

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111321\
 Data File : BN017437.D
 Acq On : 14 Nov 2021 20:11
 Operator : CG/JU
 Sample : M4522-13
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BG326

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/15/2021
 Supervised By :mohammad ahmed 11/17/2021

Quant Time: Nov 15 05:03:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 02:31:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	8539	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.662	136	31395	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.498	164	19097	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.239	188	38339	0.400	ng/ul	-0.01
17) Chrysene-d12	21.427	240	26471	0.400	ng/ul	#-0.01
23) Perylene-d12	23.800	264	23343	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	40925	4.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.251	152	16572	0.342	ng/ul	-0.01
18) Fluoranthene-d10	19.268	212	44707	0.470	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.711	128	3750	0.043	ng/ul	96
11) Acenaphthene	14.558	153	39076	0.596	ng/ul	98
12) Fluorene	15.544	166	2830	0.036	ng/ul#	95
19) Fluoranthene	19.300	202	58311	0.475	ng/ul	99
20) Pyrene	19.663	202	38255m	0.305	ng/ul	
21) Benzo(a)anthracene	21.409	228	5857	0.059	ng/ul	95
22) Chrysene	21.462	228	5699m	0.058	ng/ul	
24) Benzo(b)fluoranthene	23.081	252	1964m	0.021	ng/ul	

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

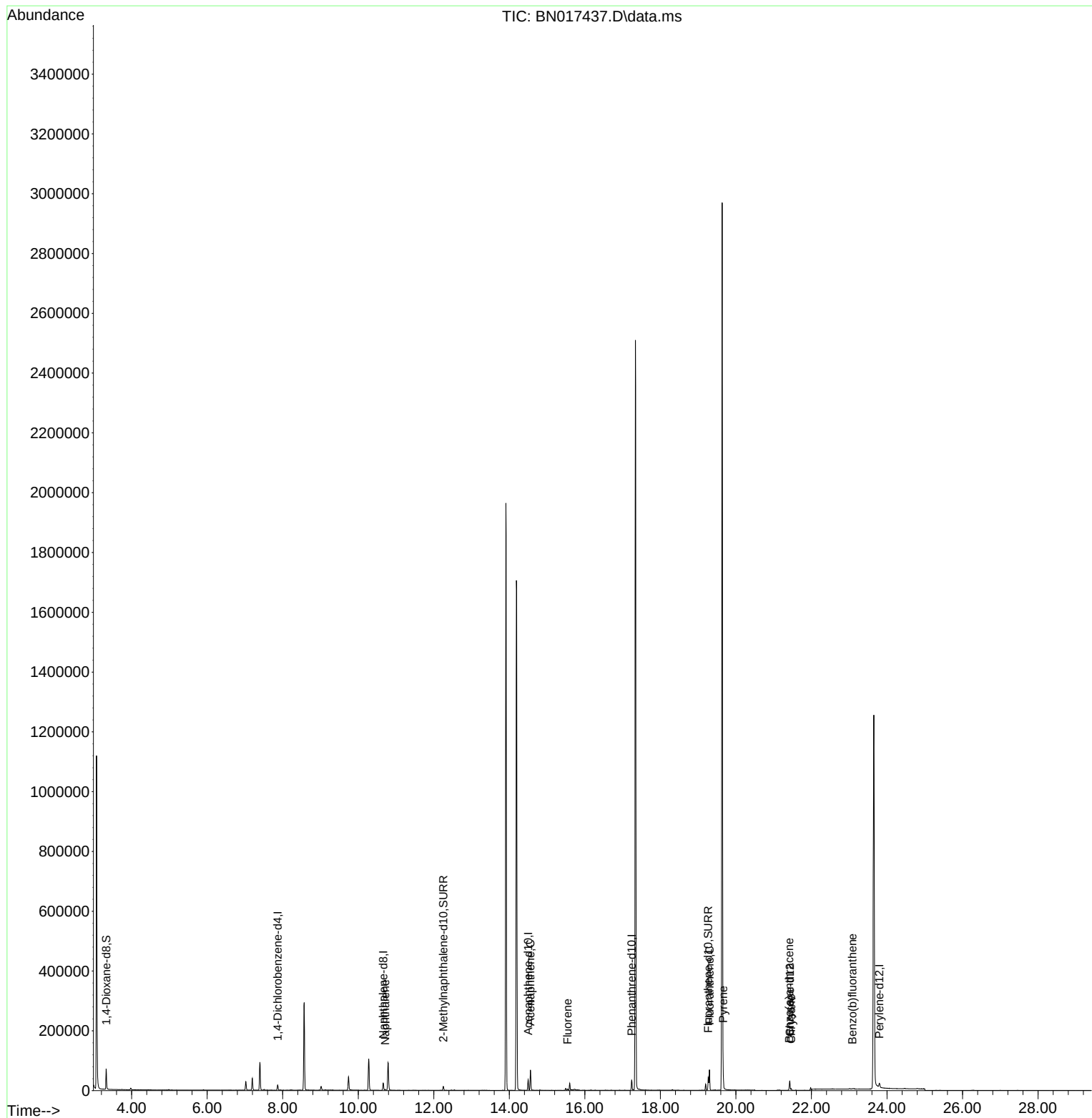
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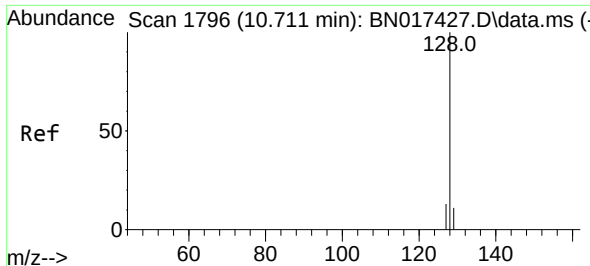
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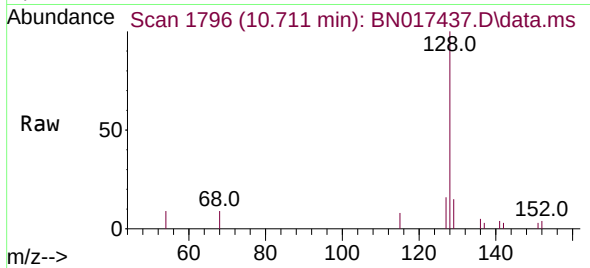
Quant Time: Nov 15 05:03:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 02:31:43 2021
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#5
Naphthalene
Concen: 0.043 ng/u1
RT: 10.711 min Scan# 1796
Delta R.T. -0.012 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11

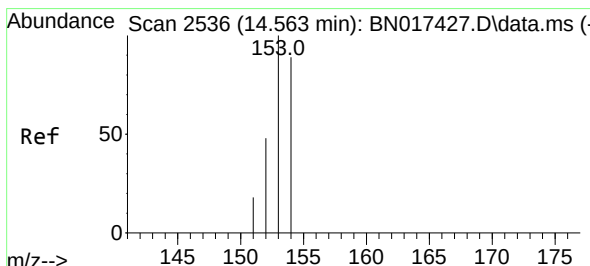
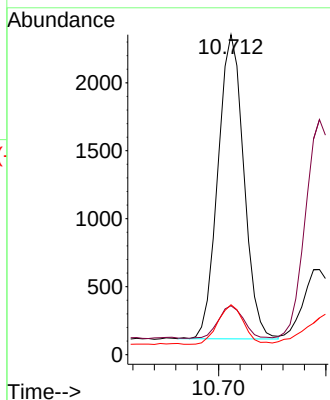
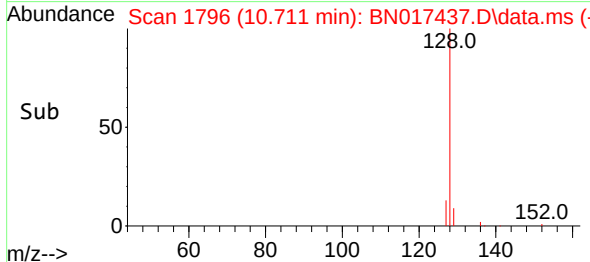
Instrument :
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Tgt Ion:128 Resp: 3750
Ion Ratio Lower Upper
128 100
129 15.3 10.4 15.6
127 15.6 11.8 17.6

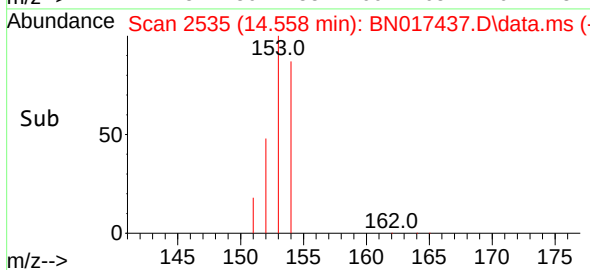
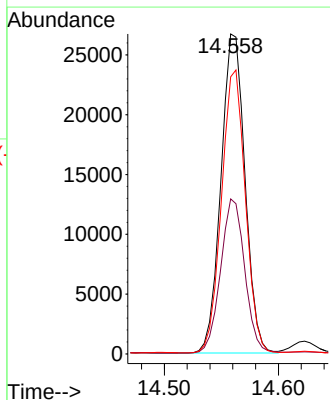
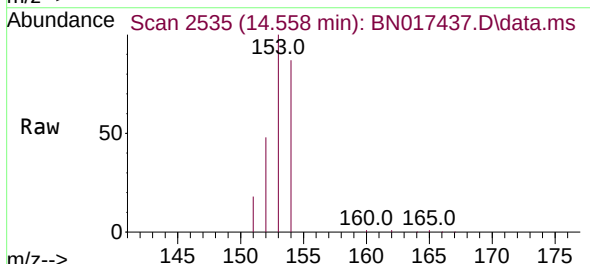
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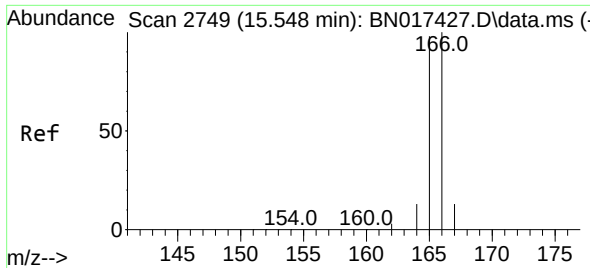
Reviewed By :Jagrut Upadhyay 11/15/2021
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#11
Acenaphthene
Concen: 0.596 ng/u1
RT: 14.558 min Scan# 2535
Delta R.T. -0.015 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11

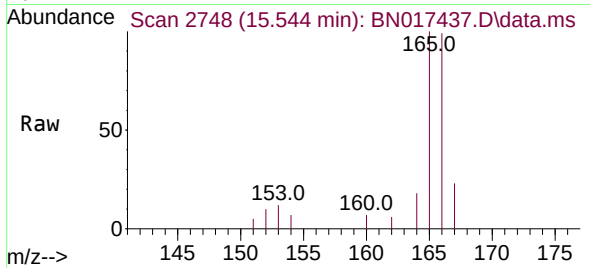
Tgt Ion:153 Resp: 39076
Ion Ratio Lower Upper
153 100
152 48.5 38.3 57.5
154 86.6 71.1 106.7





#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.544 min Scan# 2749
Delta R.T. -0.015 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11

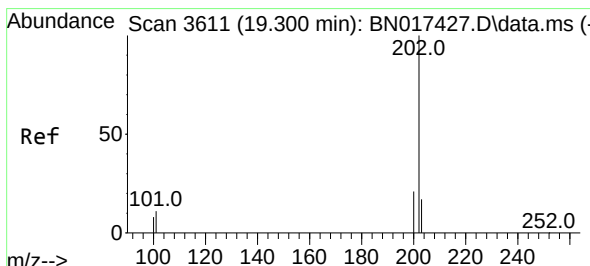
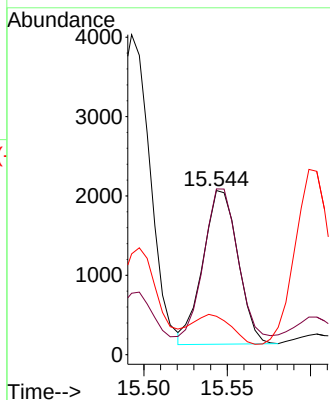
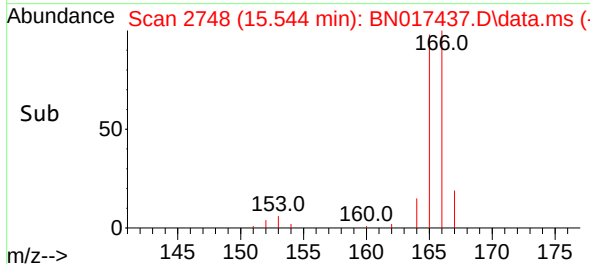
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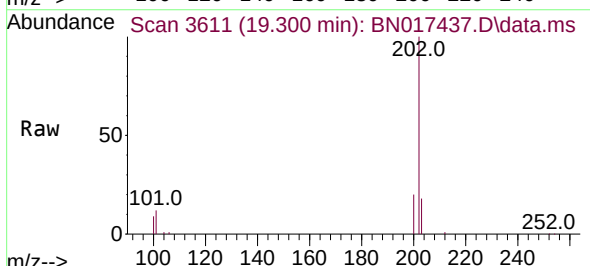
Tgt Ion:166 Resp: 2830
Ion Ratio Lower Upper
166 100
165 100.9 79.2 118.8
167 23.4 11.2 16.8

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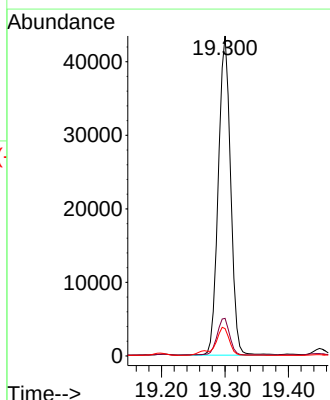
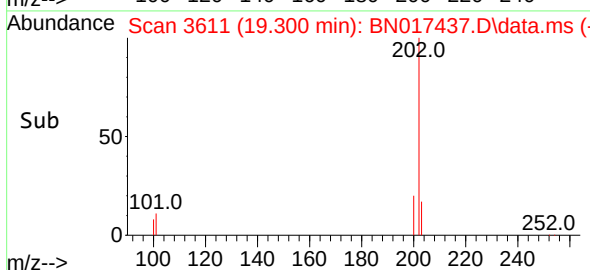
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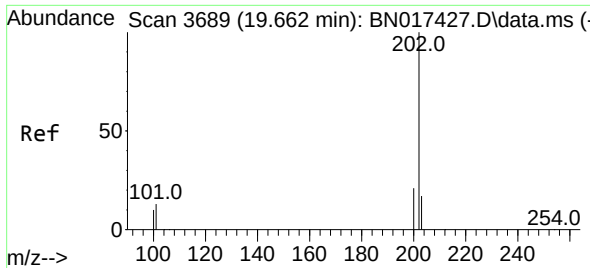


#19
Fluoranthene
Concen: 0.475 ng/ul
RT: 19.300 min Scan# 3611
Delta R.T. -0.015 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11



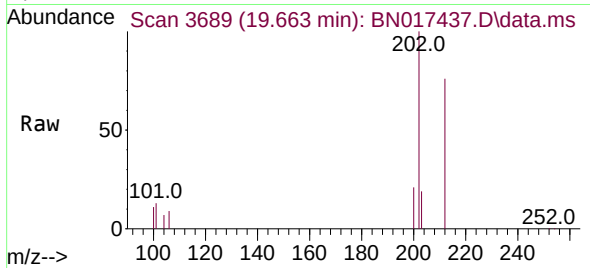
Tgt Ion:202 Resp: 58311
Ion Ratio Lower Upper
202 100
101 11.7 9.0 13.4
100 8.5 6.8 10.2





#20
Pyrene
Concen: 0.305 ng/ul m
RT: 19.663 min Scan# 3689
Delta R.T. -0.010 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11

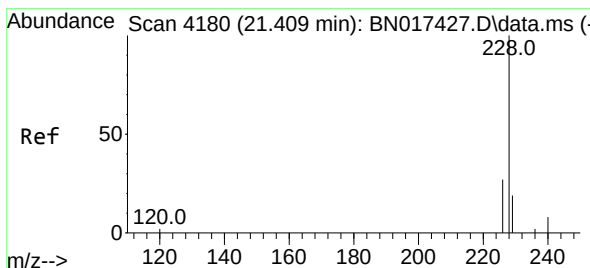
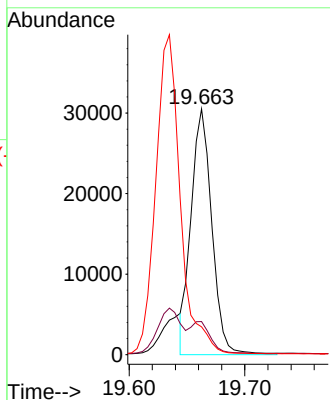
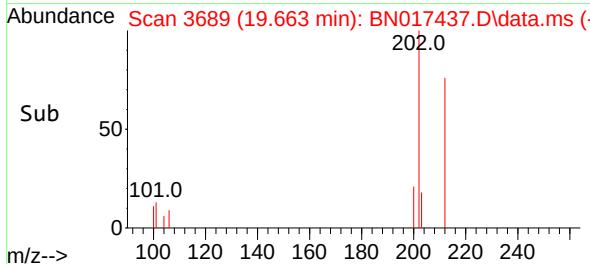
Instrument :
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ClientSampleId :
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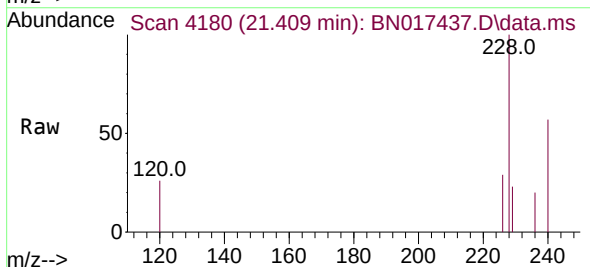
Tgt Ion:202 Resp: 3825
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.2
100 11.4 9.4 14.0

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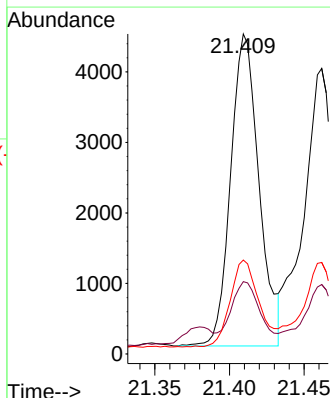
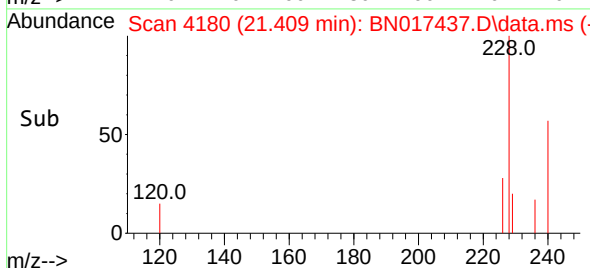
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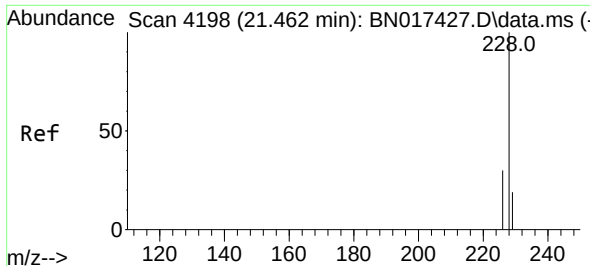


#21
Benzo(a)anthracene
Concen: 0.059 ng/ul
RT: 21.409 min Scan# 4180
Delta R.T. -0.016 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11



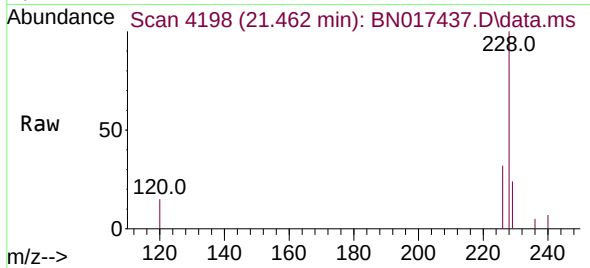
Tgt Ion:228 Resp: 5857
Ion Ratio Lower Upper
228 100
229 22.6 15.8 23.6
226 29.4 21.8 32.8





#22
Chrysene
Concen: 0.058 ng/ul m
RT: 21.462 min Scan# 4198
Delta R.T. -0.016 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11

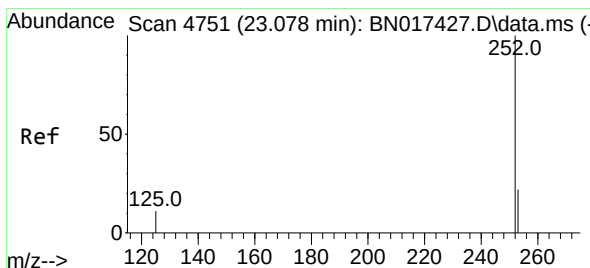
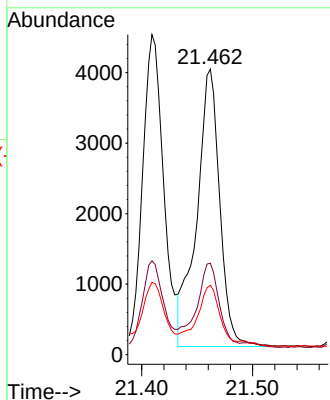
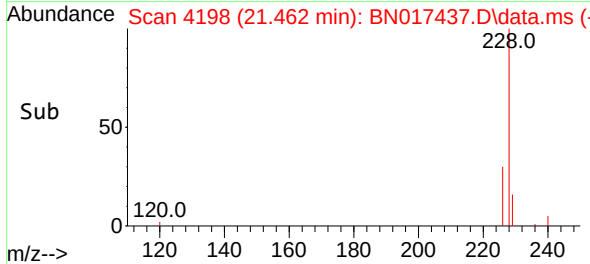
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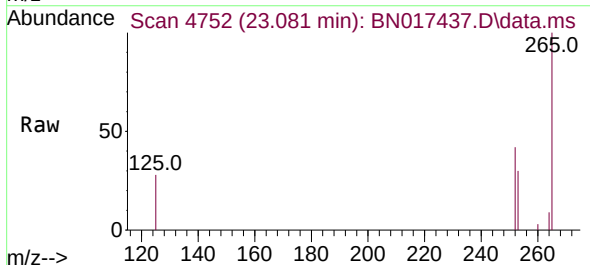
Tgt Ion:228 Resp: 5699
Ion Ratio Lower Upper
228 100
226 32.0 23.9 35.9
229 24.3 15.7 23.5

Manual Integrations
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#24
Benzo(b)fluoranthene
Concen: 0.021 ng/ul m
RT: 23.081 min Scan# 4752
Delta R.T. -0.019 min
Lab File: BN017437.D
Acq: 14 Nov 2021 20:11



Tgt Ion:252 Resp: 1964
Ion Ratio Lower Upper
252 100
253 70.4 0.0 57.6#
125 65.7 0.0 39.0#

