

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023434.D
 Acq On : 25 Dec 2022 05:47
 Operator : CG/JU
 Sample : N6017-05
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYF2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:21:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	7259	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	23788	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14433	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	31537	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.572	240	19425	0.400	ng/ul	# 0.00
23) Perylene-d12	24.022	264	14500	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	25332	3.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	8640	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.414	212	18565	0.264	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.427	178	6977	0.068	ng/ul#	1
19) Fluoranthene	19.442	202	15946	0.169	ng/ul#	78
20) Pyrene	19.809	202	12492m	0.132	ng/ul	
21) Benzo(a)anthracene	21.554	228	6769	0.090	ng/ul#	80
22) Chrysene	21.610	228	8091	0.105	ng/ul#	72
24) Benzo(b)fluoranthene	23.270	252	11492m	0.153	ng/ul	
25) Benzo(k)fluoranthene	23.314	252	3668m	0.052	ng/ul	
26) Benzo(a)pyrene	23.910	252	6939	0.117	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	26.574	276	6013	0.087	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.587	278	1509	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.368	276	6057	0.107	ng/ul#	66

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

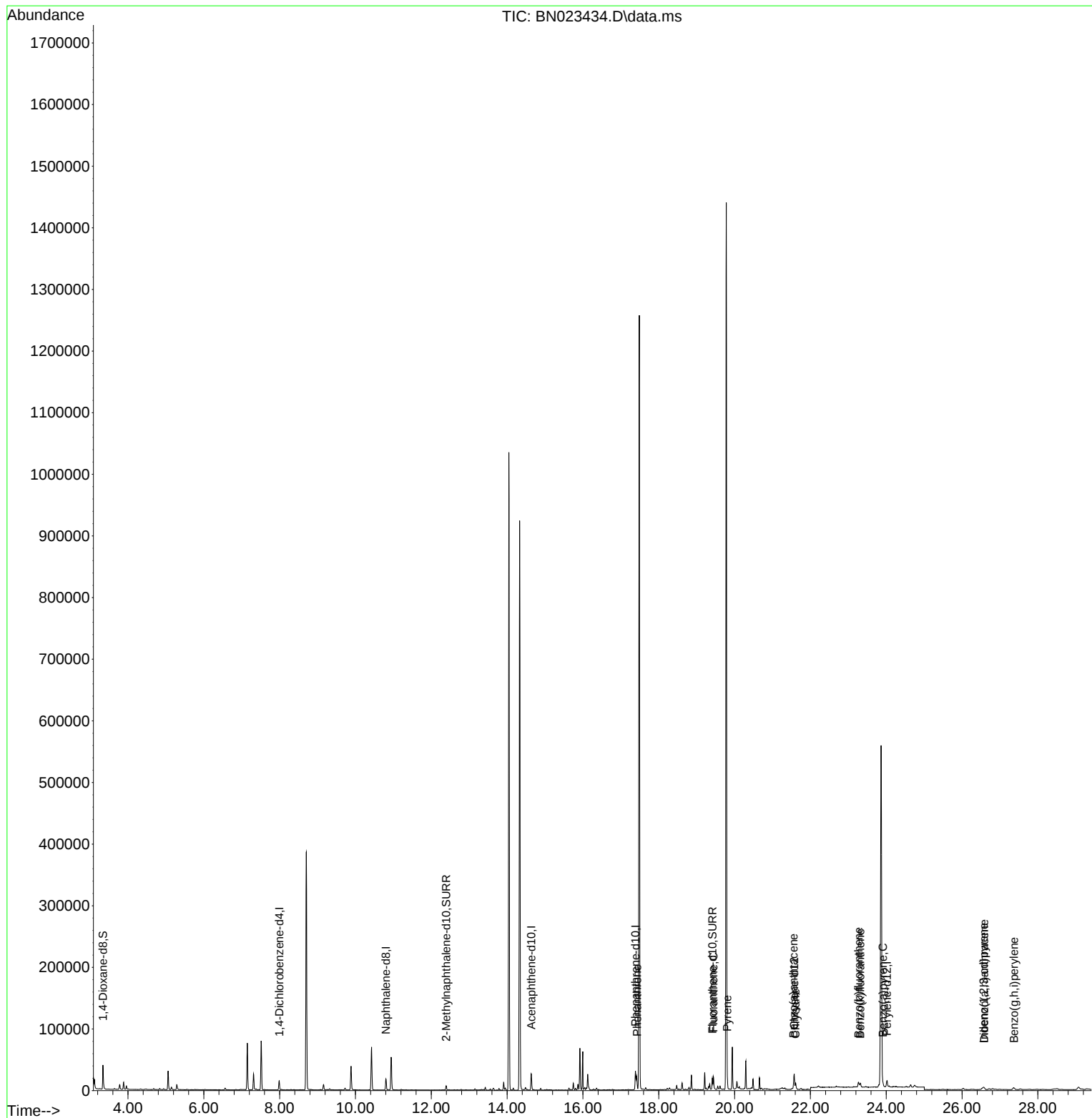
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023434.D
Acq On : 25 Dec 2022 05:47
Operator : CG/JU
Sample : N6017-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

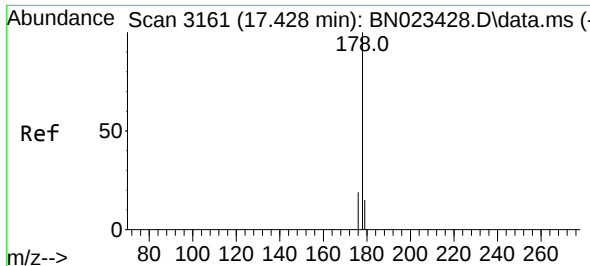
Instrument :
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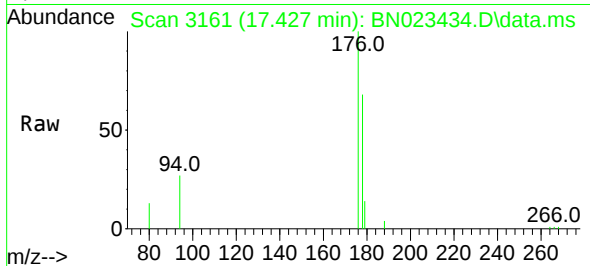
Quant Time: Dec 26 01:21:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#15
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.001 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

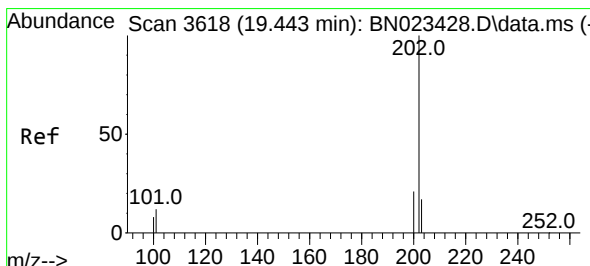
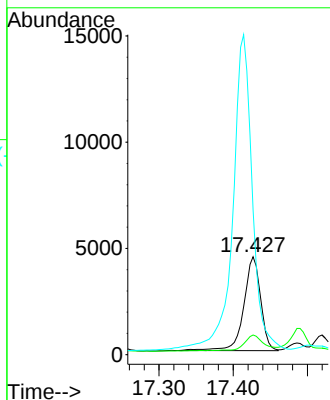
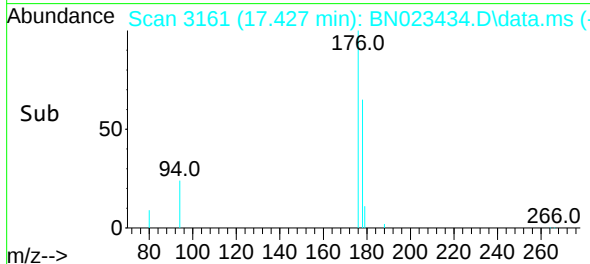
Instrument :
BNA_N
ClientSampleId :
DBYF2



Tgt Ion:178 Resp: 6977
Ion Ratio Lower Upper
178 100
179 20.0 12.5 18.7#
176 147.9 15.7 23.5#

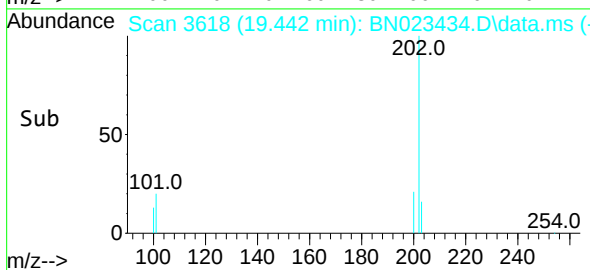
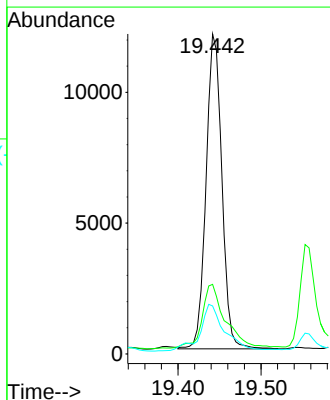
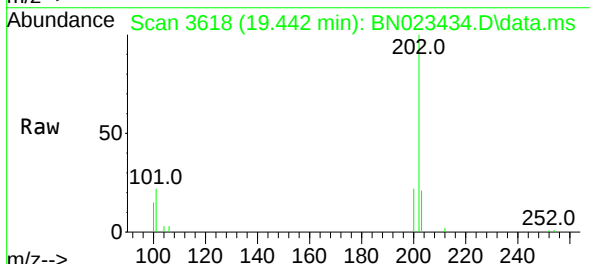
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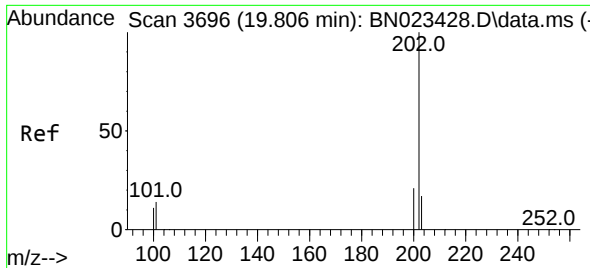
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#19
Fluoranthene
Concen: 0.169 ng/ul
RT: 19.442 min Scan# 3618
Delta R.T. -0.002 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

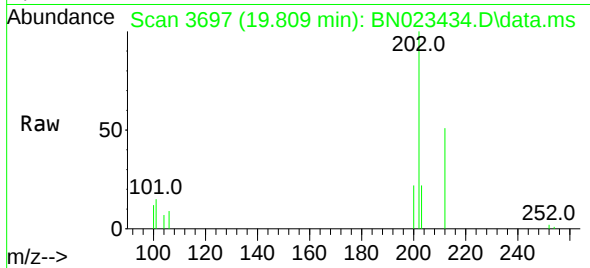
Tgt Ion:202 Resp: 15946
Ion Ratio Lower Upper
202 100
101 21.7 9.4 14.2#
100 15.0 7.0 10.6#





#20
Pyrene
Concen: 0.132 ng/ul m
RT: 19.809 min Scan# 3696
Delta R.T. 0.003 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

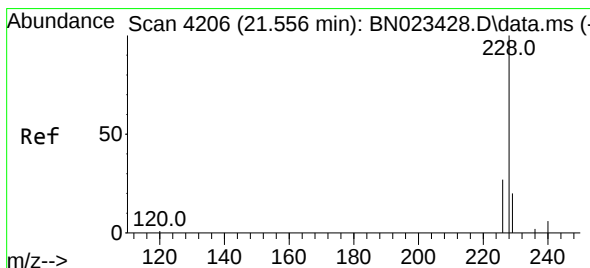
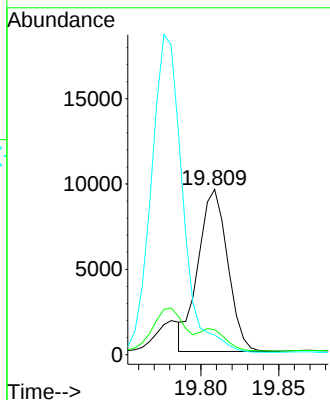
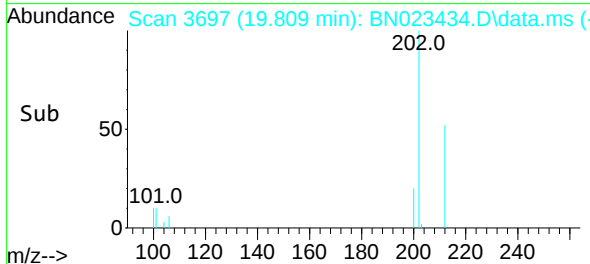
Instrument :
BNA_N
ClientSampleId :
DBYF2



Tgt Ion:202 Resp: 12492
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 11.8 9.0 13.4

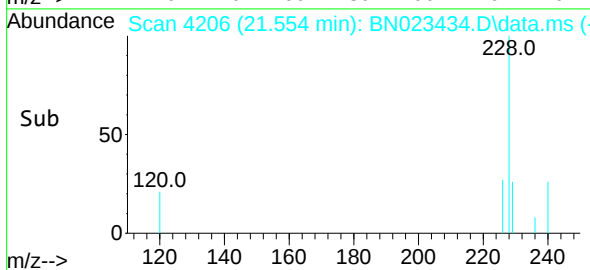
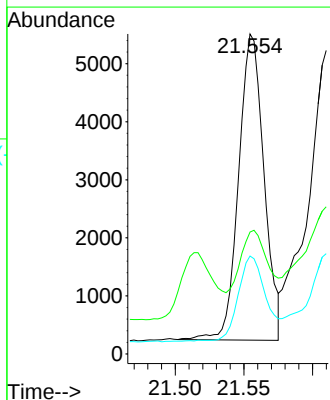
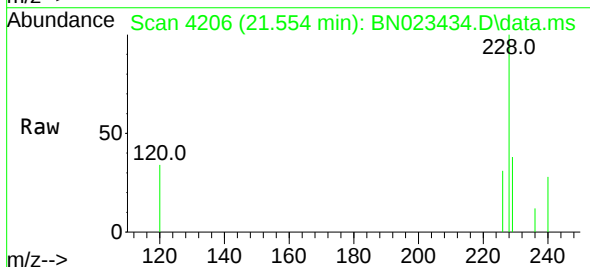
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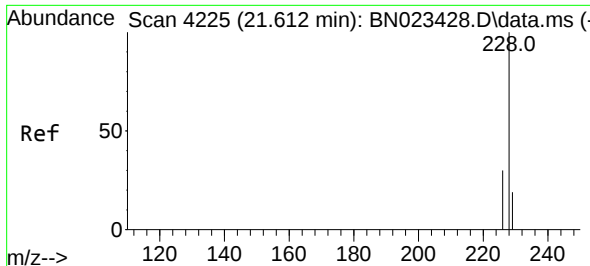
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#21
Benzo(a)anthracene
Concen: 0.090 ng/ul
RT: 21.554 min Scan# 4206
Delta R.T. -0.002 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

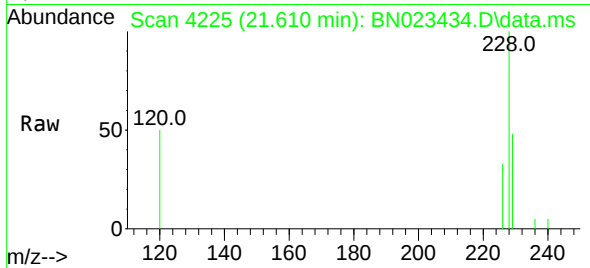
Tgt Ion:228 Resp: 6769
Ion Ratio Lower Upper
228 100
229 38.1 15.6 23.4#
226 30.6 22.2 33.2





#22
Chrysene
Concen: 0.105 ng/ul
RT: 21.610 min Scan# 4225
Delta R.T. -0.002 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

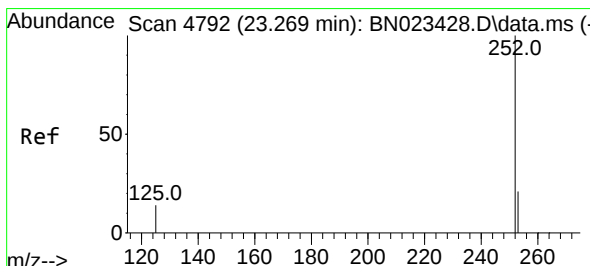
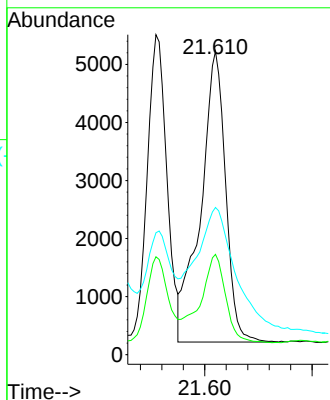
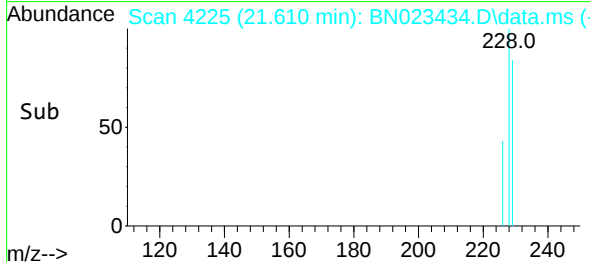
Instrument :
BNA_N
ClientSampleId :
DBYF2



Tgt Ion:228 Resp: 809
Ion Ratio Lower Upper
228 100
226 33.0 24.3 36.5
229 48.5 15.8 23.6

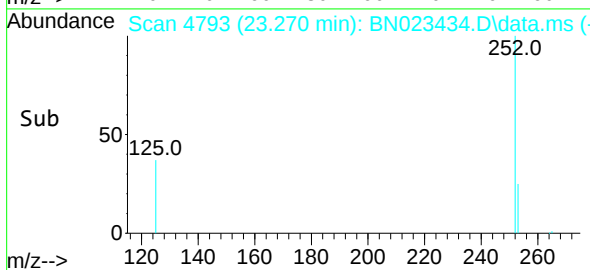
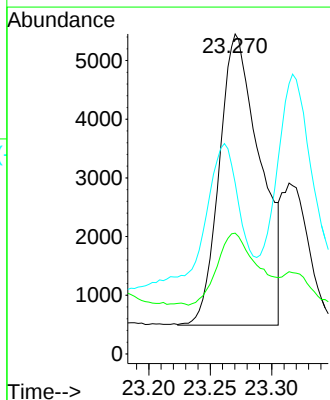
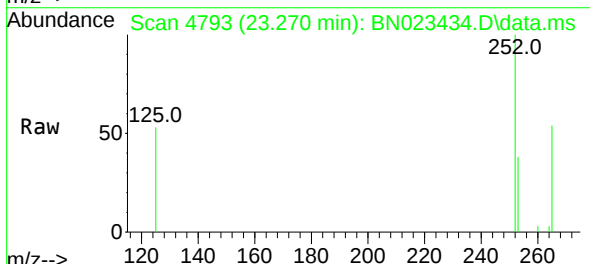
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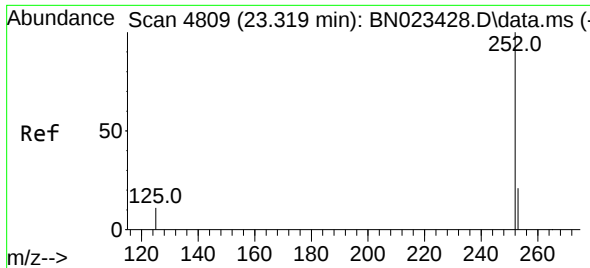
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#24
Benzo(b)fluoranthene
Concen: 0.153 ng/ul m
RT: 23.270 min Scan# 4793
Delta R.T. 0.001 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

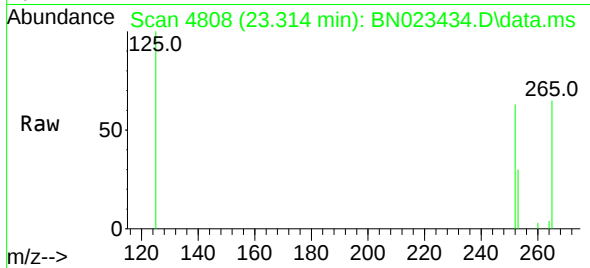
Tgt Ion:252 Resp: 11492
Ion Ratio Lower Upper
252 100
253 37.7 0.0 49.2
125 53.4 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.052 ng/ul m
RT: 23.314 min Scan# 4809
Delta R.T. -0.005 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

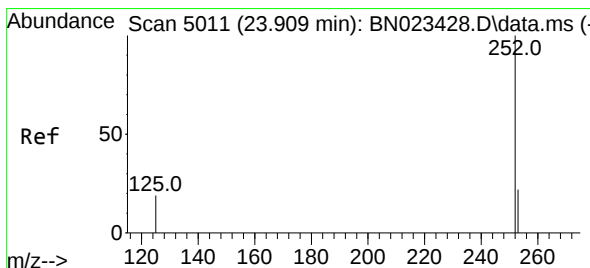
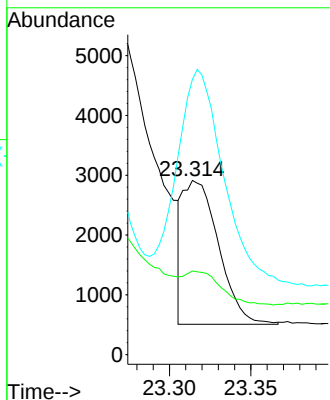
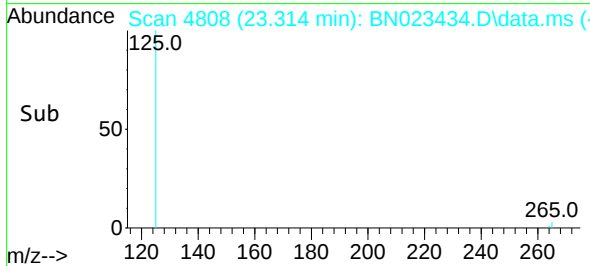
Instrument :
BNA_N
ClientSampleId :
DBYF2



Tgt Ion:252 Resp: 3668
Ion Ratio Lower Upper
252 100
253 48.1 19.8 29.6#
125 158.1 12.6 18.8#

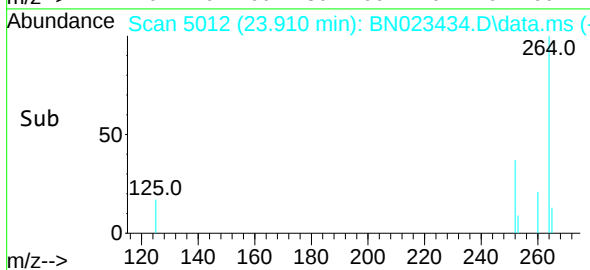
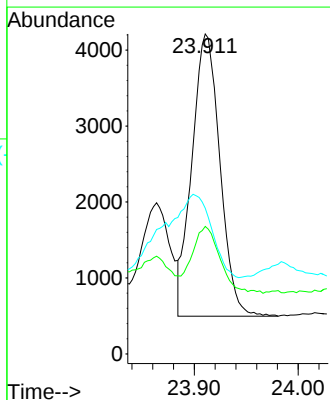
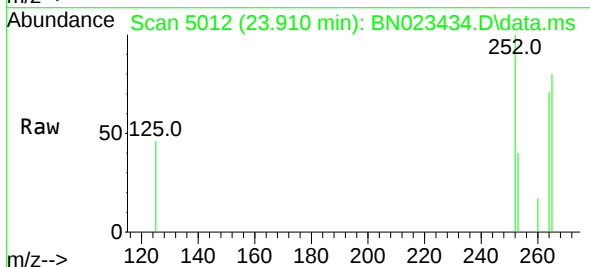
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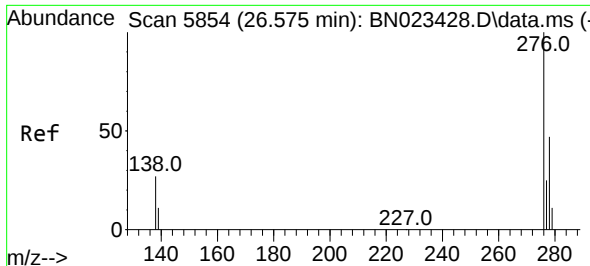
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.910 min Scan# 5012
Delta R.T. 0.001 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

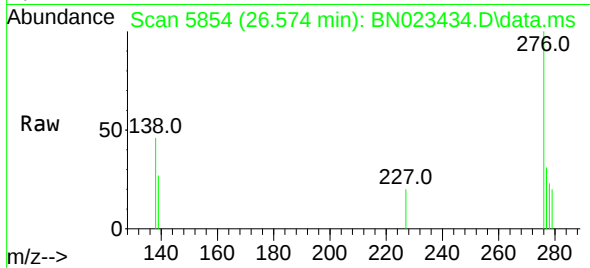
Tgt Ion:252 Resp: 6939
Ion Ratio Lower Upper
252 100
253 39.8 21.4 32.2#
125 45.6 16.2 24.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.087 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.002 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47

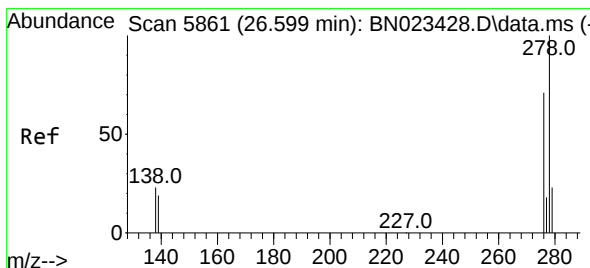
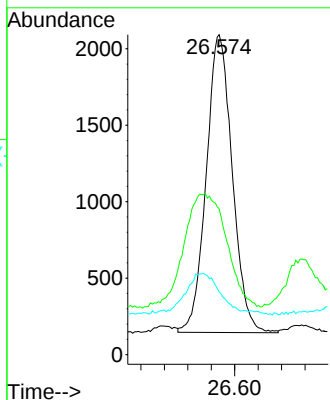
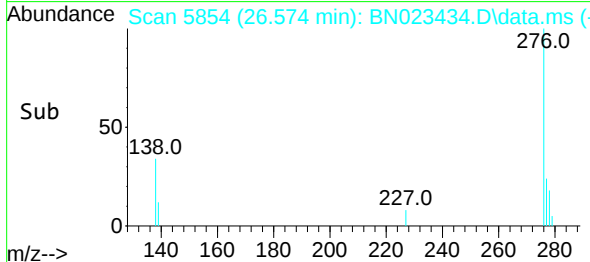
Instrument :
BNA_N
ClientSampleId :
DBYF2



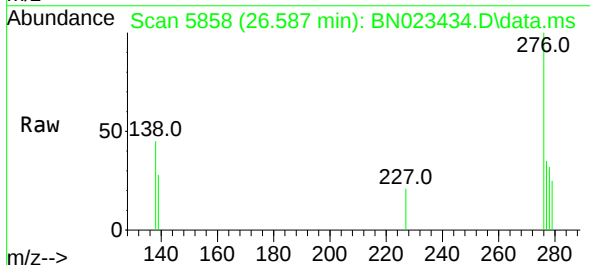
Tgt Ion:276 Resp: 601
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0

Manual Integrations
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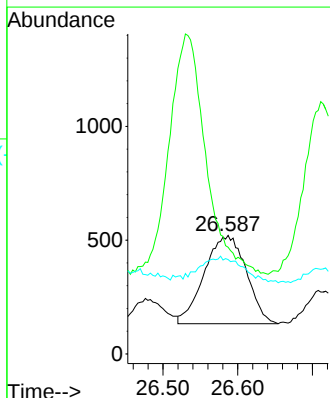
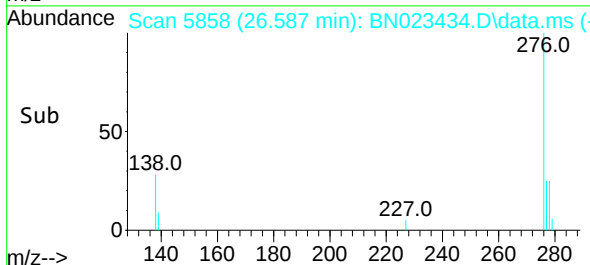
Reviewed By :Yogesh Patel 12/26/2022
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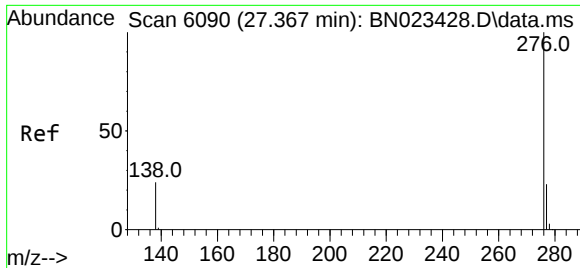


#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. -0.012 min
Lab File: BN023434.D
Acq: 25 Dec 2022 05:47



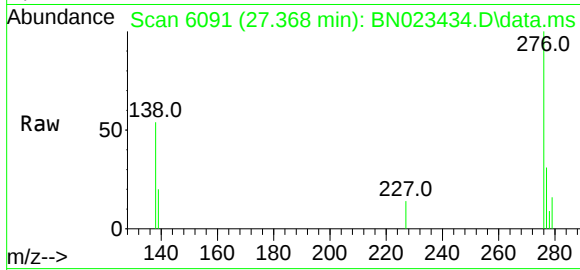
Tgt Ion:278 Resp: 1509
Ion Ratio Lower Upper
278 100
139 90.0 16.6 24.8#
279 79.7 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.107 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. 0.002 min
 Lab File: BN023434.D
 Acq: 25 Dec 2022 05:47

Instrument :
 BNA_N
 ClientSampleId :
 DBYF2



Tgt Ion: 276 Resp: 605

Ion	Ratio	Lower	Upper
276	100		
138	53.7	20.3	30.5
277	30.7	19.7	29.5

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