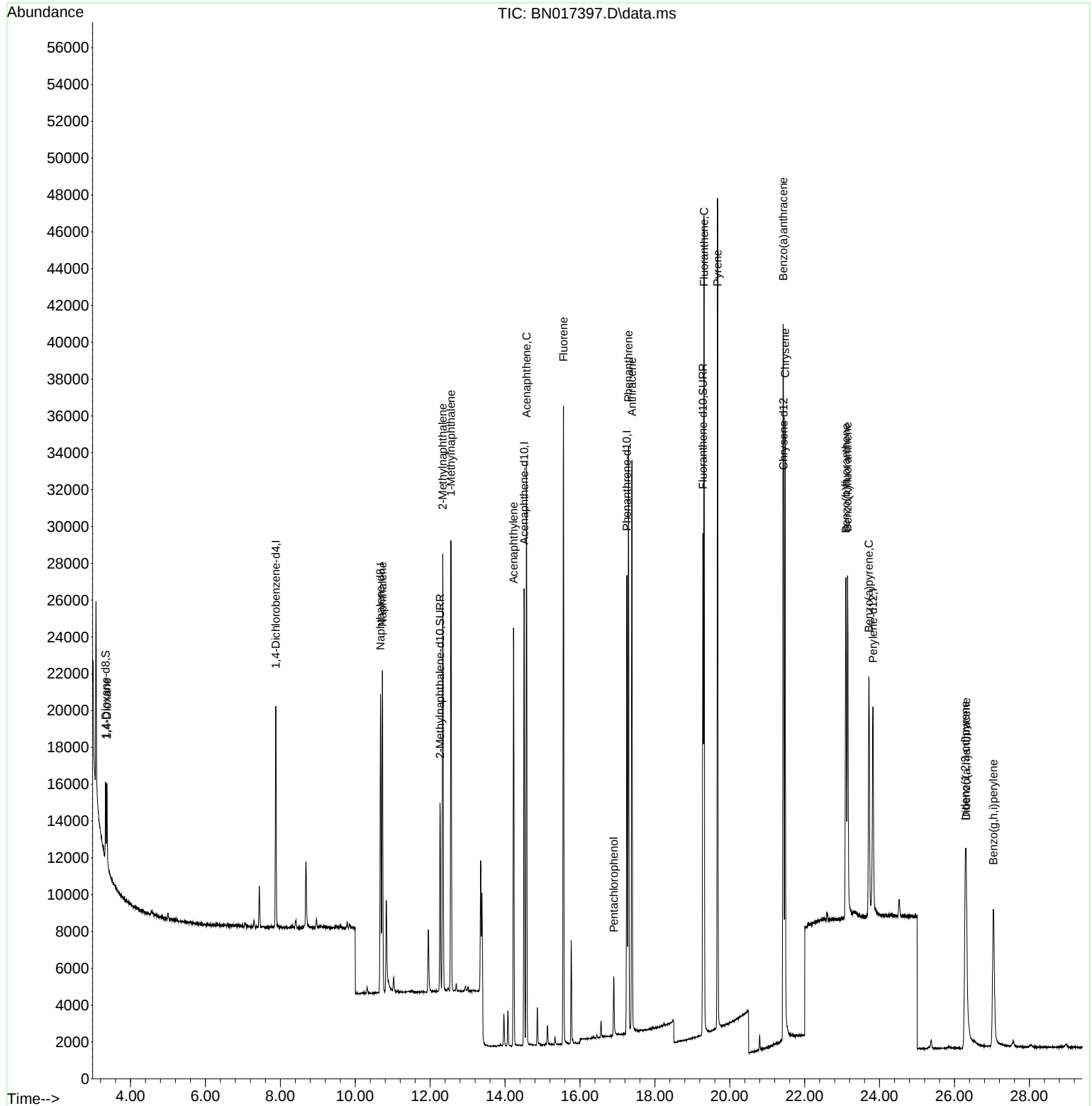
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	5964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.674	136	21799	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	13480	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.253	188	27880	0.400	ng/ul	0.00
17) Chrysene-d12	21.439	240	20328	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	15968	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	2640	0.398	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	13129	0.412	ng/ul	0.00
18) Fluoranthene-d10	19.283	212	29637	0.556	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.371	88	3747	0.526	ng/ul	100
5) Naphthalene	10.724	128	23738	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.335	142	16796	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.555	142	16663	0.390	ng/ul	100
10) Acenaphthylene	14.226	152	26121	0.490	ng/ul	100
11) Acenaphthene	14.573	153	18401	0.393	ng/ul	100
12) Fluorene	15.559	166	21771	0.398	ng/ul	100
14) Pentachlorophenol	16.902	266	2388	0.380	ng/ul	100
15) Phenanthrene	17.295	178	33618	0.380	ng/ul	100
16) Anthracene	17.388	178	34157	0.466	ng/ul	100
19) Fluoranthene	19.315	202	38158	0.525	ng/ul	100
20) Pyrene	19.673	202	39027	0.523	ng/ul	100
21) Benzo(a)anthracene	21.425	228	30389	0.457	ng/ul	100
22) Chrysene	21.477	228	30592	0.405	ng/ul	100
24) Benzo(b)fluoranthene	23.099	252	25399	0.427	ng/ul	100
25) Benzo(k)fluoranthene	23.146	252	26613	0.394	ng/ul	100
26) Benzo(a)pyrene	23.713	252	21841	0.409	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.287	276	19816	0.262	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.314	278	14818	0.247	ng/ul	100
29) Benzo(g,h,i)perylene	27.038	276	18452	0.288	ng/ul	100

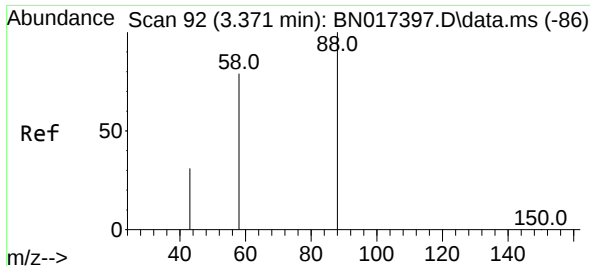
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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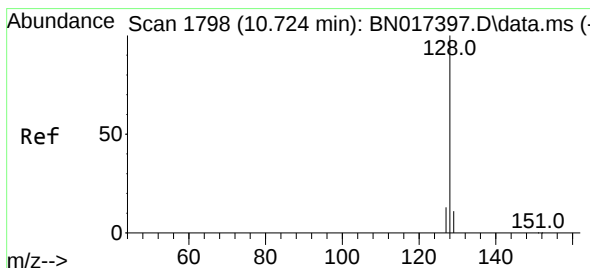
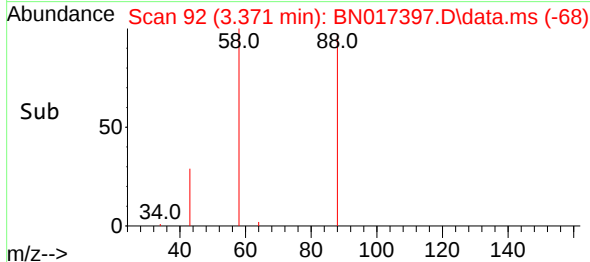
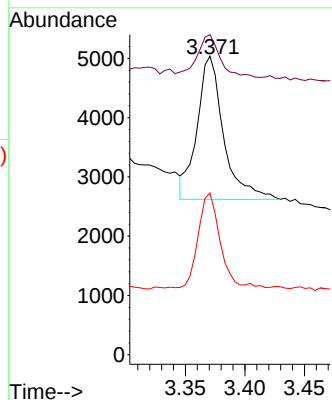
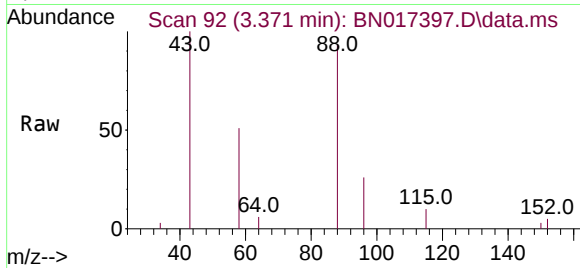




#2
 1,4-Dioxane
 Concen: 0.526 ng/ul
 RT: 3.371 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: BN017397.D
 Acq: 13 Nov 2021 18:23

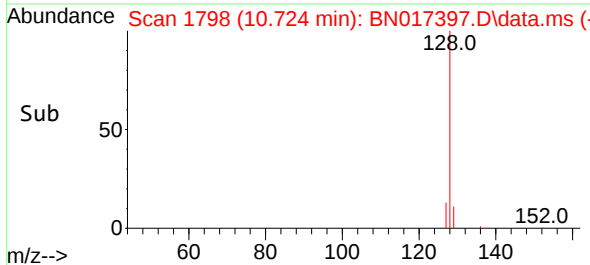
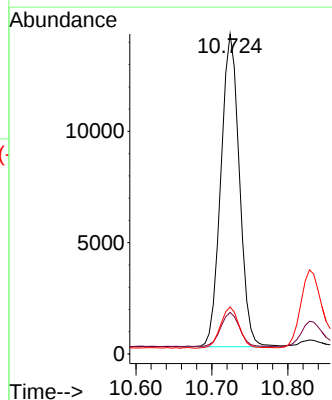
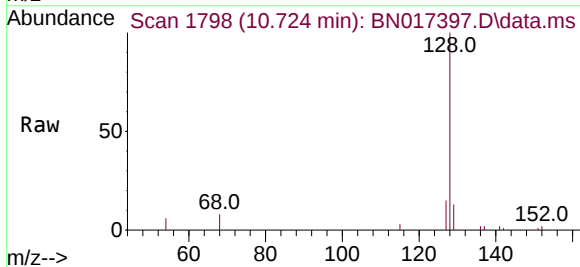
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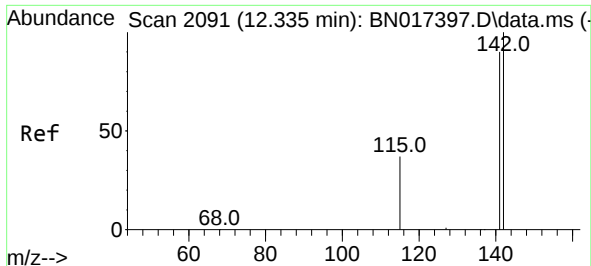
Tgt Ion: 88 Resp: 3747
 Ion Ratio Lower Upper
 88 100
 43 107.2 85.8 128.6
 58 54.2 43.4 65.0



#5
 Naphthalene
 Concen: 0.393 ng/ul
 RT: 10.724 min Scan# 1798
 Delta R.T. 0.000 min
 Lab File: BN017397.D
 Acq: 13 Nov 2021 18:23

Tgt Ion: 128 Resp: 23738
 Ion Ratio Lower Upper
 128 100
 129 13.0 10.4 15.6
 127 14.7 11.8 17.6

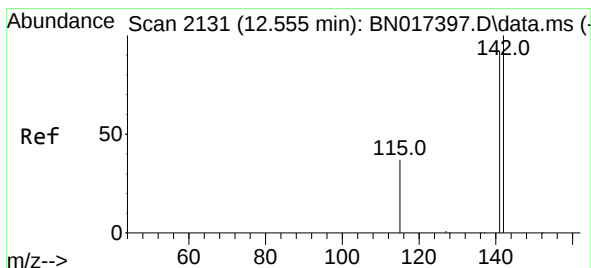
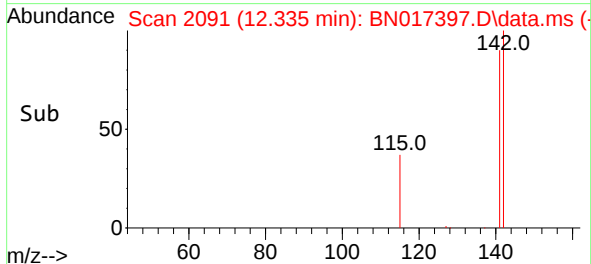
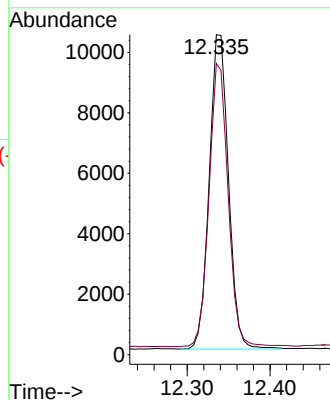
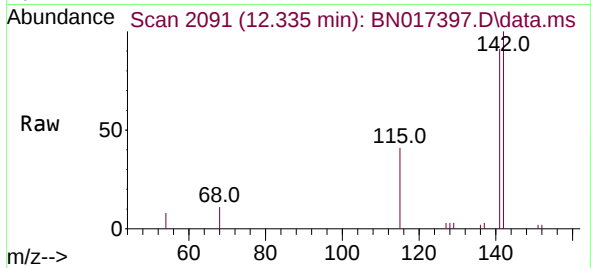




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.335 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

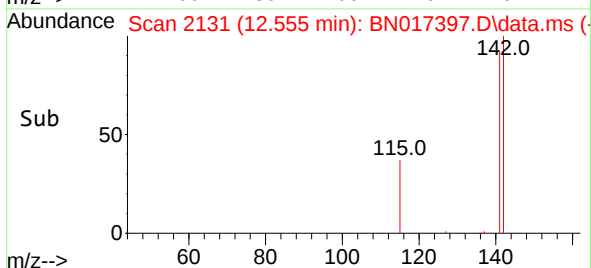
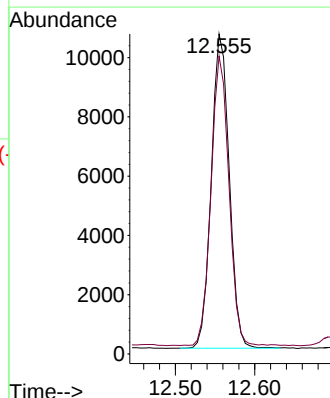
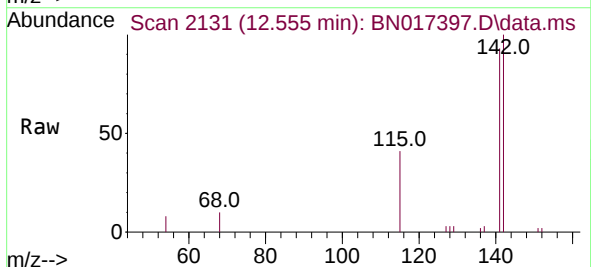
Instrument :
BNA_N
ClientSampleId :

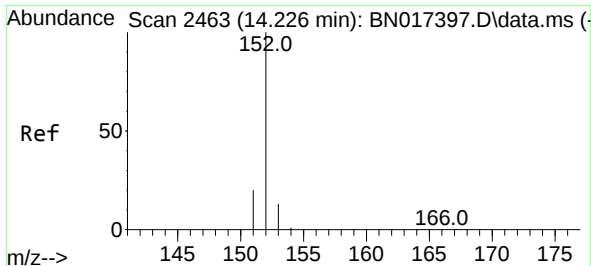
Tgt Ion:142 Resp: 16796
Ion Ratio Lower Upper
142 100
141 89.2 71.5 107.3



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.555 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion:142 Resp: 16663
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

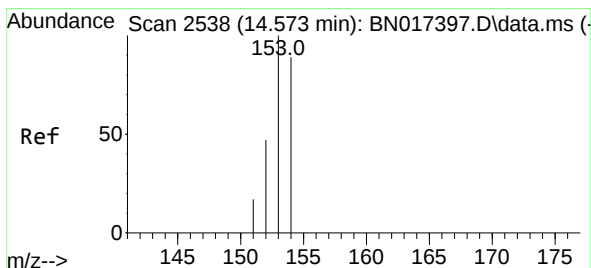
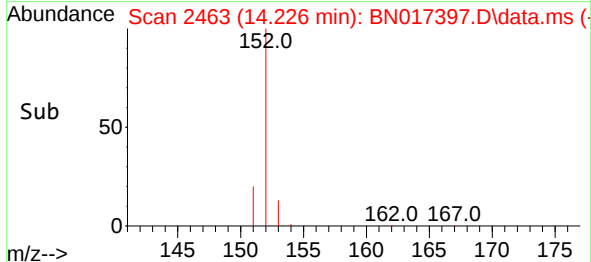
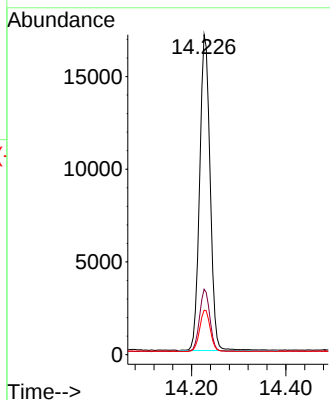
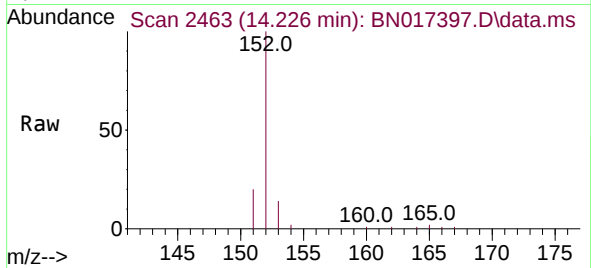




#10
Acenaphthylene
Concen: 0.490 ng/ul
RT: 14.226 min Scan# 2463
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

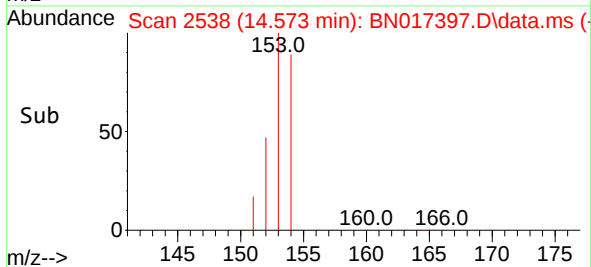
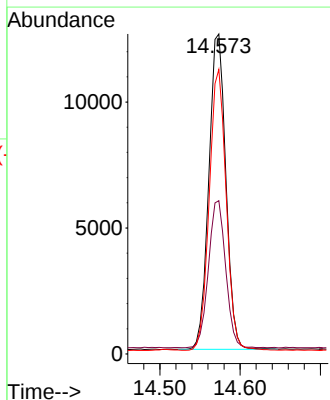
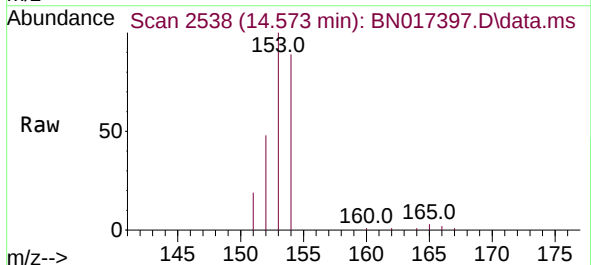
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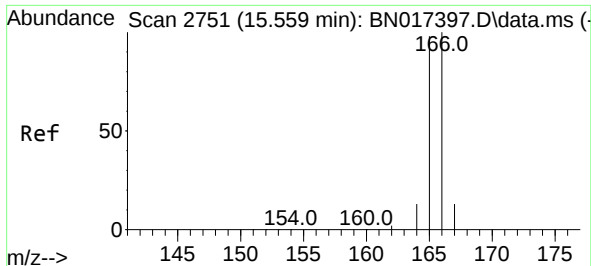
Tgt Ion:152 Resp: 26121
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.573 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion:153 Resp: 18401
Ion Ratio Lower Upper
153 100
152 47.9 38.3 57.5
154 88.9 71.1 106.7

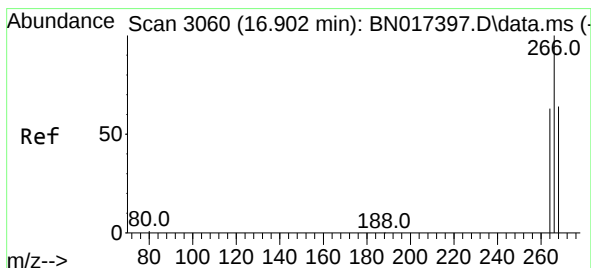
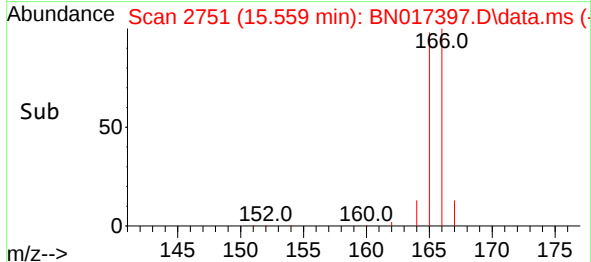
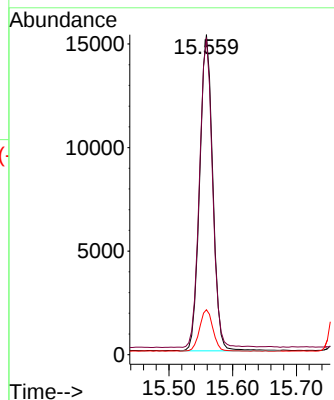
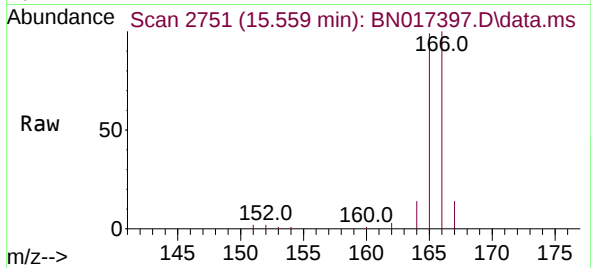




#12
Fluorene
Concen: 0.398 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

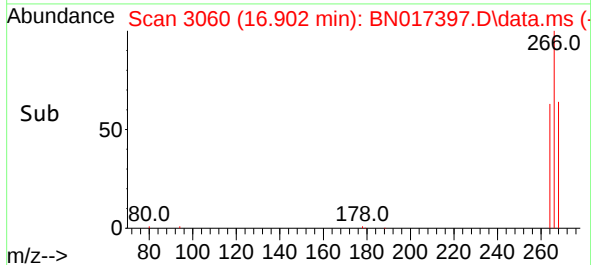
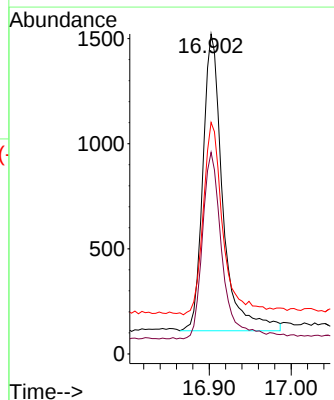
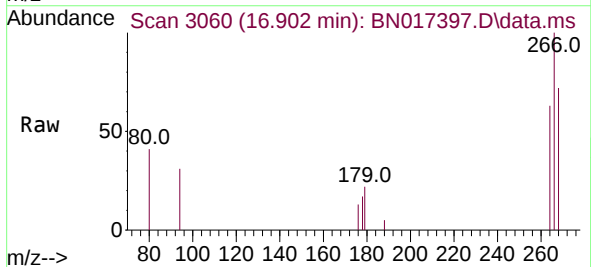
Instrument :
BNA_N
ClientSampleId :

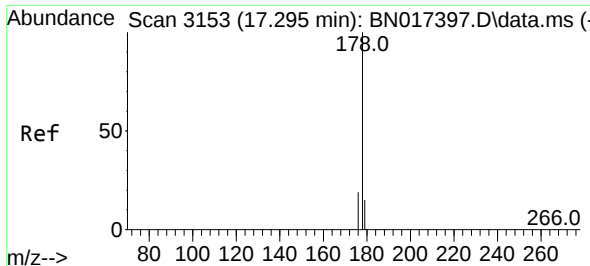
Tgt Ion:166 Resp: 21771
Ion Ratio Lower Upper
166 100
165 99.0 79.2 118.8
167 14.0 11.2 16.8



#14
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 16.902 min Scan# 3060
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion:266 Resp: 2388
Ion Ratio Lower Upper
266 100
264 63.0 50.3 75.5
268 64.9 52.2 78.4

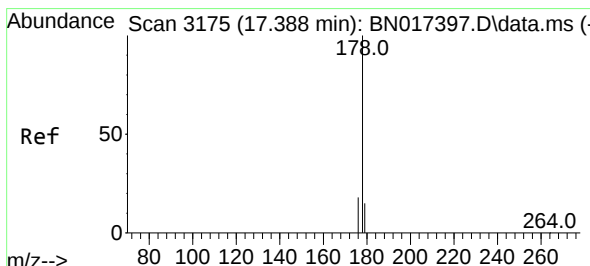
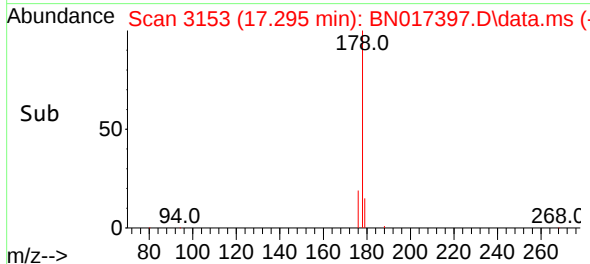
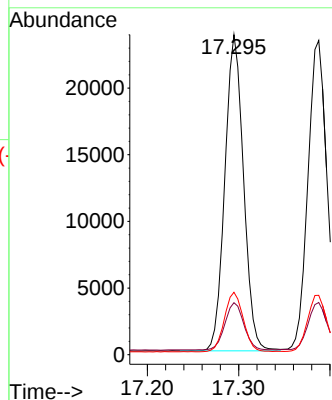
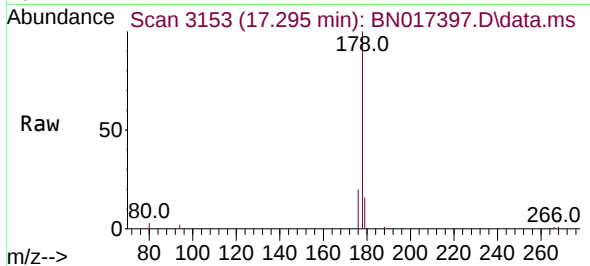




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.295 min Scan# 3153
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

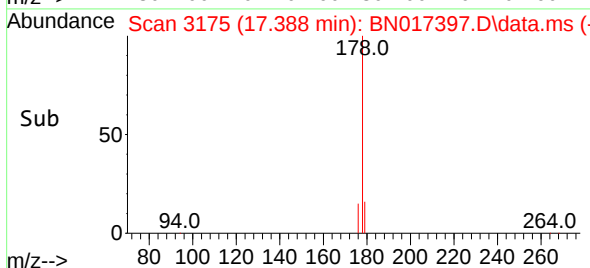
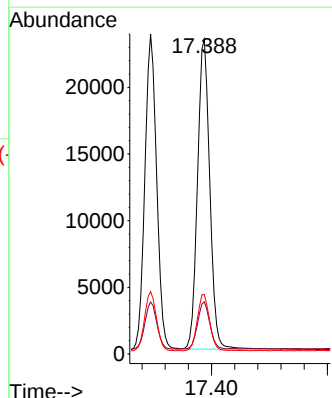
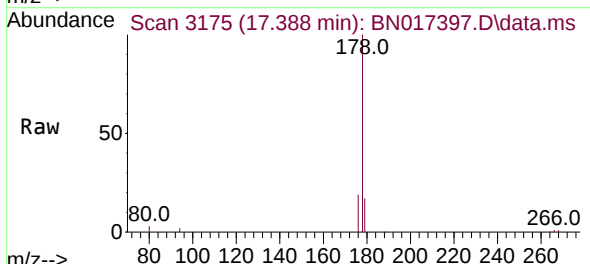
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BNA_N
ClientSampleId :

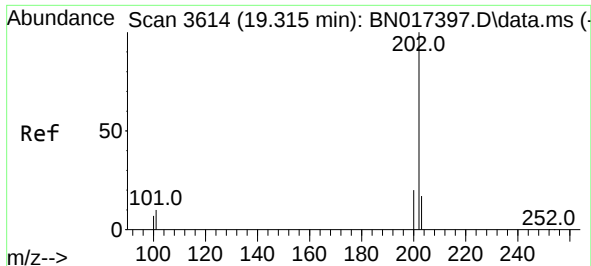
Tgt Ion:178 Resp: 33618
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.4
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.466 ng/ul
RT: 17.388 min Scan# 3175
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion:178 Resp: 34157
Ion Ratio Lower Upper
178 100
179 16.6 13.3 19.9
176 18.9 15.1 22.7

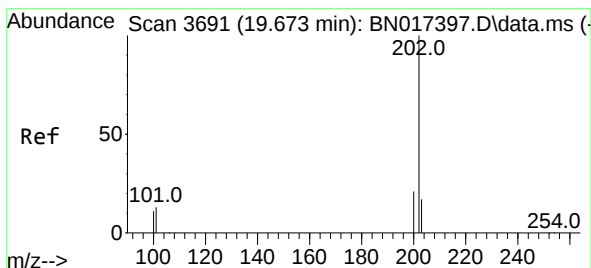
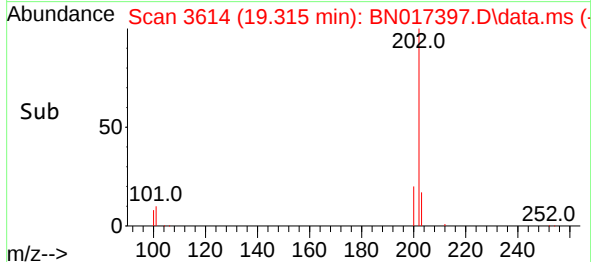
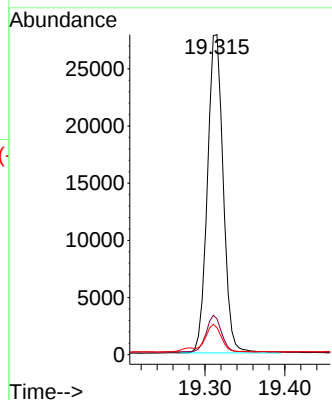
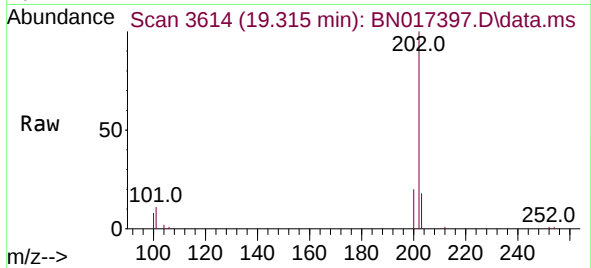




#19
Fluoranthene
Concen: 0.525 ng/ul
RT: 19.315 min Scan# 3614
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

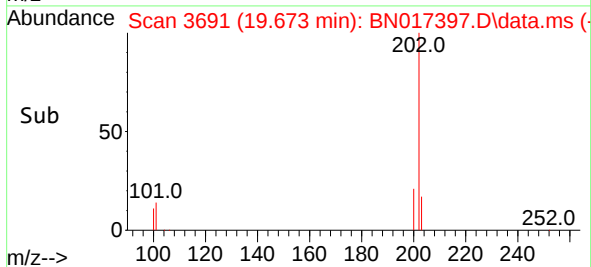
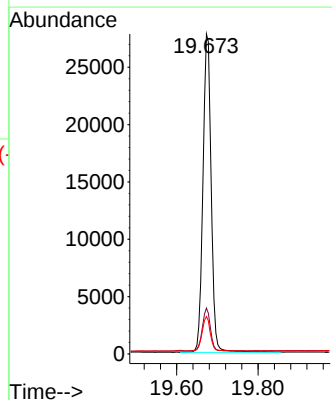
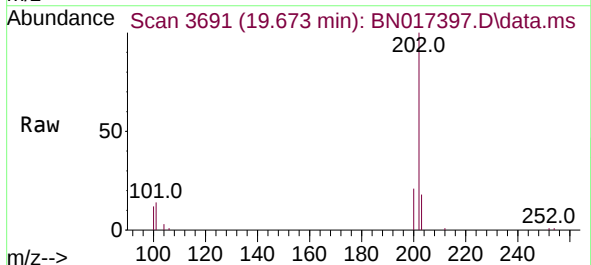
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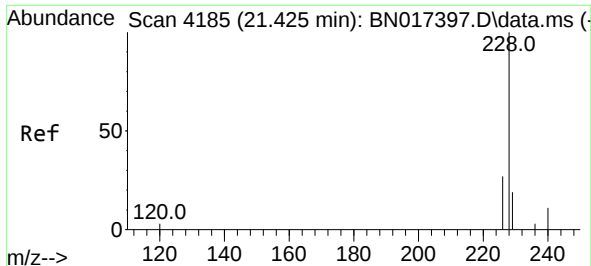
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
100	8.5	6.8	10.2



#20
Pyrene
Concen: 0.523 ng/ul
RT: 19.673 min Scan# 3691
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.4	17.2
100	11.7	9.4	14.0

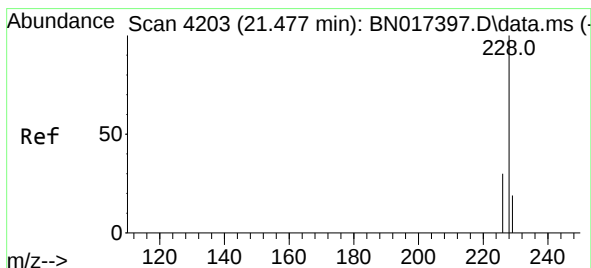
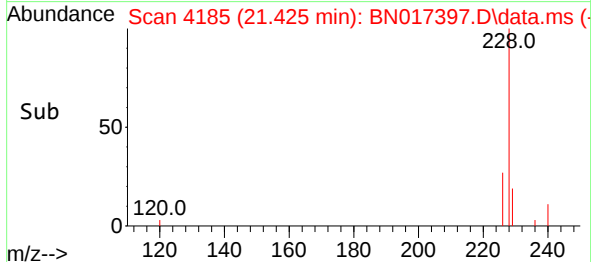
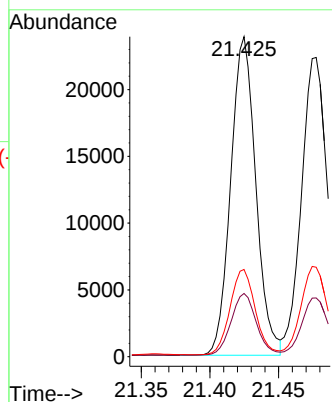
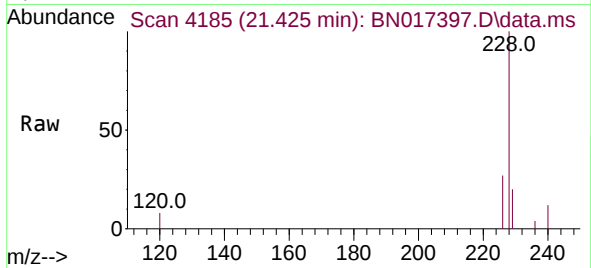




#21
Benzo(a)anthracene
Concen: 0.457 ng/ul
RT: 21.425 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

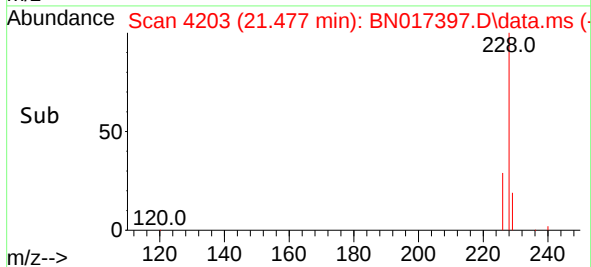
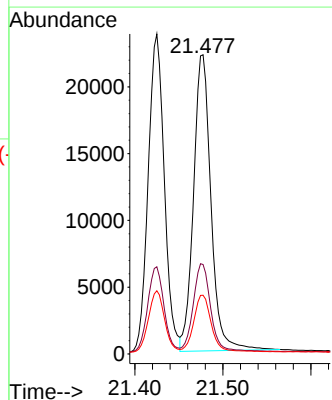
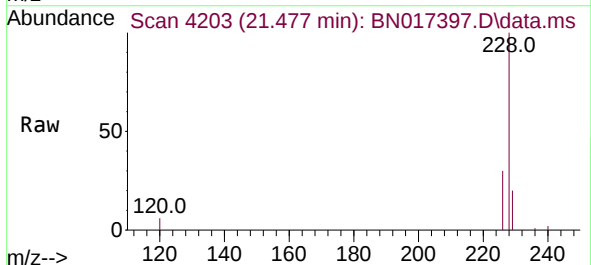
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BNA_N
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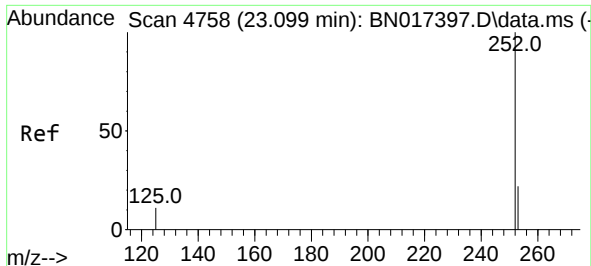
Tgt Ion:228 Resp: 30389
Ion Ratio Lower Upper
228 100
229 19.7 15.8 23.6
226 27.3 21.8 32.8



#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.477 min Scan# 4203
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion:228 Resp: 30592
Ion Ratio Lower Upper
228 100
226 29.9 23.9 35.9
229 19.6 15.7 23.5

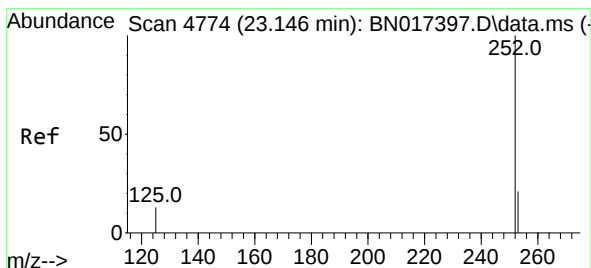
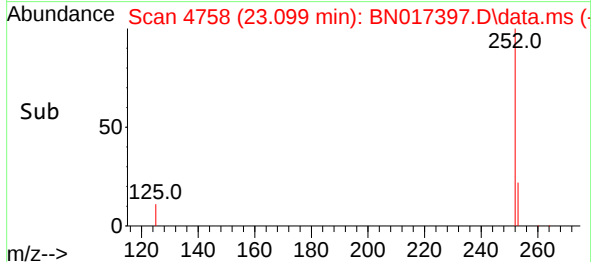
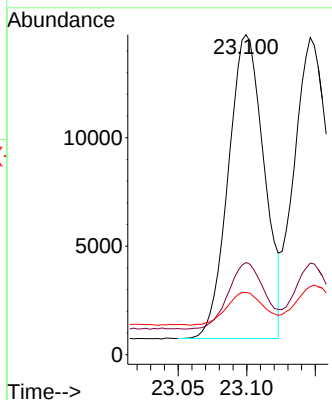
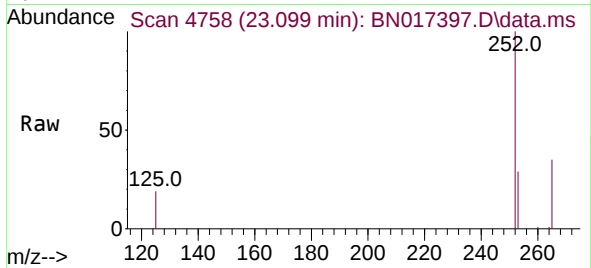




#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 23.099 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

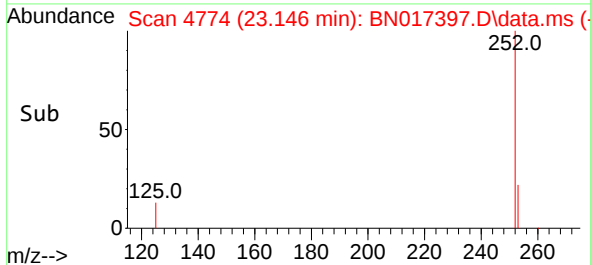
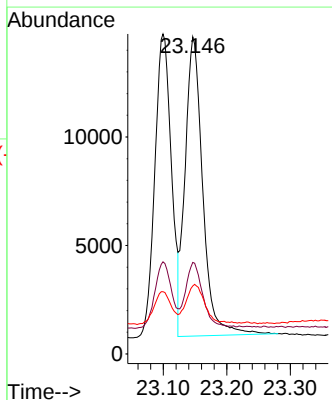
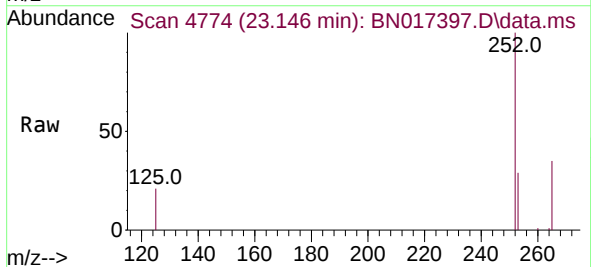
Instrument :
BNA_N
ClientSampleId :

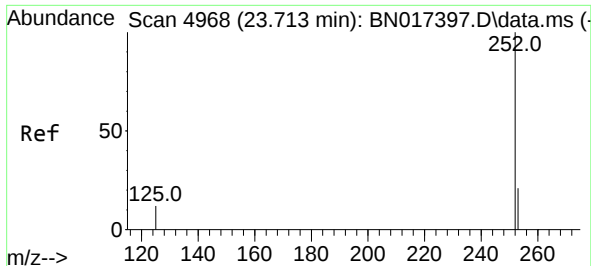
Tgt Ion:252 Resp: 25399
Ion Ratio Lower Upper
252 100
253 28.8 0.0 57.6
125 19.5 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 0.394 ng/ul
RT: 23.146 min Scan# 4774
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion:252 Resp: 26613
Ion Ratio Lower Upper
252 100
253 28.9 23.1 34.7
125 21.4 17.1 25.7

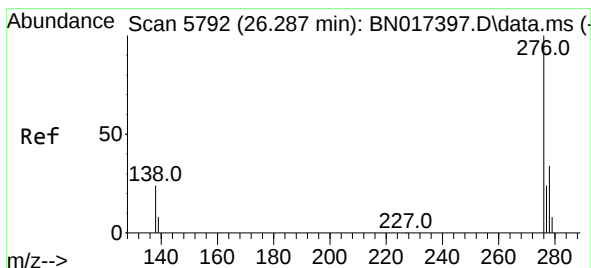
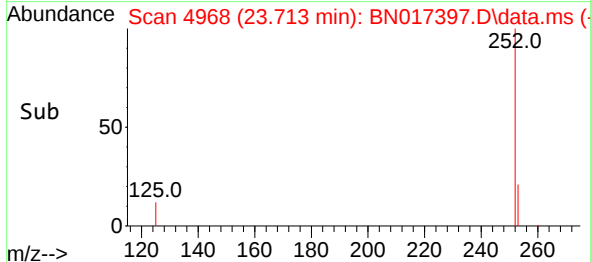
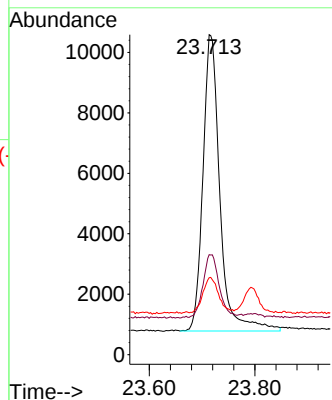
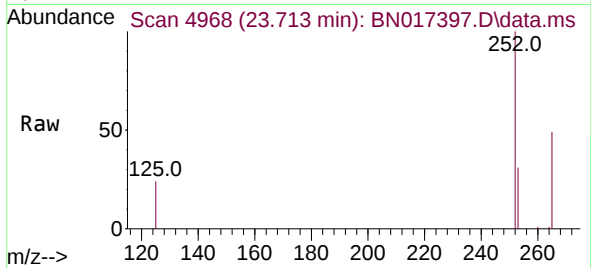




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.713 min Scan# 4968
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

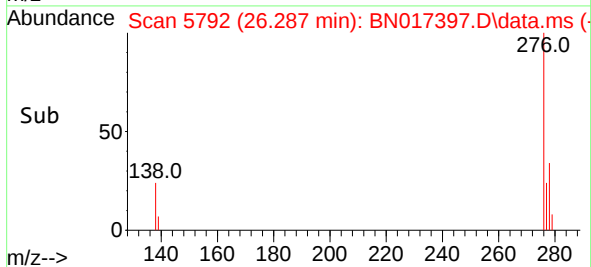
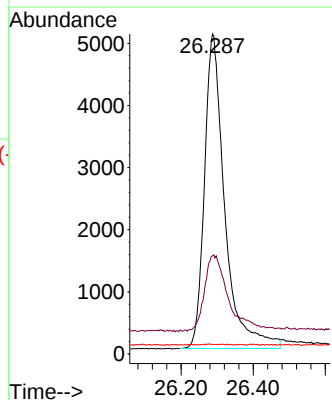
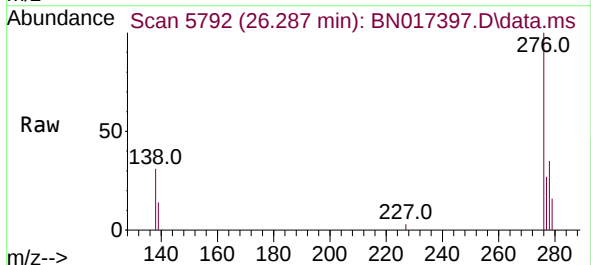
Instrument :
BNA_N
ClientSampleId :

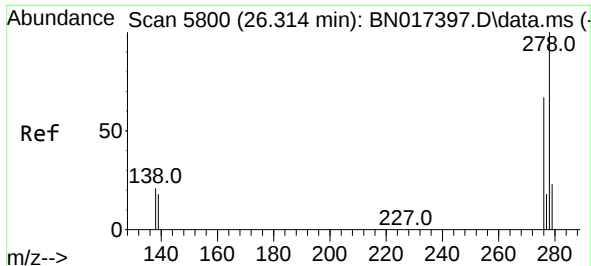
Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.2	25.0	37.4
125	24.1	19.3	28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.262 ng/ul
RT: 26.287 min Scan# 5792
Delta R.T. 0.000 min
Lab File: BN017397.D
Acq: 13 Nov 2021 18:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.1	0.1#
227	0.1	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.247 ng/ul

RT: 26.314 min Scan# 5800

Delta R.T. 0.000 min

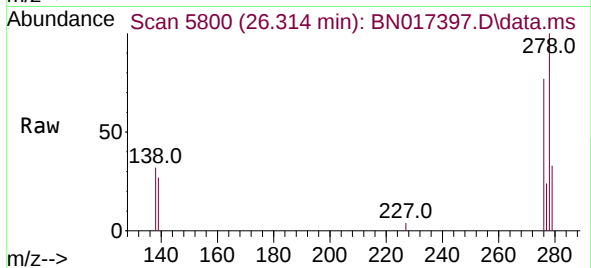
Lab File: BN017397.D

Acq: 13 Nov 2021 18:23

Instrument :

BNA_N

ClientSampleId :



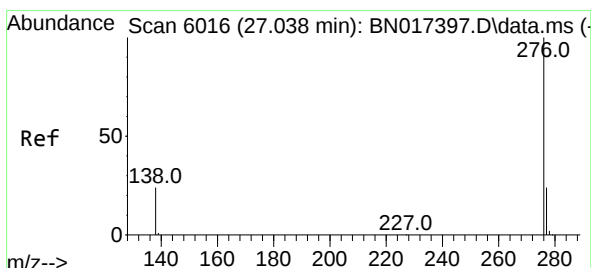
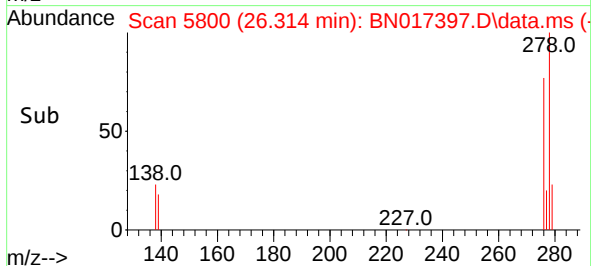
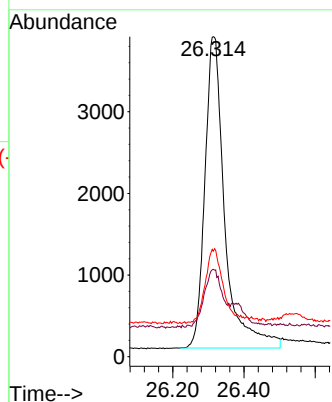
Tgt Ion:278 Resp: 14818

Ion Ratio Lower Upper

278 100

139 27.3 21.8 32.8

279 32.9 26.3 39.5



#29

Benzo(g,h,i)perylene

Concen: 0.288 ng/ul

RT: 27.038 min Scan# 6016

Delta R.T. 0.000 min

Lab File: BN017397.D

Acq: 13 Nov 2021 18:23

Tgt Ion:276 Resp: 18452

Ion Ratio Lower Upper

276 100

138 30.6 24.5 36.7

277 26.5 21.2 31.8

