

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017171.D
 Acq On : 29 Oct 2021 01:03
 Operator : CG/JU
 Sample : M4205-17DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B12DL

Manual Integrations
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Quant Time: Oct 29 03:16:33 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	4925	0.400	ng/ul	0.00
4) Naphthalene-d8	10.300	136	19093	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.180	164	12028	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	27208	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	26678	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264	27471	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	416	0.076	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	145	0.005	ng/ul	0.00
18) Fluoranthene-d10	18.976	212	437	0.006	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.350	128	1342	0.025	ng/ul#	85
7) 2-Methylnaphthalene	11.983	142	1029	0.028	ng/ul	100
8) 1-Methylnaphthalene	12.203	142	1134	0.030	ng/ul	99
10) Acenaphthylene	13.898	152	2262	0.048	ng/ul#	94
12) Fluorene	15.240	166	1350	0.028	ng/ul#	94
15) Phenanthrene	16.979	178	31546	0.365	ng/ul	99
19) Fluoranthene	19.009	202	41141	0.431	ng/ul	98
20) Pyrene	19.371	202	34666	0.354	ng/ul	99
21) Benzo(a)anthracene	21.130	228	10440	0.120	ng/ul	97
22) Chrysene	21.183	228	17410	0.176	ng/ul	98
24) Benzo(b)fluoranthene	22.691	252	20335m	0.199	ng/ul	
25) Benzo(k)fluoranthene	22.729	252	9314m	0.080	ng/ul	
26) Benzo(a)pyrene	23.249	252	11408	0.124	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.560	276	10078	0.077	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.570	278	2425	0.024	ng/ul#	52
29) Benzo(g,h,i)perylene	26.234	276	8320	0.075	ng/ul	95

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

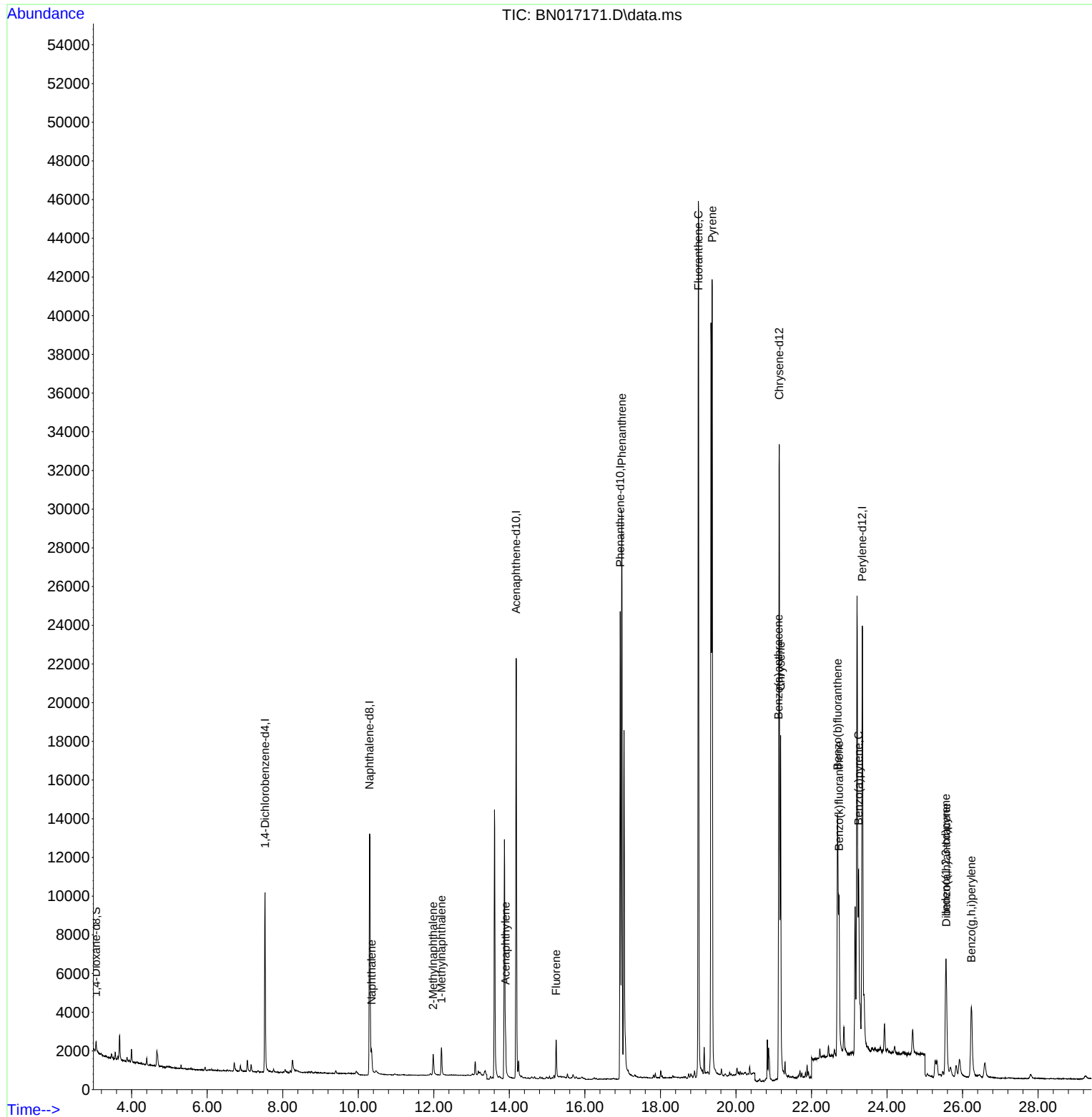
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017171.D
Acq On : 29 Oct 2021 01:03
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ALS Vial : 44 Sample Multiplier: 1

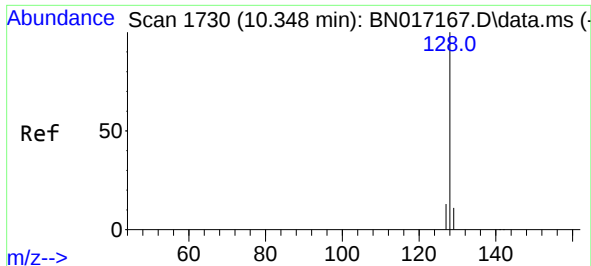
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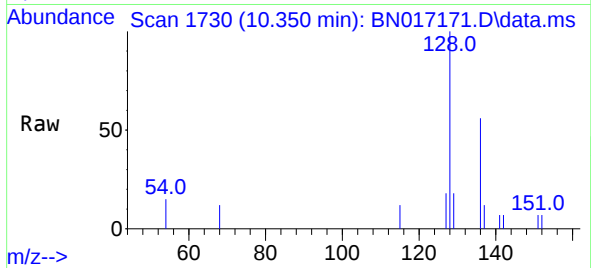
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Quant Time: Oct 29 03:16:33 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 28 12:50:34 2021
Response via : Initial Calibration

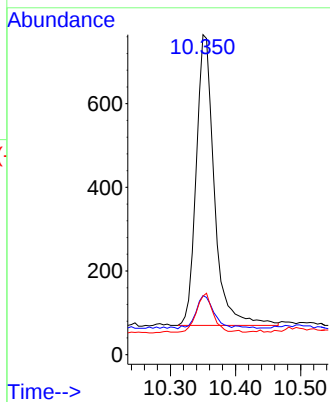
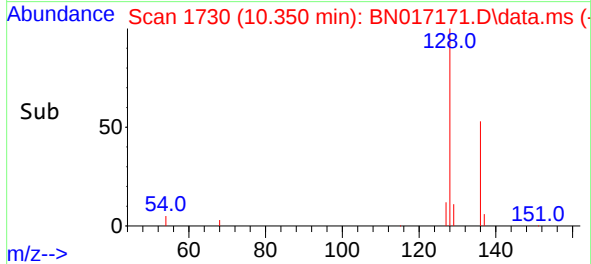




#5
Naphthalene
Concen: 0.025 ng/ul
RT: 10.350 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03



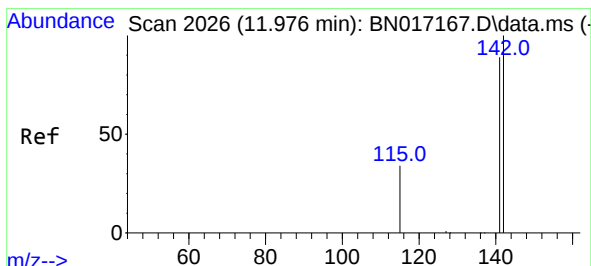
Tgt Ion:128 Resp: 1342
Ion Ratio Lower Upper
128 100
129 18.4 9.2 13.8#
127 18.3 10.8 16.2#



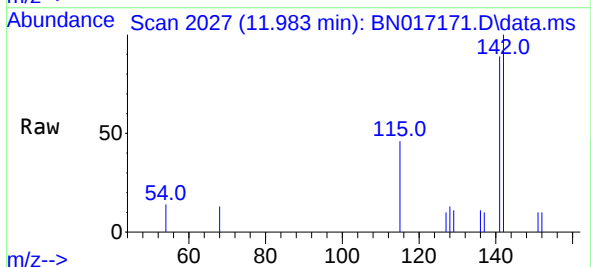
Instrument :
BNA_N
ClientSampleId :
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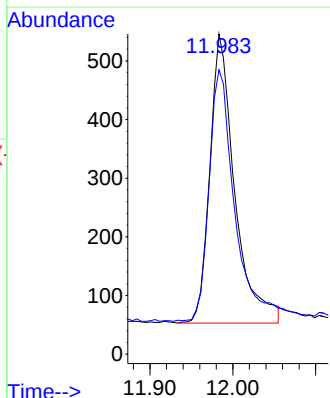
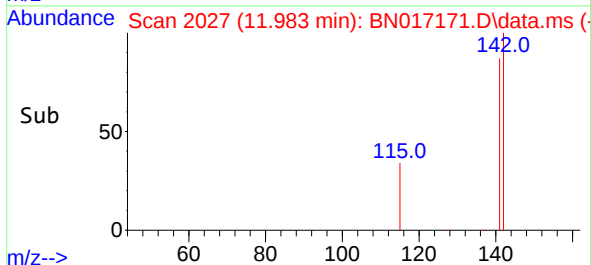
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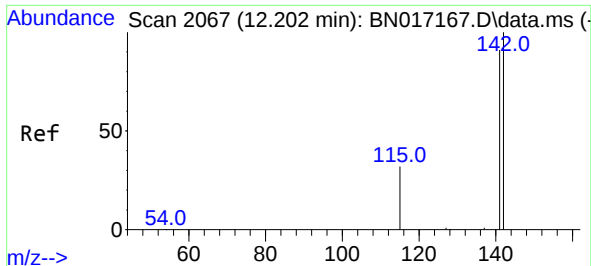


#7
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 11.983 min Scan# 2027
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03



Tgt Ion:142 Resp: 1029
Ion Ratio Lower Upper
142 100
141 89.1 71.0 106.4





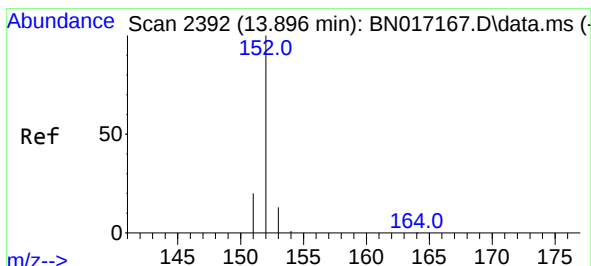
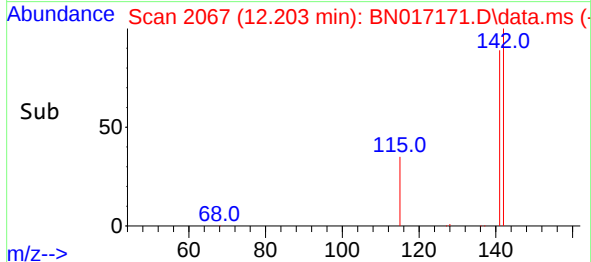
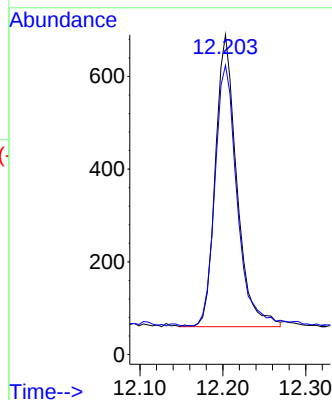
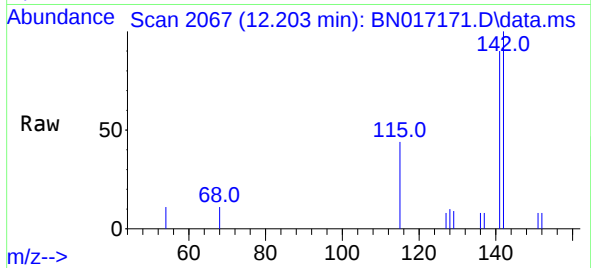
#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.203 min Scan# 2067
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:142 Resp: 1134
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8

Instrument :
BNA_N
ClientSampled :
C0B12DL

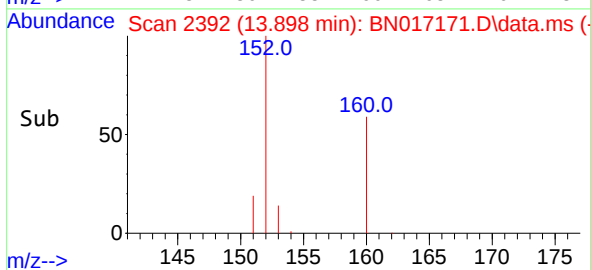
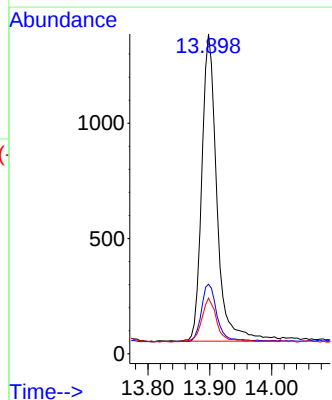
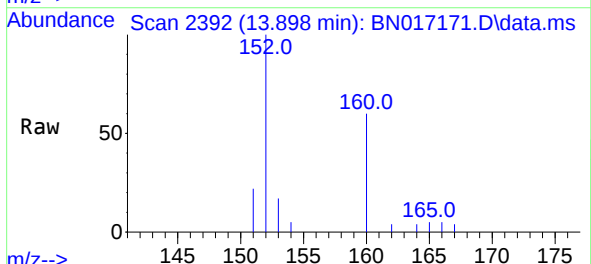
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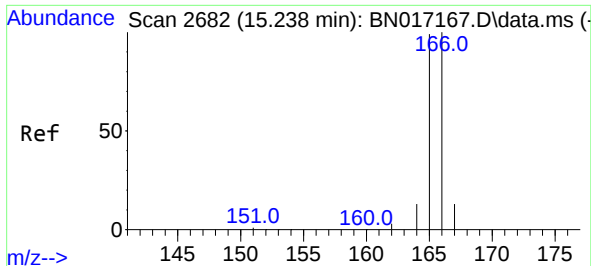
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#10
Acenaphthylene
Concen: 0.048 ng/ul
RT: 13.898 min Scan# 2392
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

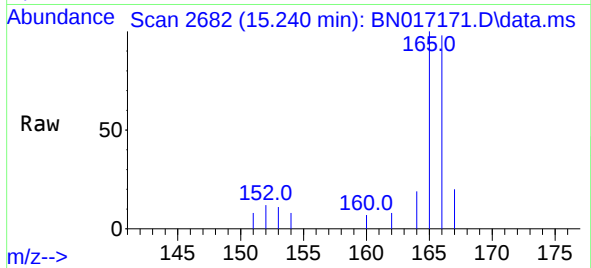
Tgt Ion:152 Resp: 2262
Ion Ratio Lower Upper
152 100
151 21.8 16.0 24.0
153 17.4 10.8 16.2#





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.240 min Scan# 2682
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

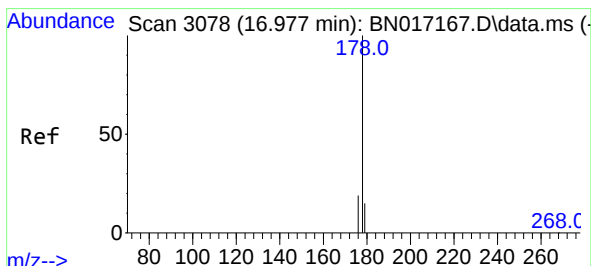
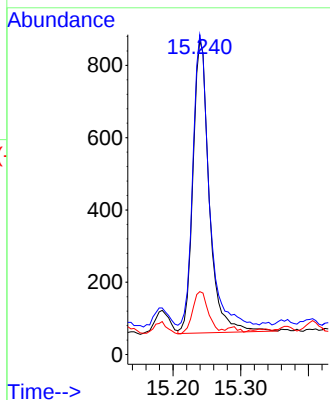
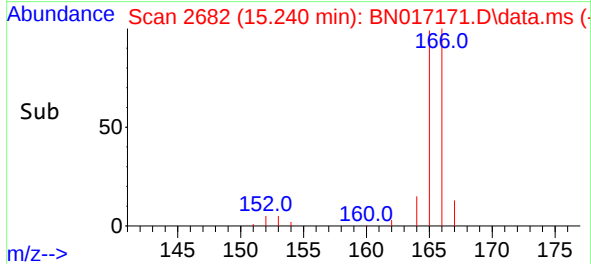
Instrument :
BNA_N
ClientSampleId :
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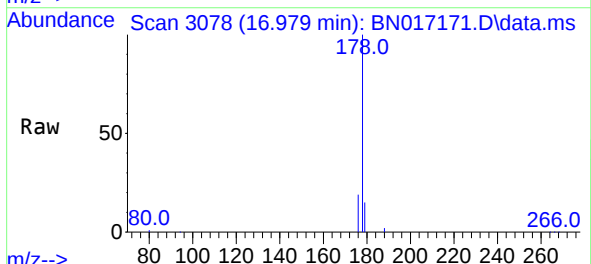
Tgt Ion:166 Resp: 1350
Ion Ratio Lower Upper
166 100
165 101.8 77.7 116.5
167 20.0 11.1 16.7#

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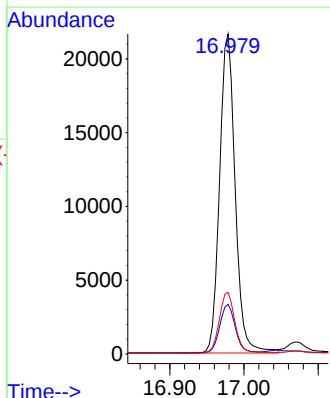
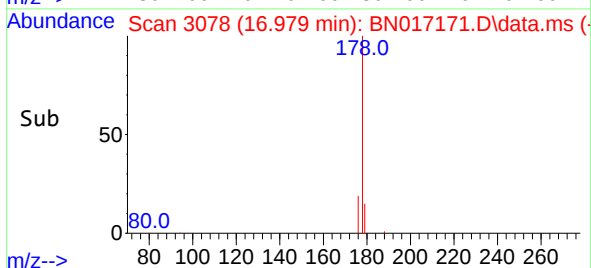
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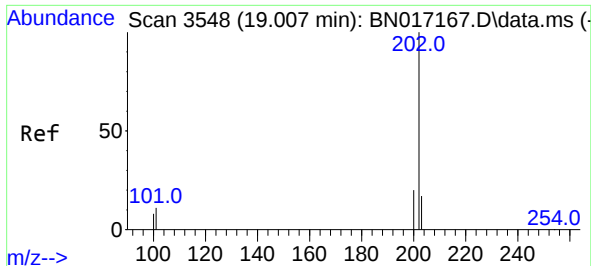


#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.979 min Scan# 3078
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03



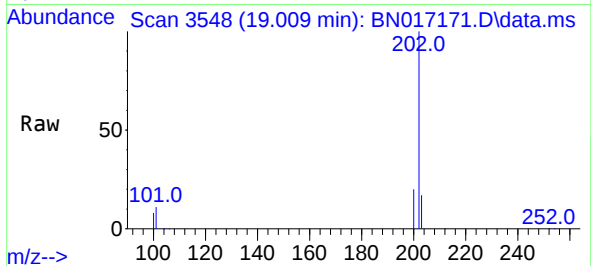
Tgt Ion:178 Resp: 31546
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.3 15.5 23.3





#19
Fluoranthene
Concen: 0.431 ng/u1
RT: 19.009 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

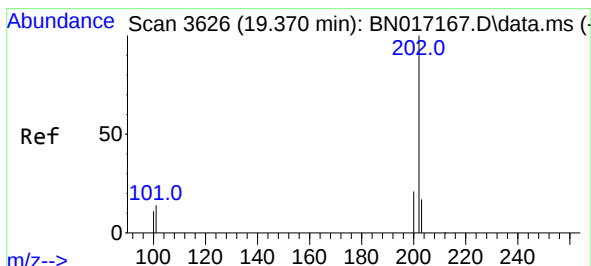
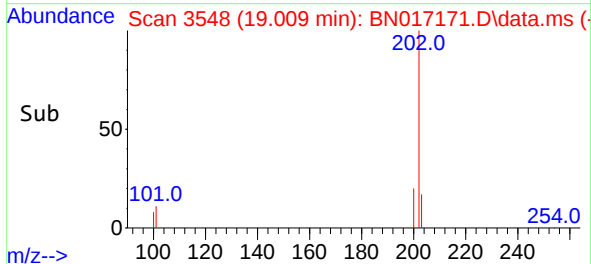
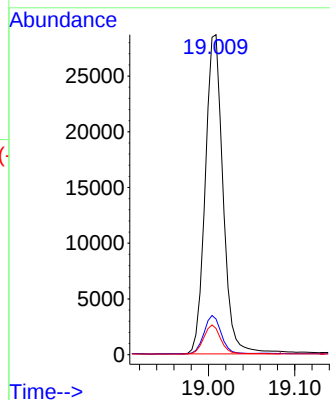
Instrument :
BNA_N
ClientSampleId :
C0B12DL



Tgt Ion:202 Resp: 41141
Ion Ratio Lower Upper
202 100
101 11.2 9.7 14.5
100 8.2 7.2 10.8

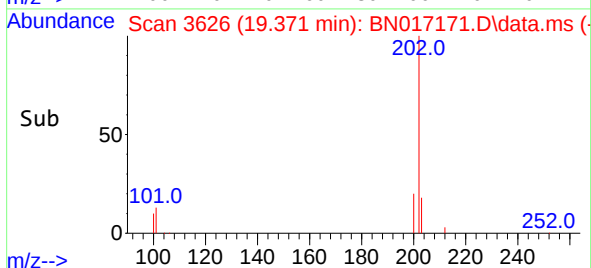
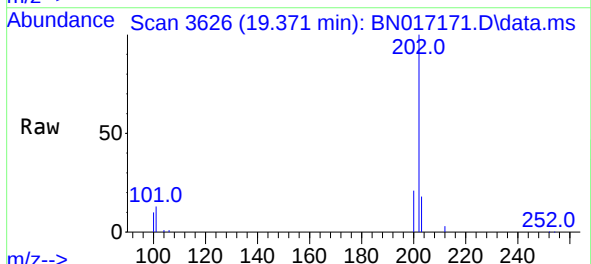
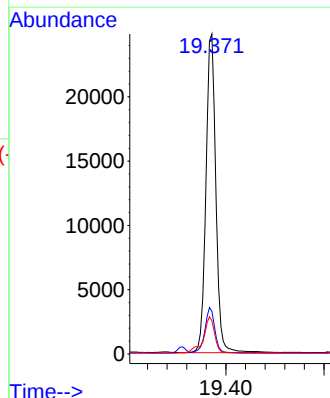
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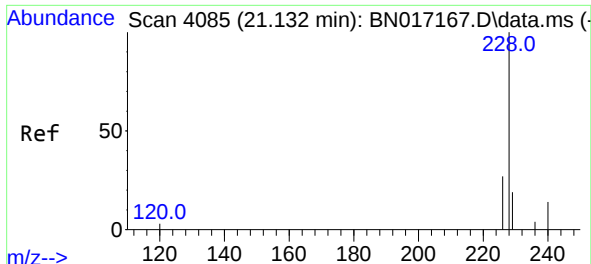
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#20
Pyrene
Concen: 0.354 ng/u1
RT: 19.371 min Scan# 3626
Delta R.T. -0.003 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:202 Resp: 34666
Ion Ratio Lower Upper
202 100
101 13.4 10.3 15.5
100 10.4 8.2 12.2





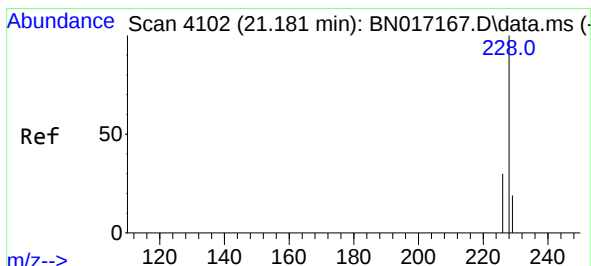
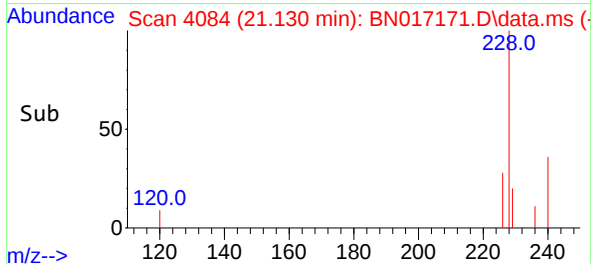
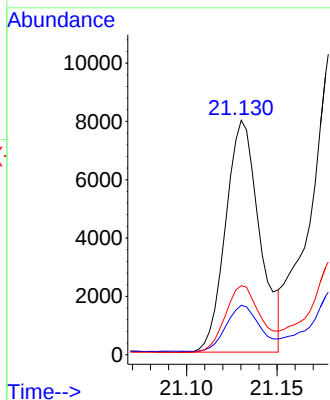
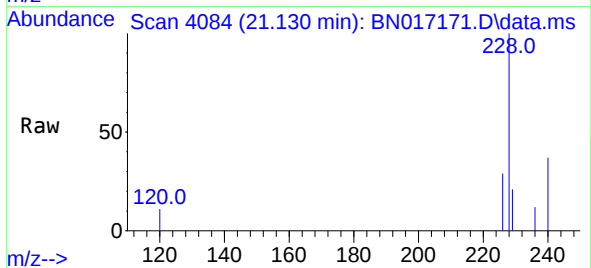
#21
Benzo(a)anthracene
Concen: 0.120 ng/ul
RT: 21.130 min Scan# 4084
Delta R.T. -0.004 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:228	Resp:	10440
Ion Ratio	Lower	Upper
228	100	
229	21.1	16.1 24.1
226	29.4	21.7 32.5

Instrument :
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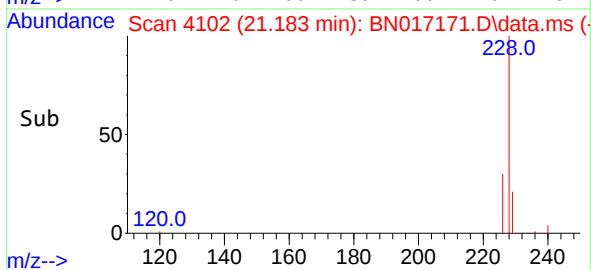
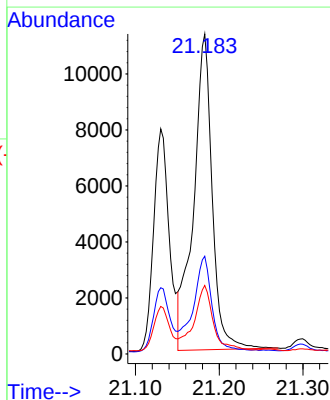
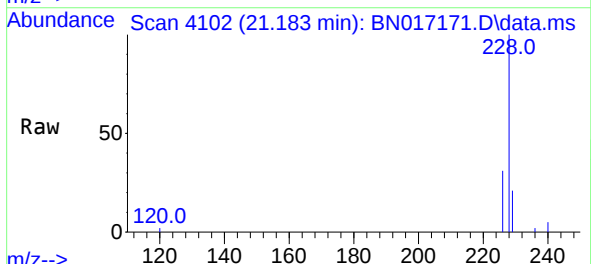
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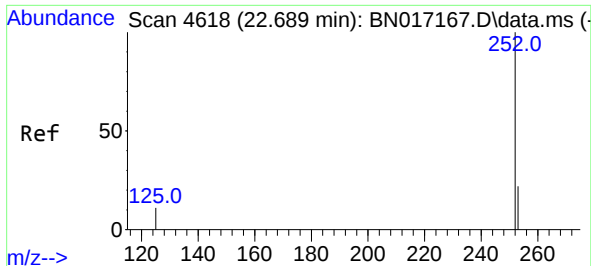
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#22
Chrysene
Concen: 0.176 ng/ul
RT: 21.183 min Scan# 4102
Delta R.T. -0.004 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:228	Resp:	17410
Ion Ratio	Lower	Upper
228	100	
226	30.6	24.1 36.1
229	21.4	15.4 23.2





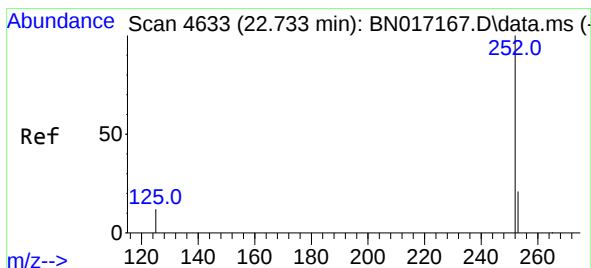
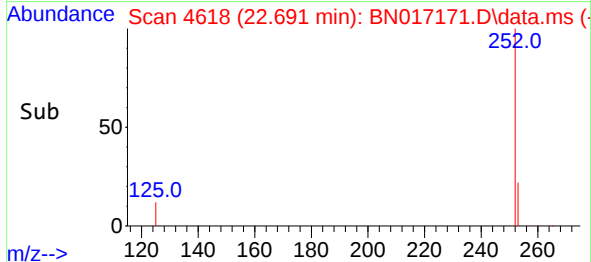
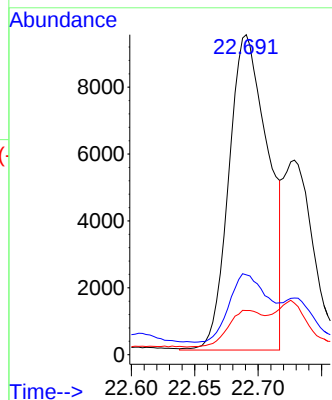
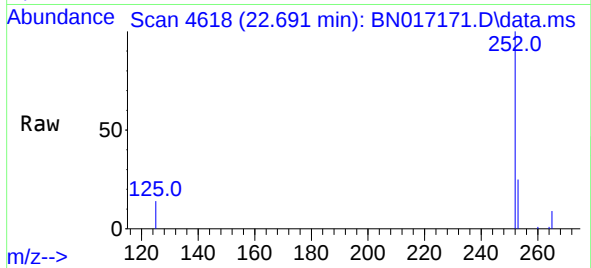
#24
Benzo(b)fluoranthene
Concen: 0.199 ng/ul m
RT: 22.691 min Scan# 4618
Delta R.T. -0.004 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:252 Resp: 20335
Ion Ratio Lower Upper
252 100
253 25.0 0.0 46.8
125 13.8 0.0 23.8

Instrument :
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ClientSampleId :
C0B12DL

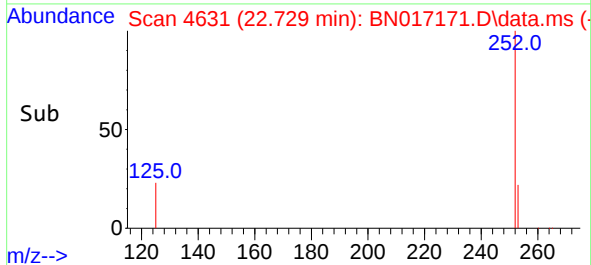
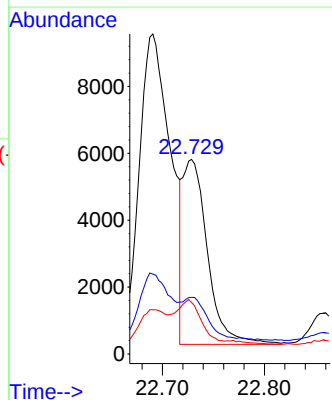
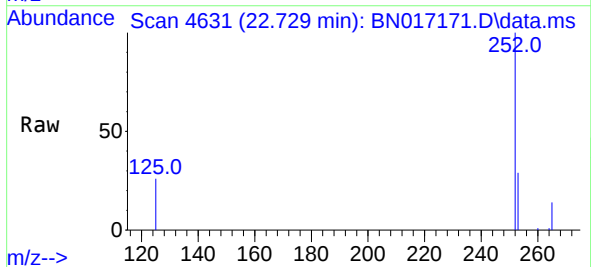
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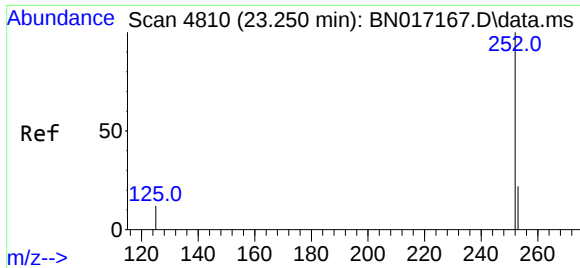
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#25
Benzo(k)fluoranthene
Concen: 0.080 ng/ul m
RT: 22.729 min Scan# 4631
Delta R.T. -0.010 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:252 Resp: 9314
Ion Ratio Lower Upper
252 100
253 29.1 18.3 27.5#
125 26.5 10.0 15.0#





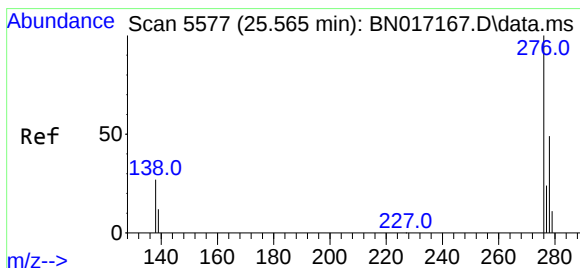
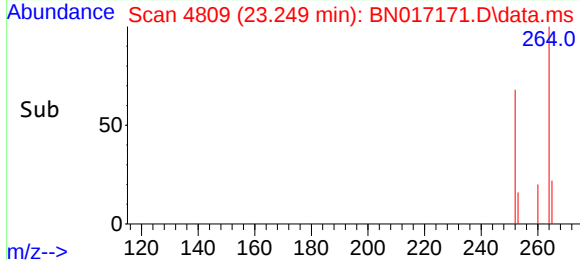
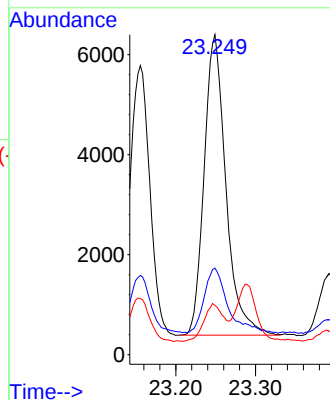
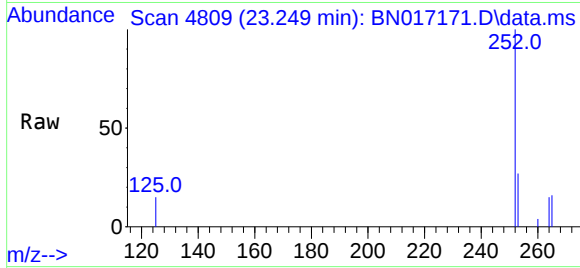
#26
Benzo(a)pyrene
Concen: 0.124 ng/ul
RT: 23.249 min Scan# 4809
Delta R.T. -0.007 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:	252	Resp:	11408
Ion Ratio	Lower	Upper	
252	100		
253	27.1	19.3	28.9
125	15.4	10.8	16.2

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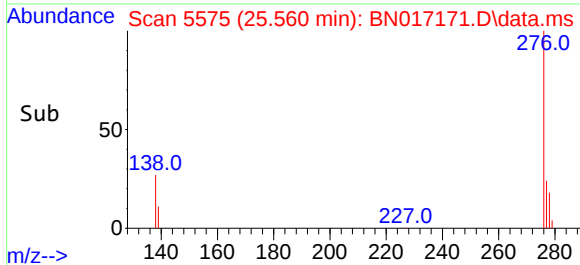
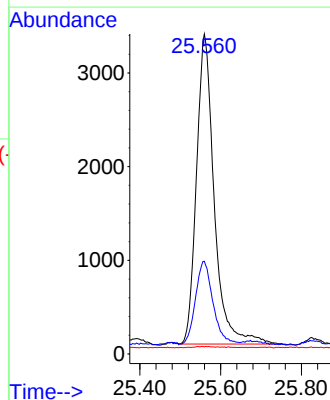
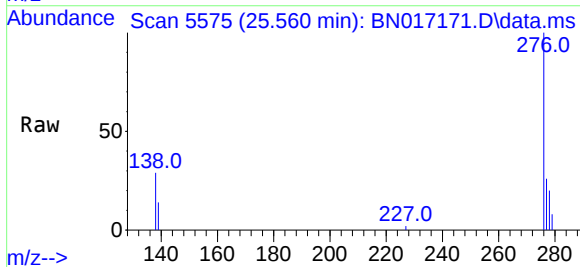
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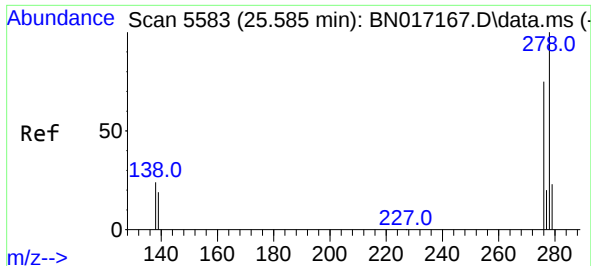
mohammad
10/29/2021 2:24:38 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.077 ng/ul
RT: 25.560 min Scan# 5575
Delta R.T. -0.012 min
Lab File: BN017171.D
Acq: 29 Oct 2021 01:03

Tgt Ion:	276	Resp:	10078
Ion Ratio	Lower	Upper	
276	100		
138	26.3	22.2	33.4
227	0.3	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.024 ng/ul

RT: 25.570 min Scan# 5578

Delta R.T. -0.022 min

Lab File: BN017171.D

Acq: 29 Oct 2021 01:03

Tgt Ion:	278	Resp:	2425
Ion Ratio	Lower	Upper	
278	100		
139	51.4	15.4	23.0#
279	39.3	19.5	29.3#

Instrument :

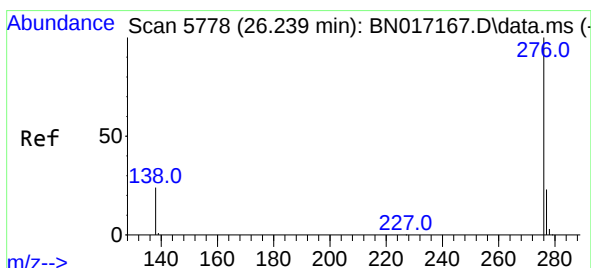
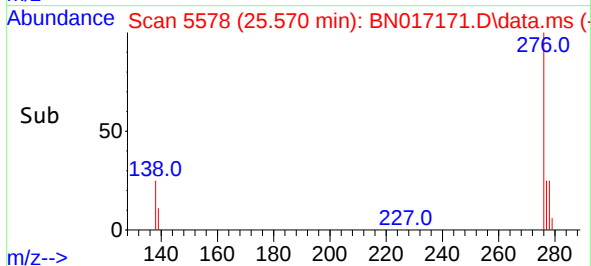
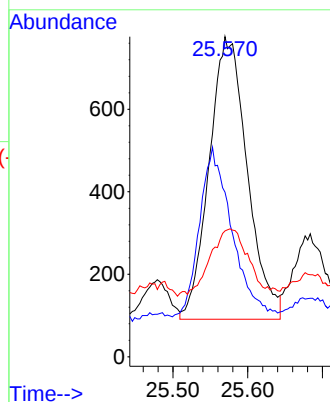
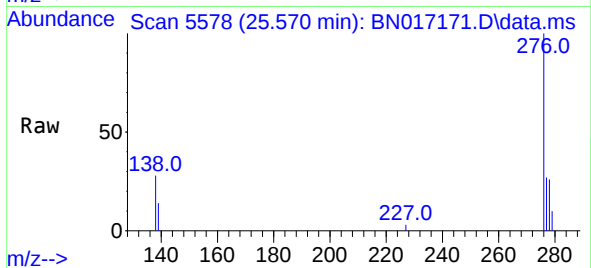
BNA_N

ClientSampleId :

C0B12DL

Manual Integrations
APPROVED

mohammad
10/29/2021 2:24:38 PM



#29

Benzo(g,h,i)perylene

Concen: 0.075 ng/ul

RT: 26.234 min Scan# 5776

Delta R.T. -0.012 min

Lab File: BN017171.D

Acq: 29 Oct 2021 01:03

Tgt Ion:	276	Resp:	8320
Ion Ratio	Lower	Upper	
276	100		
138	26.9	19.2	28.8
277	26.2	19.0	28.6

