

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017134.D
 Acq On : 27 Oct 2021 19:32
 Operator : CG/JU
 Sample : SST0.832
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.832

Quant Time: Oct 28 01:06:42 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 : Thu Oct 28 01:03:15 2021
 Response via : Initial Calibration

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

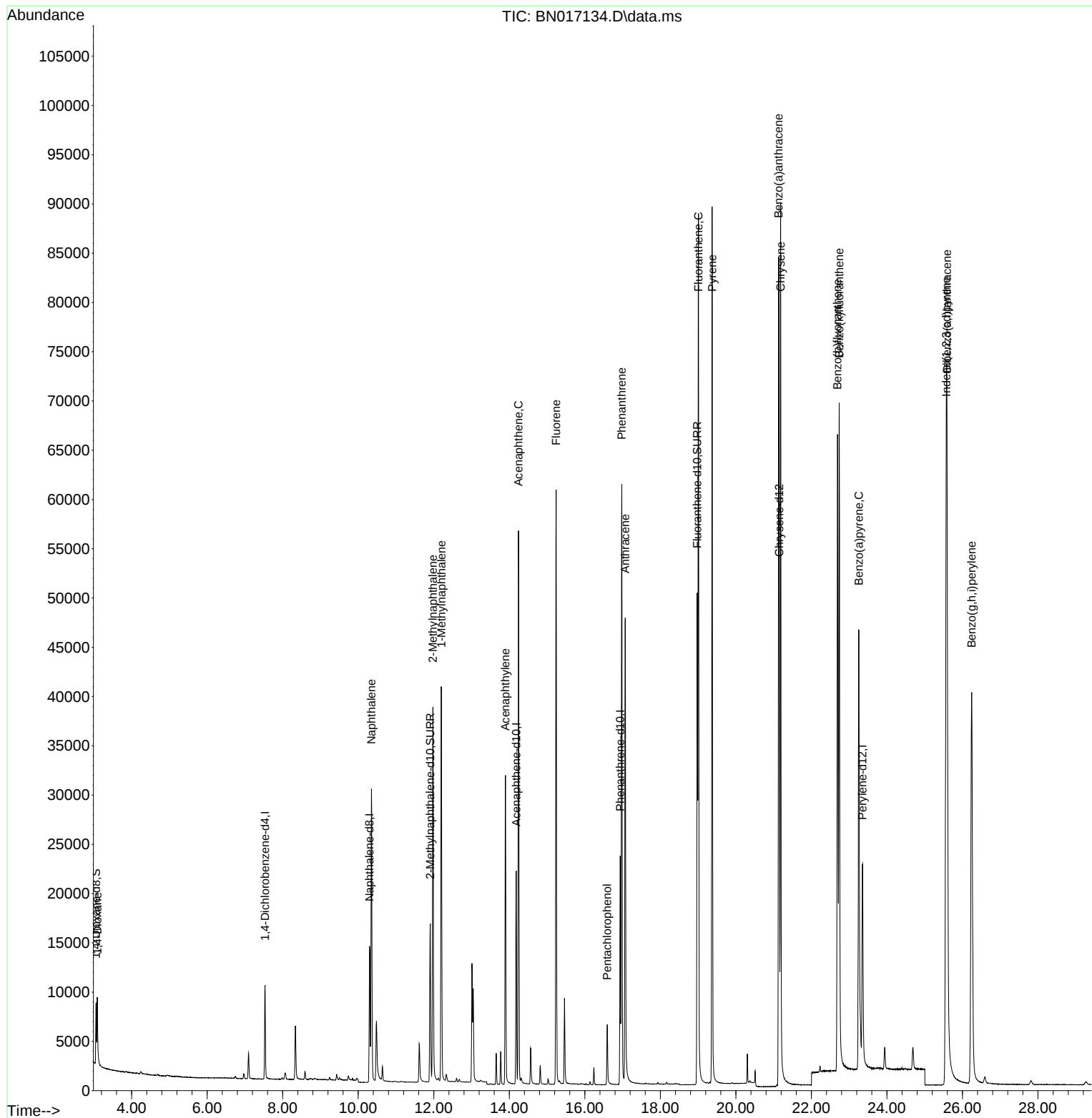
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4894	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	18859	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	11733	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	26054	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	27116	0.400	ng/ul	0.00
23) Perylene-d12	23.354	264	26713	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	4183	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	21400	0.796	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	54516	0.814	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.093	88	4509	0.704	ng/ul#	91
5) Naphthalene	10.350	128	40320	0.706	ng/ul	99
7) 2-Methylnaphthalene	11.978	142	28056	0.789	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	28394	0.785	ng/ul	100
10) Acenaphthylene	13.898	152	36185	0.763	ng/ul	99
11) Acenaphthene	14.245	153	31597	0.776	ng/ul	100
12) Fluorene	15.240	166	37049	0.787	ng/ul	99
14) Pentachlorophenol	16.594	266	4308	0.686	ng/ul	100
15) Phenanthrene	16.978	178	63400	0.766	ng/ul	99
16) Anthracene	17.071	178	53701	0.769	ng/ul	99
19) Fluoranthene	19.009	202	75077	0.808	ng/ul	98
20) Pyrene	19.371	202	75473	0.790	ng/ul	97
21) Benzo(a)anthracene	21.133	228	68096	0.770	ng/ul	99
22) Chrysene	21.186	228	77007	0.766	ng/ul	100
24) Benzo(b)fluoranthene	22.691	252	77921	0.775	ng/ul	98
25) Benzo(k)fluoranthene	22.737	252	87518	0.790	ng/ul	99
26) Benzo(a)pyrene	23.255	252	68569	0.763	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.570	276	98837	0.774	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.590	278	78797	0.777	ng/ul	99
29) Benzo(g,h,i)perylene	26.244	276	82488	0.746	ng/ul	99

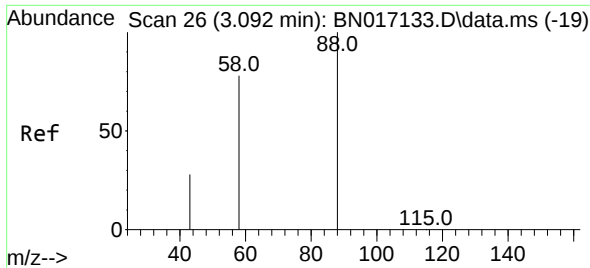
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
SSTD0.8232

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 01:03:15 2021
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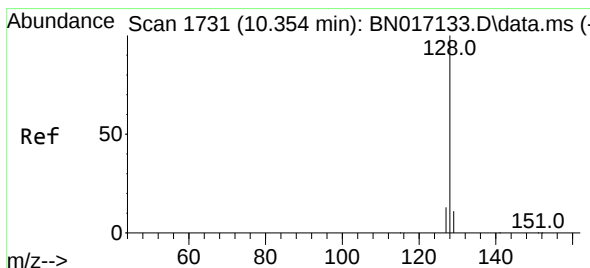
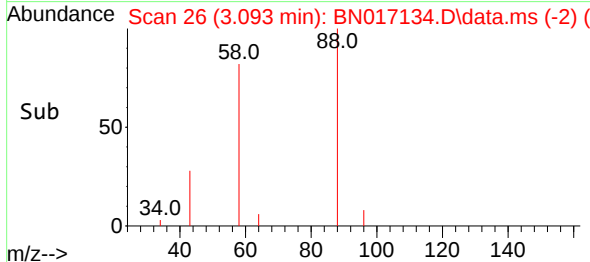
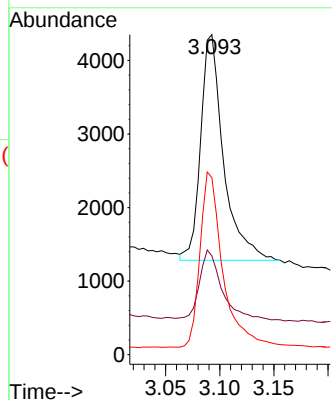
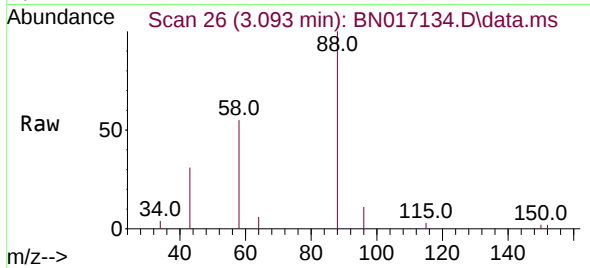




#2
1,4-Dioxane
Concen: 0.704 ng/ul
RT: 3.093 min Scan# 26
Delta R.T. 0.000 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

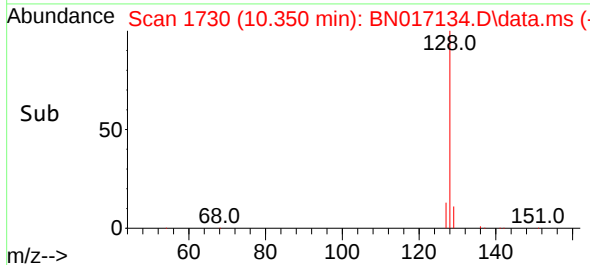
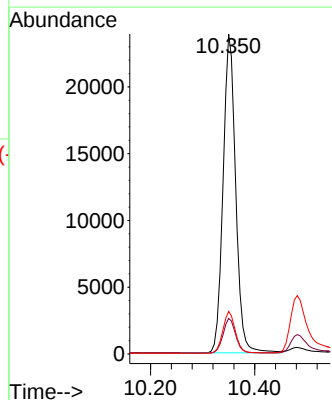
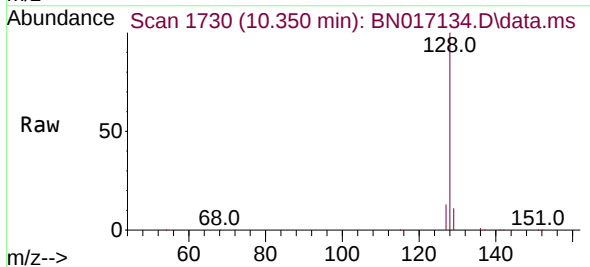
Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

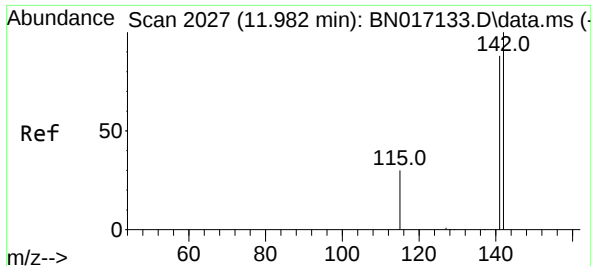
Tgt Ion: 88 Resp: 4509
Ion Ratio Lower Upper
88 100
43 30.9 31.8 47.6#
58 55.3 41.9 62.9



#5
Naphthalene
Concen: 0.706 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. -0.004 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion: 128 Resp: 40320
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.8 16.2

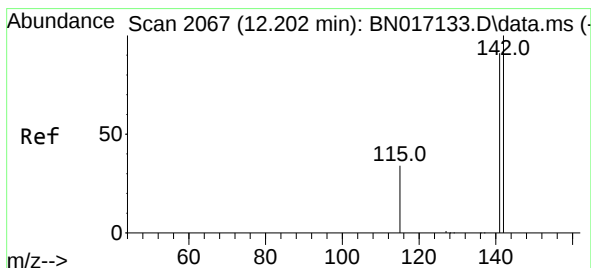
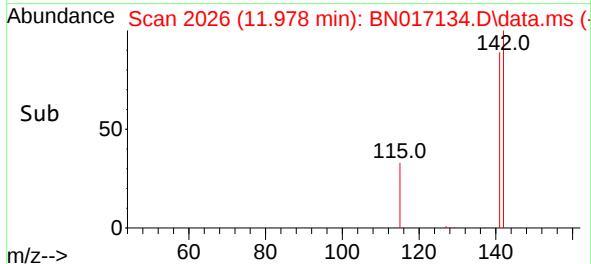
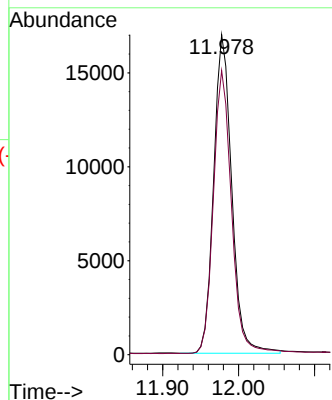
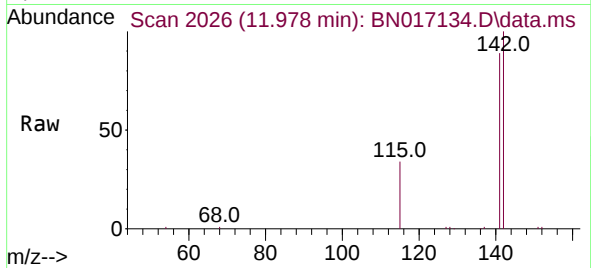




#7
2-Methylnaphthalene
Concen: 0.789 ng/ul
RT: 11.978 min Scan# 2026
Delta R.T. -0.004 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

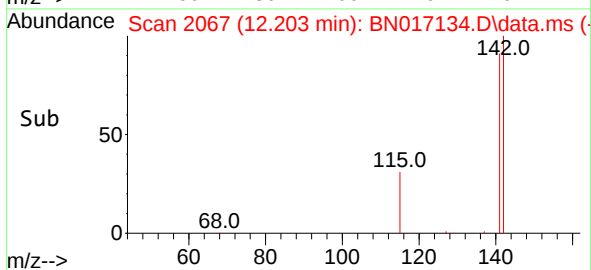
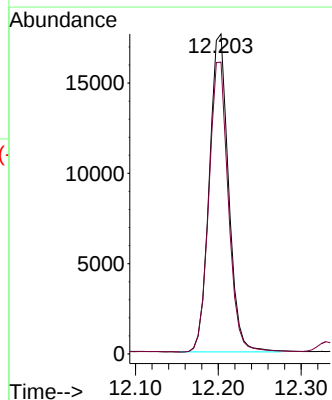
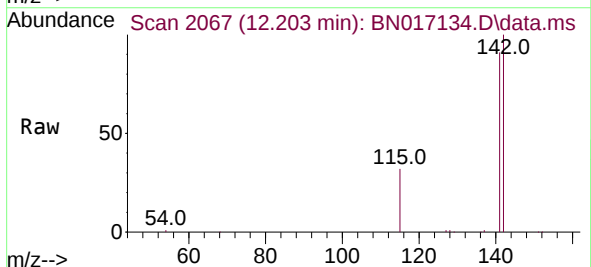
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BNA_N
ClientSampleId :
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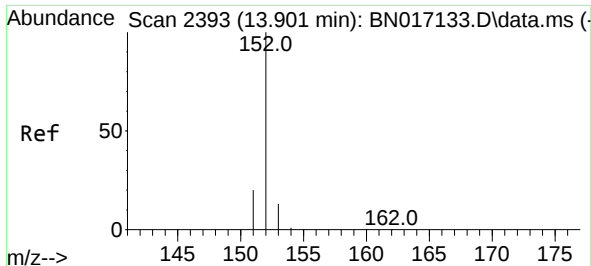
Tgt Ion:142 Resp: 28056
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.4



#8
1-Methylnaphthalene
Concen: 0.785 ng/ul
RT: 12.203 min Scan# 2067
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:142 Resp: 28394
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.8

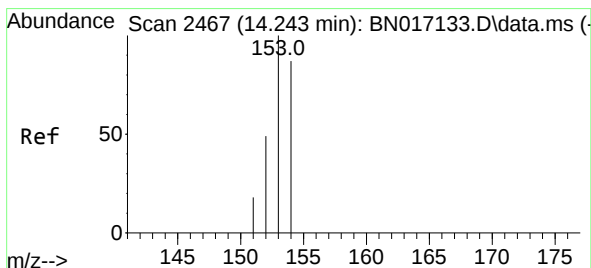
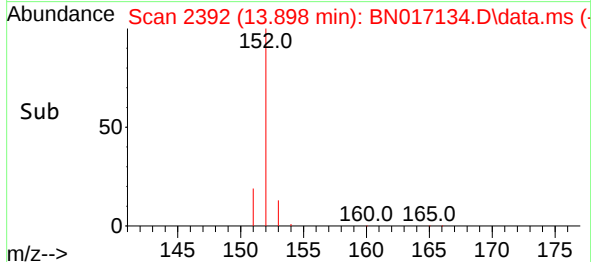
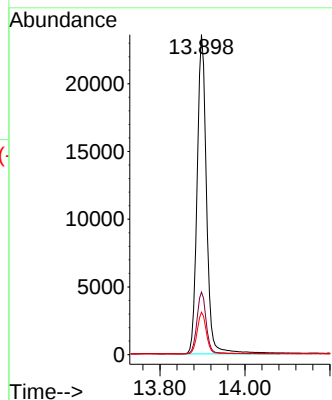
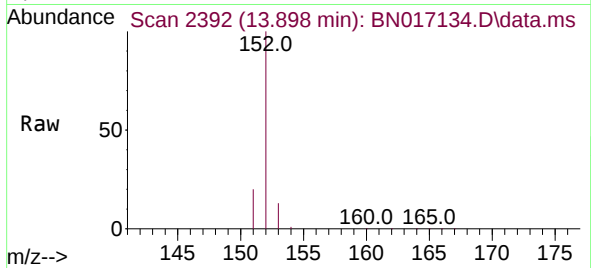




#10
Acenaphthylene
Concen: 0.763 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. -0.003 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

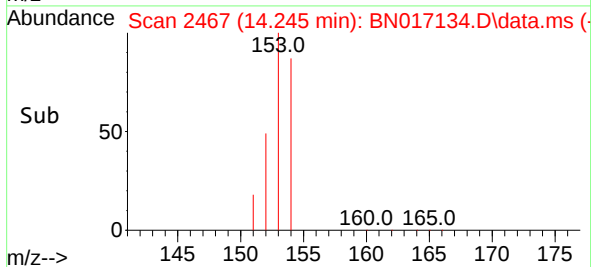
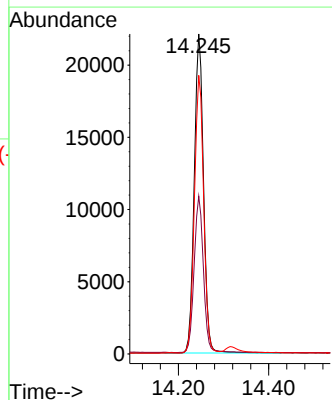
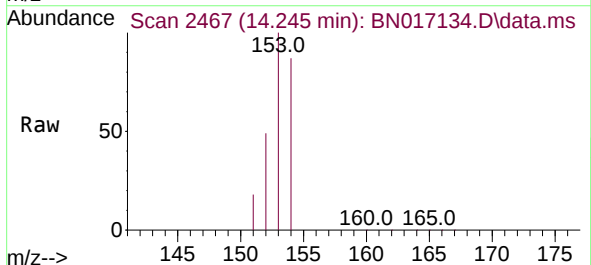
Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

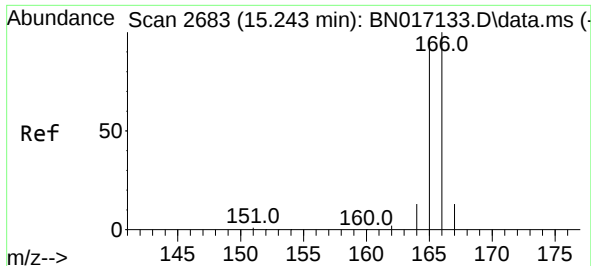
Tgt Ion:152 Resp: 36185
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.2 10.8 16.2



#11
Acenaphthene
Concen: 0.776 ng/ul
RT: 14.245 min Scan# 2467
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:153 Resp: 31597
Ion Ratio Lower Upper
153 100
152 49.3 39.5 59.3
154 87.1 70.0 105.0

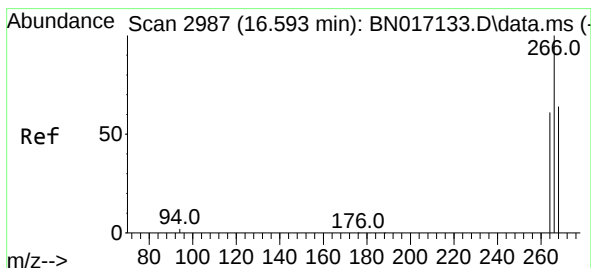
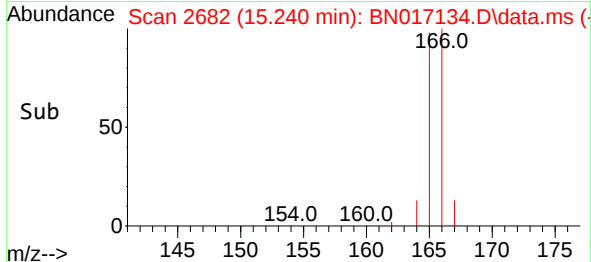
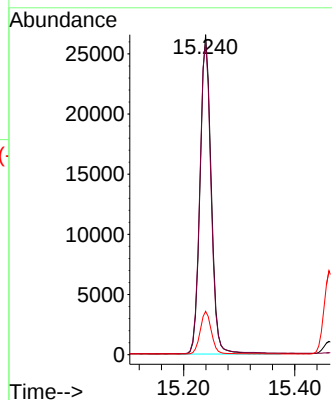
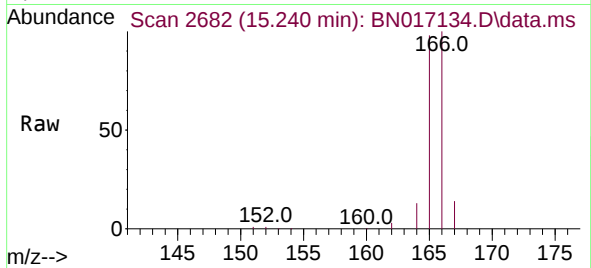




#12
Fluorene
Concen: 0.787 ng/ul
RT: 15.240 min Scan# 2682
Delta R.T. -0.003 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

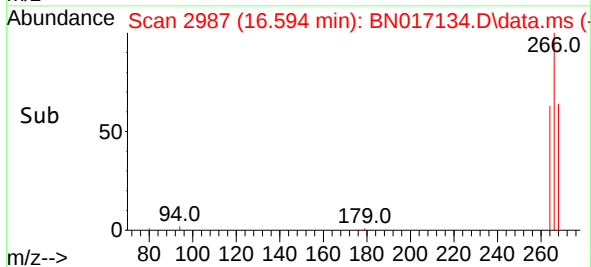
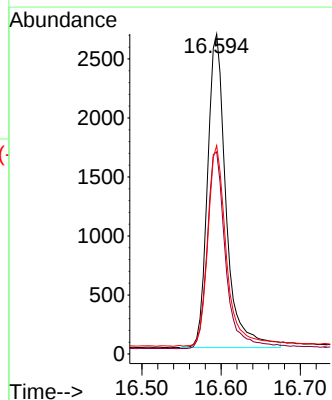
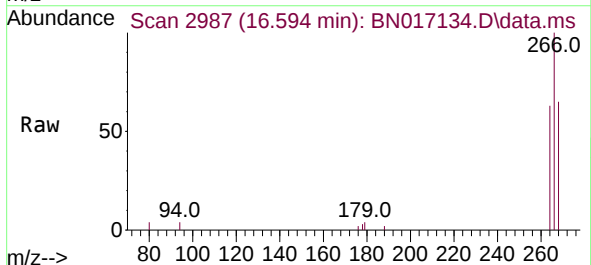
Instrument :
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ClientSampleId :
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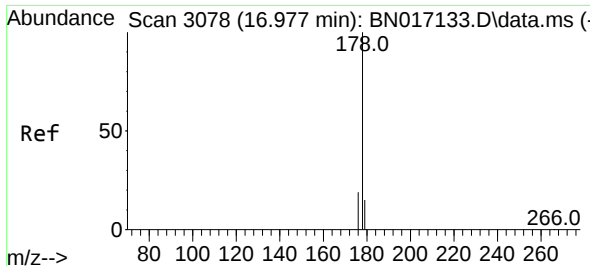
Tgt Ion:166 Resp: 37049
Ion Ratio Lower Upper
166 100
165 97.8 77.7 116.5
167 13.5 11.1 16.7



#14
Pentachlorophenol
Concen: 0.686 ng/ul
RT: 16.594 min Scan# 2987
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:266 Resp: 4308
Ion Ratio Lower Upper
266 100
264 62.8 49.9 74.9
268 64.2 51.2 76.8

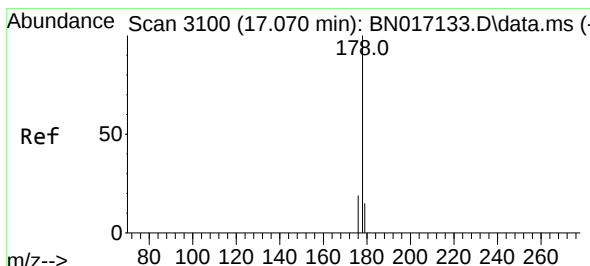
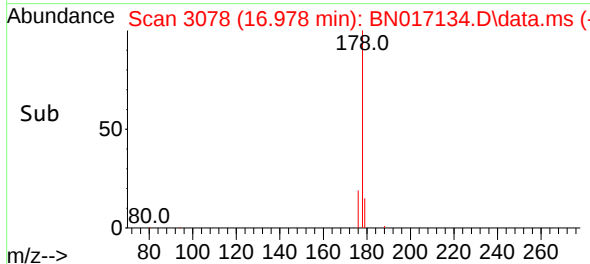
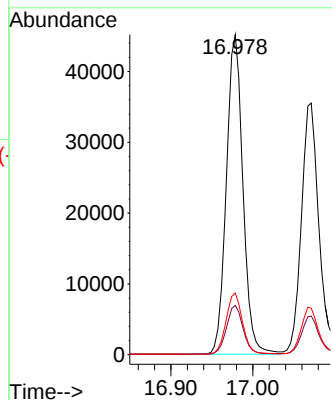
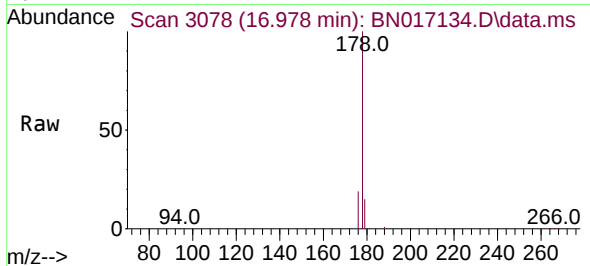




#15
Phenanthrene
Concen: 0.766 ng/ul
RT: 16.978 min Scan# 3078
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

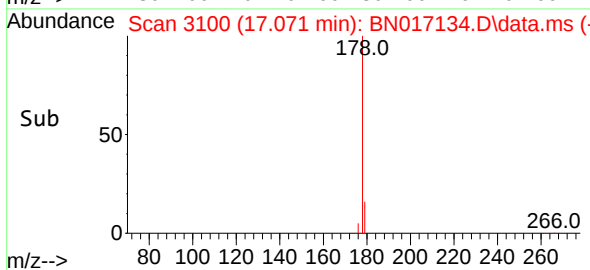
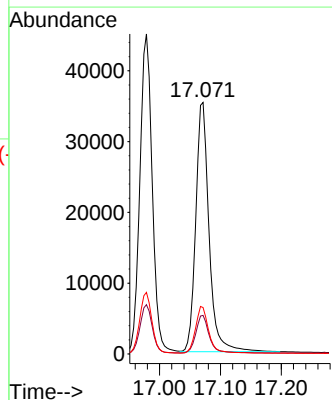
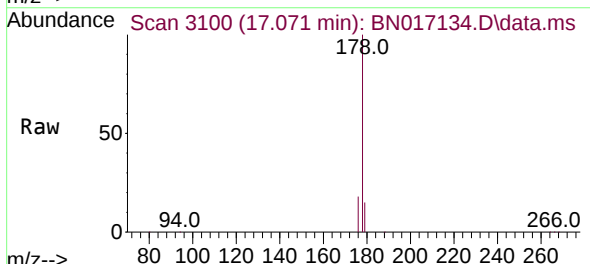
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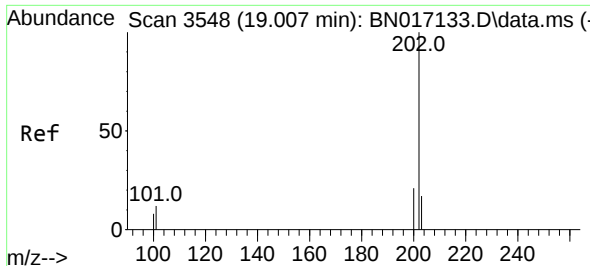
Tgt Ion:178 Resp: 63400
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.2 15.5 23.3



#16
Anthracene
Concen: 0.769 ng/ul
RT: 17.071 min Scan# 3100
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:178 Resp: 53701
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 18.5 15.2 22.8

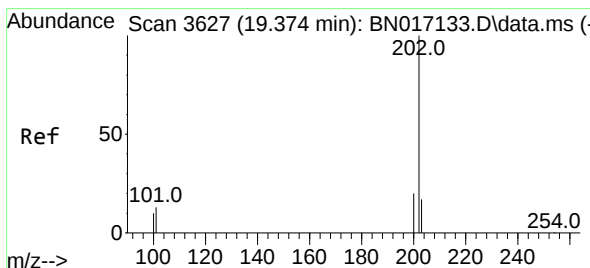
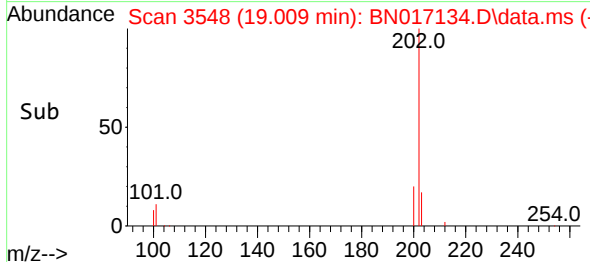
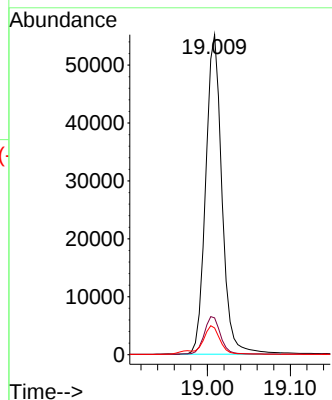
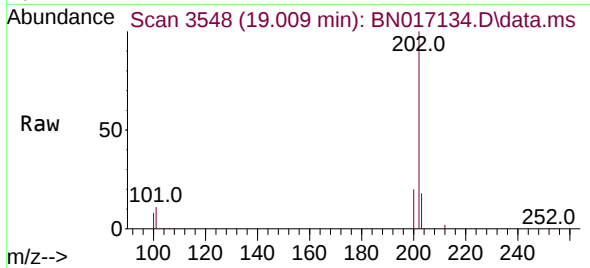




#19
Fluoranthene
Concen: 0.808 ng/ul
RT: 19.009 min Scan# 3548
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

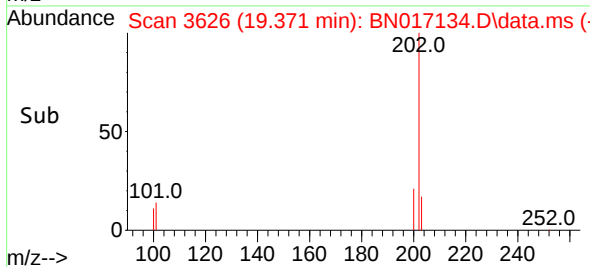
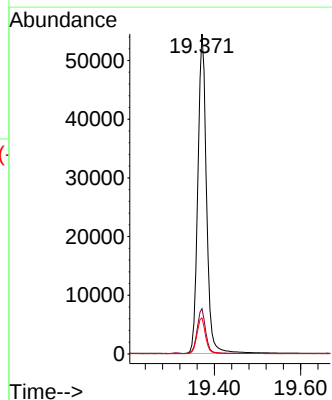
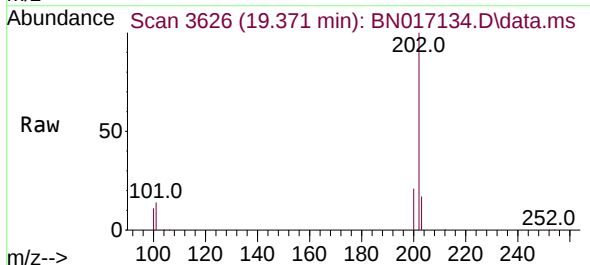
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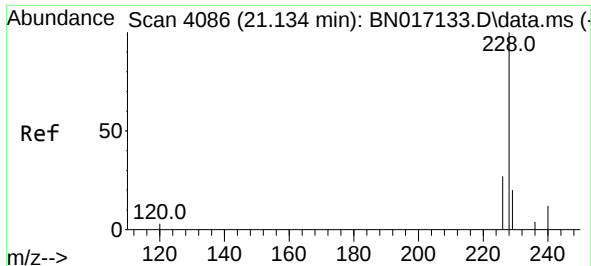
Tgt Ion:202 Resp: 75077
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.2 10.8



#20
Pyrene
Concen: 0.790 ng/ul
RT: 19.371 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:202 Resp: 75473
Ion Ratio Lower Upper
202 100
101 14.1 10.3 15.5
100 11.2 8.2 12.2

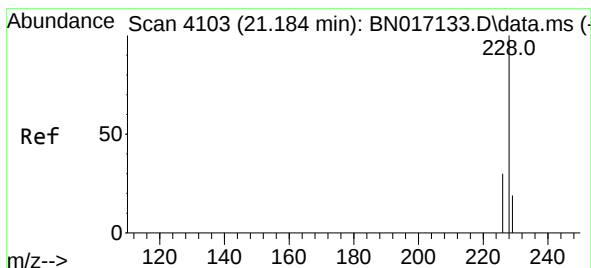
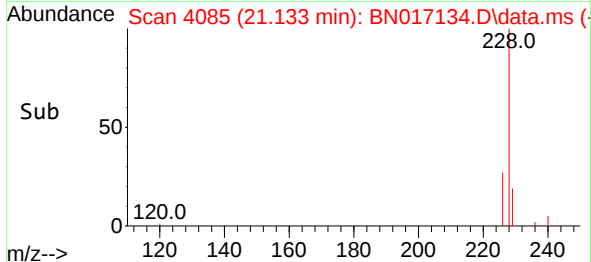
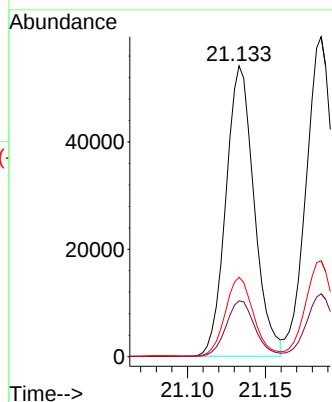
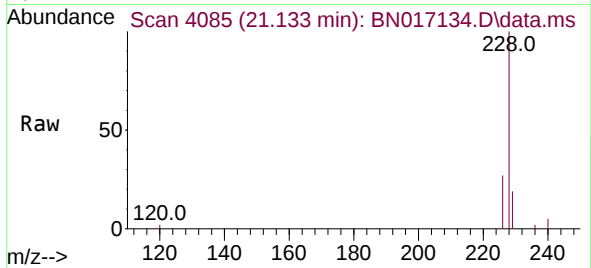




#21
Benzo(a)anthracene
Concen: 0.770 ng/ul
RT: 21.133 min Scan# 4085
Delta R.T. -0.001 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

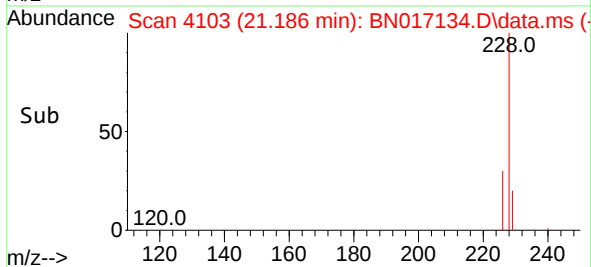
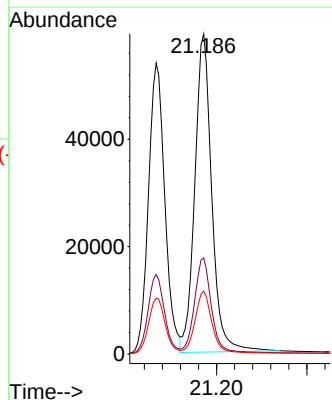
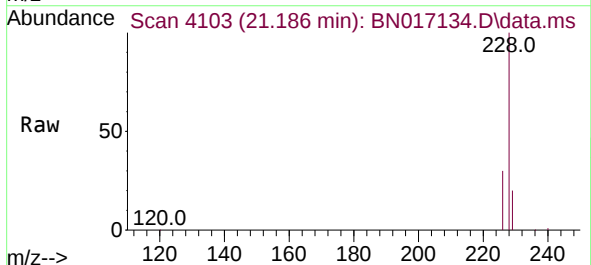
Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

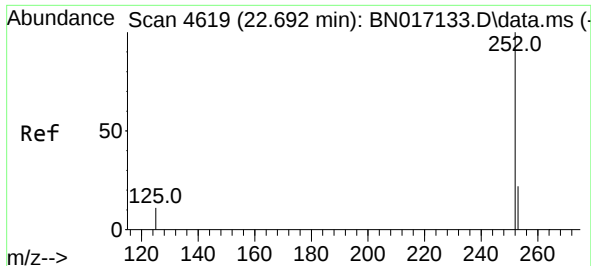
Tgt Ion:228 Resp: 68096
Ion Ratio Lower Upper
228 100
229 19.2 16.1 24.1
226 27.3 21.7 32.5



#22
Chrysene
Concen: 0.766 ng/ul
RT: 21.186 min Scan# 4103
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:228 Resp: 77007
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.7 15.4 23.2

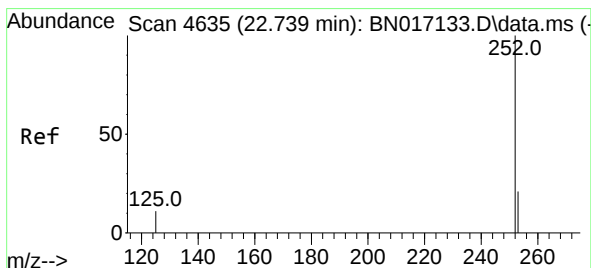
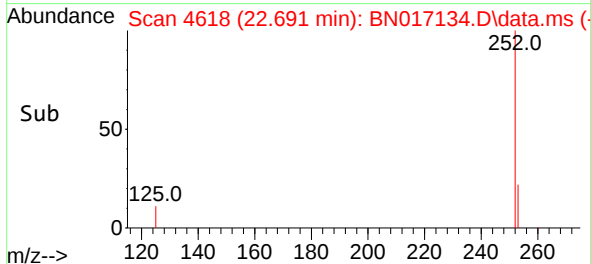
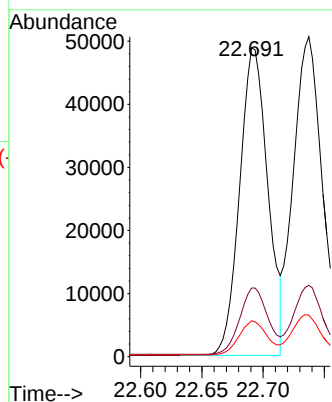
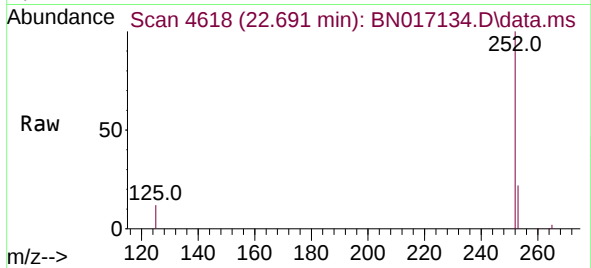




#24
Benzo(b)fluoranthene
Concen: 0.775 ng/ul
RT: 22.691 min Scan# 4618
Delta R.T. -0.001 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

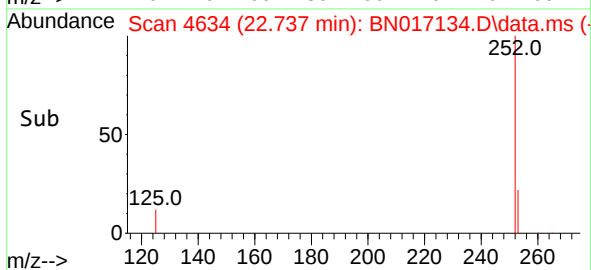
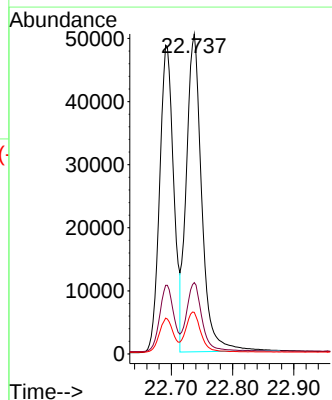
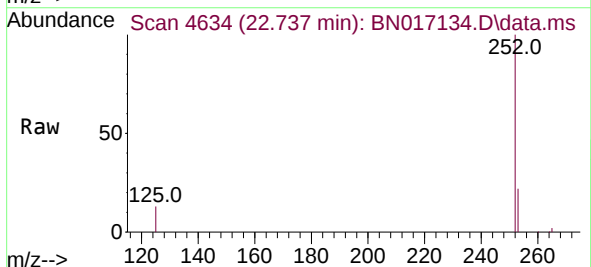
Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

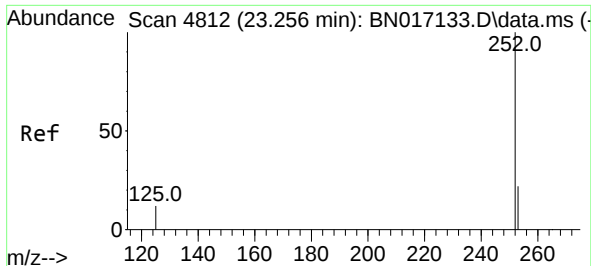
Tgt Ion:252 Resp: 77921
Ion Ratio Lower Upper
252 100
253 22.2 0.0 46.8
125 11.6 0.0 23.8



#25
Benzo(k)fluoranthene
Concen: 0.790 ng/ul
RT: 22.737 min Scan# 4634
Delta R.T. -0.001 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:252 Resp: 87518
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 13.0 10.0 15.0

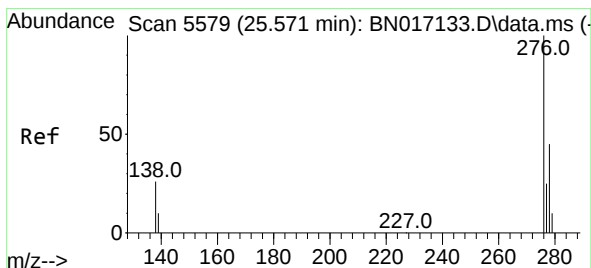
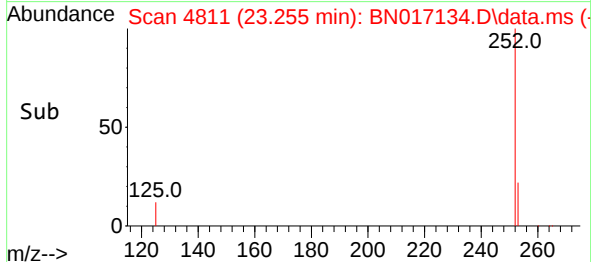
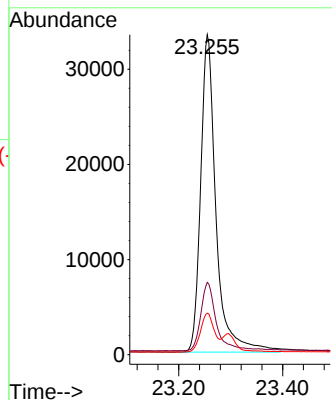
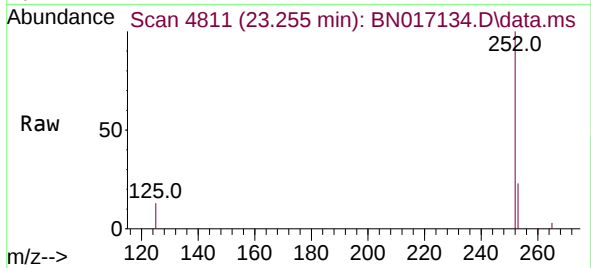




#26
Benzo(a)pyrene
Concen: 0.763 ng/ul
RT: 23.255 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

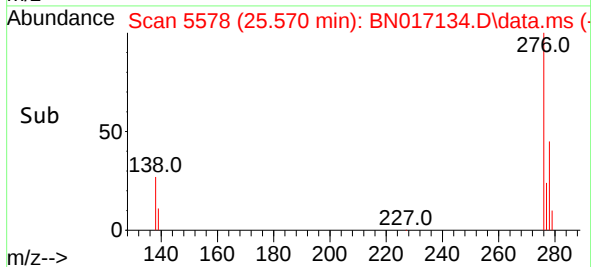
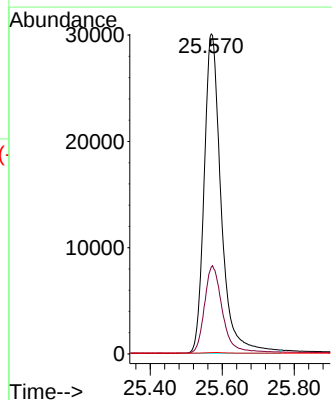
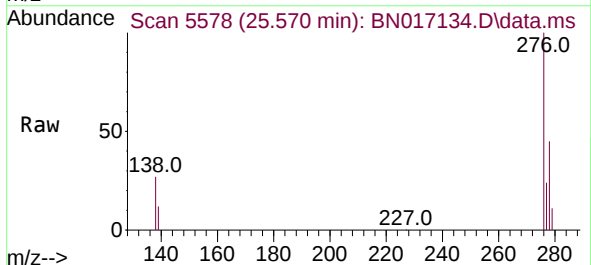
Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

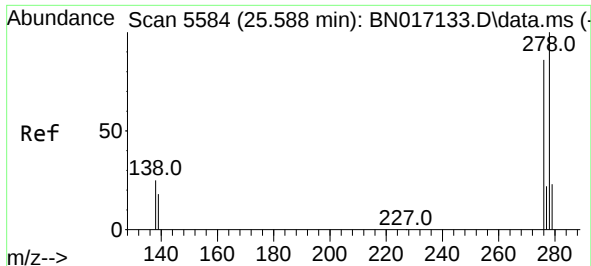
Tgt Ion:252 Resp: 68569
Ion Ratio Lower Upper
252 100
253 22.6 19.3 28.9
125 12.9 10.8 16.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.774 ng/ul
RT: 25.570 min Scan# 5578
Delta R.T. -0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:276 Resp: 98837
Ion Ratio Lower Upper
276 100
138 29.0 22.2 33.4
227 0.2 0.0 0.0#

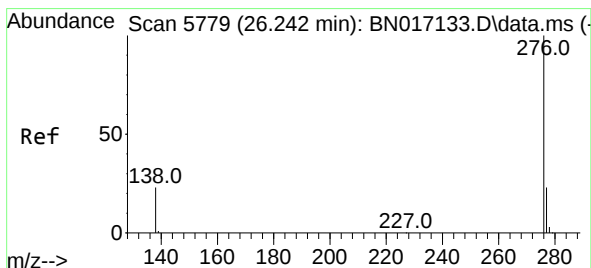
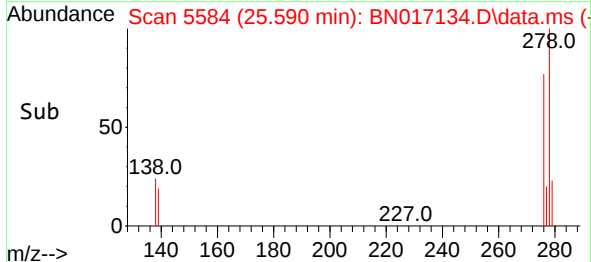
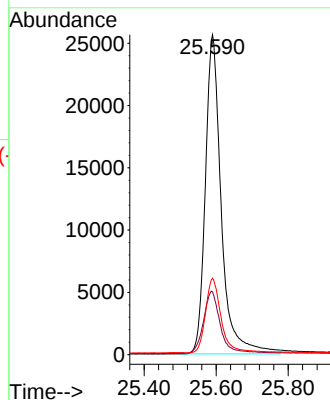
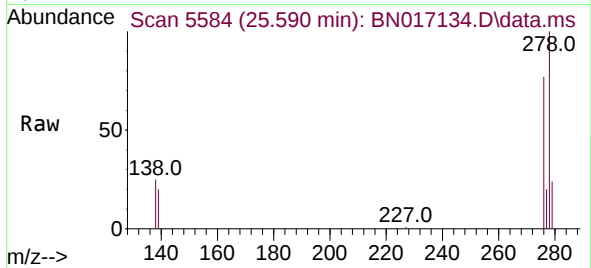




#28
Dibenzo(a,h)anthracene
Concen: 0.777 ng/ul
RT: 25.590 min Scan# 5584
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Instrument :
BNA_N
ClientSampleId :
SSTD0.8232

Tgt Ion:278 Resp: 78797
Ion Ratio Lower Upper
278 100
139 19.6 15.4 23.0
279 23.9 19.5 29.3



#29
Benzo(g,h,i)perylene
Concen: 0.746 ng/ul
RT: 26.244 min Scan# 5779
Delta R.T. 0.002 min
Lab File: BN017134.D
Acq: 27 Oct 2021 19:32

Tgt Ion:276 Resp: 82488
Ion Ratio Lower Upper
276 100
138 24.7 19.2 28.8
277 24.4 19.0 28.6

