

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017399.D
 Acq On : 13 Nov 2021 19:35
 Operator : CG/JU
 Sample : SSTD1.640
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 02:23:18 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

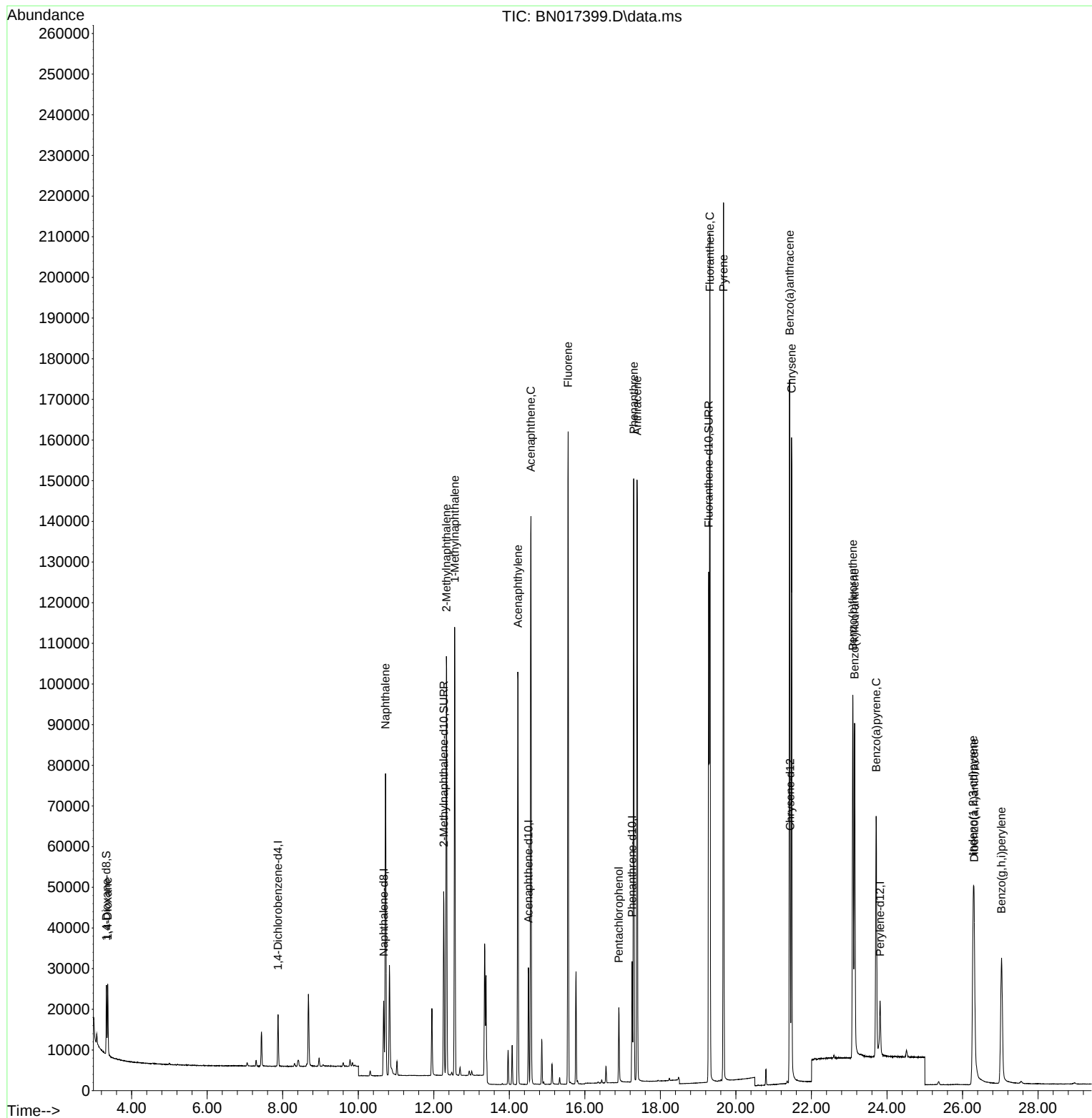
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	6224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.673	136	23999	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.507	164	15778	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.252	188	34028	0.400	ng/ul	0.00
17) Chrysene-d12	21.438	240	24781	0.400	ng/ul	0.00
23) Perylene-d12	23.818	264	18512	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	10226	1.478	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.262	152	57315	1.635	ng/ul	0.00
18) Fluoranthene-d10	19.282	212	137661	2.119	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.366	88	11655	1.568	ng/ul#	61
5) Naphthalene	10.723	128	101504	1.527	ng/ul	96
7) 2-Methylnaphthalene	12.334	142	73406	1.596	ng/ul	99
8) 1-Methylnaphthalene	12.554	142	72492	1.540	ng/ul	100
10) Acenaphthylene	14.225	152	115427	1.849	ng/ul	98
11) Acenaphthene	14.572	153	81856	1.495	ng/ul	100
12) Fluorene	15.557	166	97420	1.523	ng/ul	99
14) Pentachlorophenol	16.901	266	12171	1.587	ng/ul	99
15) Phenanthrene	17.294	178	153528	1.422	ng/ul	98
16) Anthracene	17.382	178	154357	1.724	ng/ul	99
19) Fluoranthene	19.309	202	174819	1.972	ng/ul	100
20) Pyrene	19.672	202	177816	1.955	ng/ul	97
21) Benzo(a)anthracene	21.421	228	142354	1.754	ng/ul	99
22) Chrysene	21.474	228	139223	1.513	ng/ul	100
24) Benzo(b)fluoranthene	23.096	252	116251	1.685	ng/ul	87
25) Benzo(k)fluoranthene	23.142	252	117661	1.504	ng/ul#	86
26) Benzo(a)pyrene	23.715	252	95583	1.544	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.283	276	82441	0.939	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.309	278	61692	0.888	ng/ul#	86
29) Benzo(g,h,i)perylene	27.034	276	74222	0.999	ng/ul	92

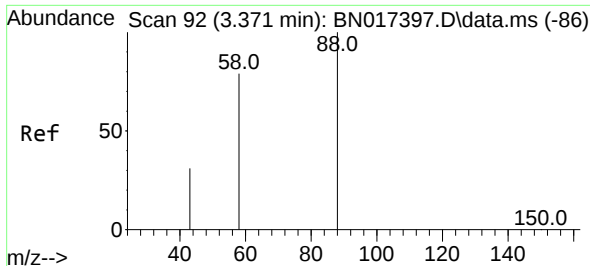
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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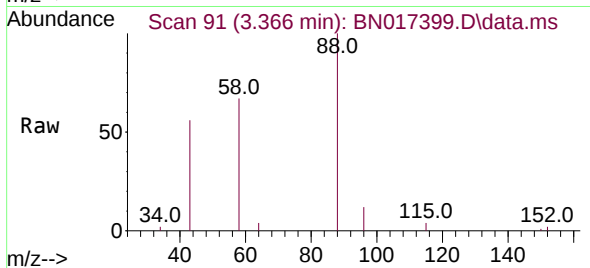
Quant Time: Nov 15 02:23:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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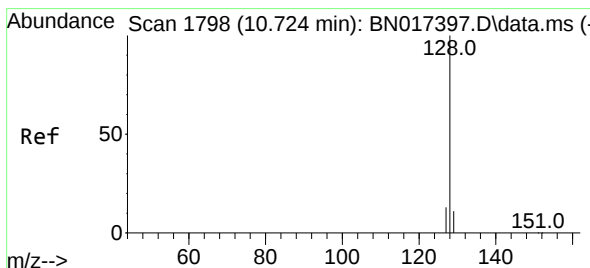
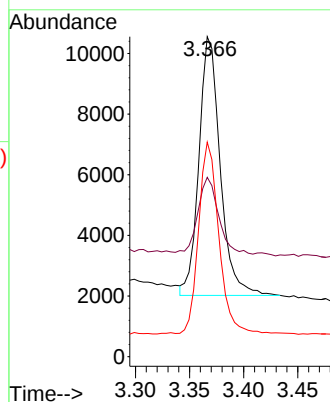
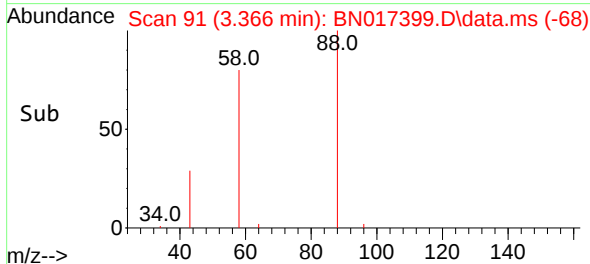


#2
1,4-Dioxane
Concen: 1.568 ng/ul
RT: 3.366 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
ClientSampleId :

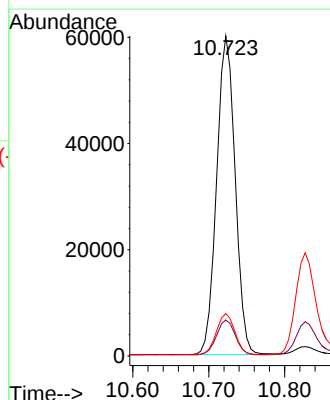
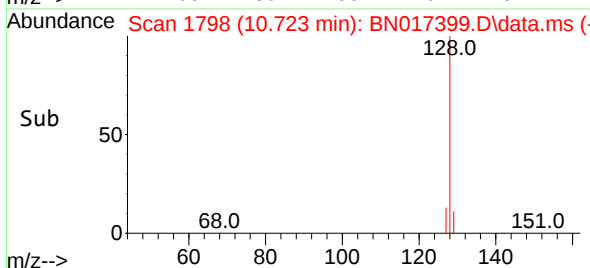
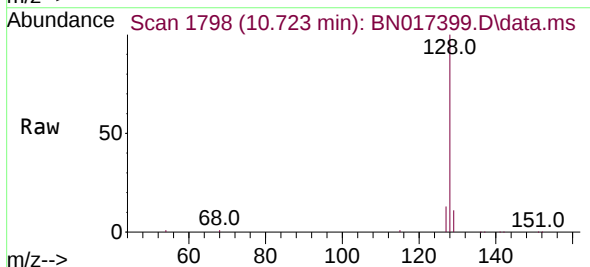


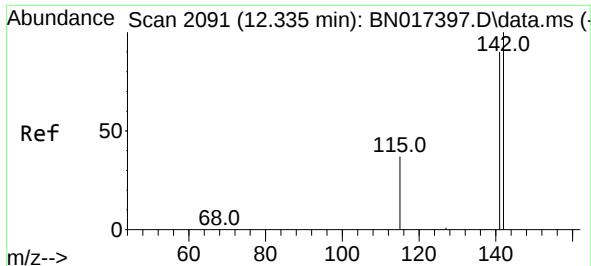
Tgt Ion: 88 Resp: 11655
Ion Ratio Lower Upper
88 100
43 56.0 85.8 128.6#
58 67.0 43.4 65.0#



#5
Naphthalene
Concen: 1.527 ng/ul
RT: 10.723 min Scan# 1798
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Tgt Ion:128 Resp: 101504
Ion Ratio Lower Upper
128 100
129 11.3 10.4 15.6
127 13.3 11.8 17.6

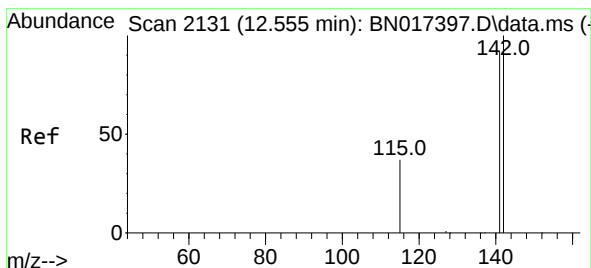
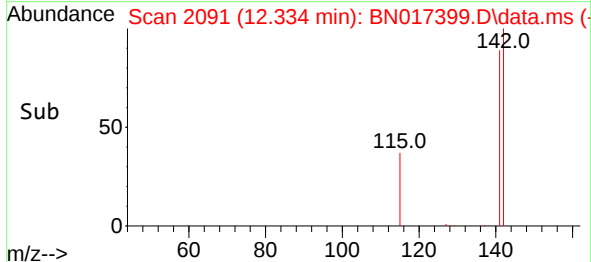
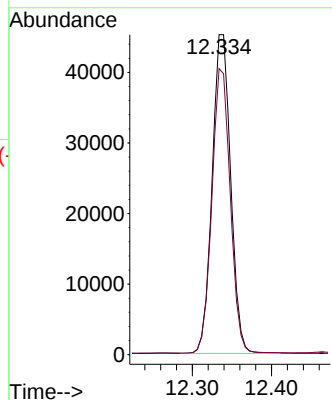
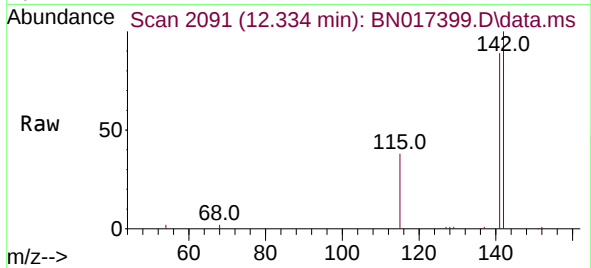




#7
2-Methylnaphthalene
Concen: 1.596 ng/ul
RT: 12.334 min Scan# 2091
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

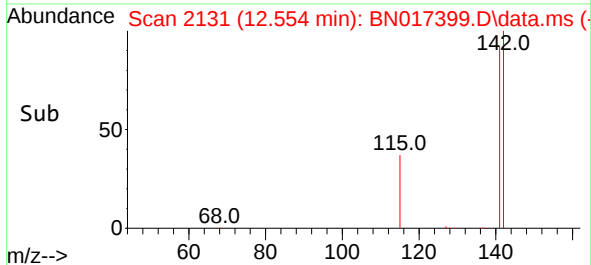
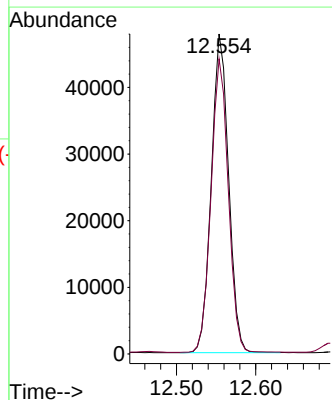
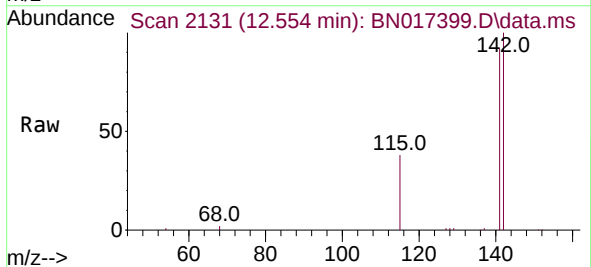
Instrument :
BNA_N
ClientSampleId :

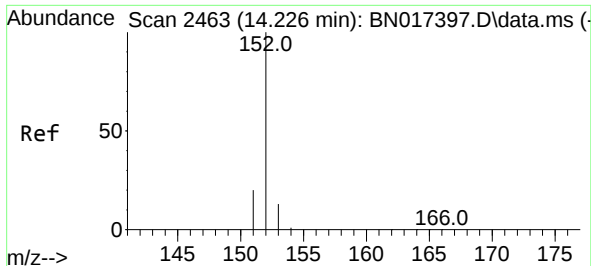
Tgt Ion:142 Resp: 73406
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3



#8
1-Methylnaphthalene
Concen: 1.540 ng/ul
RT: 12.554 min Scan# 2131
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Tgt Ion:142 Resp: 72492
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9

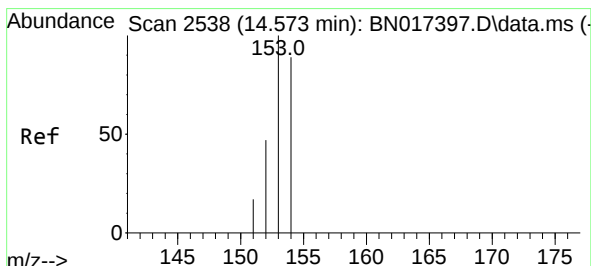
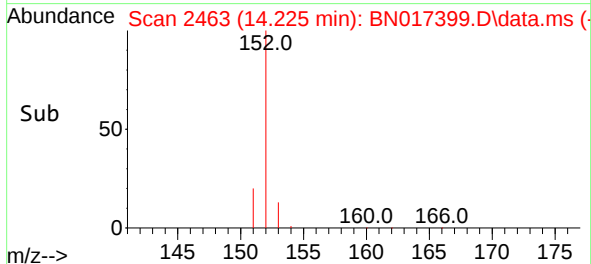
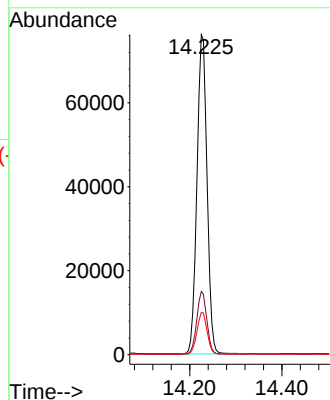
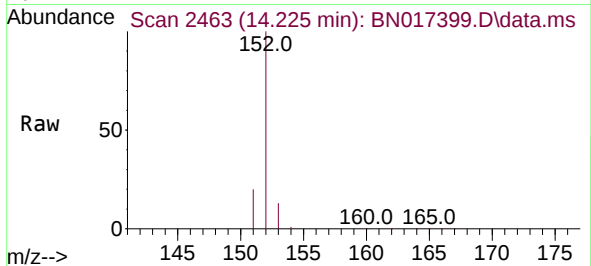




#10
Acenaphthylene
Concen: 1.849 ng/ul
RT: 14.225 min Scan# 2463
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

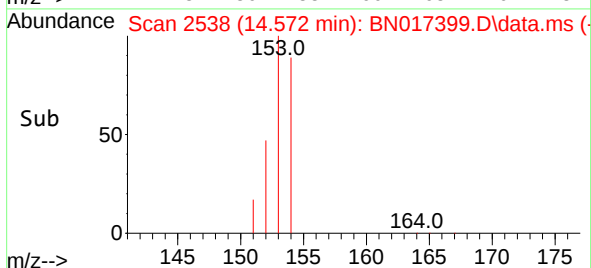
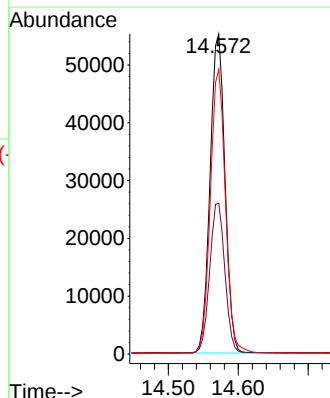
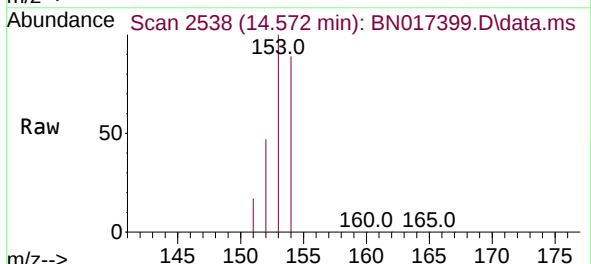
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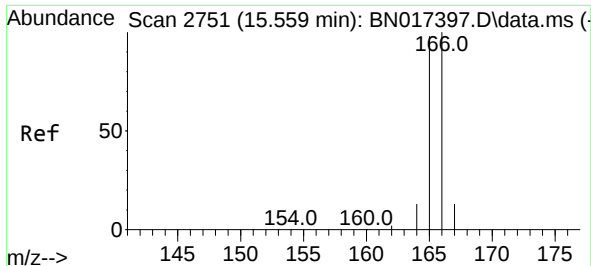
Tgt Ion:152 Resp: 115427
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 13.2 11.1 16.7



#11
Acenaphthene
Concen: 1.495 ng/ul
RT: 14.572 min Scan# 2538
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

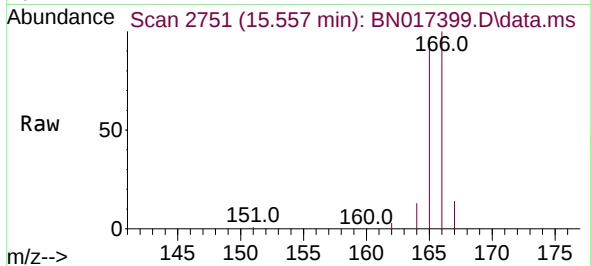
Tgt Ion:153 Resp: 81856
Ion Ratio Lower Upper
153 100
152 47.1 38.3 57.5
154 88.9 71.1 106.7



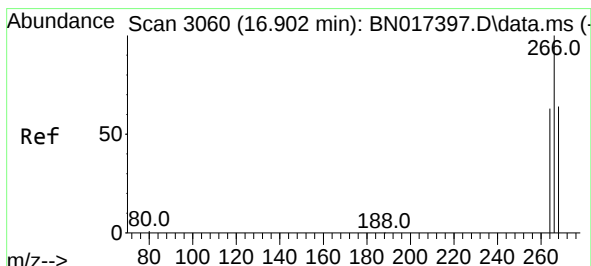
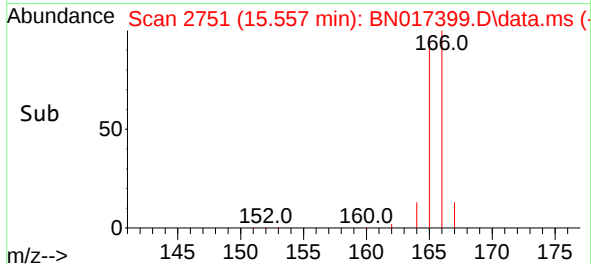
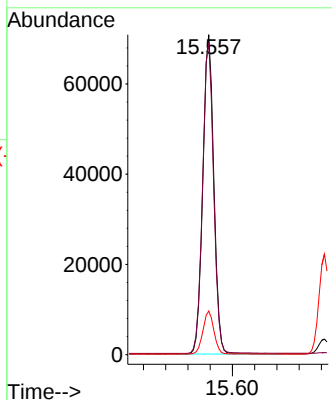


#12
Fluorene
Concen: 1.523 ng/ul
RT: 15.557 min Scan# 21
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
ClientSampleId :

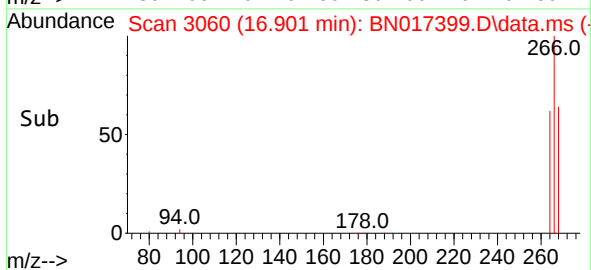
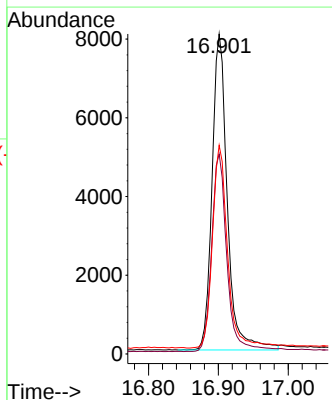
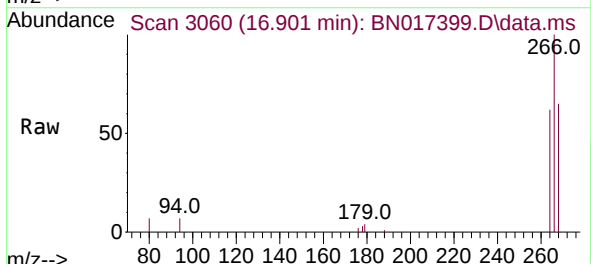


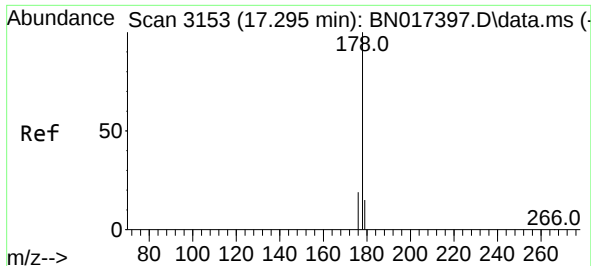
Tgt Ion:166 Resp: 97420
Ion Ratio Lower Upper
166 100
165 97.5 79.2 118.8
167 13.7 11.2 16.8



#14
Pentachlorophenol
Concen: 1.587 ng/ul
RT: 16.901 min Scan# 3060
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

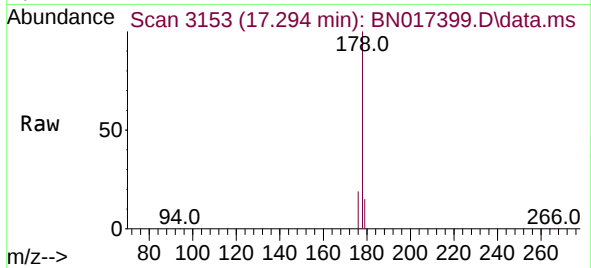
Tgt Ion:266 Resp: 12171
Ion Ratio Lower Upper
266 100
264 62.4 50.3 75.5
268 64.3 52.2 78.4



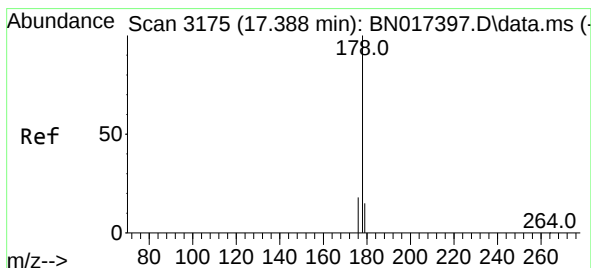
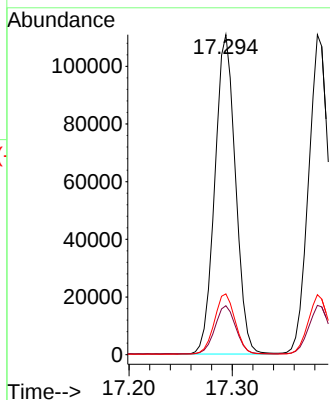


#15
Phenanthrene
Concen: 1.422 ng/ul
RT: 17.294 min Scan# 3153
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
ClientSampleId :

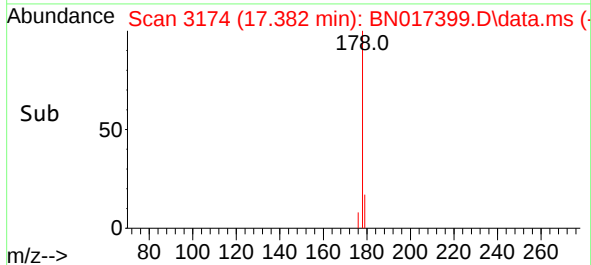
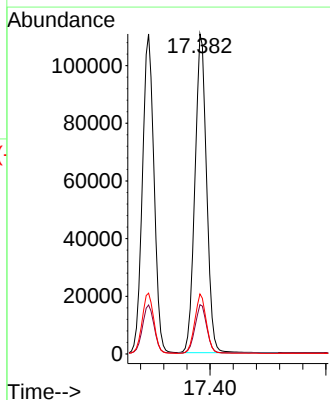
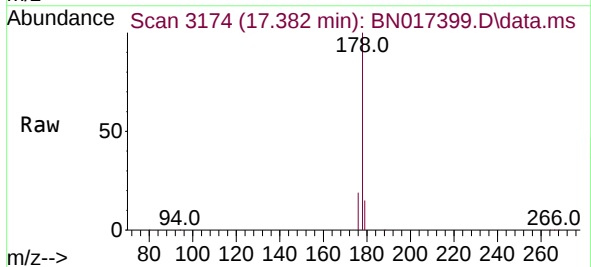


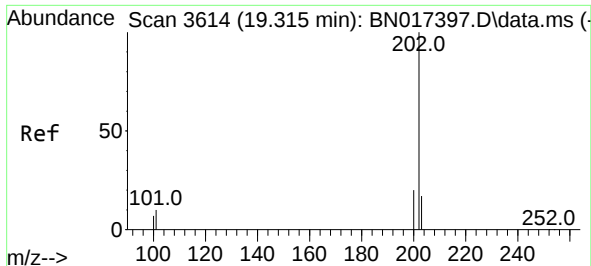
Tgt Ion:178 Resp: 153528
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.0 15.6 23.4



#16
Anthracene
Concen: 1.724 ng/ul
RT: 17.382 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

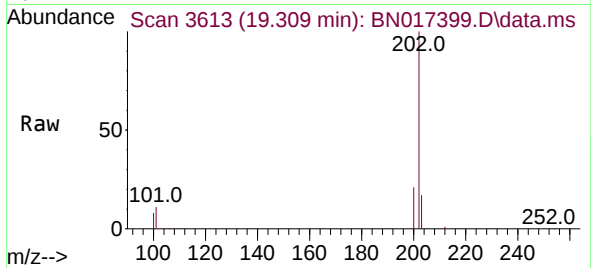
Tgt Ion:178 Resp: 154357
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 18.7 15.1 22.7



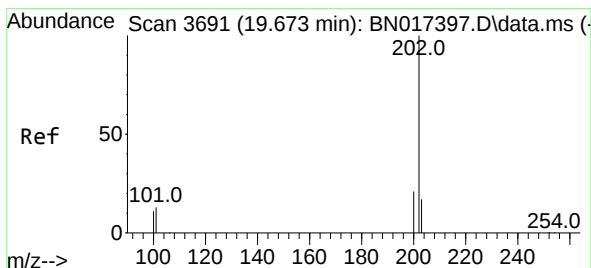
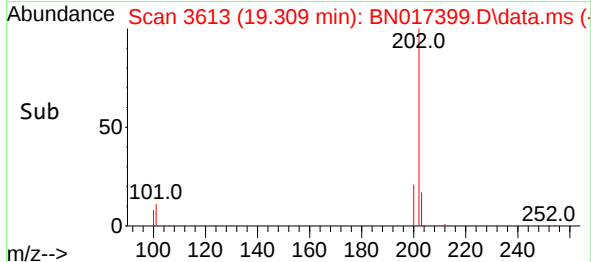
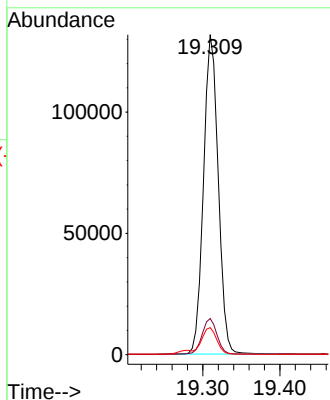


#19
Fluoranthene
Concen: 1.972 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. -0.006 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
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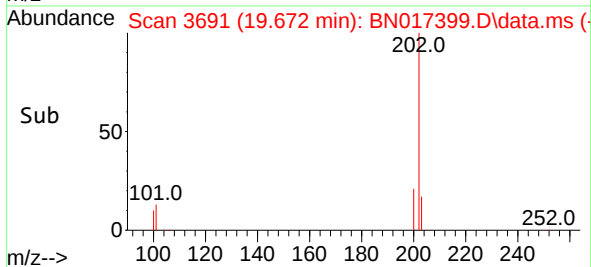
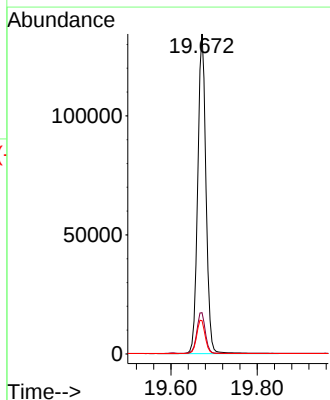
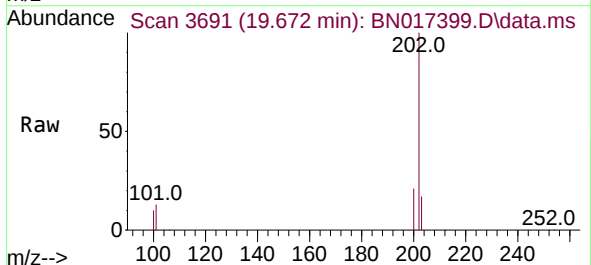


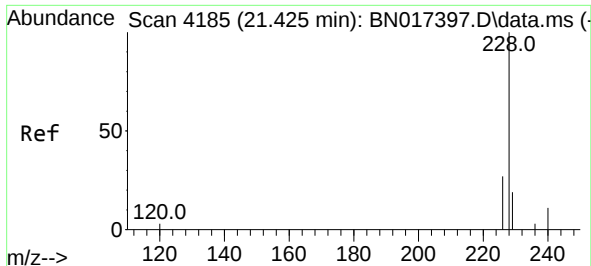
Tgt Ion:202 Resp: 174819
Ion Ratio Lower Upper
202 100
101 11.3 9.0 13.4
100 8.5 6.8 10.2



#20
Pyrene
Concen: 1.955 ng/ul
RT: 19.672 min Scan# 3691
Delta R.T. -0.001 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

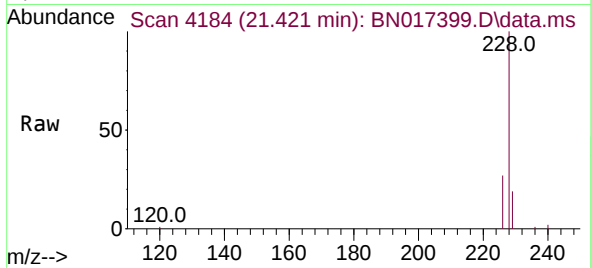
Tgt Ion:202 Resp: 177816
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.2
100 10.4 9.4 14.0



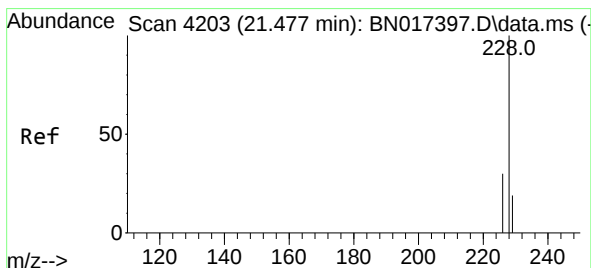
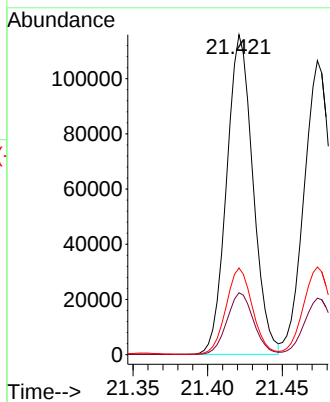
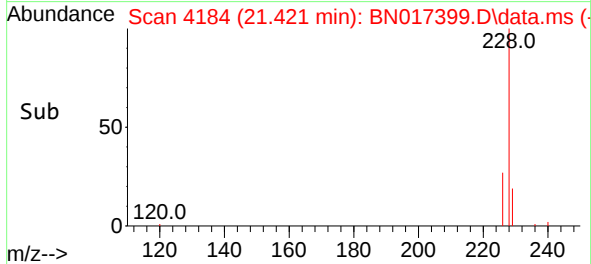


#21
Benzo(a)anthracene
Concen: 1.754 ng/ul
RT: 21.421 min Scan# 4184
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
ClientSampleId :

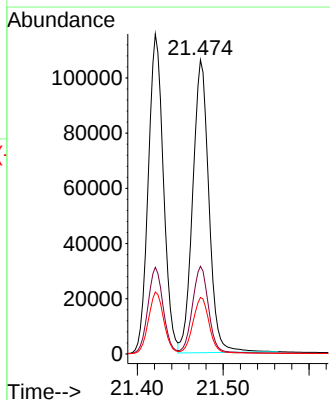
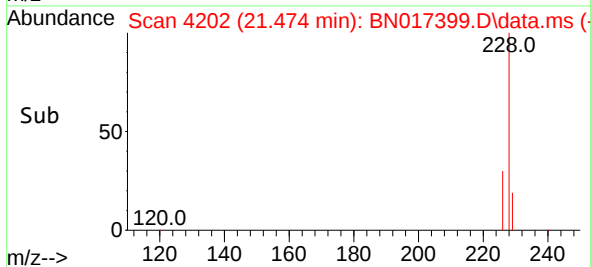
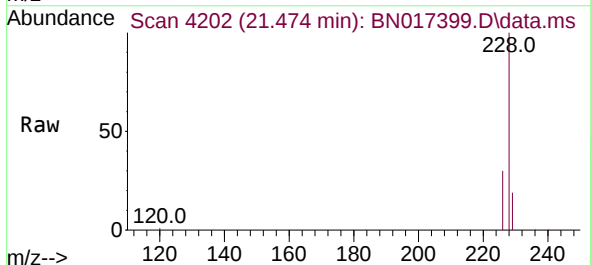


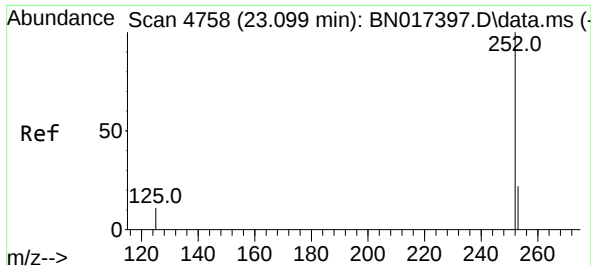
Tgt Ion:228 Resp: 142354
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 27.1 21.8 32.8



#22
Chrysene
Concen: 1.513 ng/ul
RT: 21.474 min Scan# 4202
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Tgt Ion:228 Resp: 139223
Ion Ratio Lower Upper
228 100
226 29.8 23.9 35.9
229 19.2 15.7 23.5

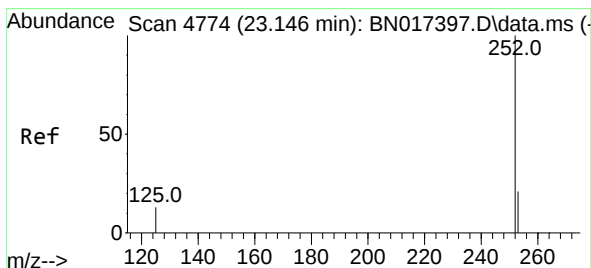
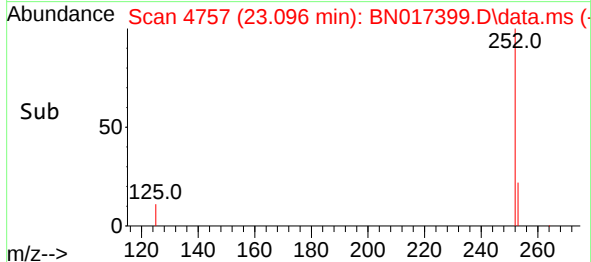
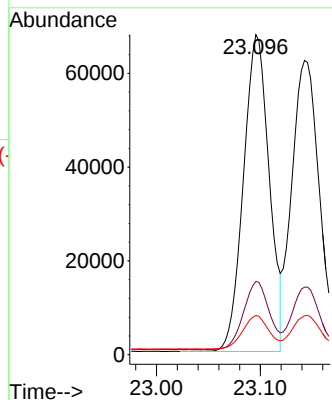
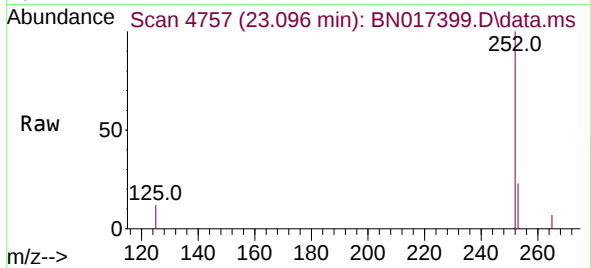




#24
Benzo(b)fluoranthene
Concen: 1.685 ng/ul
RT: 23.096 min Scan# 4758
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

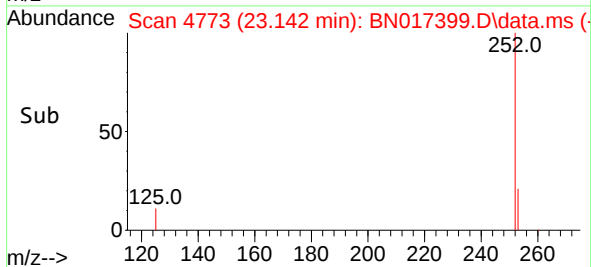
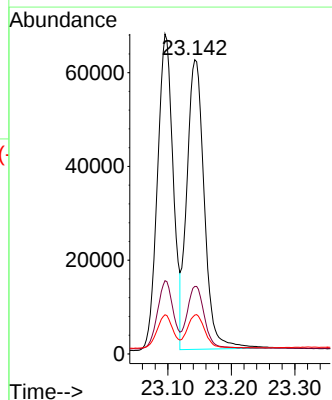
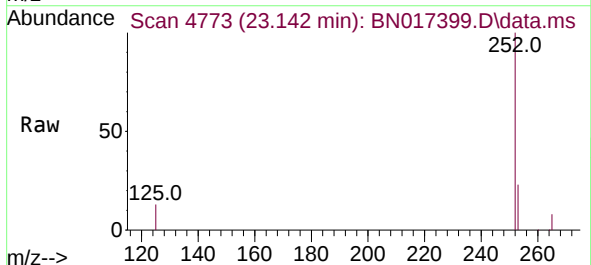
Instrument :
BNA_N
ClientSampleId :

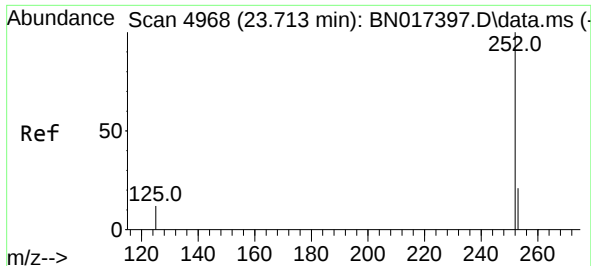
Tgt Ion:252 Resp: 116251
Ion Ratio Lower Upper
252 100
253 22.9 0.0 57.6
125 12.3 0.0 39.0



#25
Benzo(k)fluoranthene
Concen: 1.504 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

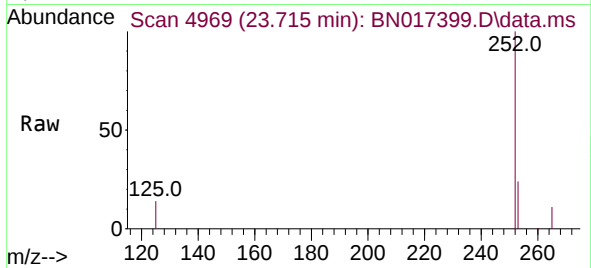
Tgt Ion:252 Resp: 117661
Ion Ratio Lower Upper
252 100
253 22.9 23.1 34.7#
125 13.2 17.1 25.7#



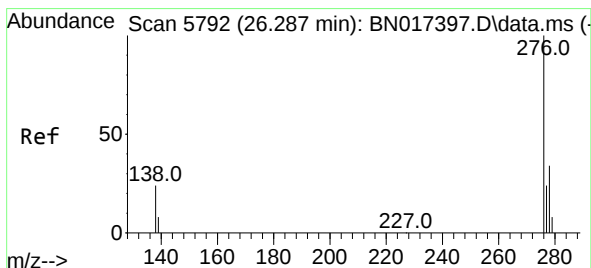
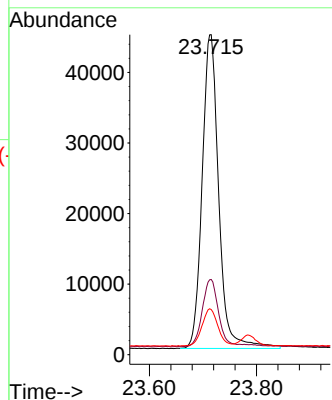
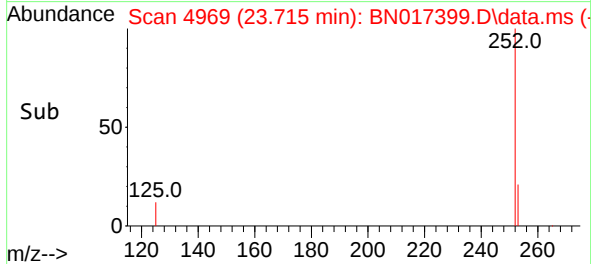


#26
Benzo(a)pyrene
Concen: 1.544 ng/ul
RT: 23.715 min Scan# 4968
Delta R.T. 0.002 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
ClientSampleId :

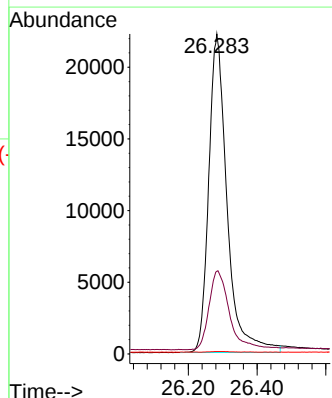
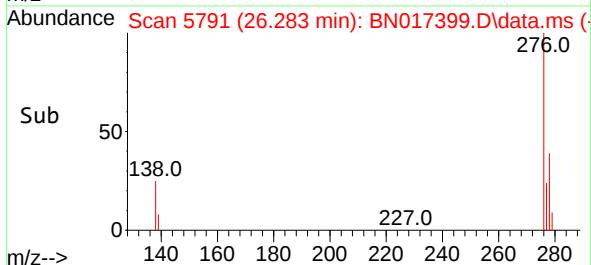
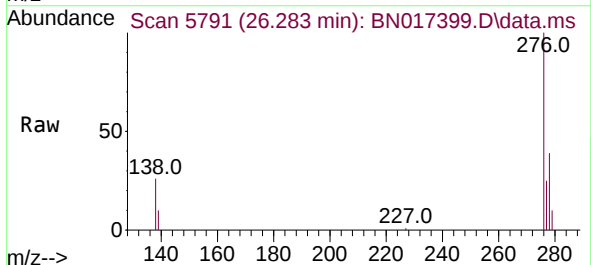


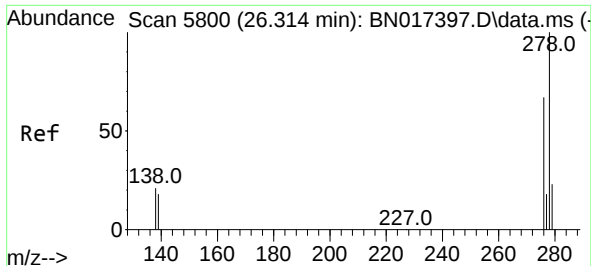
Tgt Ion:252 Resp: 95583
Ion Ratio Lower Upper
252 100
253 23.5 25.0 37.4#
125 14.1 19.3 28.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.939 ng/ul
RT: 26.283 min Scan# 5791
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

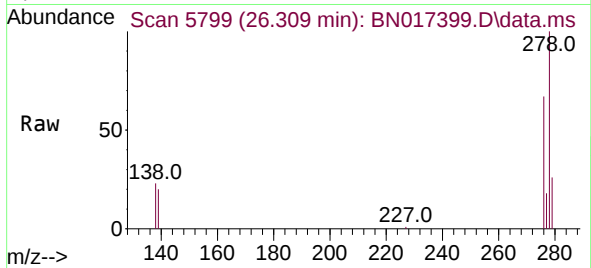
Tgt Ion:276 Resp: 82441
Ion Ratio Lower Upper
276 100
138 27.7 0.1 0.1#
227 0.3 0.0 0.0#



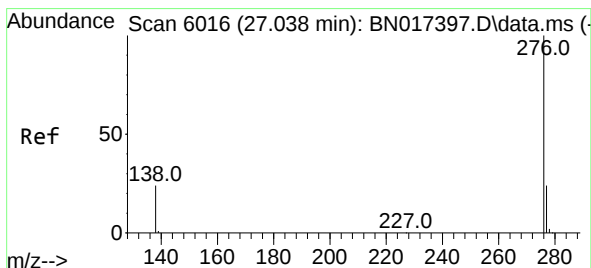
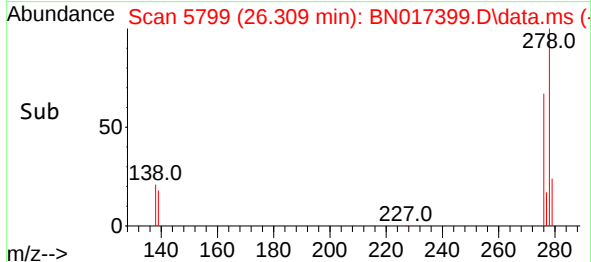
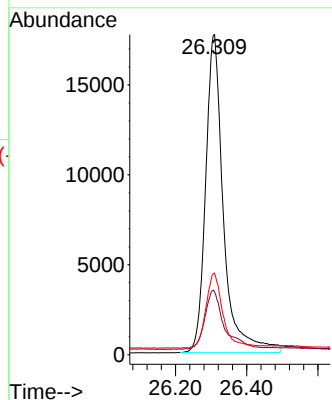


#28
Dibenzo(a,h)anthracene
Concen: 0.888 ng/ul
RT: 26.309 min Scan# 51
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 61692
Ion Ratio Lower Upper
278 100
139 19.6 21.8 32.8#
279 25.5 26.3 39.5#



#29
Benzo(g,h,i)perylene
Concen: 0.999 ng/ul
RT: 27.034 min Scan# 6015
Delta R.T. -0.004 min
Lab File: BN017399.D
Acq: 13 Nov 2021 19:35

Tgt Ion:276 Resp: 74222
Ion Ratio Lower Upper
276 100
138 24.9 24.5 36.7
277 24.1 21.2 31.8

