

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023425.D
 Acq On : 24 Dec 2022 23:50
 Operator : CG/JU
 Sample : N6018-16DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYK1DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 04:21:32 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.803	136	20780	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.639	164	11931	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	26960	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	18312	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	14468	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	7962	1.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	2846	0.089	ng/ul	-0.01
18) Fluoranthene-d10	19.414	212	6344	0.096	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.852	128	1407	0.023	ng/ul#	83
7) 2-Methylnaphthalene	12.469	142	860	0.022	ng/ul	99
15) Phenanthrene	17.427	178	14040	0.160	ng/ul	99
16) Anthracene	17.520	178	2197	0.030	ng/ul#	89
19) Fluoranthene	19.442	202	30428	0.343	ng/ul	98
20) Pyrene	19.809	202	26111m	0.292	ng/ul	
21) Benzo(a)anthracene	21.557	228	13650	0.191	ng/ul	97
22) Chrysene	21.610	228	15734	0.217	ng/ul	96
24) Benzo(b)fluoranthene	23.270	252	23209m	0.310	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	7401m	0.105	ng/ul	
26) Benzo(a)pyrene	23.911	252	14963	0.253	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.574	276	11290	0.163	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.590	278	2603	0.049	ng/ul#	38
29) Benzo(g,h,i)perylene	27.365	276	11776	0.209	ng/ul#	93

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

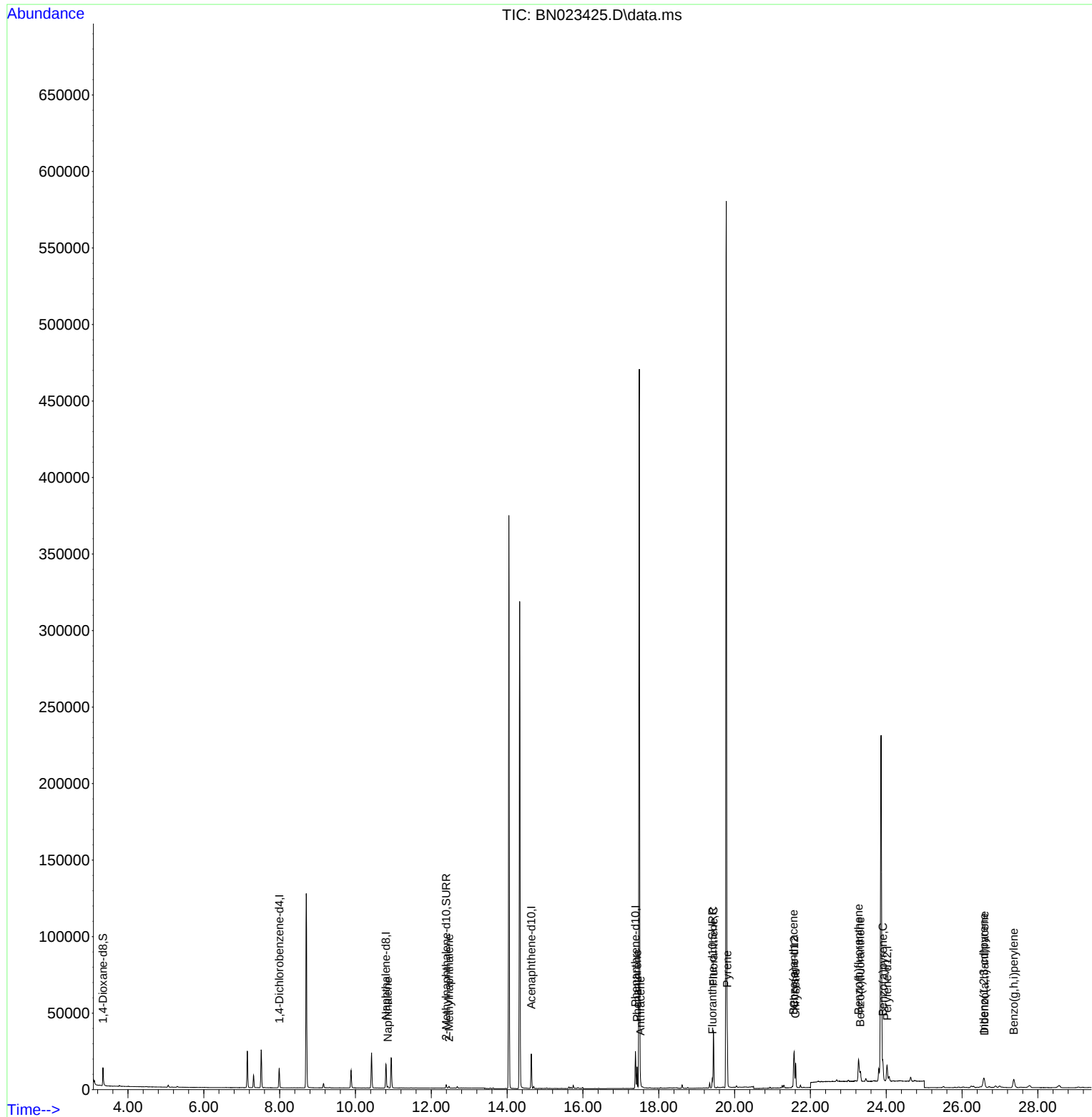
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023425.D
Acq On : 24 Dec 2022 23:50
Operator : CG/JU
Sample : N6018-16DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

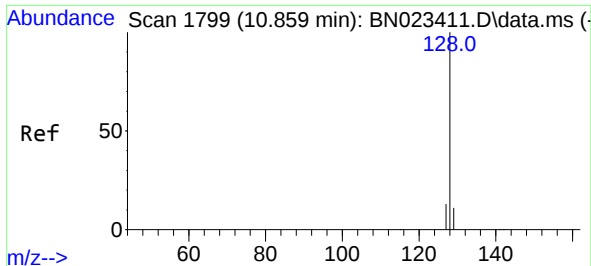
Instrument :
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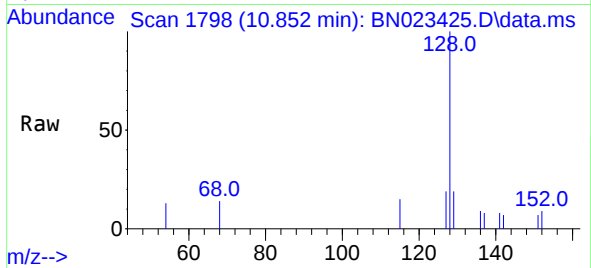
Quant Time: Dec 25 04:21:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.852 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

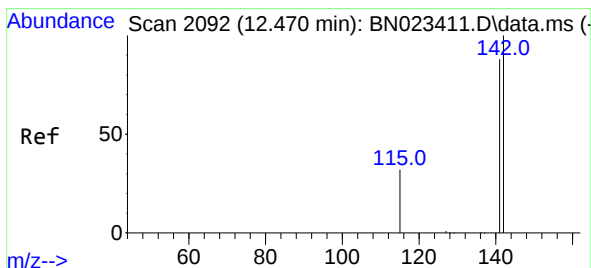
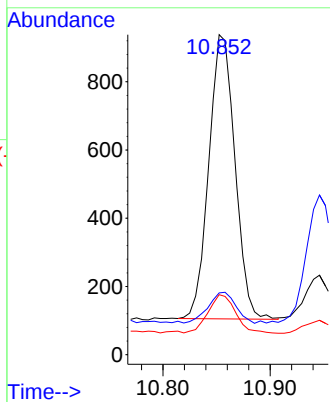
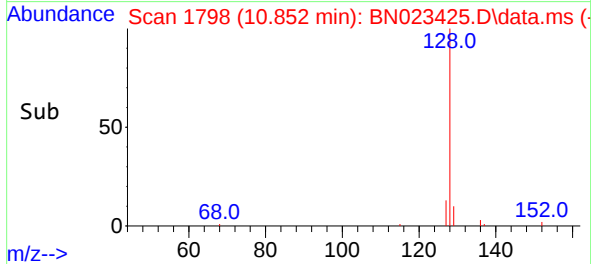
Instrument :
BNA_N
ClientSampleId :
DBYK1DL



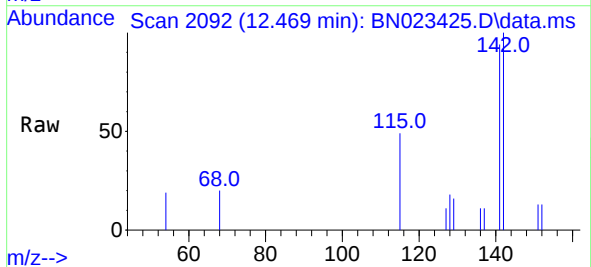
Tgt Ion:128 Resp: 140
Ion Ratio Lower Upper
128 100
129 19.3 9.0 13.4
127 18.8 10.7 16.1

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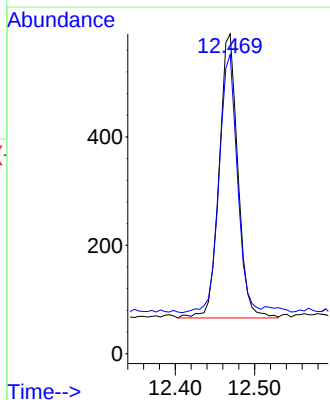
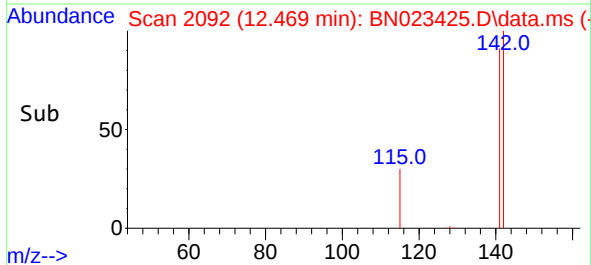
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

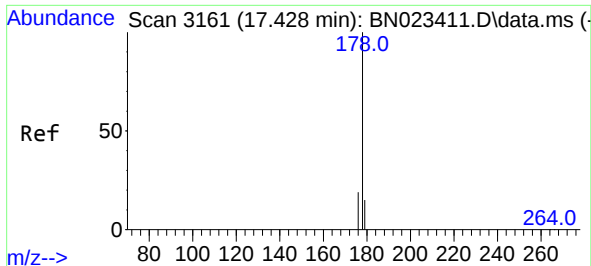


#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50



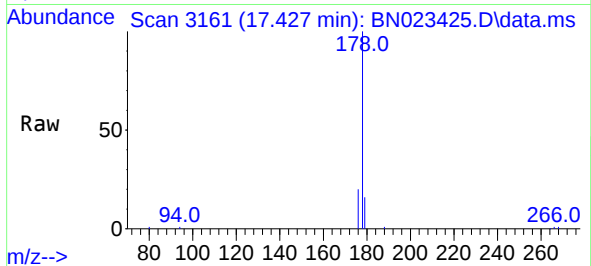
Tgt Ion:142 Resp: 860
Ion Ratio Lower Upper
142 100
141 88.3 71.4 107.2





#15
Phenanthrene
Concen: 0.160 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

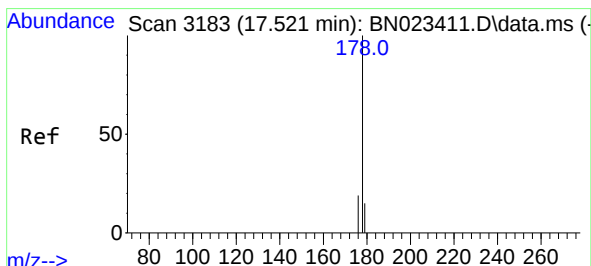
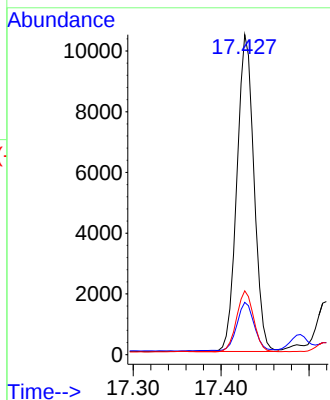
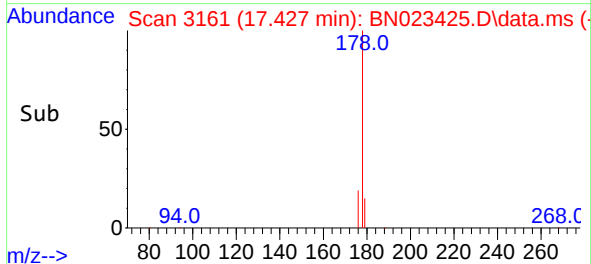
Instrument :
BNA_N
ClientSampleId :
DBYK1DL



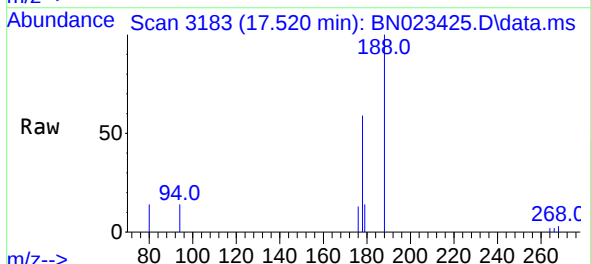
Tgt Ion:178 Resp: 14040
Ion Ratio Lower Upper
178 100
179 16.3 12.5 18.7
176 20.0 15.7 23.5

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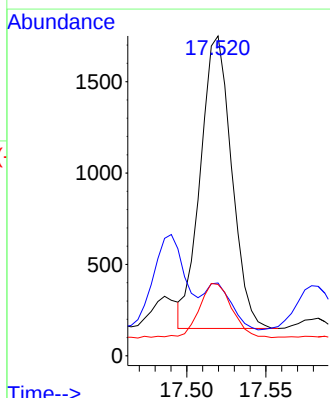
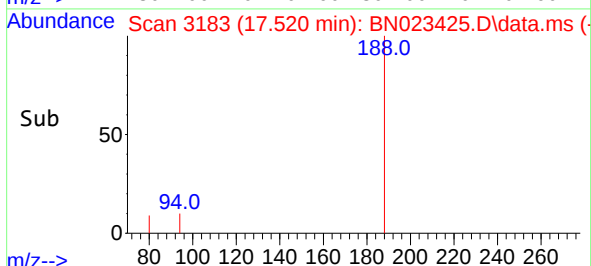
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

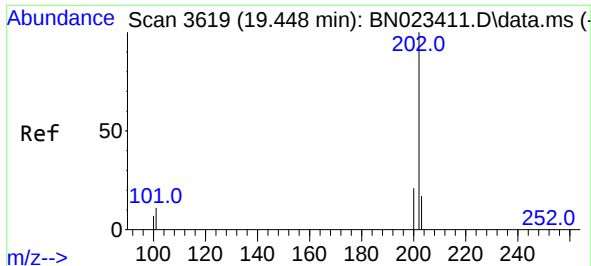


#16
Anthracene
Concen: 0.030 ng/u1
RT: 17.520 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50



Tgt Ion:178 Resp: 2197
Ion Ratio Lower Upper
178 100
179 22.8 12.6 18.8#
176 22.3 15.4 23.0





#19
Fluoranthene
Concen: 0.343 ng/ul
RT: 19.442 min Scan# 3618
Delta R.T. -0.007 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

Instrument :

BNA_N

ClientSampleId :

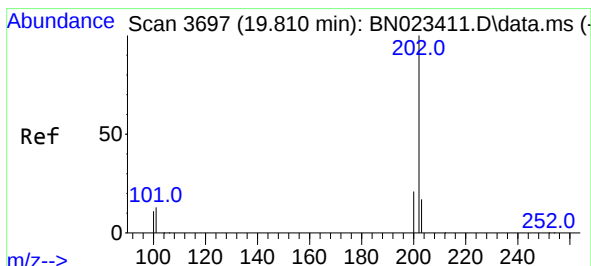
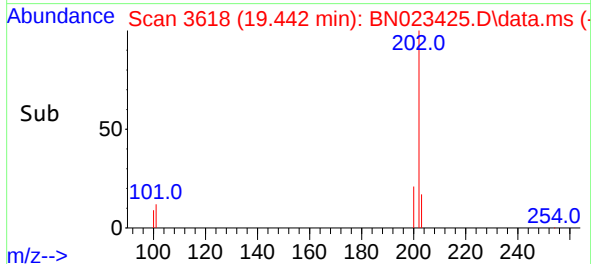
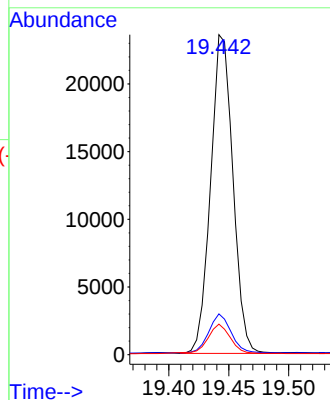
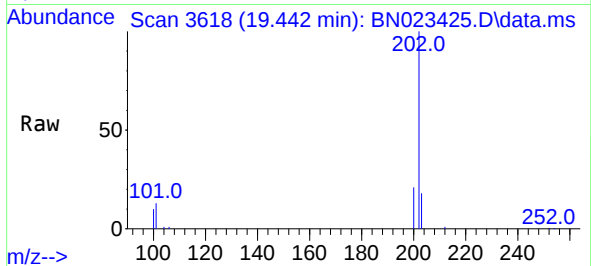
DBYK1DL

Tgt Ion:202 Resp: 30428
Ion Ratio Lower Upper
202 100
101 12.8 9.4 14.2
100 9.6 7.0 10.6

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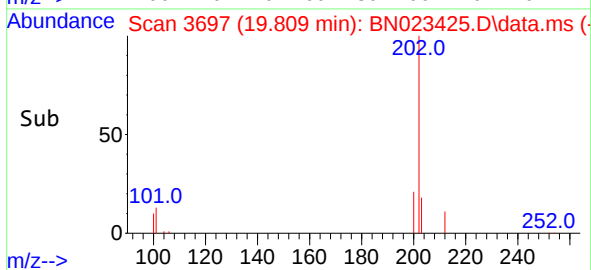
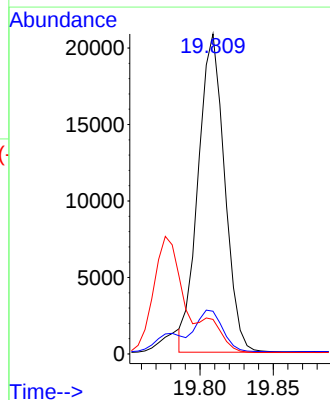
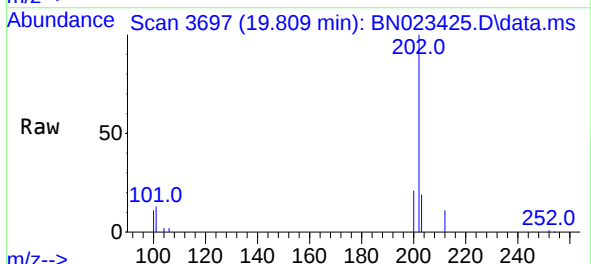
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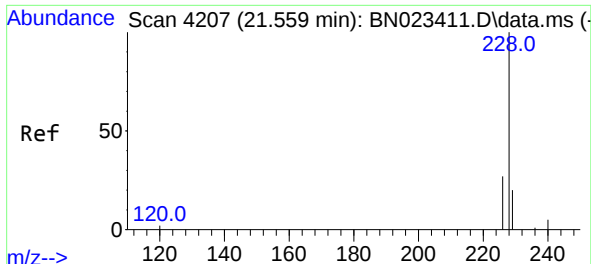
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.292 ng/ul m
RT: 19.809 min Scan# 3697
Delta R.T. -0.002 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

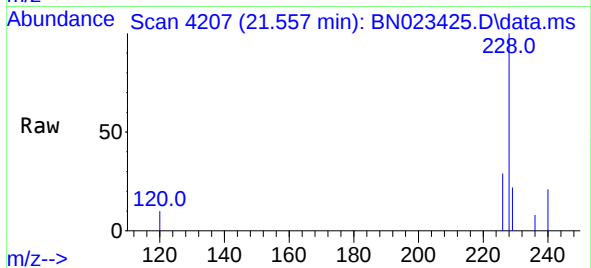
Tgt Ion:202 Resp: 26111
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.8 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.191 ng/uI
RT: 21.557 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

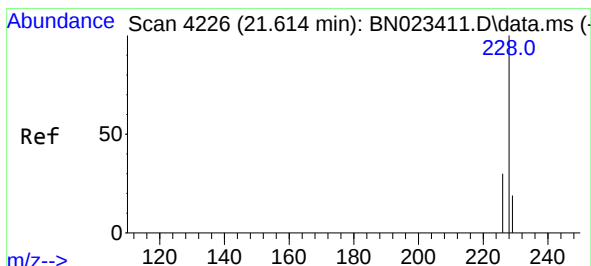
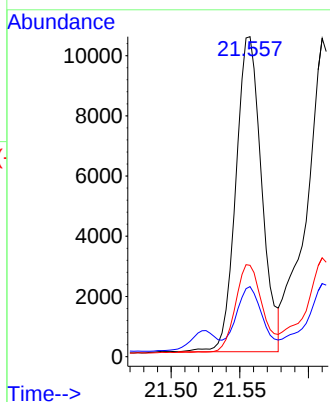
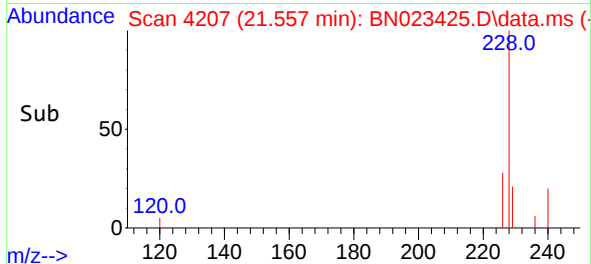
Instrument :
BNA_N
ClientSampleId :
DBYK1DL



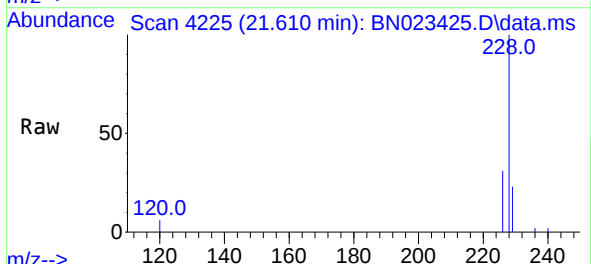
Tgt Ion:228 Resp: 13650
Ion Ratio Lower Upper
228 100
229 21.9 15.6 23.4
226 28.5 22.2 33.2

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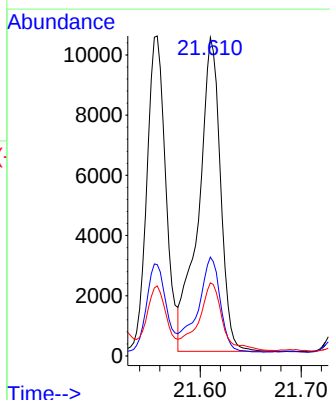
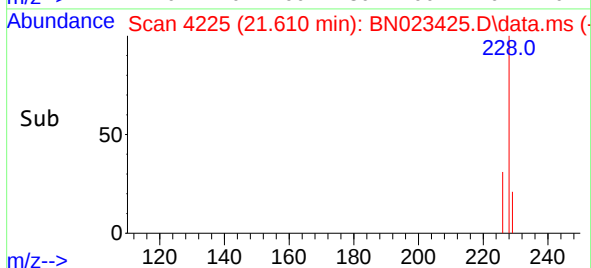
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

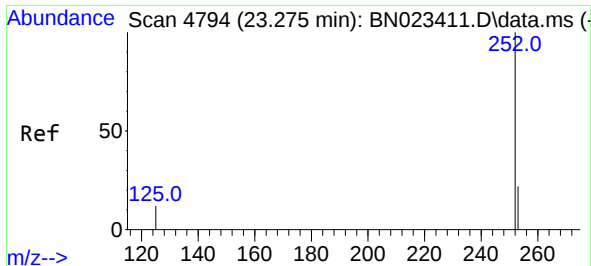


#22
Chrysene
Concen: 0.217 ng/uI
RT: 21.610 min Scan# 4225
Delta R.T. -0.007 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50



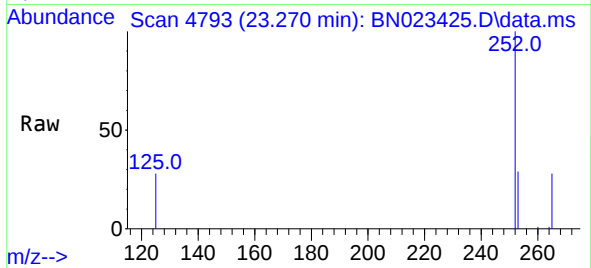
Tgt Ion:228 Resp: 15734
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.310 ng/ul m
RT: 23.270 min Scan# 4794
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

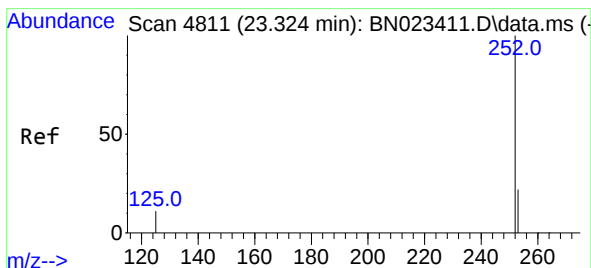
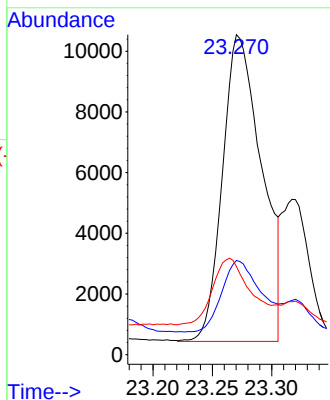
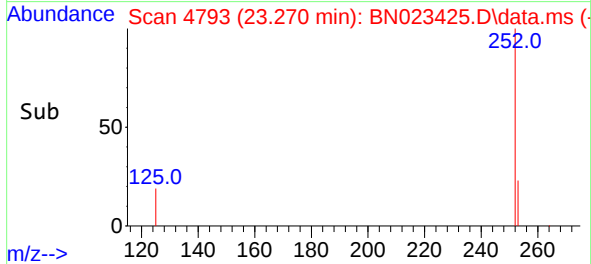
Instrument :
BNA_N
ClientSampleId :
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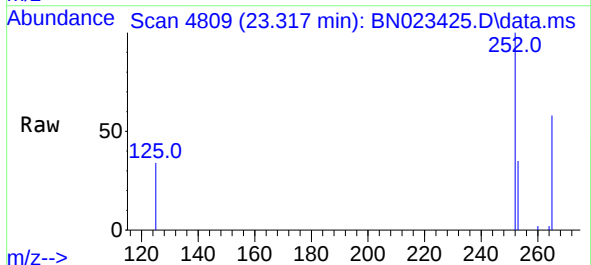
Tgt Ion:252 Resp: 23209
Ion Ratio Lower Upper
252 100
253 29.4 0.0 49.2
125 27.5 0.0 31.8

Manual Integrations
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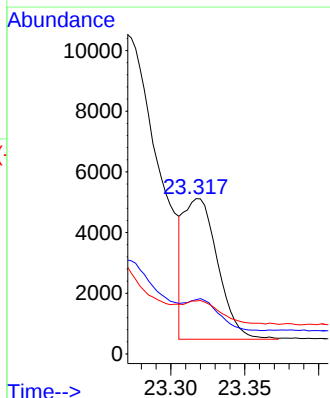
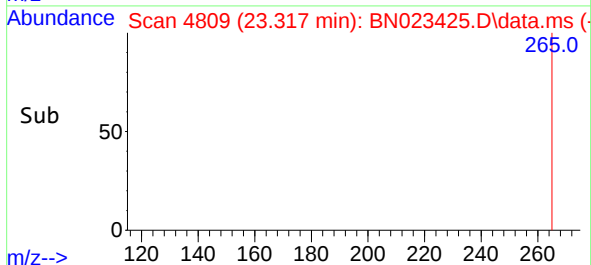
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

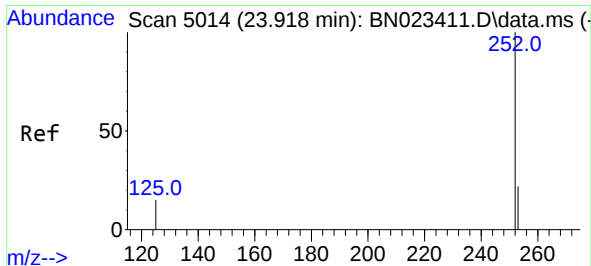


#25
Benzo(k)fluoranthene
Concen: 0.105 ng/ul m
RT: 23.317 min Scan# 4809
Delta R.T. -0.007 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50



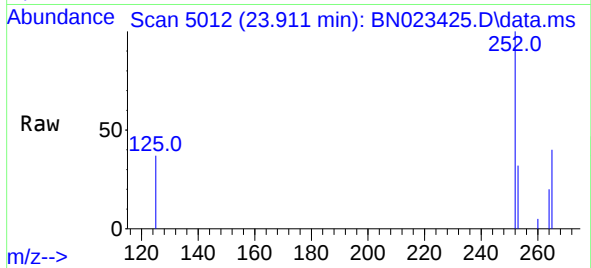
Tgt Ion:252 Resp: 7401
Ion Ratio Lower Upper
252 100
253 34.9 19.8 29.6#
125 34.1 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.253 ng/ul
RT: 23.911 min Scan# 5014
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

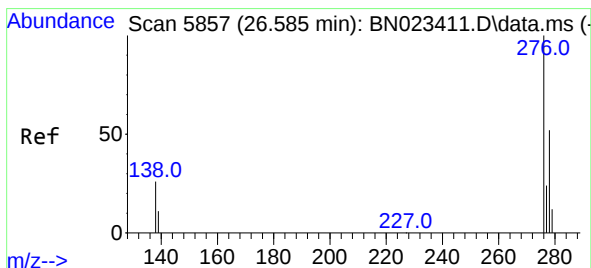
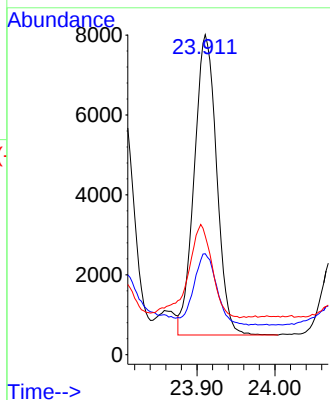
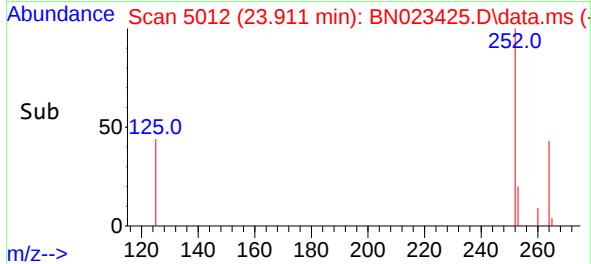
Instrument :
BNA_N
ClientSampleId :
DBYK1DL



Tgt Ion:252 Resp: 1496
Ion Ratio Lower Upper
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125 37.1 16.2 24.4

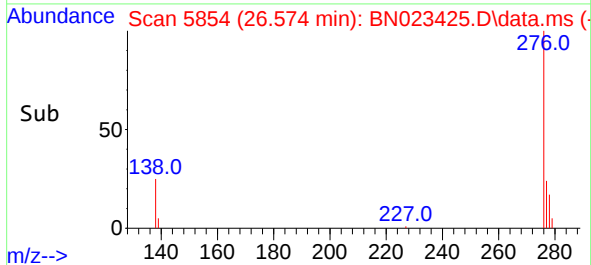
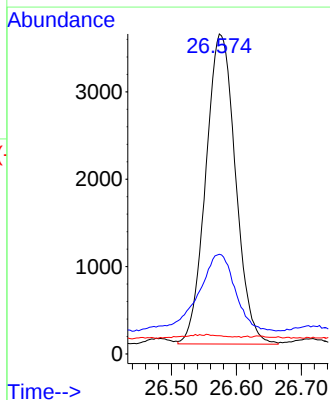
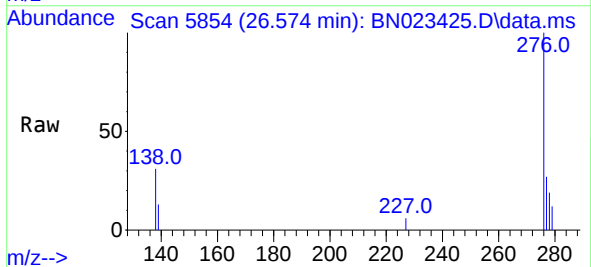
Manual Integrations
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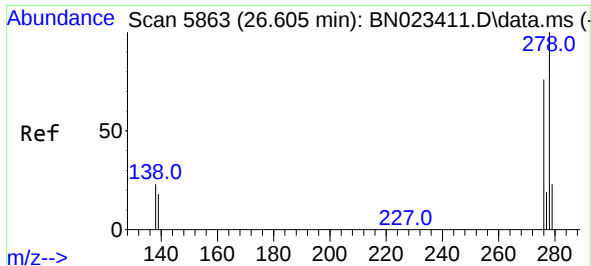
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.004 min
Lab File: BN023425.D
Acq: 24 Dec 2022 23:50

Tgt Ion:276 Resp: 11290
Ion Ratio Lower Upper
276 100
138 31.6 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.049 ng/ul

RT: 26.590 min Scan# 5859

Delta R.T. -0.011 min

Lab File: BN023425.D

Acq: 24 Dec 2022 23:50

Instrument :

BNA_N

ClientSampleId :

DBYK1DL

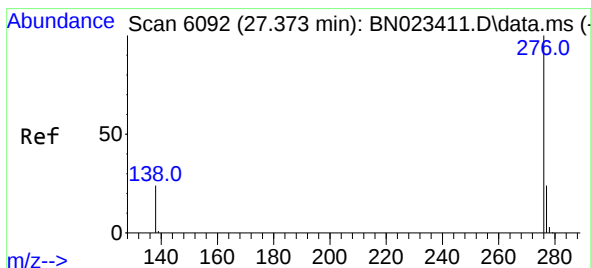
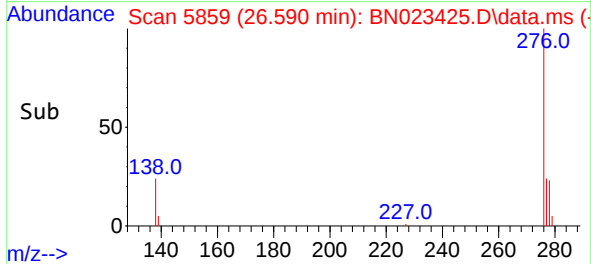
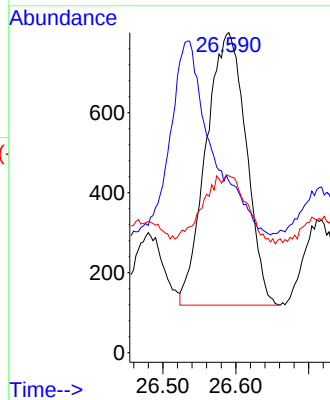
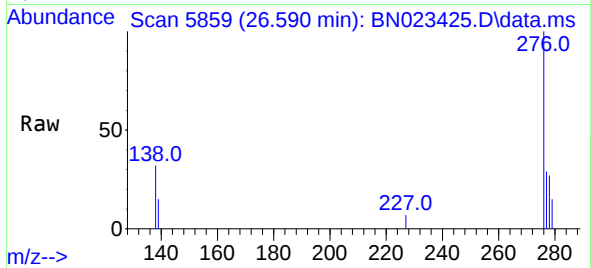
Tgt Ion:278 Resp: 260

Ion	Ratio	Lower	Upper
278	100		
139	53.6	16.6	24.8
279	55.3	21.3	31.9

Manual Integrations

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#29

Benzo(g,h,i)perylene

Concen: 0.209 ng/ul

RT: 27.365 min Scan# 6090

Delta R.T. -0.004 min

Lab File: BN023425.D

Acq: 24 Dec 2022 23:50

Tgt Ion:276 Resp: 11776

Ion	Ratio	Lower	Upper
276	100		
138	30.6	20.3	30.5
277	26.3	19.7	29.5

