

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023440.D
 Acq On : 25 Dec 2022 09:22
 Operator : CG/JU
 Sample : N6017-13
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYF9

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 01:22:37 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	7.985	152	7017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	22808	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13603	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	30946	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	22287	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	16610	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	27624	3.623	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	9551	0.271	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	23135	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	3148	0.047	ng/ul#	92
7) 2-Methylnaphthalene	12.465	142	933	0.022	ng/ul	98
10) Acenaphthylene	14.358	152	2180	0.036	ng/ul#	88
15) Phenanthrene	17.428	178	12833	0.127	ng/ul#	89
16) Anthracene	17.517	178	2377	0.028	ng/ul#	77
19) Fluoranthene	19.443	202	36270	0.335	ng/ul#	92
20) Pyrene	19.811	202	27317m	0.251	ng/ul	
21) Benzo(a)anthracene	21.557	228	16970	0.196	ng/ul	95
22) Chrysene	21.610	228	19719	0.223	ng/ul#	94
24) Benzo(b)fluoranthene	23.273	252	28899m	0.336	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	9188m	0.114	ng/ul	
26) Benzo(a)pyrene	23.913	252	17424	0.256	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.574	276	14315	0.180	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.590	278	3599	0.058	ng/ul#	40
29) Benzo(g,h,i)perylene	27.365	276	14472	0.224	ng/ul#	82

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

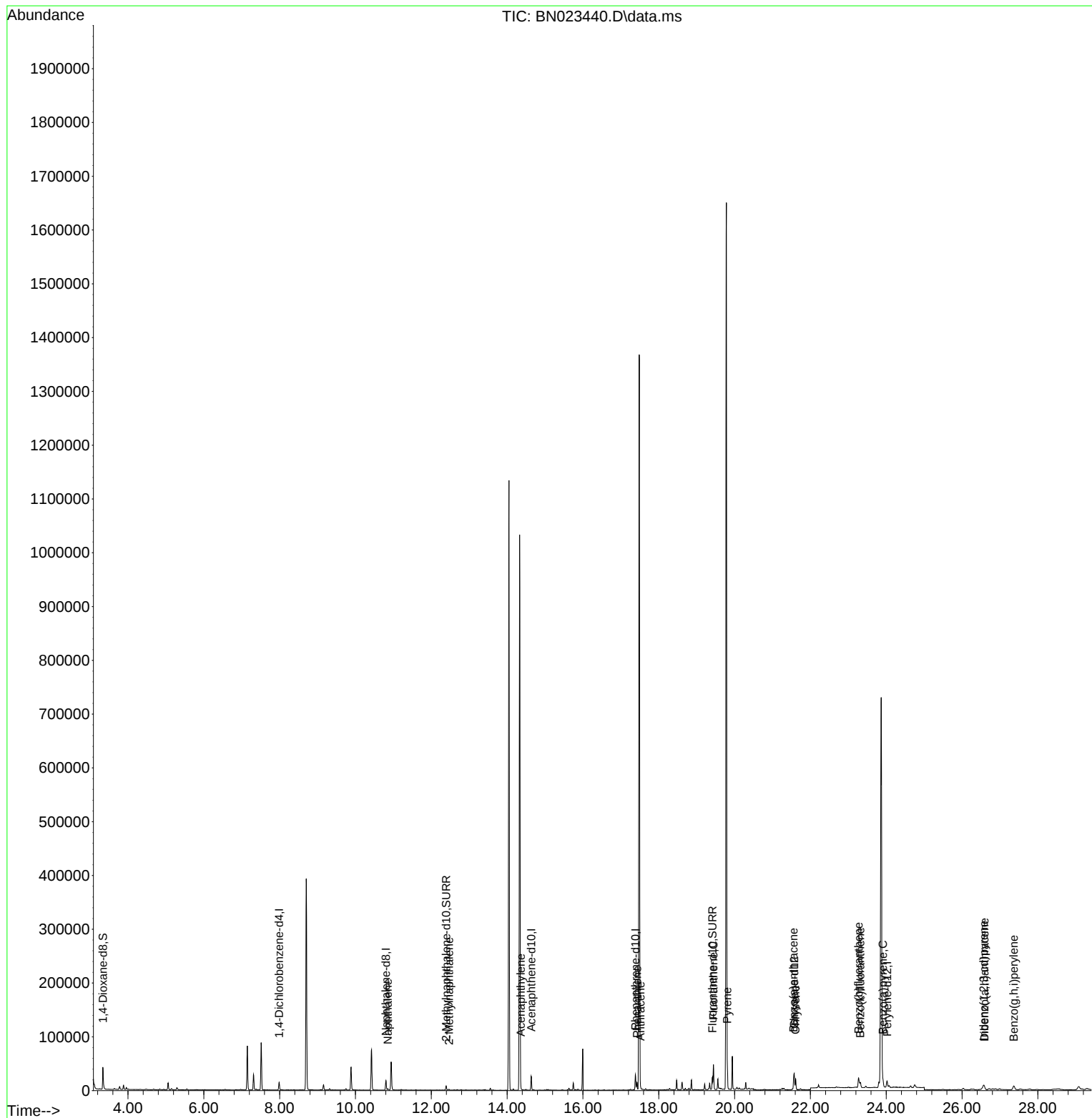
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023440.D
Acq On : 25 Dec 2022 09:22
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Sample : N6017-13
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ALS Vial : 68 Sample Multiplier: 1

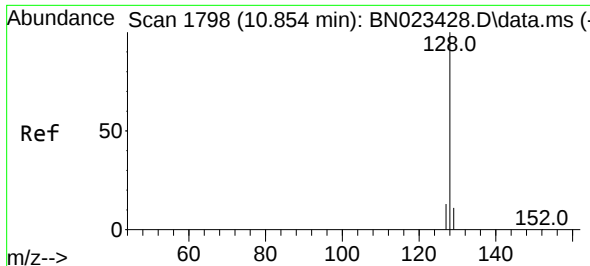
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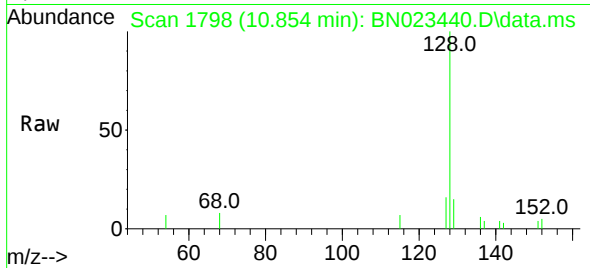
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
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#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.854 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

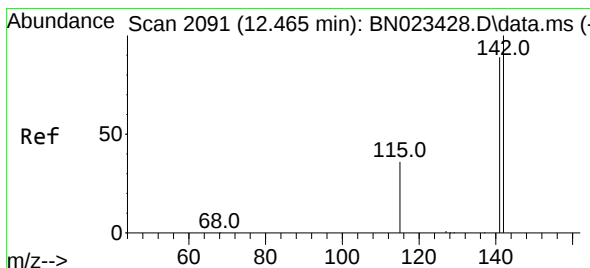
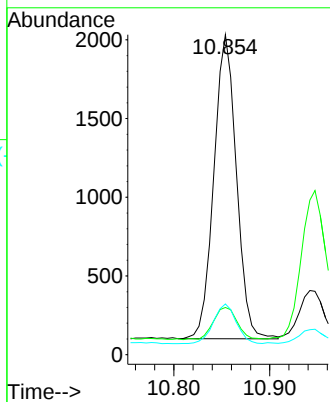
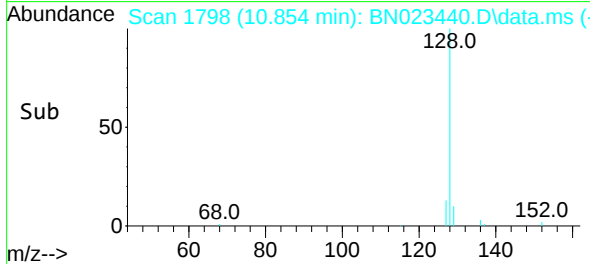
Instrument :
BNA_N
ClientSampleId :
DBYF9



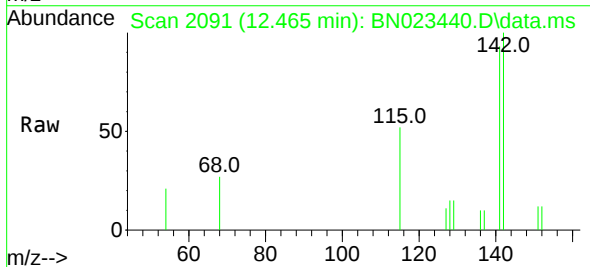
Tgt Ion:128 Resp: 314
Ion Ratio Lower Upper
128 100
129 14.8 9.0 13.4
127 15.8 10.7 16.1

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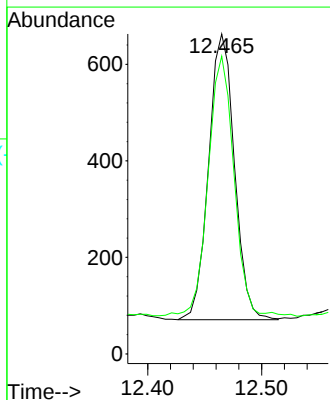
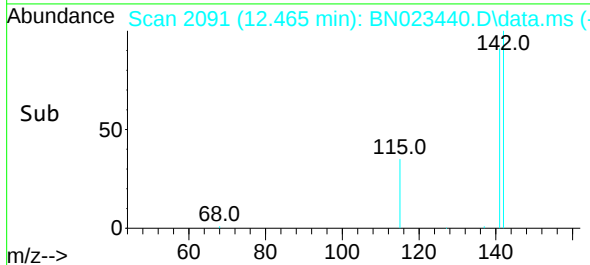
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

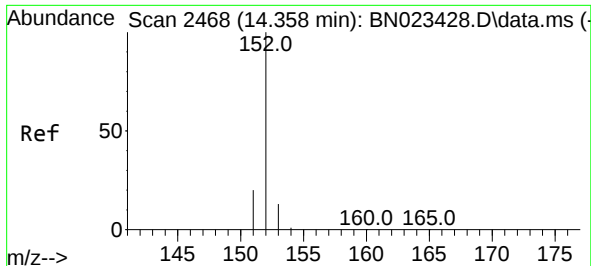


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22



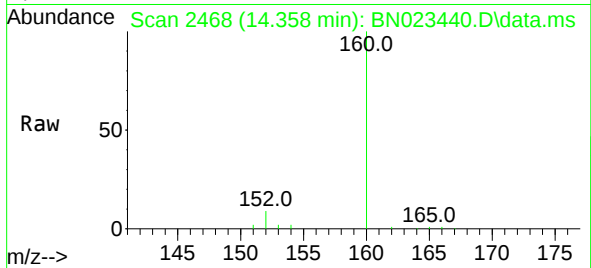
Tgt Ion:142 Resp: 933
Ion Ratio Lower Upper
142 100
141 91.1 71.4 107.2





#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

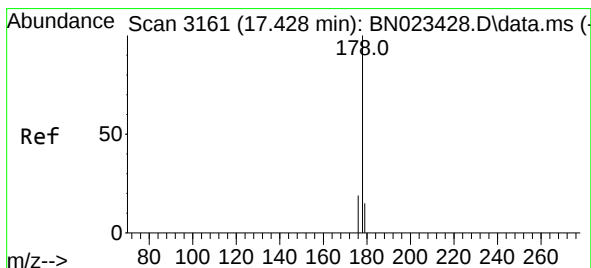
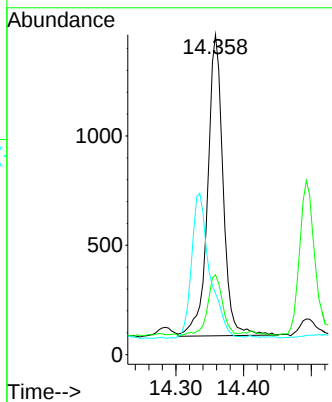
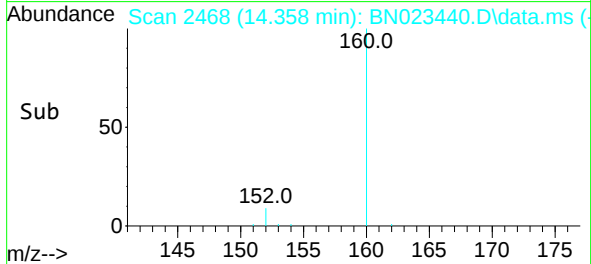
Instrument :
BNA_N
ClientSampleId :
DBYF9



Tgt Ion:152 Resp: 2180
Ion Ratio Lower Upper
152 100
151 24.9 16.1 24.1
153 19.1 10.9 16.3

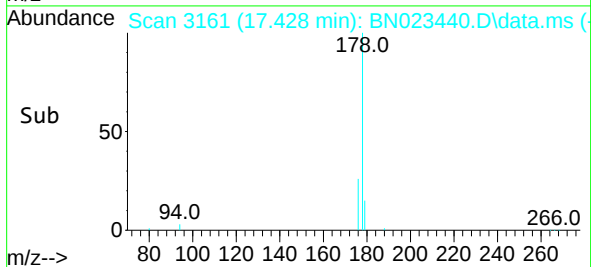
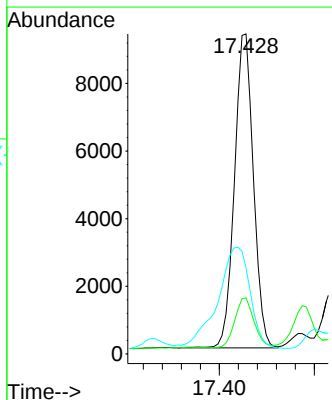
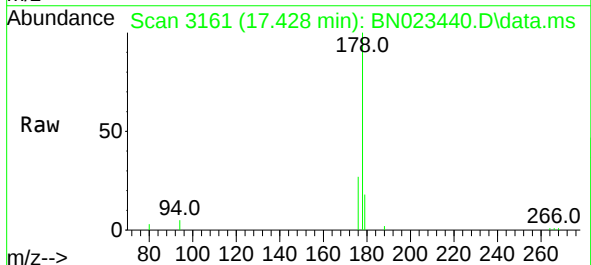
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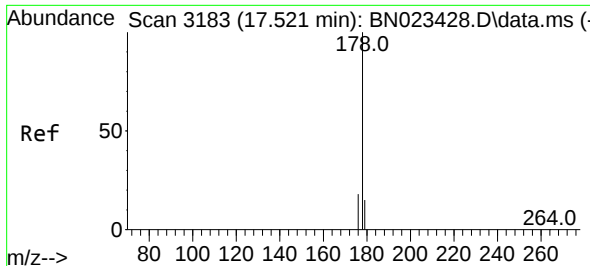
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#15
Phenanthrene
Concen: 0.127 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

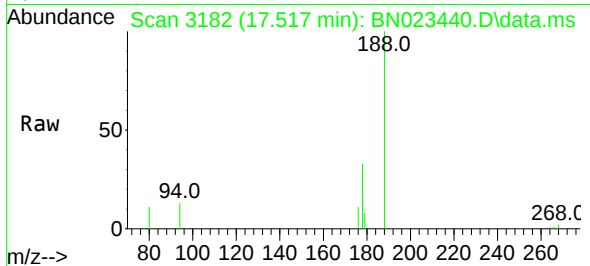
Tgt Ion:178 Resp: 12833
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 26.9 15.7 23.5





#16
 Anthracene
 Concen: 0.028 ng/ul
 RT: 17.517 min Scan# 3182
 Delta R.T. -0.004 min
 Lab File: BN023440.D
 Acq: 25 Dec 2022 09:22

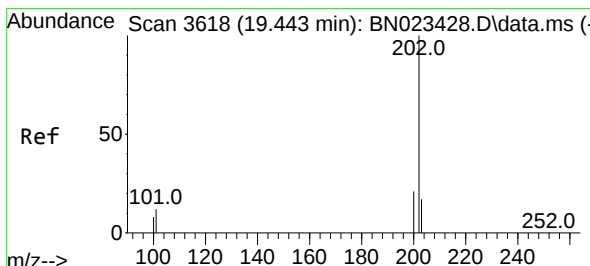
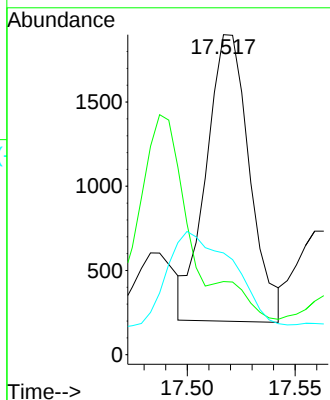
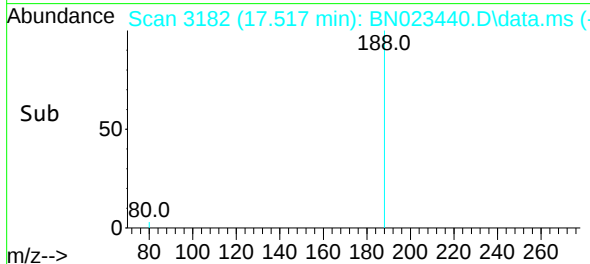
Instrument :
 BNA_N
 ClientSampleId :
 DBYF9



Tgt Ion:178 Resp: 2377
 Ion Ratio Lower Upper
 178 100
 179 22.8 12.6 18.8#
 176 31.8 15.4 23.0#

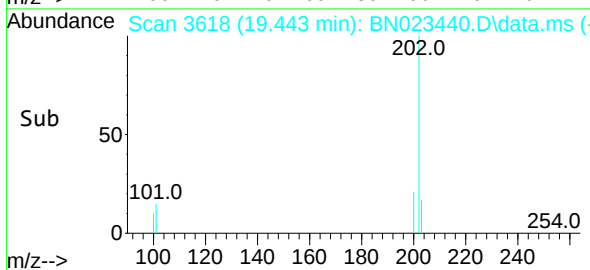
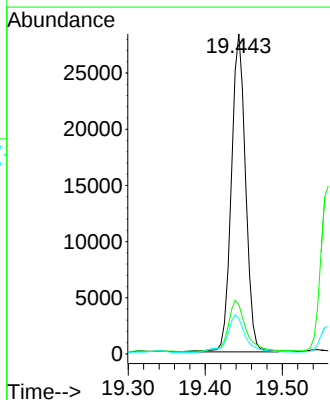
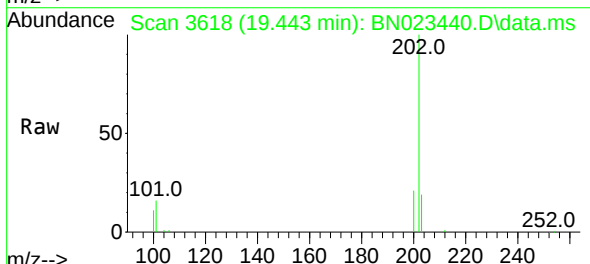
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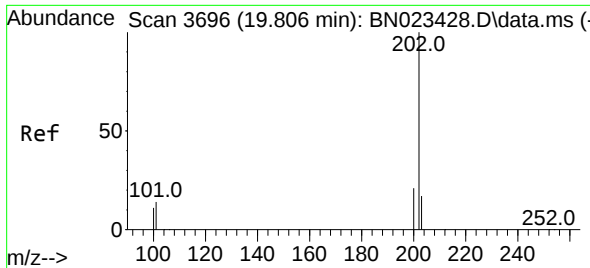
Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022



#19
 Fluoranthene
 Concen: 0.335 ng/ul
 RT: 19.443 min Scan# 3618
 Delta R.T. 0.000 min
 Lab File: BN023440.D
 Acq: 25 Dec 2022 09:22

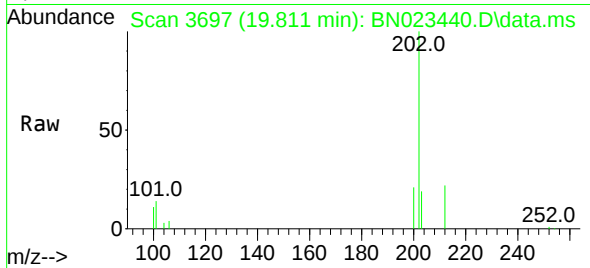
Tgt Ion:202 Resp: 36270
 Ion Ratio Lower Upper
 202 100
 101 15.5 9.4 14.2#
 100 11.1 7.0 10.6#





#20
Pyrene
Concen: 0.251 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

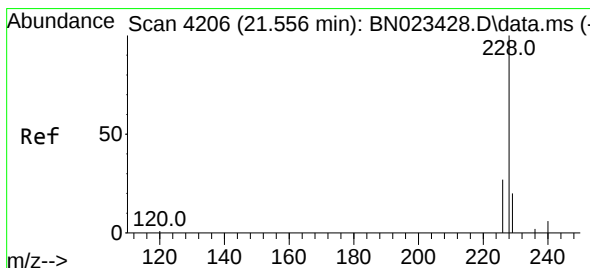
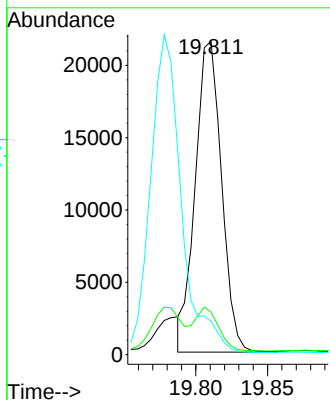
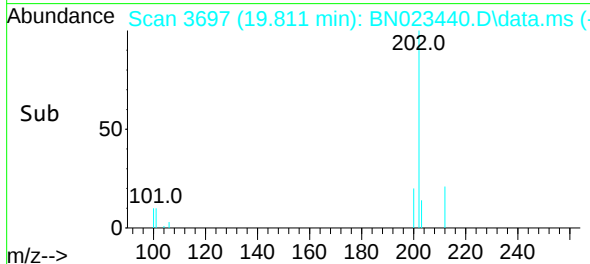
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BNA_N
ClientSampleId :
DBYF9



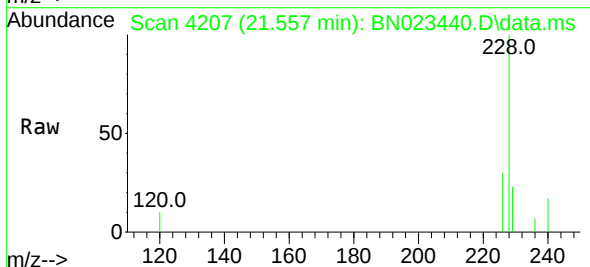
Tgt Ion:202 Resp: 2731
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 10.6 9.0 13.4

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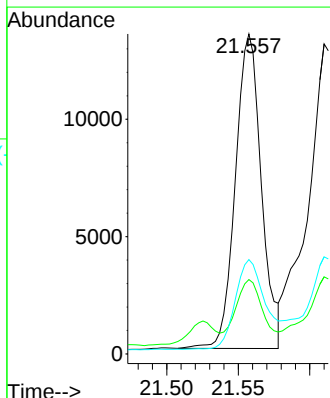
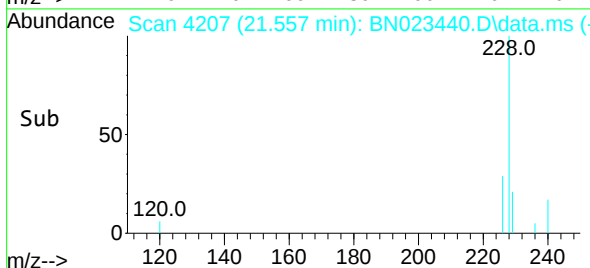
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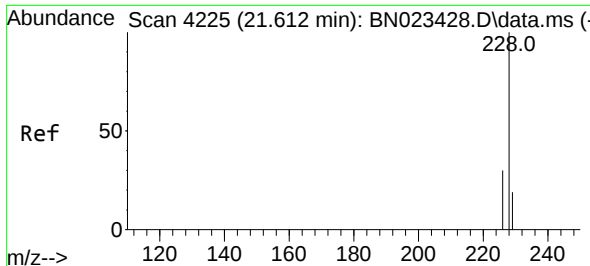


#21
Benzo(a)anthracene
Concen: 0.196 ng/ul
RT: 21.557 min Scan# 4207
Delta R.T. 0.001 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22



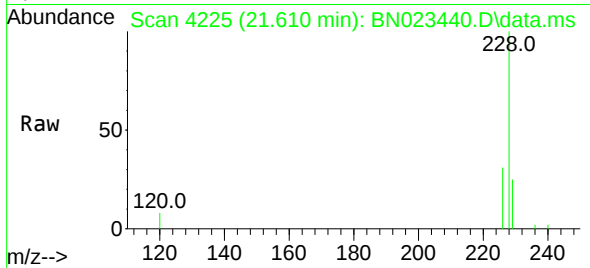
Tgt Ion:228 Resp: 16970
Ion Ratio Lower Upper
228 100
229 23.2 15.6 23.4
226 29.5 22.2 33.2





#22
Chrysene
Concen: 0.223 ng/ul
RT: 21.610 min Scan# 41
Delta R.T. -0.002 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

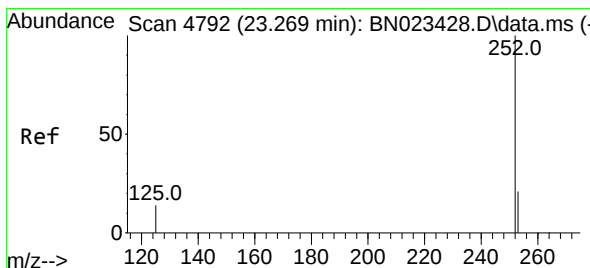
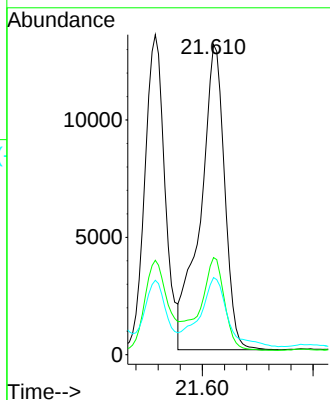
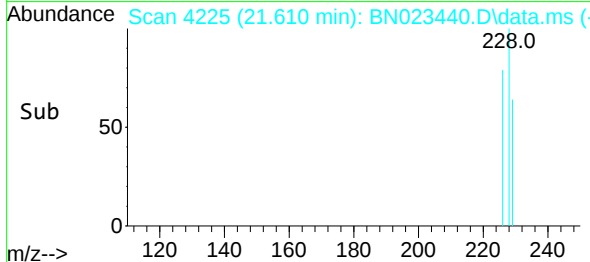
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:228 Resp: 19719
Ion Ratio Lower Upper
228 100
226 31.3 24.3 36.5
229 24.9 15.8 23.6

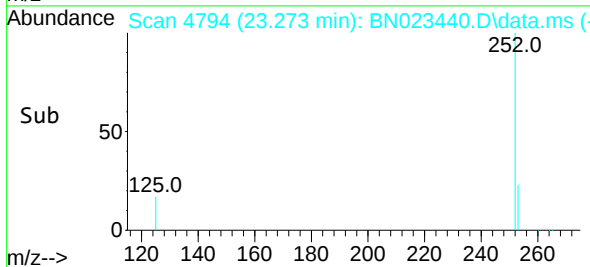
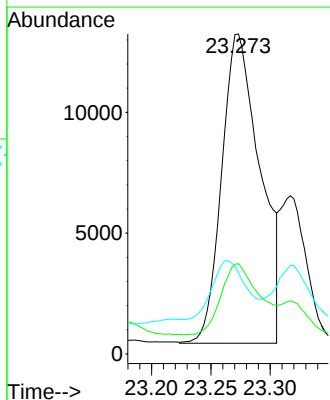
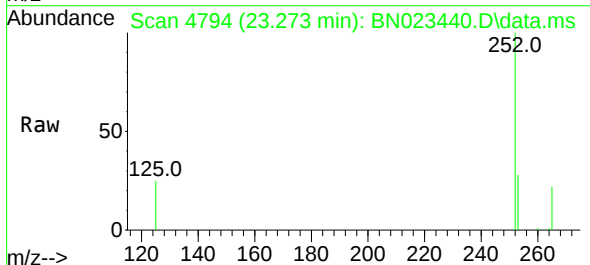
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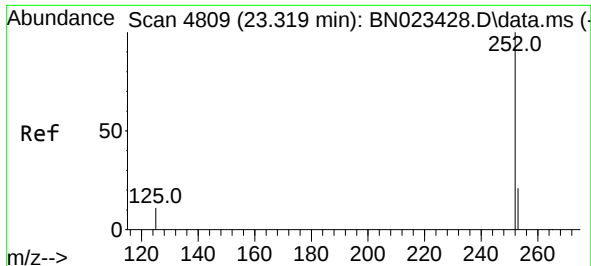
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#24
Benzo(b)fluoranthene
Concen: 0.336 ng/ul m
RT: 23.273 min Scan# 4794
Delta R.T. 0.004 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

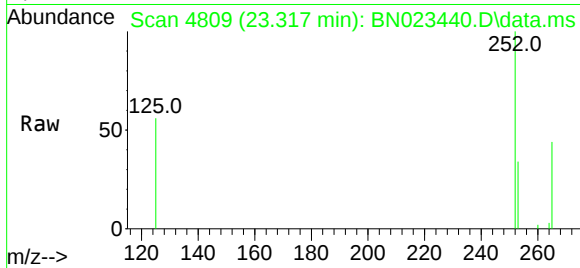
Tgt Ion:252 Resp: 28899
Ion Ratio Lower Upper
252 100
253 28.2 0.0 49.2
125 25.5 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.114 ng/ul m
RT: 23.317 min Scan# 4809
Delta R.T. -0.002 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

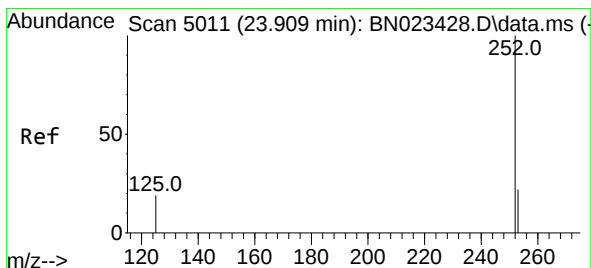
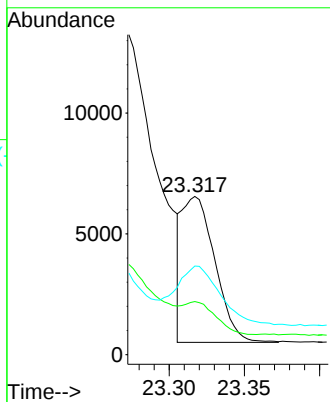
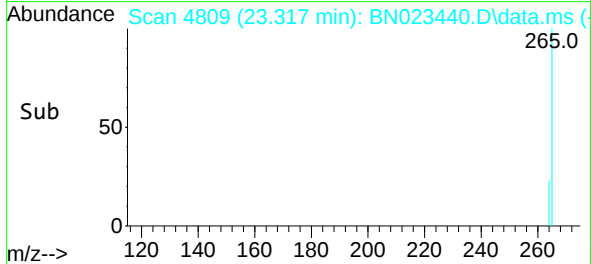
Instrument :
BNA_N
ClientSampleId :
DBYF9



Tgt Ion:252 Resp: 9188
Ion Ratio Lower Upper
252 100
253 33.6 19.8 29.6
125 56.0 12.6 18.8

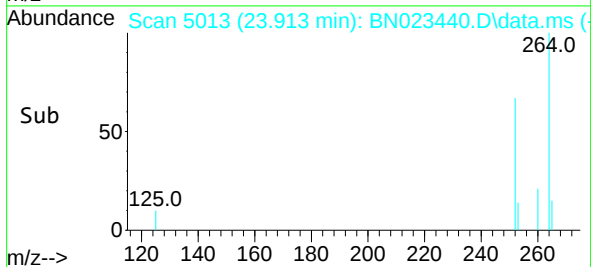
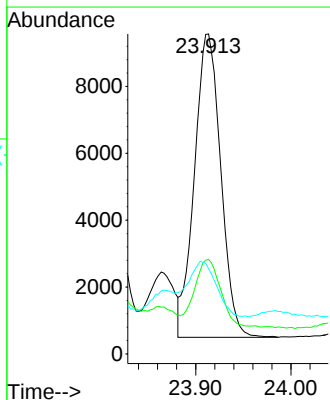
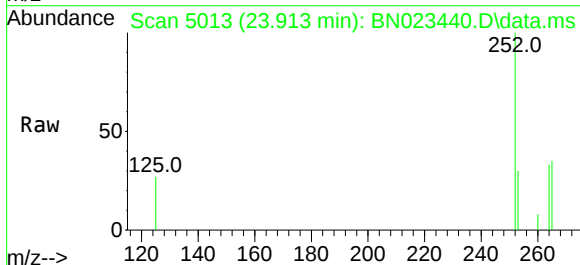
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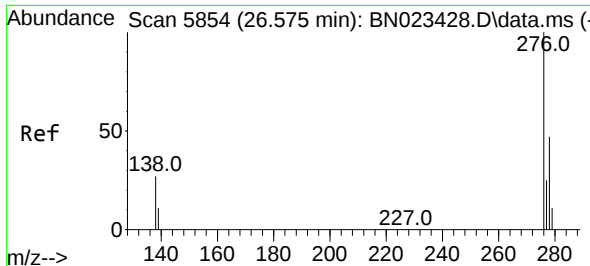
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#26
Benzo(a)pyrene
Concen: 0.256 ng/ul
RT: 23.913 min Scan# 5013
Delta R.T. 0.004 min
Lab File: BN023440.D
Acq: 25 Dec 2022 09:22

Tgt Ion:252 Resp: 17424
Ion Ratio Lower Upper
252 100
253 29.6 21.4 32.2
125 26.6 16.2 24.4





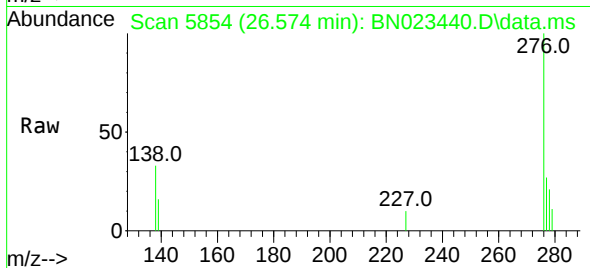
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.180 ng/ul
 RT: 26.574 min Scan# 5854
 Delta R.T. -0.002 min
 Lab File: BN023440.D
 Acq: 25 Dec 2022 09:22

Instrument :

BNA_N

ClientSampleId :

DBYF9

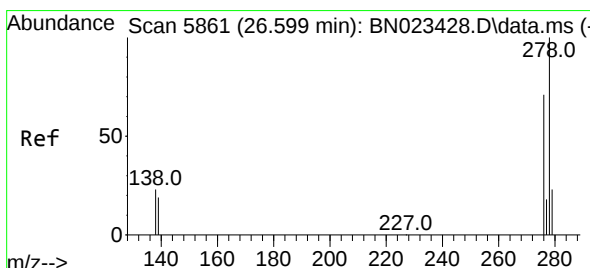
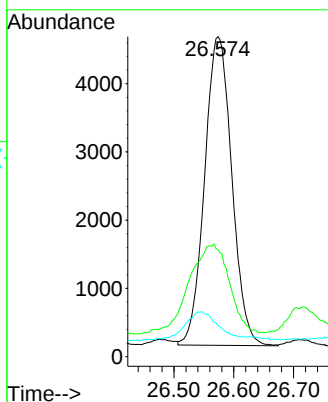
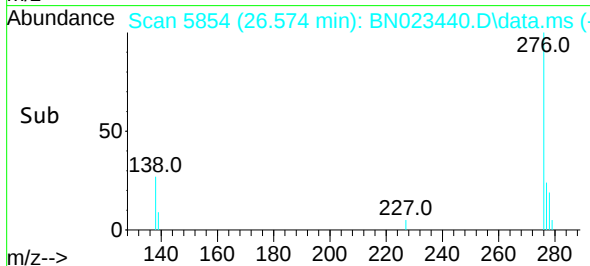


Tgt Ion:276 Resp: 14315
 Ion Ratio Lower Upper
 276 100
 138 43.4 23.4 35.2#
 227 0.0 0.0 0.0

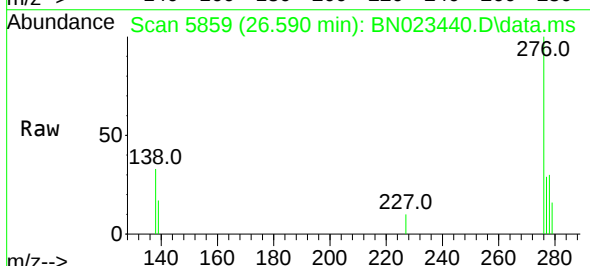
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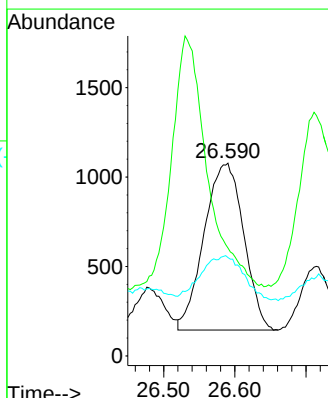
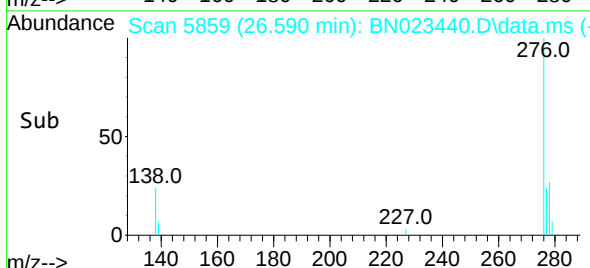
Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

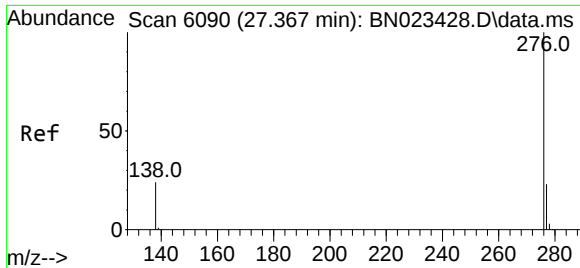


#28
 Dibenzo(a,h)anthracene
 Concen: 0.058 ng/ul
 RT: 26.590 min Scan# 5859
 Delta R.T. -0.008 min
 Lab File: BN023440.D
 Acq: 25 Dec 2022 09:22



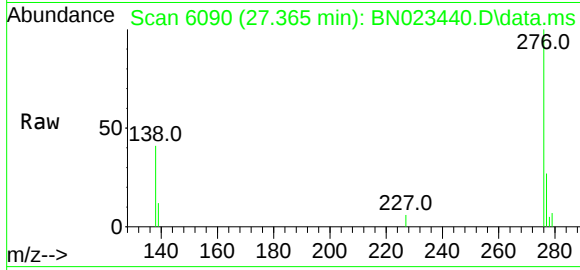
Tgt Ion:278 Resp: 3599
 Ion Ratio Lower Upper
 278 100
 139 56.0 16.6 24.8#
 279 51.0 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.224 ng/ul
 RT: 27.365 min Scan# 6090
 Delta R.T. -0.002 min
 Lab File: BN023440.D
 Acq: 25 Dec 2022 09:22

Instrument :
 BNA_N
 ClientSampleId :
 DBYF9



Tgt Ion:	276	Resp:	1447
Ion Ratio	Lower	Upper	
276	100		
138	40.8	20.3	30.5
277	26.7	19.7	29.5

Manual Integrations
 APPROVED

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