

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110321\
 Data File : BN017297.D
 Acq On : 04 Nov 2021 04:34
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4286

Quant Time: Nov 08 01:07:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 10:42:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

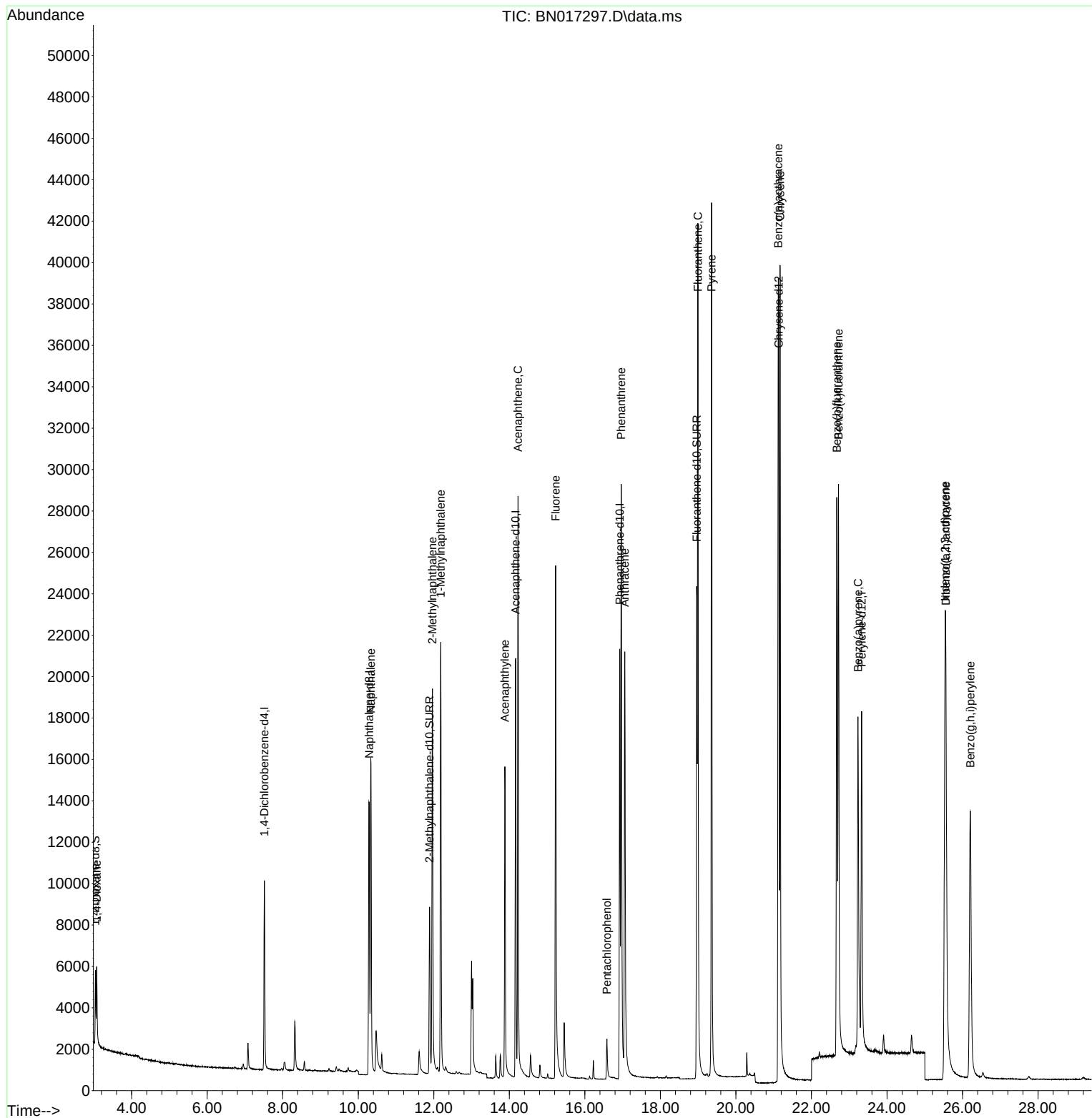
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.514	152	4859	0.400	ng/ul	0.00
4) Naphthalene-d8	10.288	136	19249	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.169	164	11885	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.922	188	26364	0.400	ng/ul	0.00
17) Chrysene-d12	21.134	240	24245	0.400	ng/ul	0.00
23) Perylene-d12	23.329	264	21584	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.042	96	2235	0.414	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.888	152	11441	0.407	ng/ul	0.00
18) Fluoranthene-d10	18.960	212	27893	0.439	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.075	88	2420	0.417	ng/ul#	93
5) Naphthalene	10.332	128	21772	0.408	ng/ul	99
7) 2-Methylnaphthalene	11.965	142	14850	0.403	ng/ul	99
8) 1-Methylnaphthalene	12.185	142	15324	0.406	ng/ul	100
10) Acenaphthylene	13.882	152	19128	0.407	ng/ul	100
11) Acenaphthene	14.229	153	17141	0.416	ng/ul	99
12) Fluorene	15.229	166	19474	0.404	ng/ul	100
14) Pentachlorophenol	16.584	266	1673	0.281	ng/ul	100
15) Phenanthrene	16.964	178	33561	0.401	ng/ul	99
16) Anthracene	17.057	178	27688	0.399	ng/ul	99
19) Fluoranthene	18.993	202	37902	0.437	ng/ul	99
20) Pyrene	19.356	202	38566	0.433	ng/ul	97
21) Benzo(a)anthracene	21.120	228	30224	0.381	ng/ul	99
22) Chrysene	21.169	228	36628	0.407	ng/ul	99
24) Benzo(b)fluoranthene	22.671	252	34684	0.431	ng/ul	99
25) Benzo(k)fluoranthene	22.715	252	38561	0.423	ng/ul	99
26) Benzo(a)pyrene	23.233	252	28840	0.400	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.538	276	35687	0.349	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.558	278	27714	0.342	ng/ul	99
29) Benzo(g,h,i)perylene	26.208	276	29704	0.343	ng/ul	99

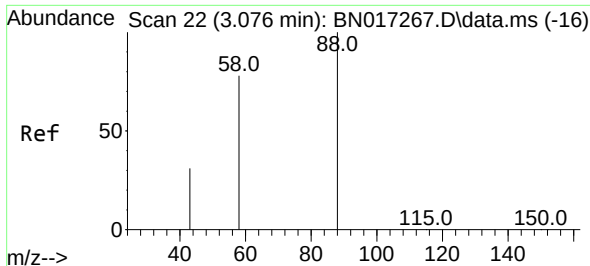
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 08 01:07:50 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 10:42:03 2021
Response via : Initial Calibration

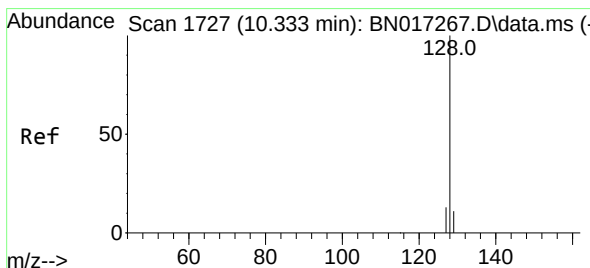
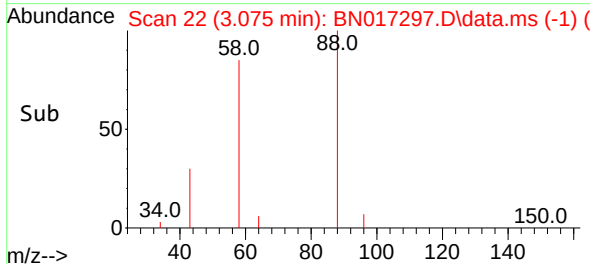
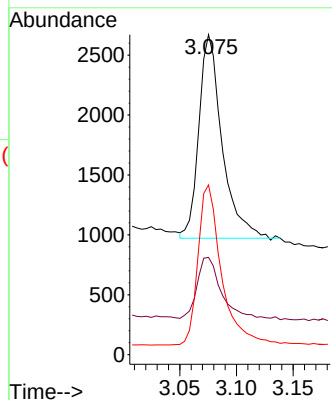
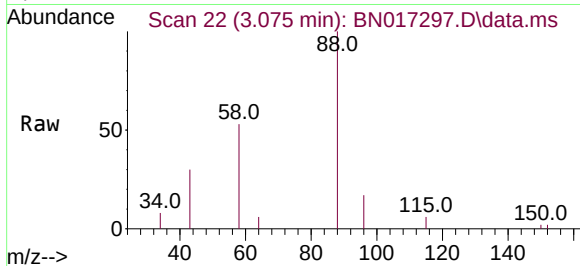




#2
1,4-Dioxane
Concen: 0.417 ng/ul
RT: 3.075 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

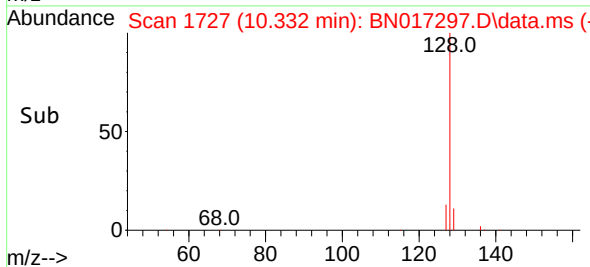
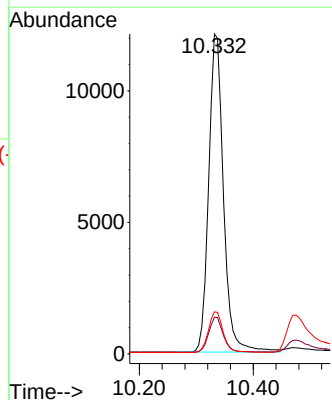
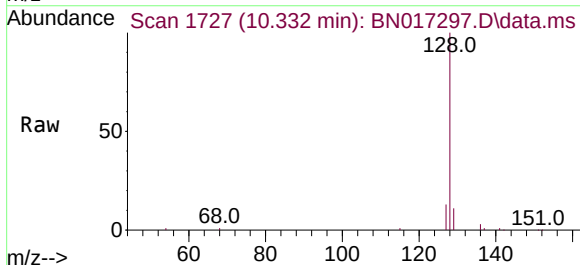
Instrument :
BNA_N
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SSTD0.4286

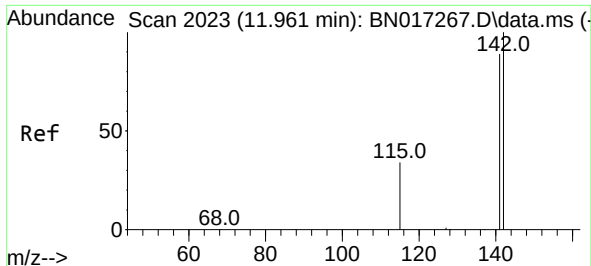
Tgt Ion: 88 Resp: 2420
Ion Ratio Lower Upper
88 100
43 30.4 31.8 47.6#
58 53.1 41.9 62.9



#5
Naphthalene
Concen: 0.408 ng/ul
RT: 10.332 min Scan# 1727
Delta R.T. -0.002 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion: 128 Resp: 21772
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.8 16.2

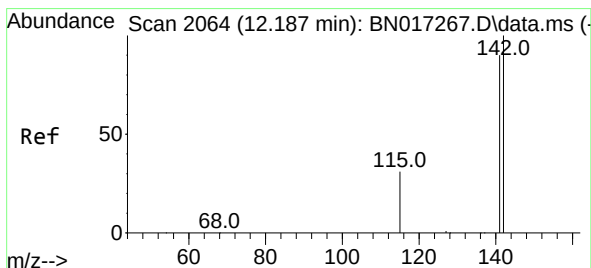
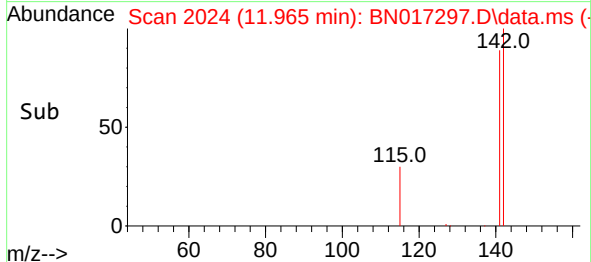
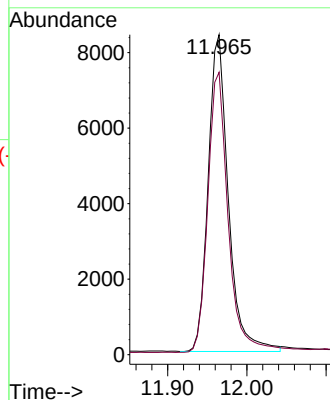
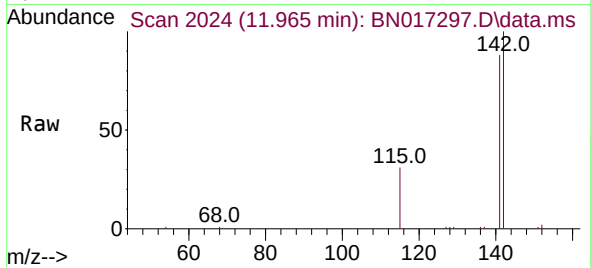




#7
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 11.965 min Scan# 2023
Delta R.T. 0.004 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

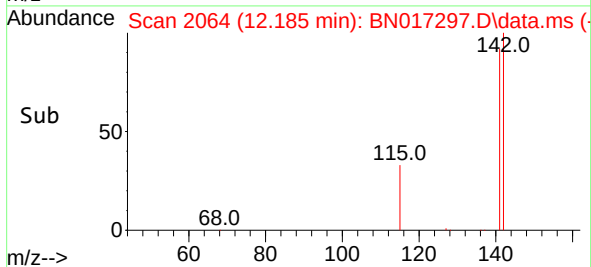
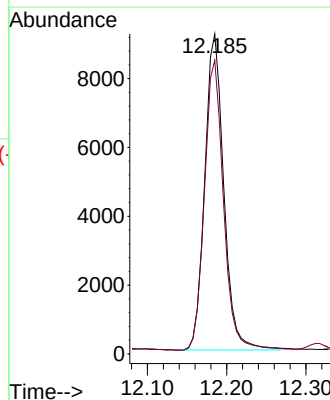
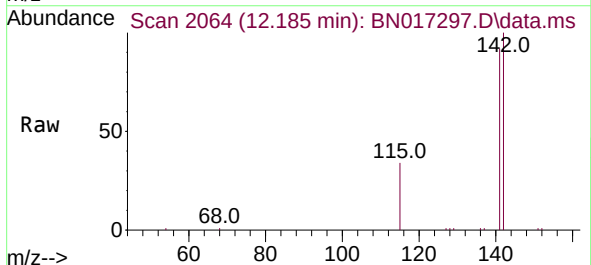
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

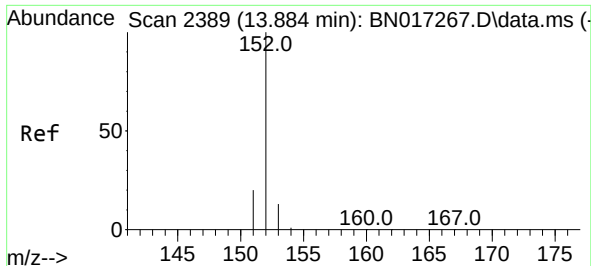
Tgt Ion:142 Resp: 14850
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.185 min Scan# 2064
Delta R.T. -0.002 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:142 Resp: 15324
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8

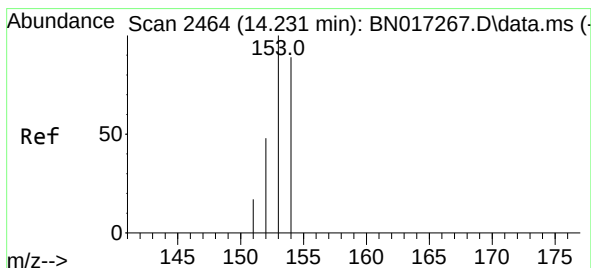
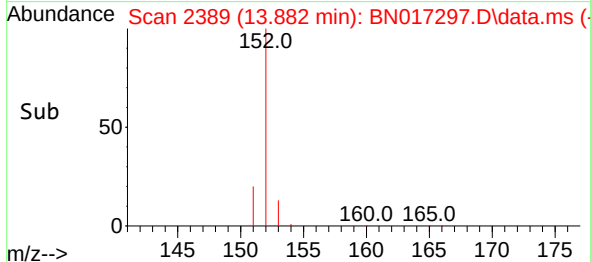
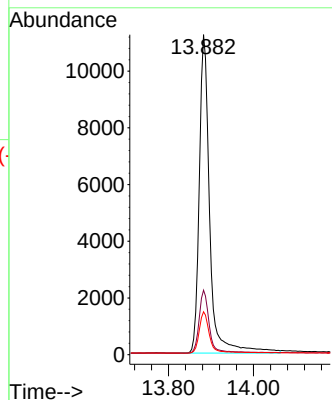
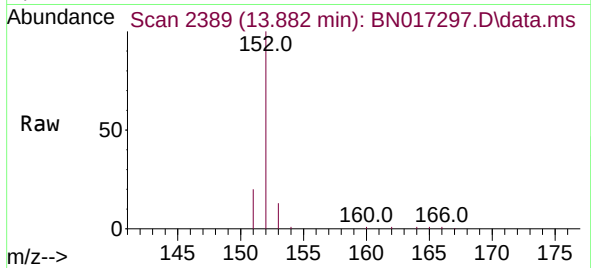




#10
Acenaphthylene
Concen: 0.407 ng/ul
RT: 13.882 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

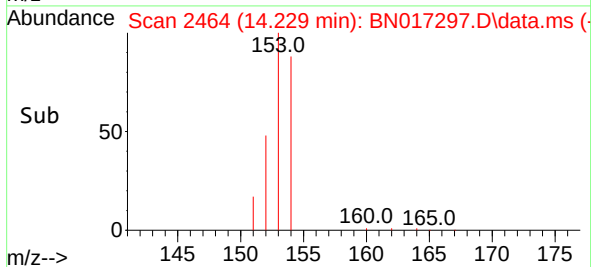
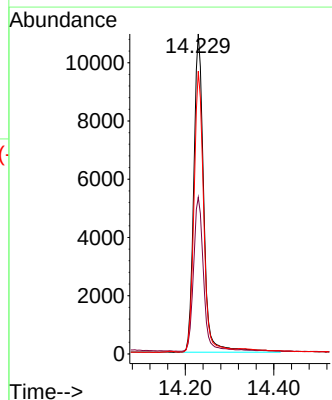
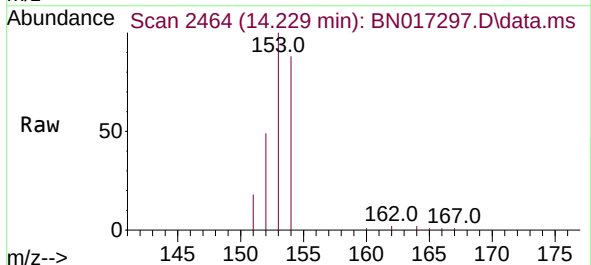
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

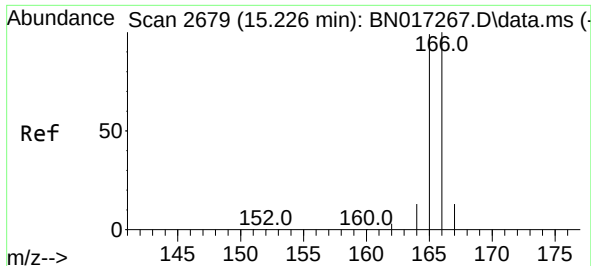
Tgt Ion:152 Resp: 19128
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.229 min Scan# 2464
Delta R.T. -0.002 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:153 Resp: 17141
Ion Ratio Lower Upper
153 100
152 48.9 39.5 59.3
154 88.3 70.0 105.0

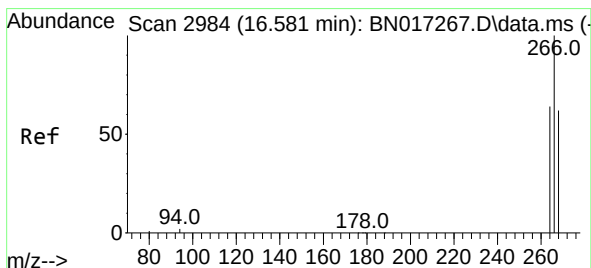
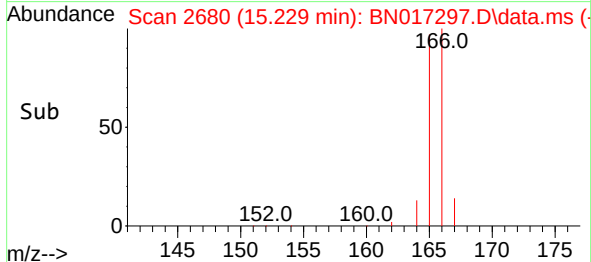
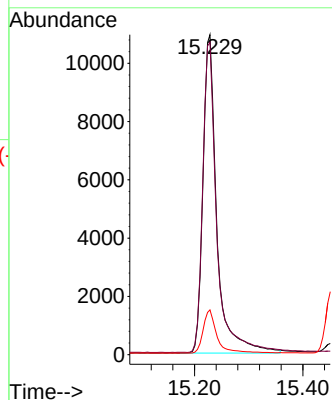
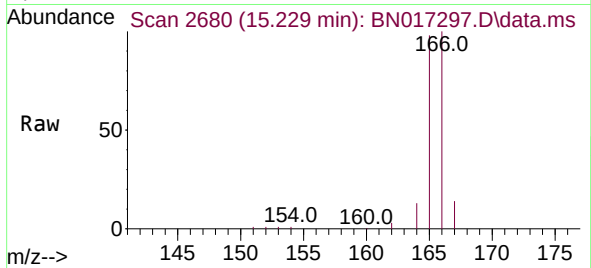




#12
 Fluorene
 Concen: 0.404 ng/ul
 RT: 15.229 min Scan# 2680
 Delta R.T. 0.003 min
 Lab File: BN017297.D
 Acq: 04 Nov 2021 04:34

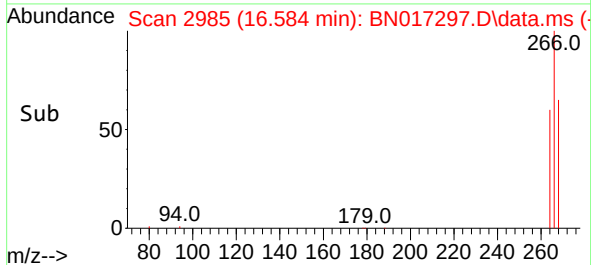
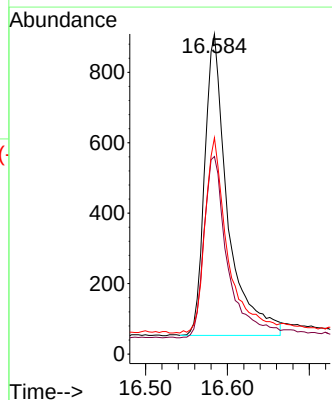
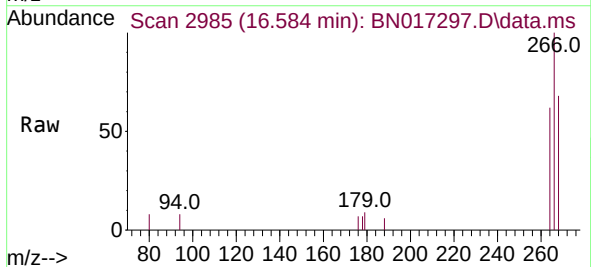
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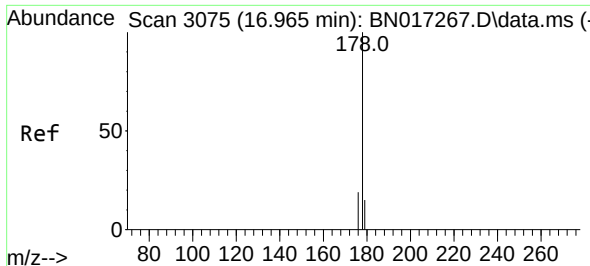
Tgt Ion:166 Resp: 19474
 Ion Ratio Lower Upper
 166 100
 165 97.6 77.7 116.5
 167 14.0 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.281 ng/ul
 RT: 16.584 min Scan# 2985
 Delta R.T. 0.003 min
 Lab File: BN017297.D
 Acq: 04 Nov 2021 04:34

Tgt Ion:266 Resp: 1673
 Ion Ratio Lower Upper
 266 100
 264 62.8 49.9 74.9
 268 64.0 51.2 76.8

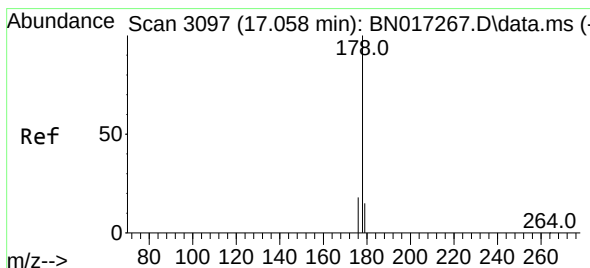
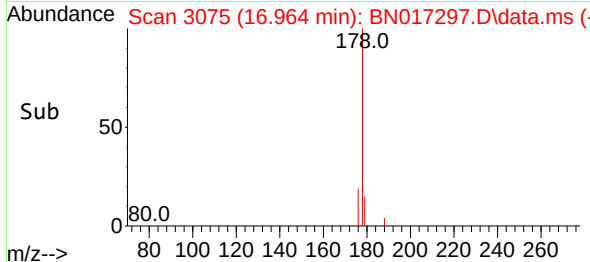
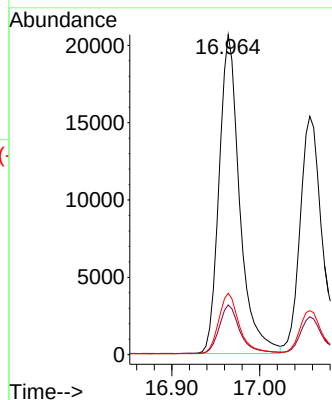
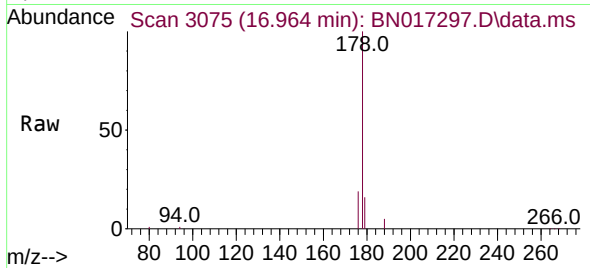




#15
Phenanthrene
Concen: 0.401 ng/u1
RT: 16.964 min Scan# 3075
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

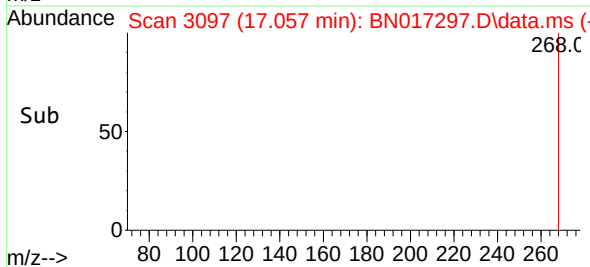
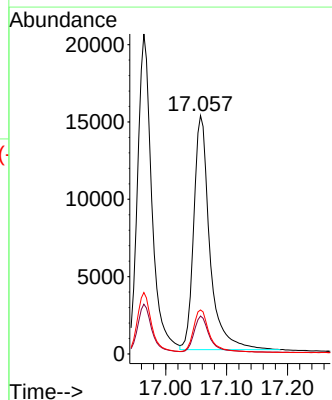
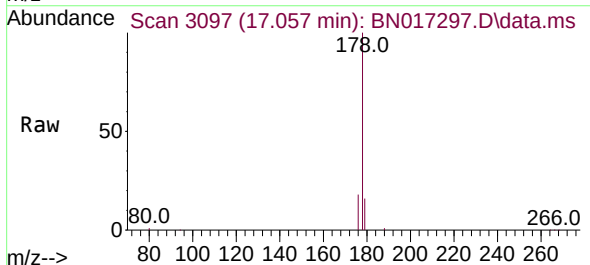
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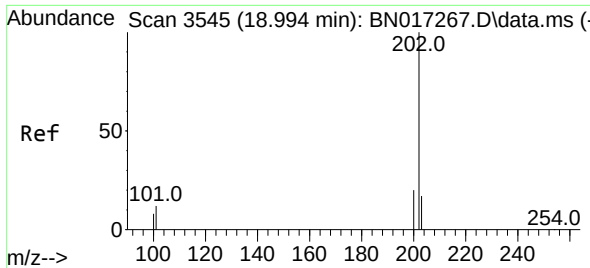
Tgt Ion:178 Resp: 33561
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.399 ng/u1
RT: 17.057 min Scan# 3097
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:178 Resp: 27688
Ion Ratio Lower Upper
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179 15.9 12.6 19.0
176 18.5 15.2 22.8

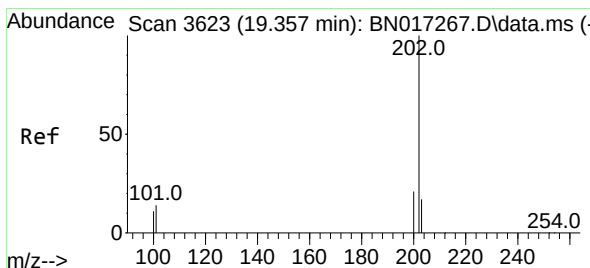
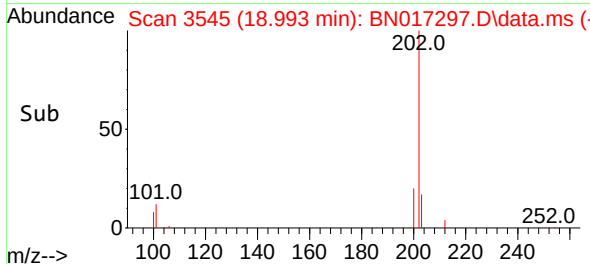
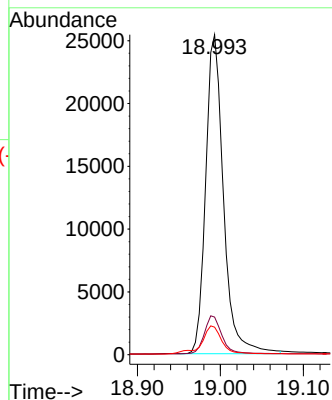
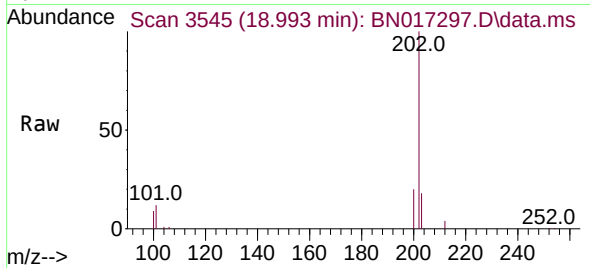




#19
Fluoranthene
Concen: 0.437 ng/ul
RT: 18.993 min Scan# 3545
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

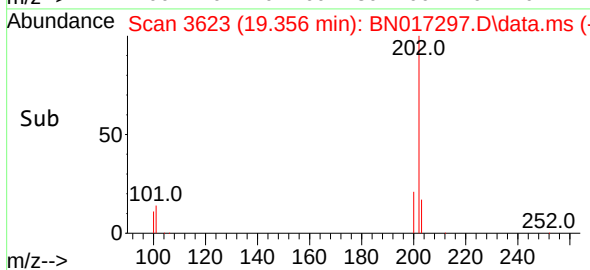
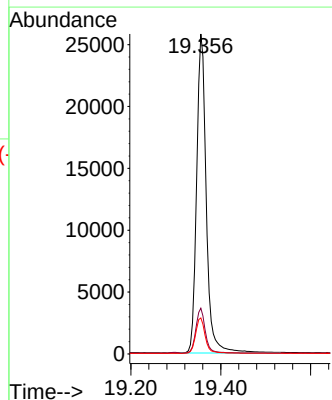
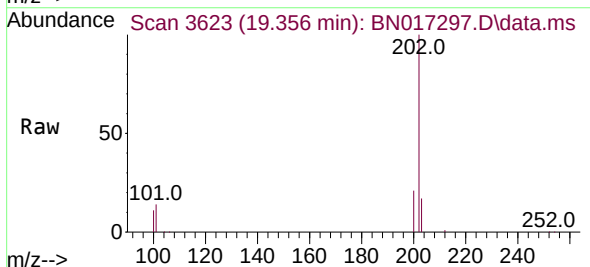
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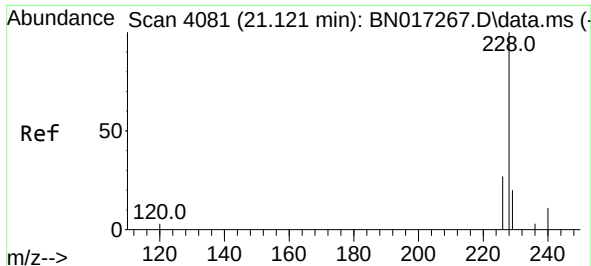
Tgt Ion:202 Resp: 37902
Ion Ratio Lower Upper
202 100
101 11.7 9.7 14.5
100 8.6 7.2 10.8



#20
Pyrene
Concen: 0.433 ng/ul
RT: 19.356 min Scan# 3623
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:202 Resp: 38566
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.3 8.2 12.2

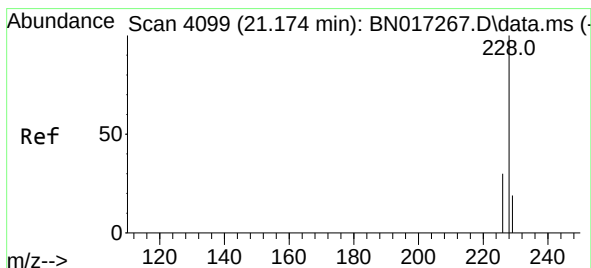
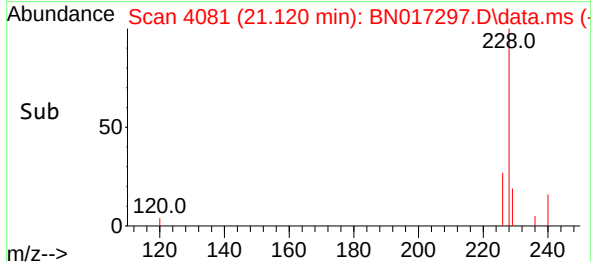
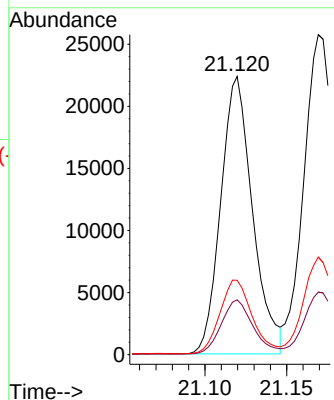
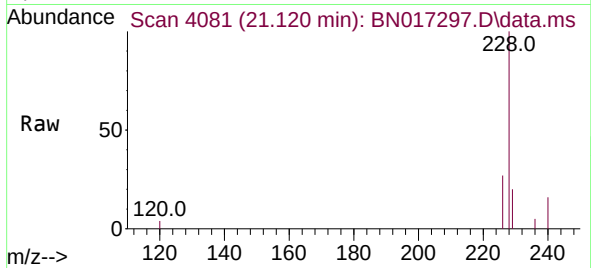




#21
Benzo(a)anthracene
Concen: 0.381 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

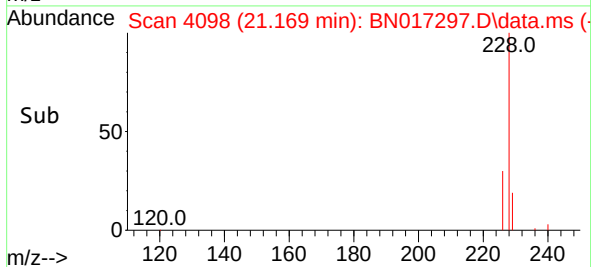
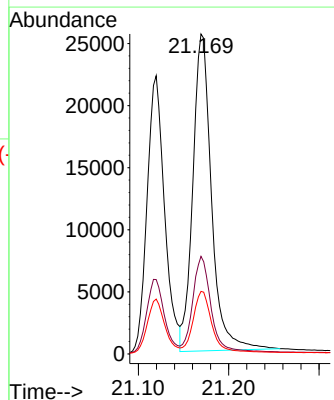
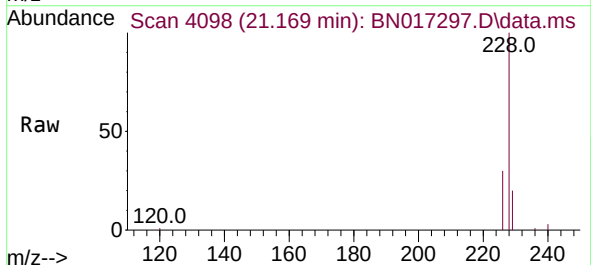
Instrument :
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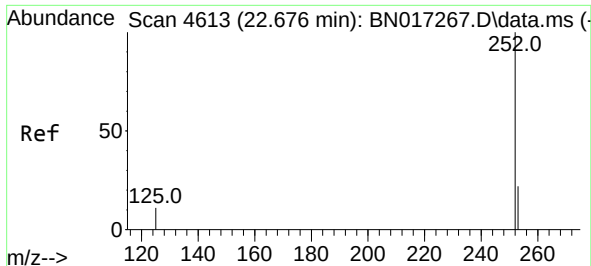
Tgt Ion:228 Resp: 30224
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 26.7 21.7 32.5



#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.169 min Scan# 4098
Delta R.T. -0.004 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:228 Resp: 36628
Ion Ratio Lower Upper
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226 30.5 24.1 36.1
229 19.6 15.4 23.2

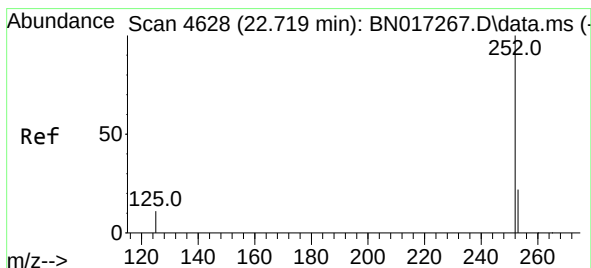
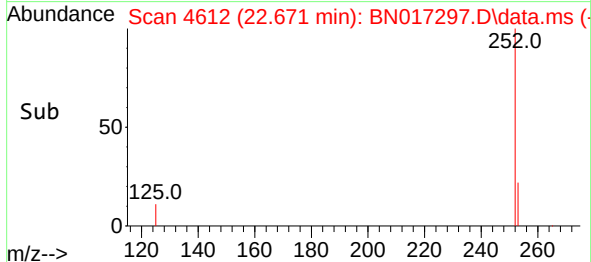
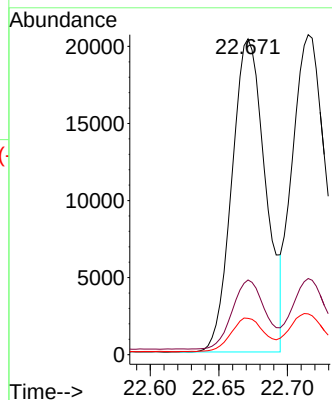
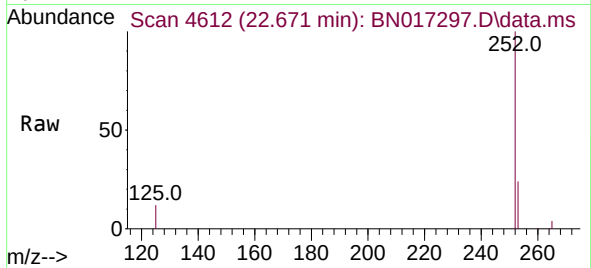




#24
Benzo(b)fluoranthene
Concen: 0.431 ng/ul
RT: 22.671 min Scan# 4612
Delta R.T. -0.004 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

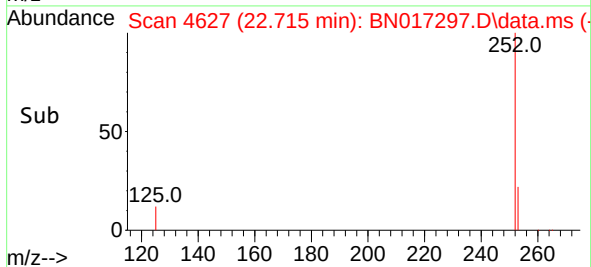
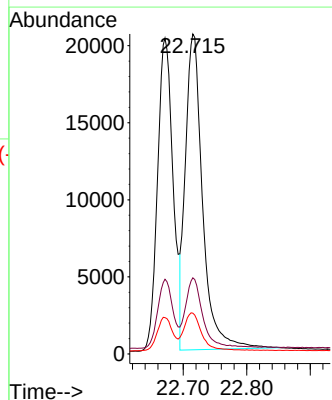
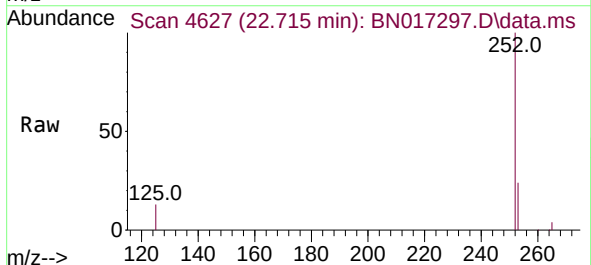
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

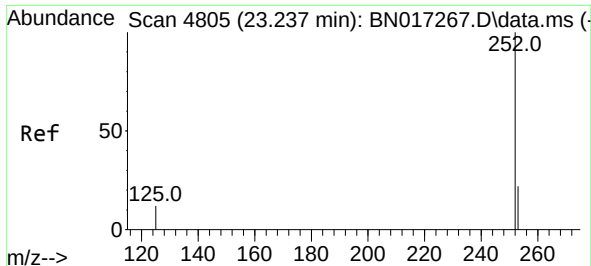
Tgt Ion:252 Resp: 34684
Ion Ratio Lower Upper
252 100
253 23.7 0.0 46.8
125 11.5 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.715 min Scan# 4627
Delta R.T. -0.004 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:252 Resp: 38561
Ion Ratio Lower Upper
252 100
253 23.8 18.3 27.5
125 12.7 10.0 15.0

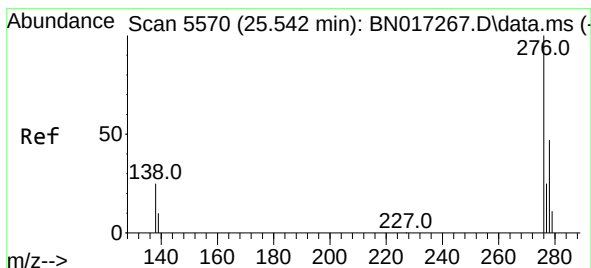
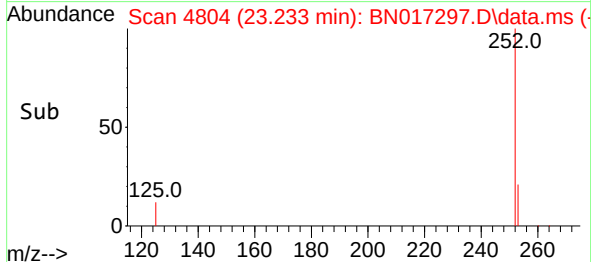
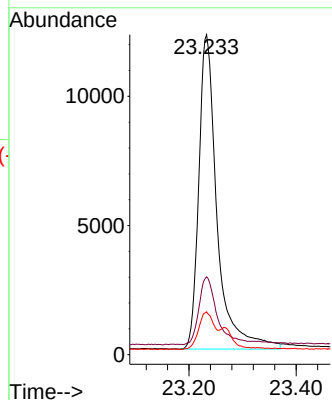
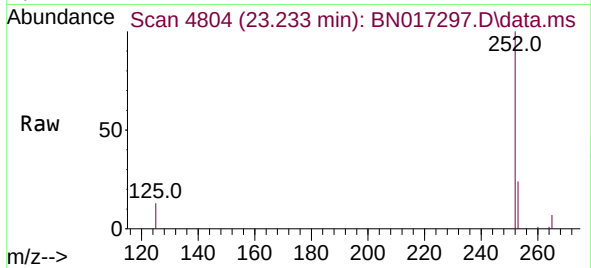




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.233 min Scan# 4804
Delta R.T. -0.004 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

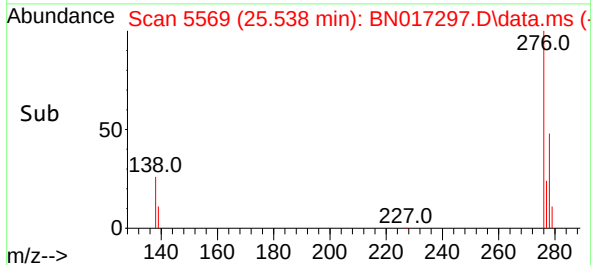
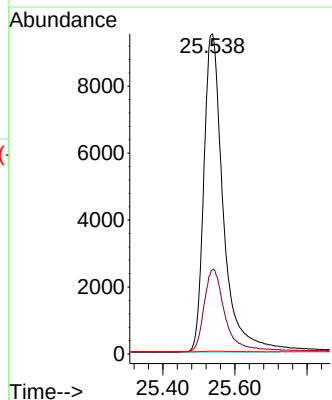
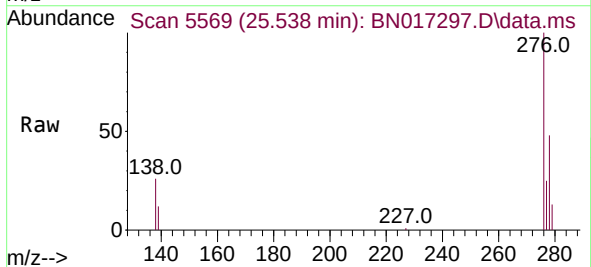
Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

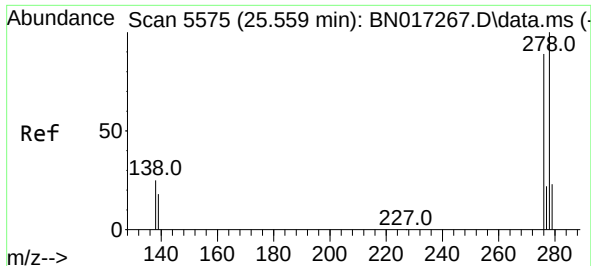
Tgt Ion:252 Resp: 28840
Ion Ratio Lower Upper
252 100
253 24.3 19.3 28.9
125 13.4 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 25.538 min Scan# 5569
Delta R.T. -0.005 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:276 Resp: 35687
Ion Ratio Lower Upper
276 100
138 27.6 22.2 33.4
227 0.2 0.0 0.0#

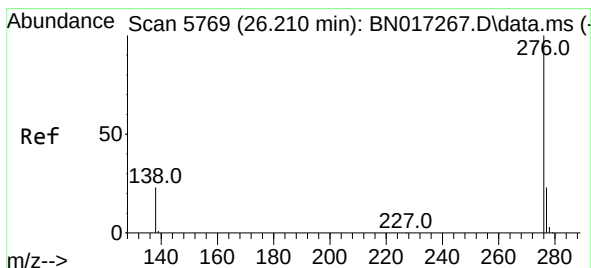
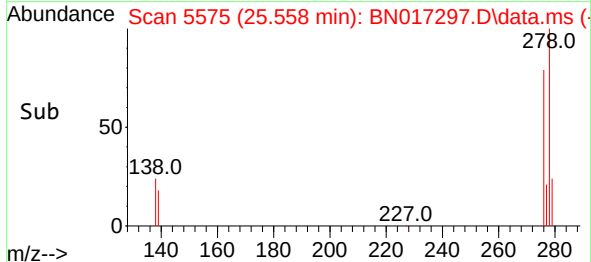
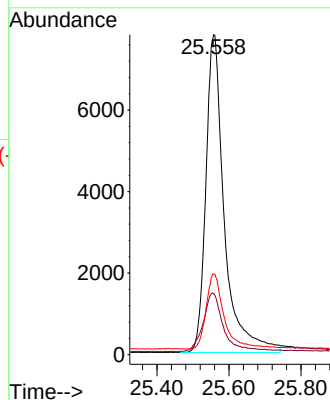
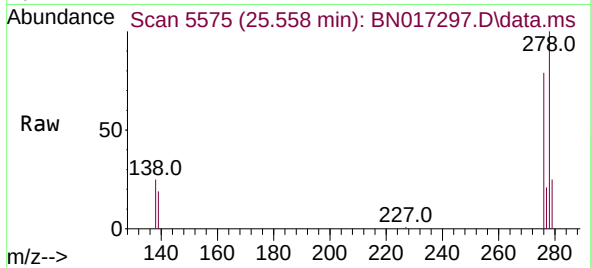




#28
Dibenzo(a,h)anthracene
Concen: 0.342 ng/ul
RT: 25.558 min Scan# 51
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Instrument :
BNA_N
ClientSampleId :
SSTD0.4286

Tgt Ion:278 Resp: 27714
Ion Ratio Lower Upper
278 100
139 19.1 15.4 23.0
279 25.2 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.343 ng/ul
RT: 26.208 min Scan# 5769
Delta R.T. -0.001 min
Lab File: BN017297.D
Acq: 04 Nov 2021 04:34

Tgt Ion:276 Resp: 29704
Ion Ratio Lower Upper
276 100
138 23.6 19.2 28.8
277 24.2 19.0 28.6

