

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102721\  
 Data File : BN017155.D  
 Acq On : 28 Oct 2021 14:45  
 Operator : CG/JU  
 Sample : M4205-16DL 5X  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 C0B04DL

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Quant Time: Oct 28 15:26:54 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 12:50:34 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	4766	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	18714	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	12969	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	34204	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	41059	0.400	ng/ul	0.00
23) Perylene-d12	23.351	264	48774	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.055	96	189	0.036	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	742	0.027	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	2160	0.020	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.898	152	6771	0.132	ng/ul	98
15) Phenanthrene	16.979	178	16365	0.151	ng/ul	100
16) Anthracene	17.071	178	3786	0.042	ng/ul#	95
19) Fluoranthene	19.009	202	49661	0.338	ng/ul	98
20) Pyrene	19.371	202	51246	0.340	ng/ul	99
21) Benzo(a)anthracene	21.133	228	32851	0.244	ng/ul	96
22) Chrysene	21.186	228	35519	0.233	ng/ul	98
24) Benzo(b)fluoranthene	22.694	252	51512m	0.283	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	22940m	0.111	ng/ul	
26) Benzo(a)pyrene	23.252	252	34456	0.211	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.566	276	25959	0.112	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.580	278	7106	0.039	ng/ul#	72
29) Benzo(g,h,i)perylene	26.240	276	20416	0.104	ng/ul	97
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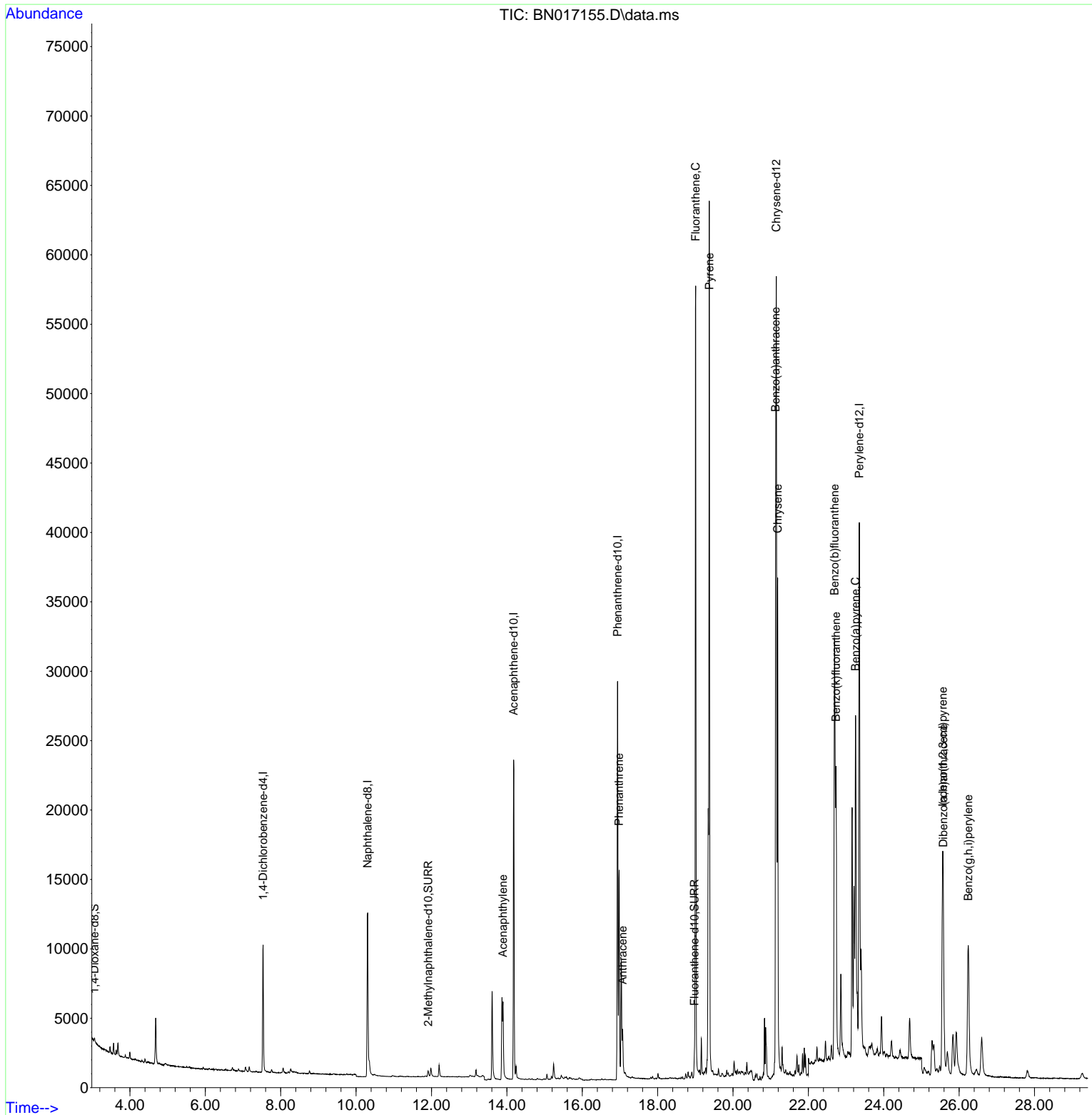
(#) = qualifier out of range (m) = manual integration (+) = signals summed

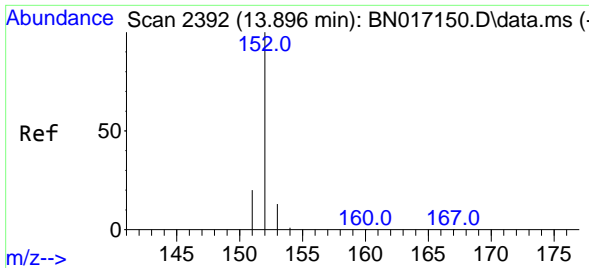
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102721\  
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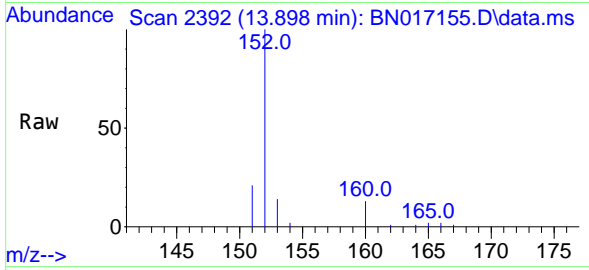
Quant Time: Oct 28 15:26:54 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SFAM-EPA-SIM-BN102721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#10  
 Acenaphthylene  
 Concen: 0.132 ng/u1  
 RT: 13.898 min Scan# 2392  
 Delta R.T. 0.001 min  
 Lab File: BN017155.D  
 Acq: 28 Oct 2021 14:45

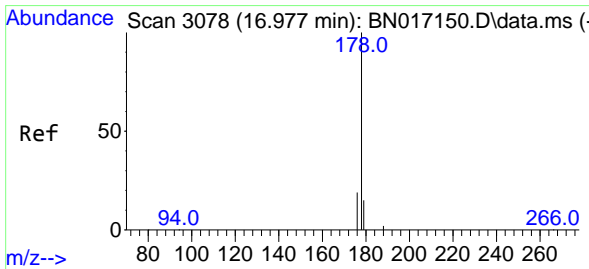
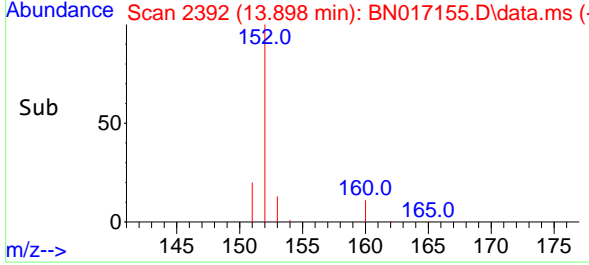
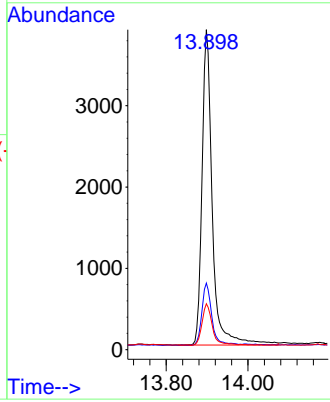
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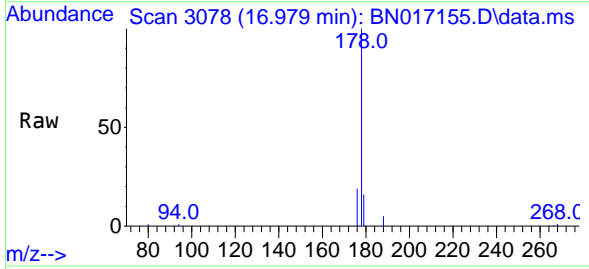
Tgt Ion:152 Resp: 6771

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.0	24.0
153	14.3	10.8	16.2

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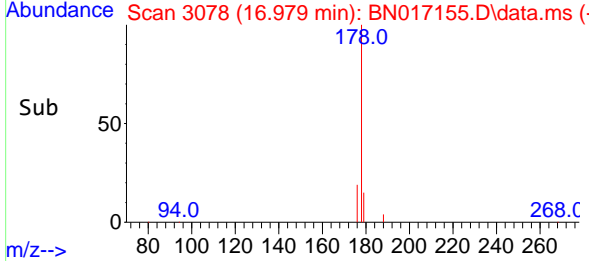
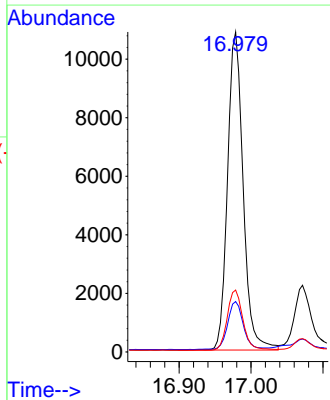


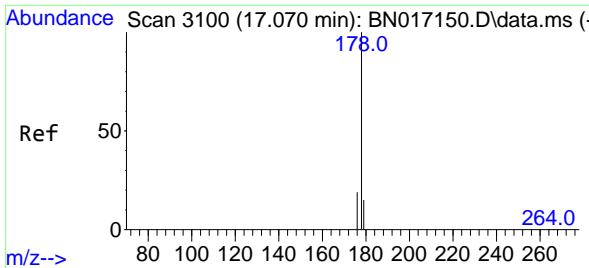
#15  
 Phenanthrene  
 Concen: 0.151 ng/u1  
 RT: 16.979 min Scan# 3078  
 Delta R.T. 0.001 min  
 Lab File: BN017155.D  
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Tgt Ion:178 Resp: 16365

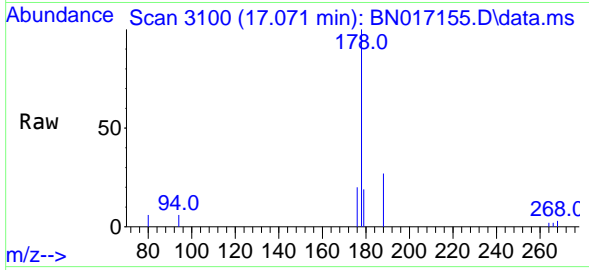
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.3	15.5	23.3





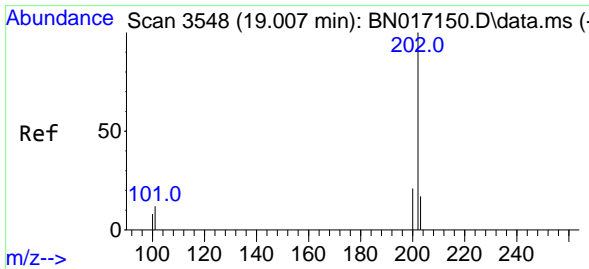
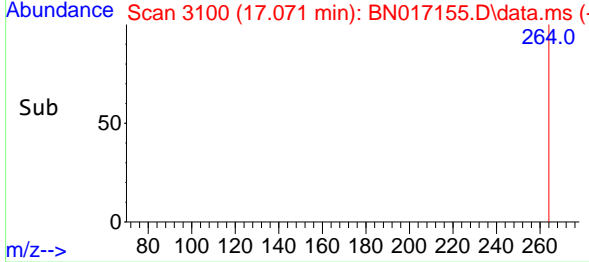
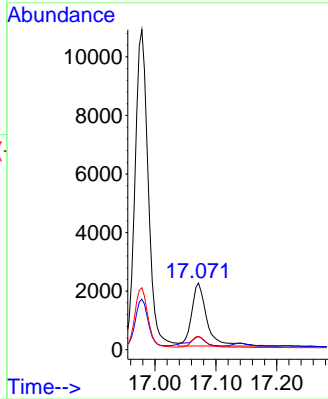
#16  
 Anthracene  
 Concen: 0.042 ng/u1  
 RT: 17.071 min Scan# 3100  
 Delta R.T. 0.001 min  
 Lab File: BN017155.D  
 Acq: 28 Oct 2021 14:45

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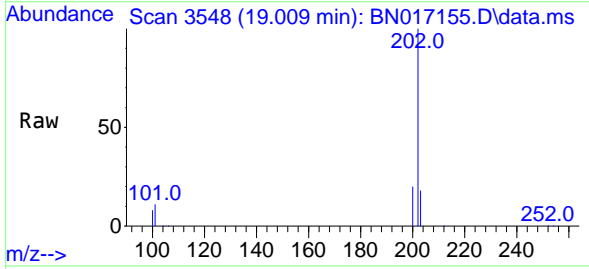


Tgt Ion:178 Resp: 3786  
 Ion Ratio Lower Upper  
 178 100  
 179 19.5 12.6 19.0#  
 176 20.0 15.2 22.8

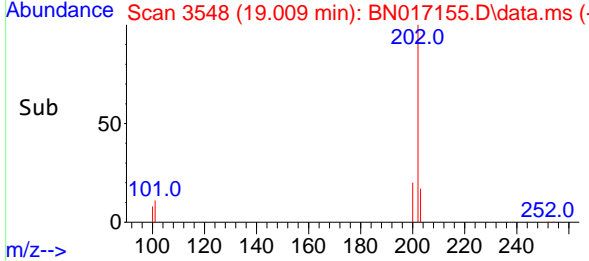
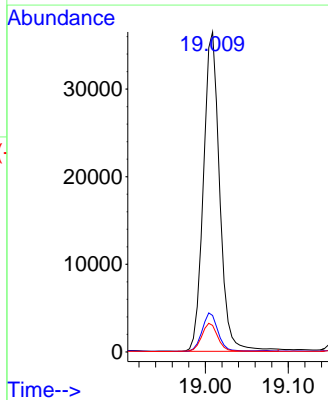
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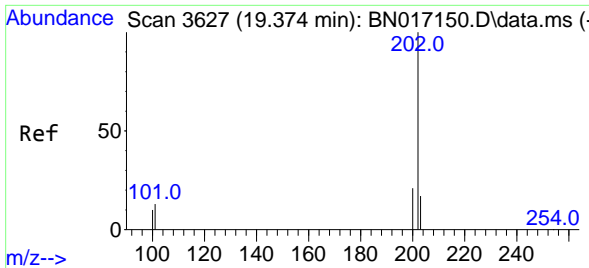


#19  
 Fluoranthene  
 Concen: 0.338 ng/u1  
 RT: 19.009 min Scan# 3548  
 Delta R.T. 0.001 min  
 Lab File: BN017155.D  
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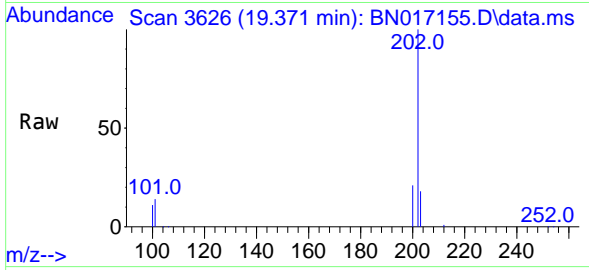
Tgt Ion:202 Resp: 49661  
 Ion Ratio Lower Upper  
 202 100  
 101 11.4 9.7 14.5  
 100 8.3 7.2 10.8





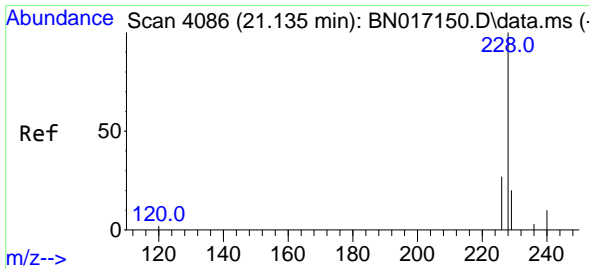
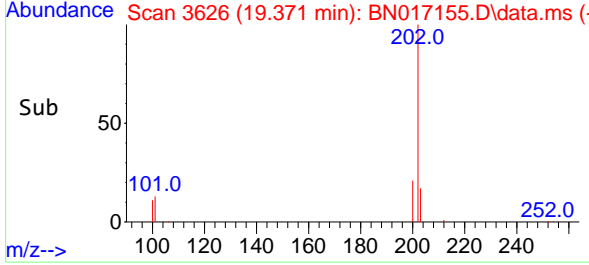
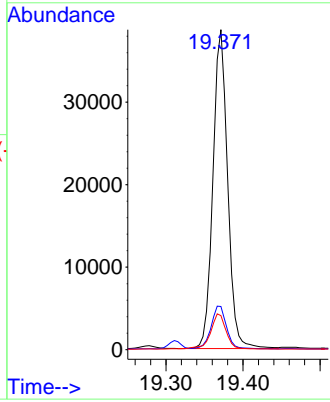
#20  
 Pyrene  
 Concen: 0.340 ng/u1  
 RT: 19.371 min Scan# 3626  
 Delta R.T. -0.003 min  
 Lab File: BN017155.D  
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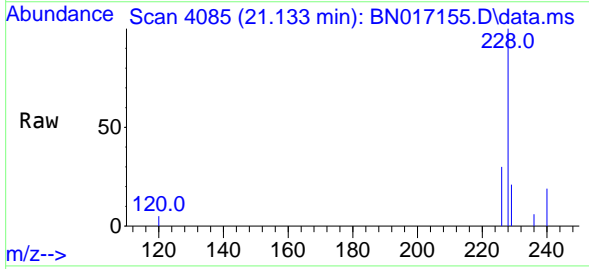


Tgt Ion:202 Resp: 51246  
 Ion Ratio Lower Upper  
 202 100  
 101 13.5 10.3 15.5  
 100 10.7 8.2 12.2

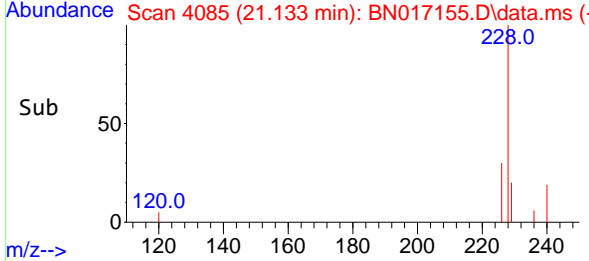
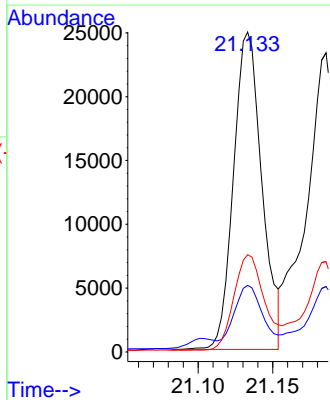
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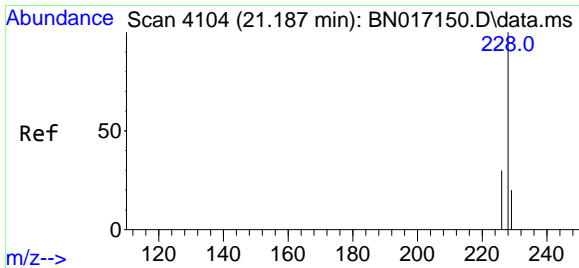


#21  
 Benzo(a)anthracene  
 Concen: 0.244 ng/u1  
 RT: 21.133 min Scan# 4085  
 Delta R.T. -0.001 min  
 Lab File: BN017155.D  
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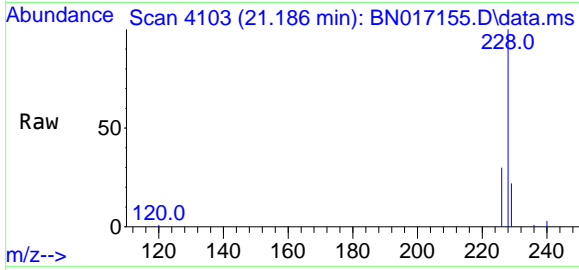
Tgt Ion:228 Resp: 32851  
 Ion Ratio Lower Upper  
 228 100  
 229 20.8 16.1 24.1  
 226 30.4 21.7 32.5





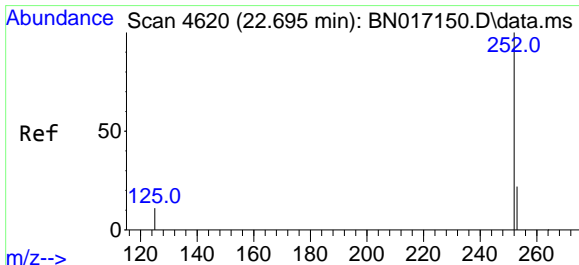
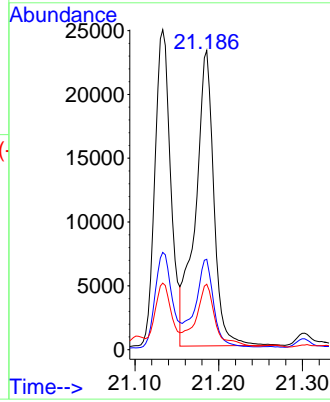
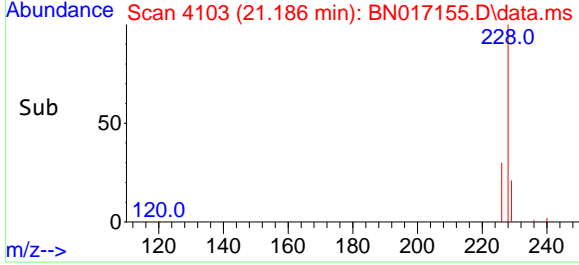
#22  
 Chrysene  
 Concen: 0.233 ng/u1  
 RT: 21.186 min Scan# 4103  
 Delta R.T. -0.001 min  
 Lab File: BN017155.D  
 Acq: 28 Oct 2021 14:45

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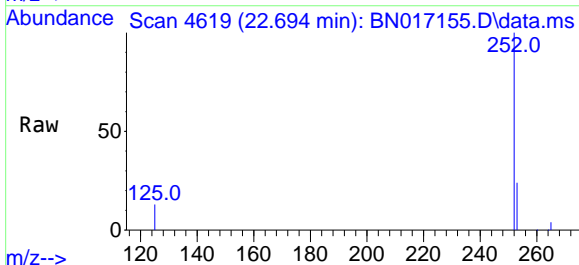


Tgt Ion:228 Resp: 35519  
 Ion Ratio Lower Upper  
 228 100  
 226 30.2 24.1 36.1  
 229 21.9 15.4 23.2

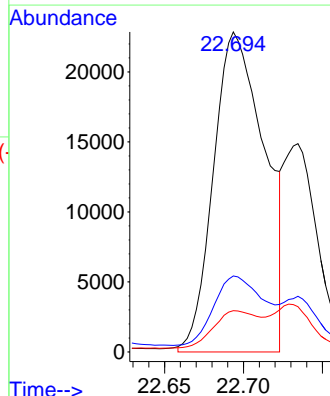
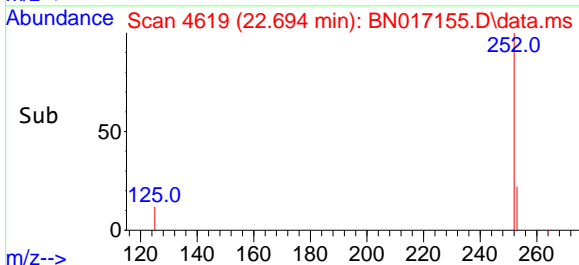
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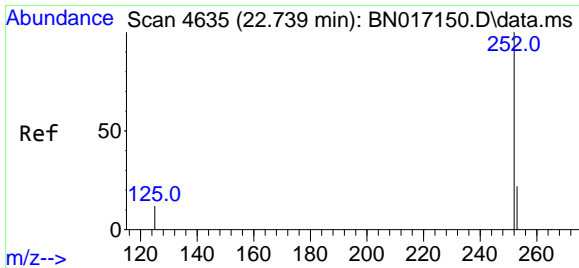


#24  
 Benzo(b)fluoranthene  
 Concen: 0.283 ng/u1 m  
 RT: 22.694 min Scan# 4619  
 Delta R.T. -0.001 min  
 Lab File: BN017155.D  
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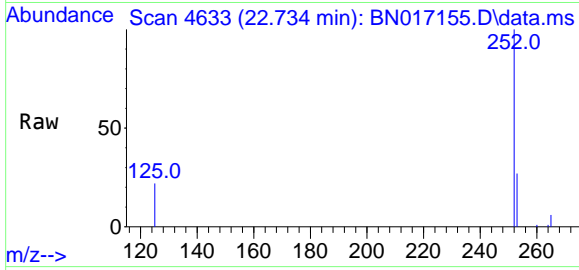
Tgt Ion:252 Resp: 51512  
 Ion Ratio Lower Upper  
 252 100  
 253 23.8 0.0 46.8  
 125 12.9 0.0 23.8





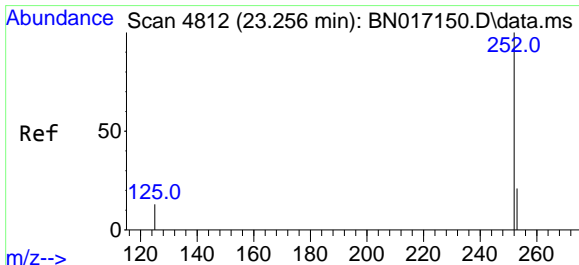
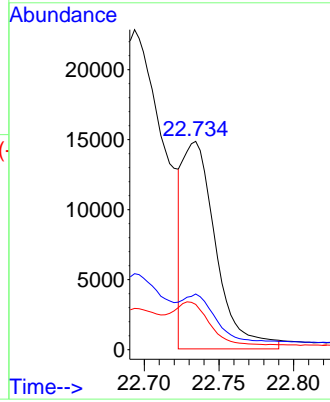
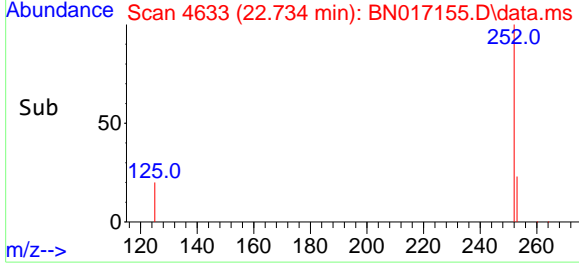
#25  
 Benzo(k)fluoranthene  
 Concen: 0.111 ng/ul m  
 RT: 22.734 min Scan# 4633  
 Delta R.T. -0.004 min  
 Lab File: BN017155.D  
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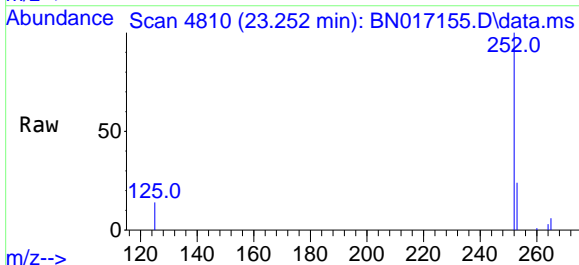


Tgt Ion:252 Resp: 22940  
 Ion Ratio Lower Upper  
 252 100  
 253 26.7 18.3 27.5  
 125 21.7 10.0 15.0#

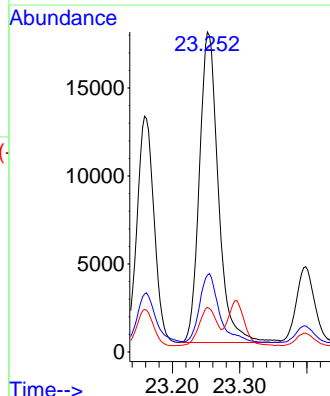
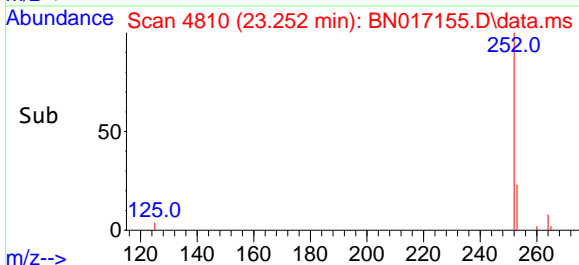
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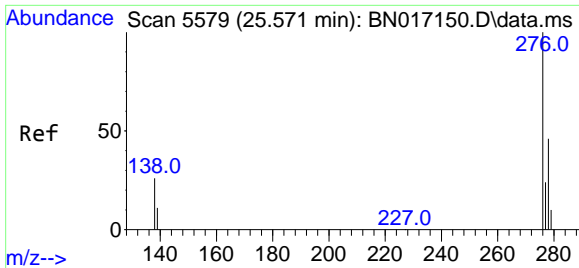


#26  
 Benzo(a)pyrene  
 Concen: 0.211 ng/ul  
 RT: 23.252 min Scan# 4810  
 Delta R.T. -0.004 min  
 Lab File: BN017155.D  
 Acq: 28 Oct 2021 14:45



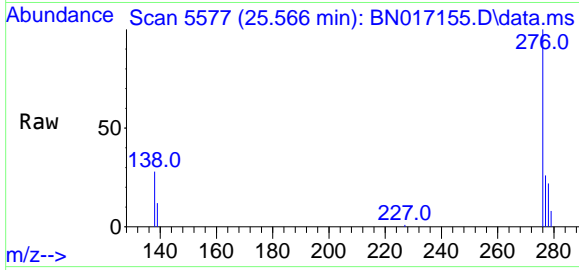
Tgt Ion:252 Resp: 34456  
 Ion Ratio Lower Upper  
 252 100  
 253 24.0 19.3 28.9  
 125 14.0 10.8 16.2





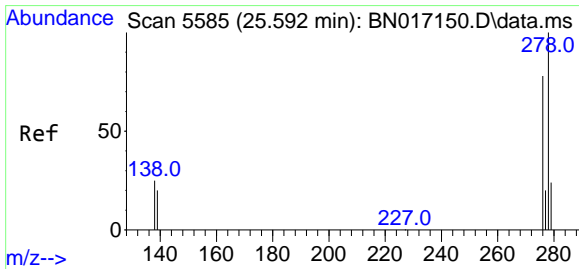
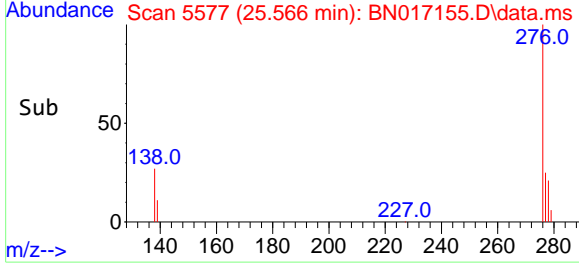
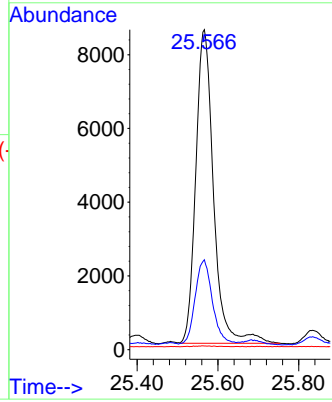
#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.112 ng/u1  
 RT: 25.566 min Scan# 5577  
 Delta R.T. -0.005 min  
 Lab File: BN017155.D  
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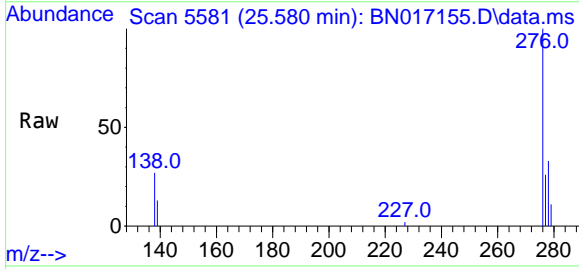


Tgt Ion:276 Resp: 25959  
 Ion Ratio Lower Upper  
 276 100  
 138 26.7 22.2 33.4  
 227 0.2 0.0 0.0#

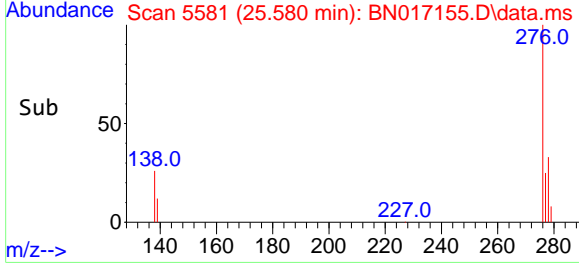
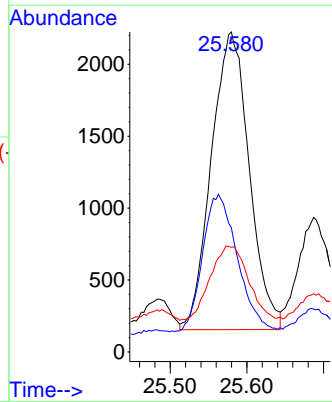
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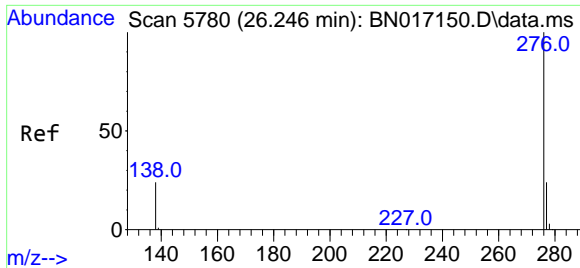
#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.039 ng/u1  
 RT: 25.580 min Scan# 5581  
 Delta R.T. -0.012 min  
 Lab File: BN017155.D  
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Tgt Ion:278 Resp: 7106  
 Ion Ratio Lower Upper  
 278 100  
 139 38.8 15.4 23.0#  
 279 32.7 19.5 29.3#

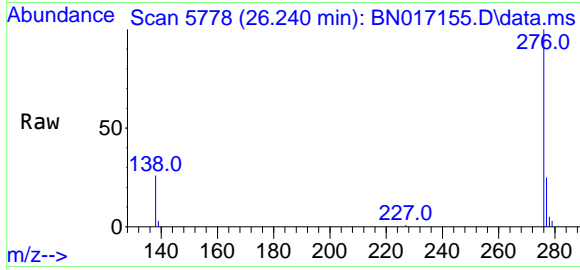






#29  
 Benzo(g,h,i)perylene  
 Concen: 0.104 ng/ul  
 RT: 26.240 min Scan# 5778  
 Delta R.T. -0.005 min  
 Lab File: BN017155.D  
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 ClientSampled :  
 C0B04DL



Tgt Ion: 276 Resp: 20416

Ion	Ratio	Lower	Upper
276	100		
138	26.3	19.2	28.8
277	24.7	19.0	28.6

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