

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017156.D
 Acq On : 28 Oct 2021 15:21
 Operator : CG/JU
 Sample : M4205-17DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B12DL

Manual Integrations
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Quant Time: Oct 28 15:58:39 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	5070	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	20023	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	13750	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	36886	0.400	ng/ul	0.00
17) Chrysene-d12	21.147	240	41909	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	50157	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	352	0.062	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.912	152	686	0.023	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	1989	0.018	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	1233	0.022	ng/ul#	83
7) 2-Methylnaphthalene	11.983	142	883	0.023	ng/ul	99
8) 1-Methylnaphthalene	12.203	142	982	0.025	ng/ul	99
10) Acenaphthylene	13.898	152	1929	0.035	ng/ul#	90
12) Fluorene	15.244	166	1143	0.021	ng/ul#	98
15) Phenanthrene	16.978	178	23860	0.204	ng/ul	100
19) Fluoranthene	19.008	202	31052	0.207	ng/ul	98
20) Pyrene	19.371	202	26588	0.173	ng/ul	98
21) Benzo(a)anthracene	21.133	228	8528	0.062	ng/ul	97
22) Chrysene	21.185	228	13810	0.089	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	16420m	0.088	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	8544m	0.040	ng/ul	
26) Benzo(a)pyrene	23.252	252	9471	0.056	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.566	276	8650	0.036	ng/ul#	90
29) Benzo(g,h,i)perylene	26.240	276	7089	0.035	ng/ul	93

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

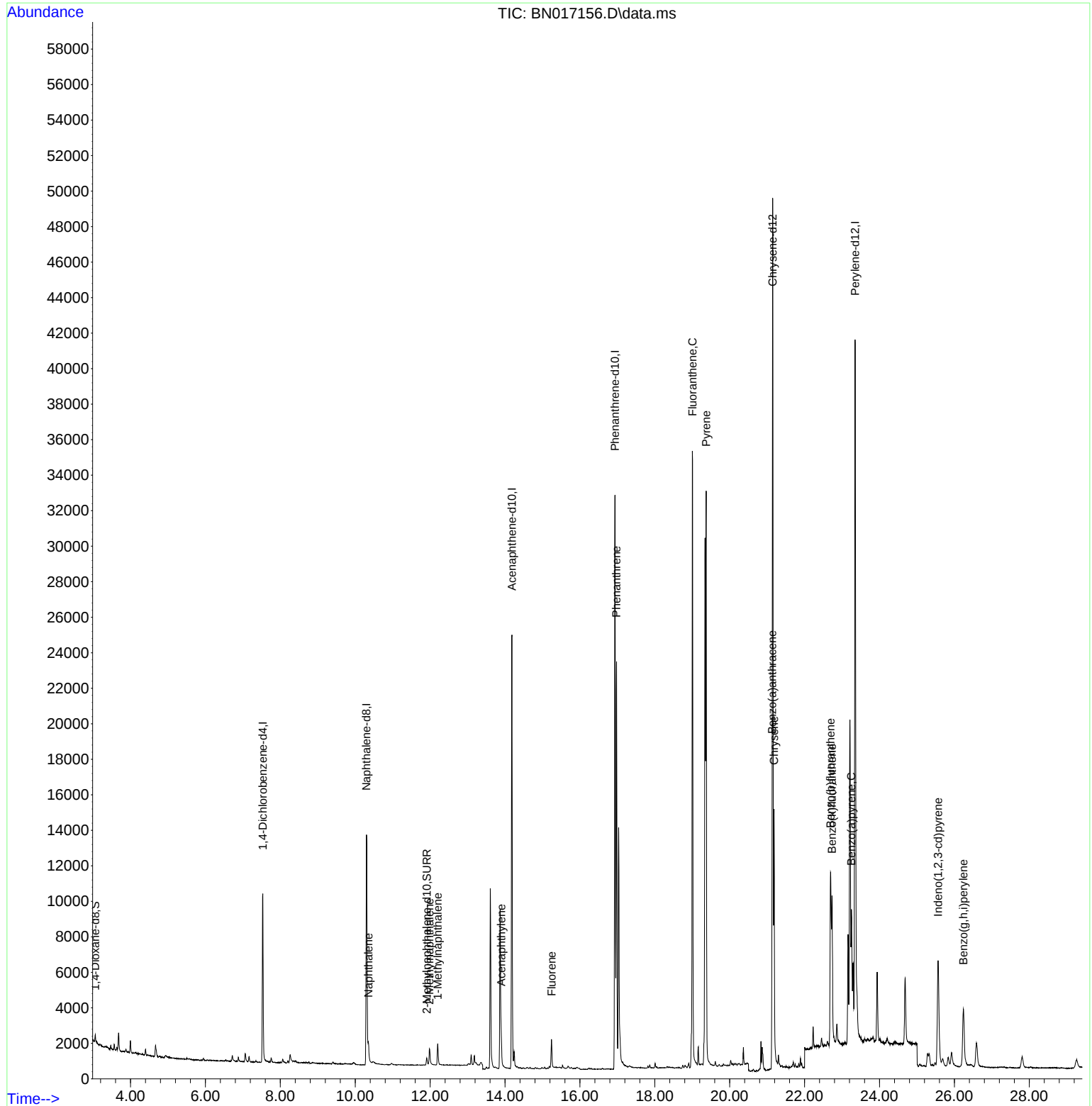
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Data File : BN017156.D
Acq On : 28 Oct 2021 15:21
Operator : CG/JU
Sample : M4205-17DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

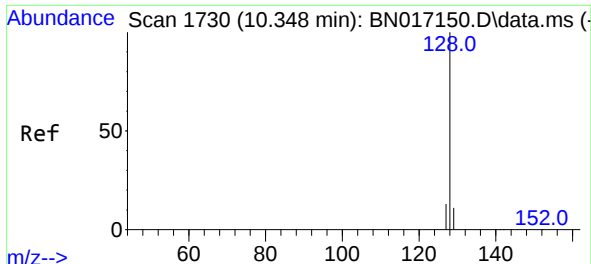
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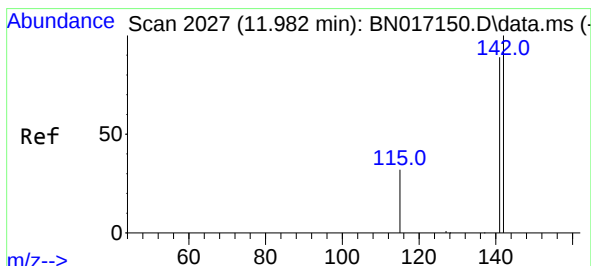
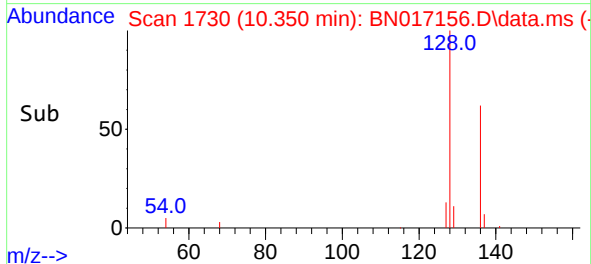
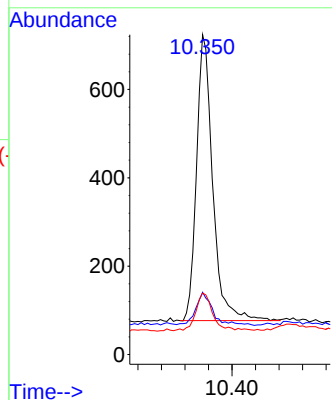
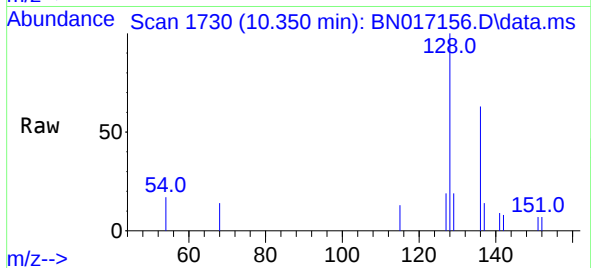
#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:128 Resp: 1233
Ion Ratio Lower Upper
128 100
129 19.5 9.2 13.8#
127 19.2 10.8 16.2#

Instrument :
BNA_N
ClientSampleId :
C0B12DL

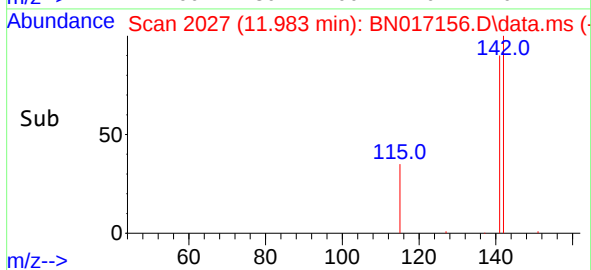
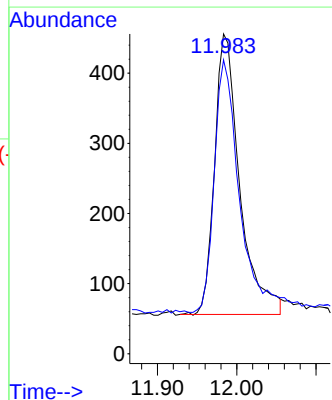
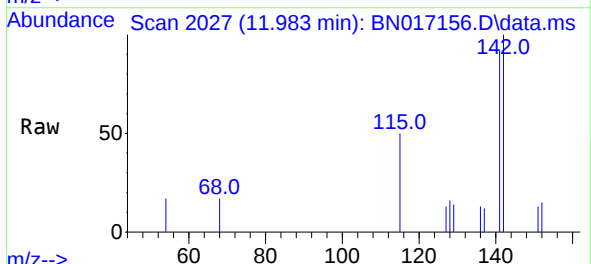
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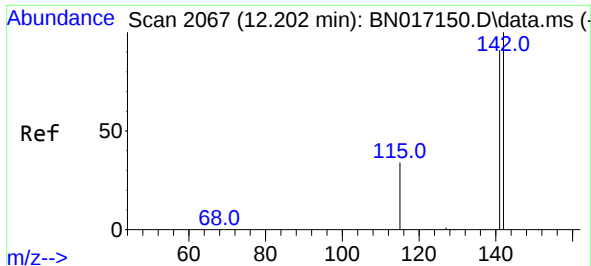
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#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.983 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:142 Resp: 883
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4





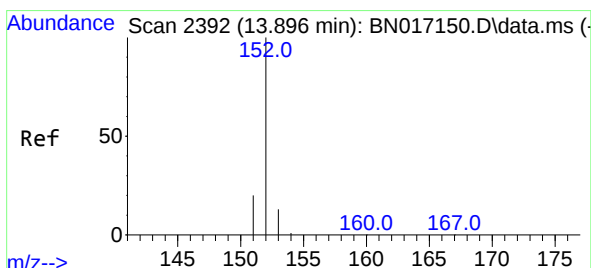
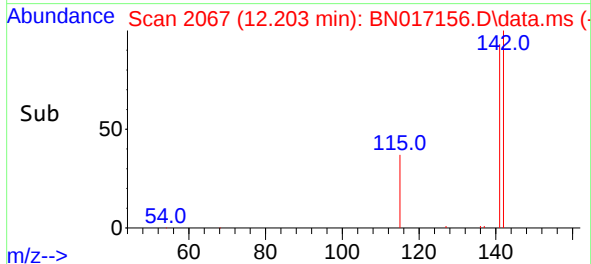
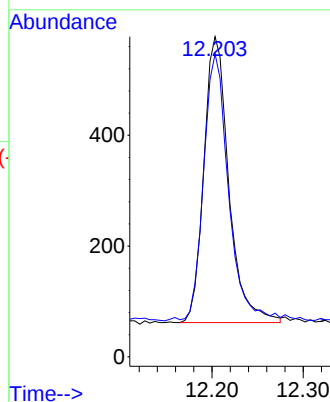
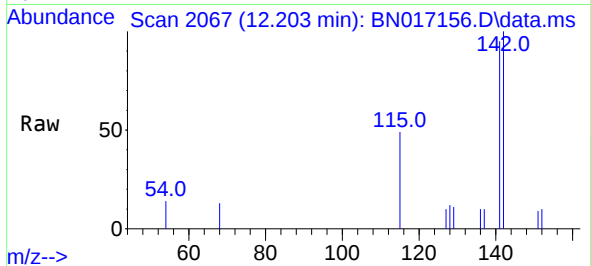
#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.203 min Scan# 2067
Delta R.T. 0.001 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Instrument :
BNA_N
ClientSampleId :
C0B12DL

Tgt Ion:142 Resp: 982
Ion Ratio Lower Upper
142 100
141 93.1 73.8 110.8

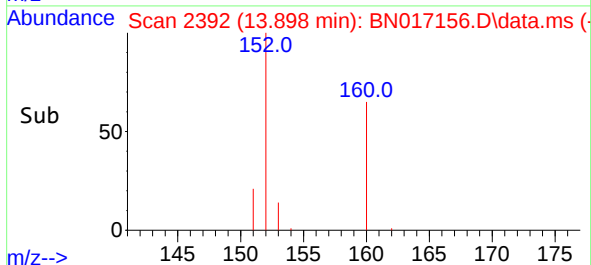
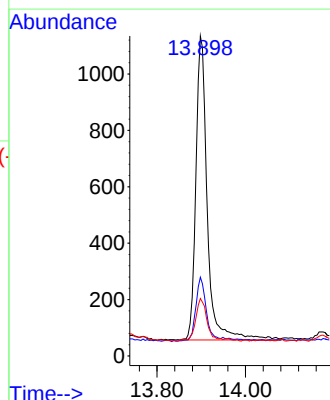
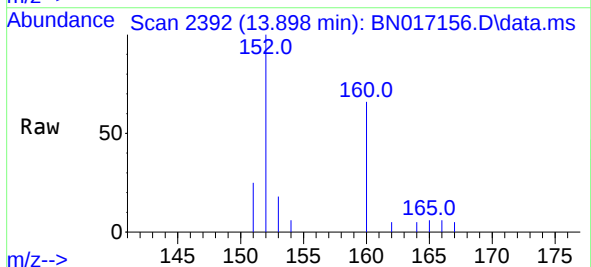
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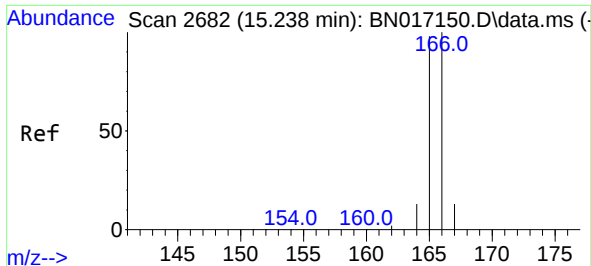
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#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

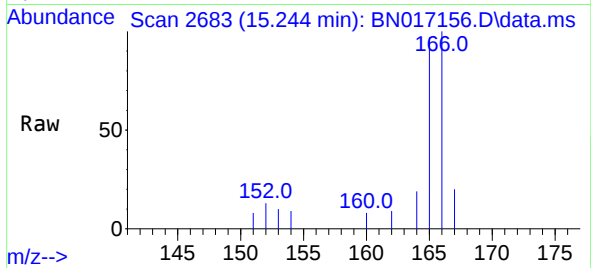
Tgt Ion:152 Resp: 1929
Ion Ratio Lower Upper
152 100
151 24.6 16.0 24.0#
153 18.0 10.8 16.2#





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.244 min Scan# 2683
Delta R.T. 0.006 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

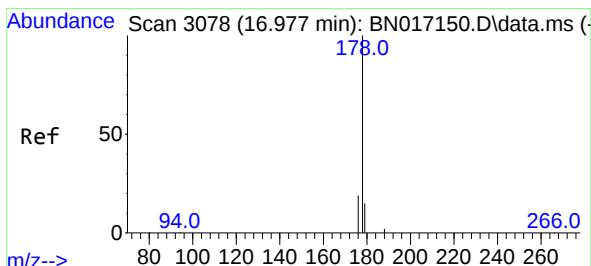
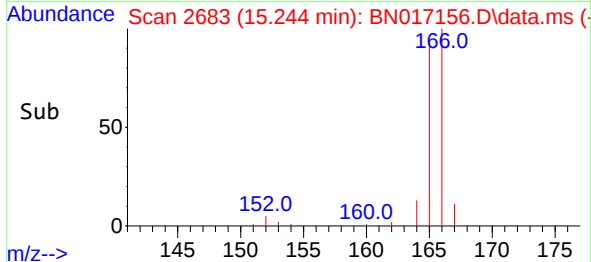
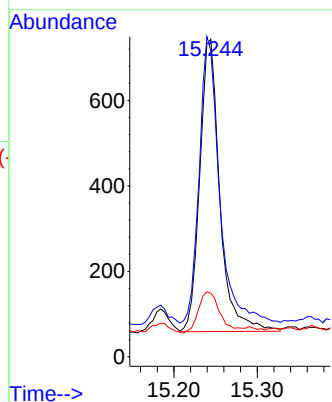
Instrument :
BNA_N
ClientSampleId :
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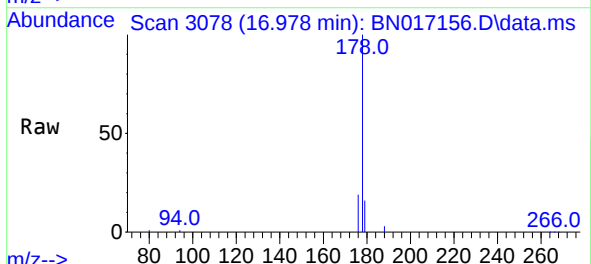
Tgt Ion:166 Resp: 1143
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 20.1 11.1 16.7#

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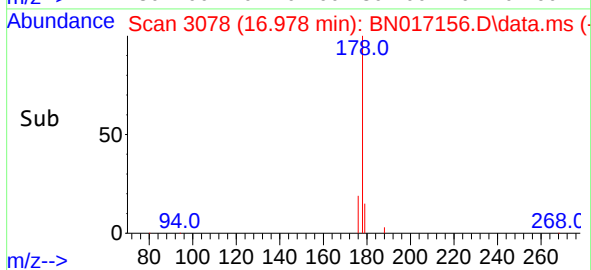
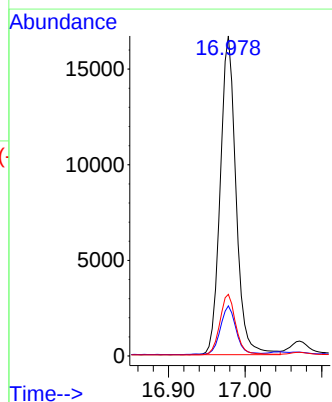
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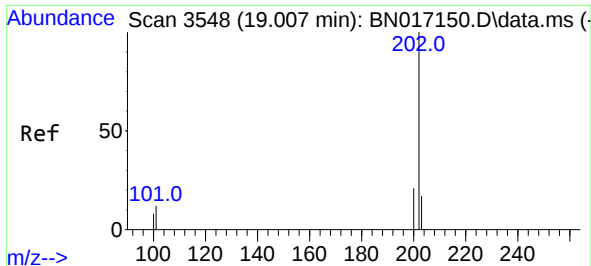


#15
Phenanthrene
Concen: 0.204 ng/ul
RT: 16.978 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21



Tgt Ion:178 Resp: 23860
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 15.5 23.3





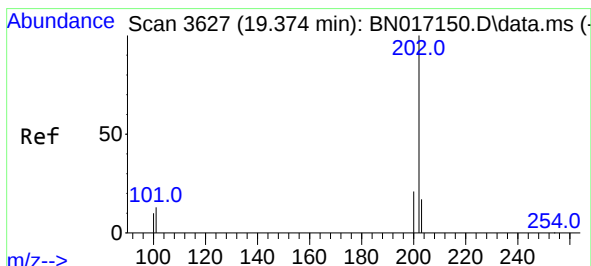
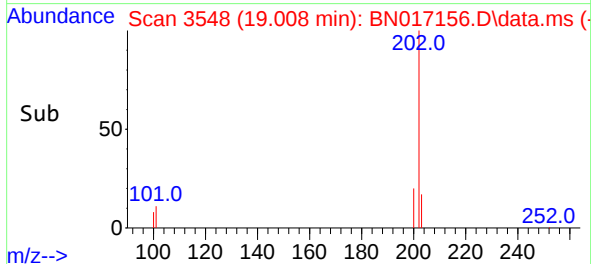
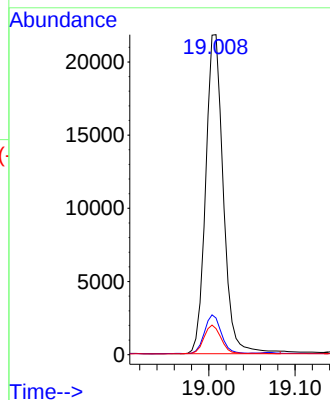
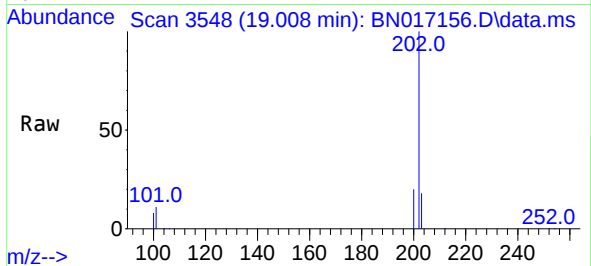
#19
Fluoranthene
Concen: 0.207 ng/u1
RT: 19.008 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:202 Resp: 31052
Ion Ratio Lower Upper
202 100
101 11.4 9.7 14.5
100 8.2 7.2 10.8

Instrument :
BNA_N
ClientSampleId :
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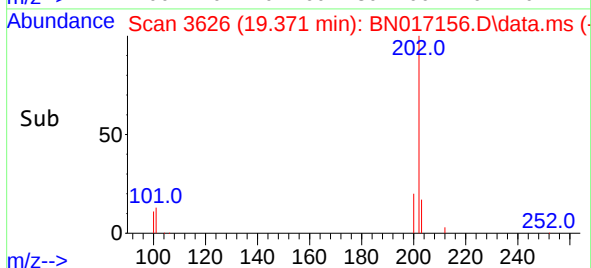
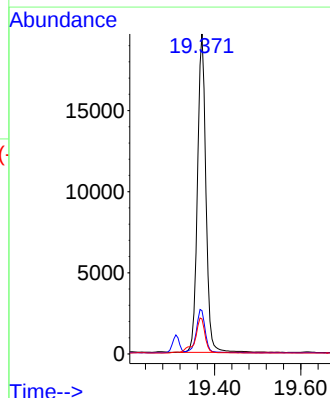
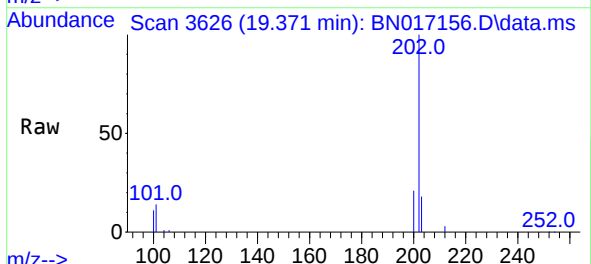
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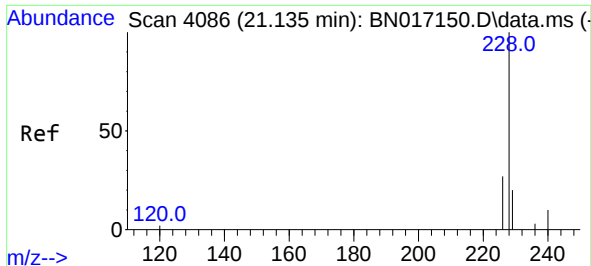
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#20
Pyrene
Concen: 0.173 ng/u1
RT: 19.371 min Scan# 3626
Delta R.T. -0.004 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:202 Resp: 26588
Ion Ratio Lower Upper
202 100
101 13.5 10.3 15.5
100 11.0 8.2 12.2





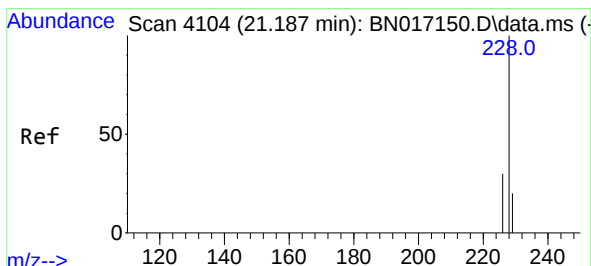
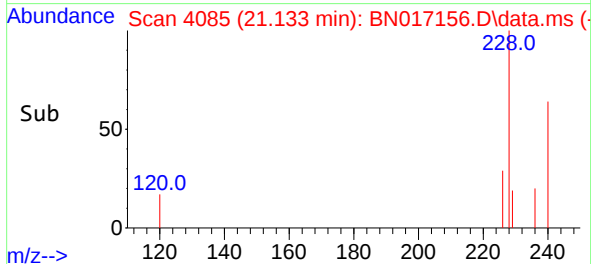
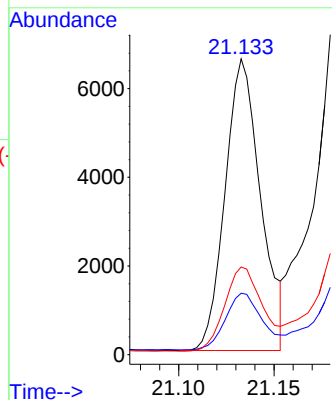
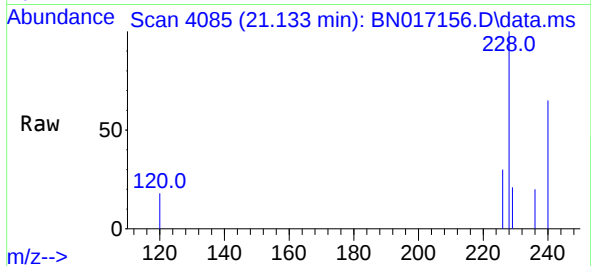
#21
Benzo(a)anthracene
Concen: 0.062 ng/u1
RT: 21.133 min Scan# 4085
Delta R.T. -0.002 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:	228	Resp:	8528
Ion Ratio	Lower	Upper	
228	100		
229	20.8	16.1	24.1
226	29.6	21.7	32.5

Instrument :
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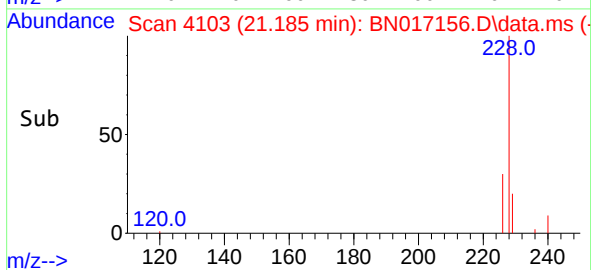
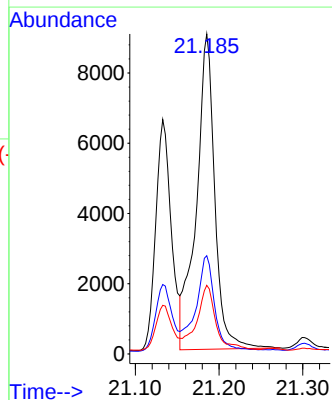
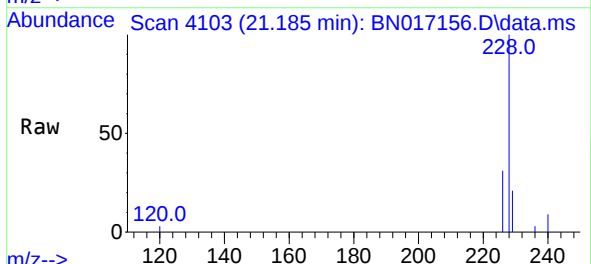
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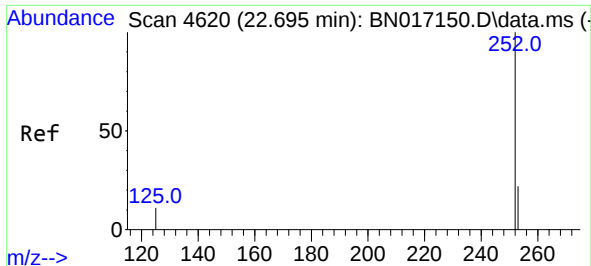
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#22
Chrysene
Concen: 0.089 ng/u1
RT: 21.185 min Scan# 4103
Delta R.T. -0.002 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:	228	Resp:	13810
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.1	36.1
229	21.4	15.4	23.2





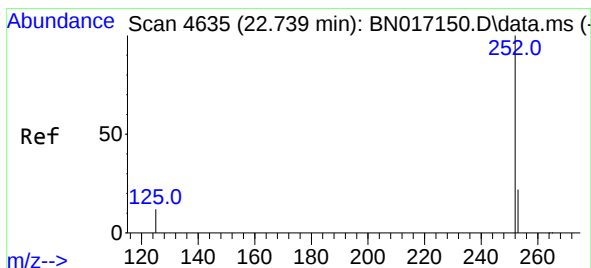
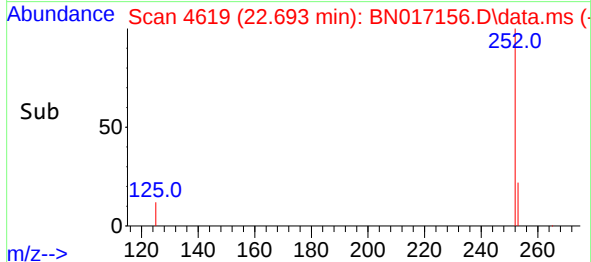
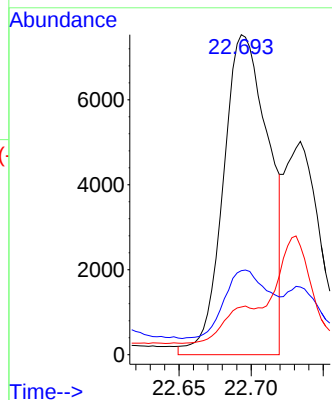
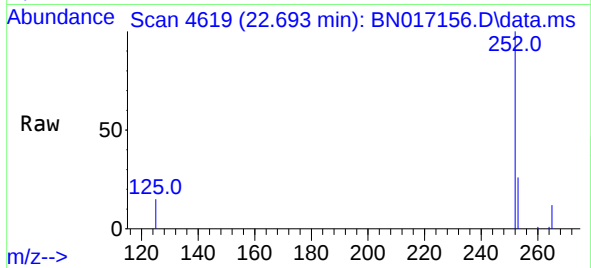
#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul m
RT: 22.693 min Scan# 4619
Delta R.T. -0.002 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:252	Resp:	16420
Ion Ratio	Lower	Upper
252	100	
253	26.2	0.0 46.8
125	14.9	0.0 23.8

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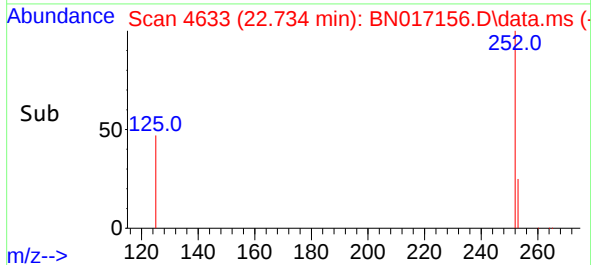
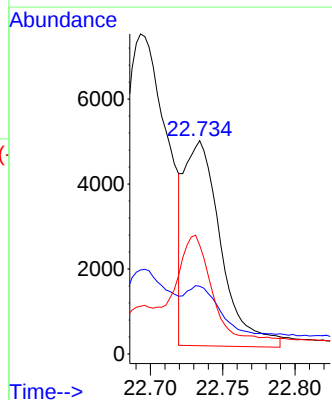
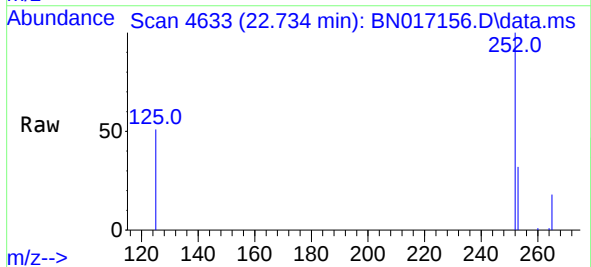
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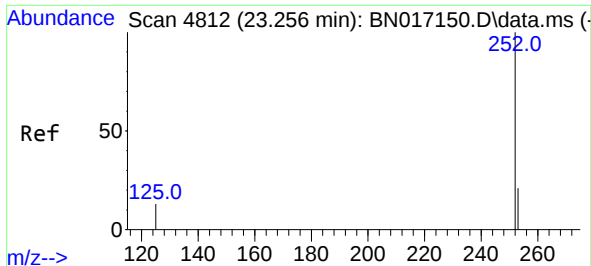
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#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 22.734 min Scan# 4633
Delta R.T. -0.005 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:252	Resp:	8544
Ion Ratio	Lower	Upper
252	100	
253	31.7	18.3 27.5#
125	50.9	10.0 15.0#





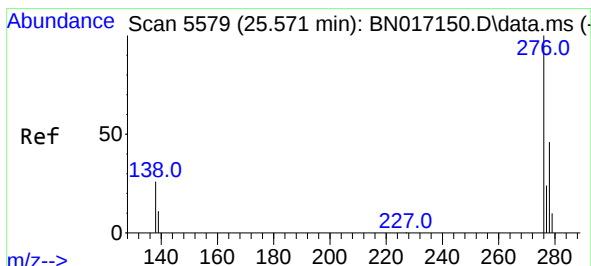
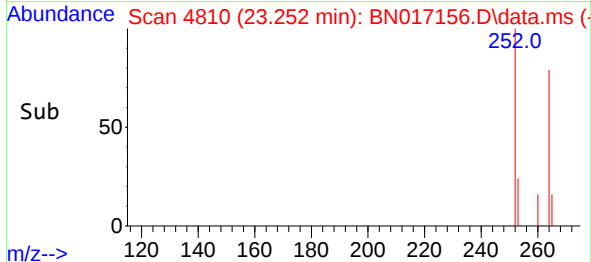
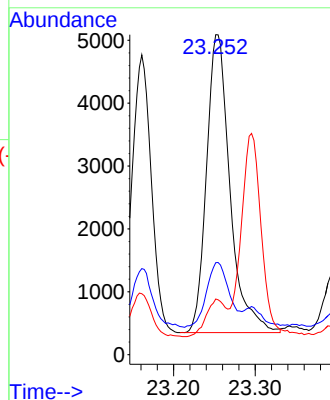
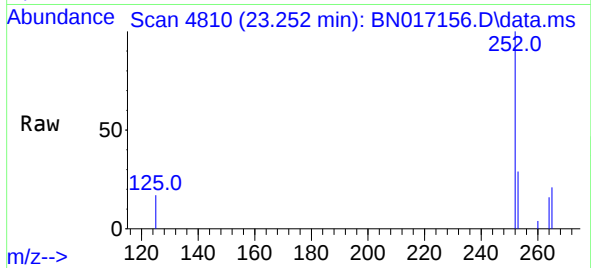
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Benzo(a)pyrene
Concen: 0.056 ng/ul
RT: 23.252 min Scan# 4810
Delta R.T. -0.005 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:	252	Resp:	9471
Ion Ratio	Lower	Upper	
252	100		
253	28.7	19.3	28.9
125	17.4	10.8	16.2#

Instrument :
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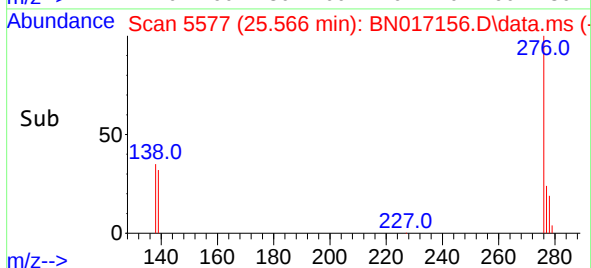
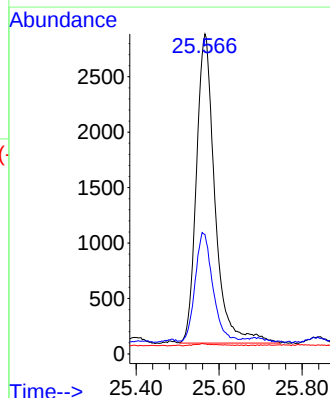
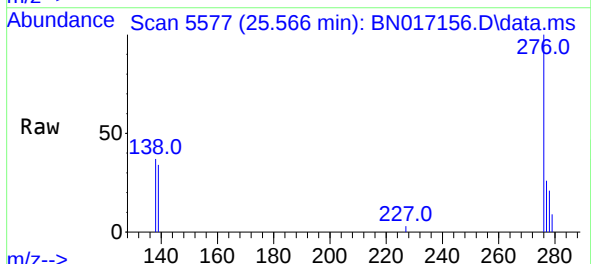
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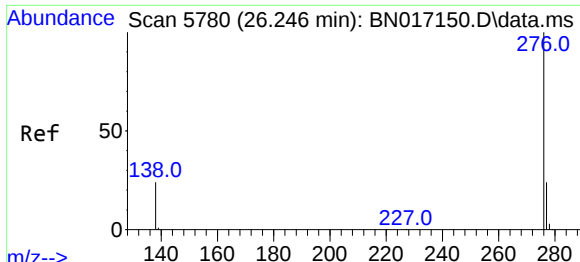
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 25.566 min Scan# 5577
Delta R.T. -0.006 min
Lab File: BN017156.D
Acq: 28 Oct 2021 15:21

Tgt Ion:	276	Resp:	8650
Ion Ratio	Lower	Upper	
276	100		
138	33.2	22.2	33.4
227	0.9	0.0	0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.035 ng/ul
 RT: 26.240 min Scan# 5778
 Delta R.T. -0.006 min
 Lab File: BN017156.D
 Acq: 28 Oct 2021 15:21

Tgt Ion:	276	Resp:	7089
Ion Ratio	Lower	Upper	
276	100		
138	28.7	19.2	28.8
277	26.3	19.0	28.6

Instrument :
 BNA_N
 ClientSampleId :
 C0B12DL

Manual Integrations
 APPROVED

mohammad
 10/29/2021 2:24:04 PM

