

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023405.D
 Acq On : 24 Dec 2022 11:51
 Operator : CG/JU
 Sample : N6018-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH2

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:18:03 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	6156	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	20609	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	12382	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	29700	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	18768	0.400	ng/ul	# 0.00
23) Perylene-d12	24.030	264	14850	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	25088	3.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	8257	0.259	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	18940	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	5937	0.098	ng/ul#	96
7) 2-Methylnaphthalene	12.470	142	3022	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.690	142	2332	0.058	ng/ul	99
10) Acenaphthylene	14.363	152	3419	0.062	ng/ul#	90
11) Acenaphthene	14.701	153	1975	0.043	ng/ul	98
12) Fluorene	15.686	166	2487	0.048	ng/ul#	97
15) Phenanthrene	17.428	178	67068	0.694	ng/ul	99
16) Anthracene	17.521	178	9379	0.117	ng/ul	95
19) Fluoranthene	19.448	202	185365	2.036	ng/ul#	92
20) Pyrene	19.811	202	133006m	1.449	ng/ul	
21) Benzo(a)anthracene	21.560	228	65498	0.896	ng/ul	98
22) Chrysene	21.616	228	82948	1.116	ng/ul	98
24) Benzo(b)fluoranthene	23.279	252	102338m	1.332	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	34840m	0.483	ng/ul	
26) Benzo(a)pyrene	23.919	252	57719	0.949	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.580	276	46149	0.650	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.594	278	11389	0.207	ng/ul#	75
29) Benzo(g,h,i)perylene	27.378	276	44805	0.774	ng/ul#	94

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

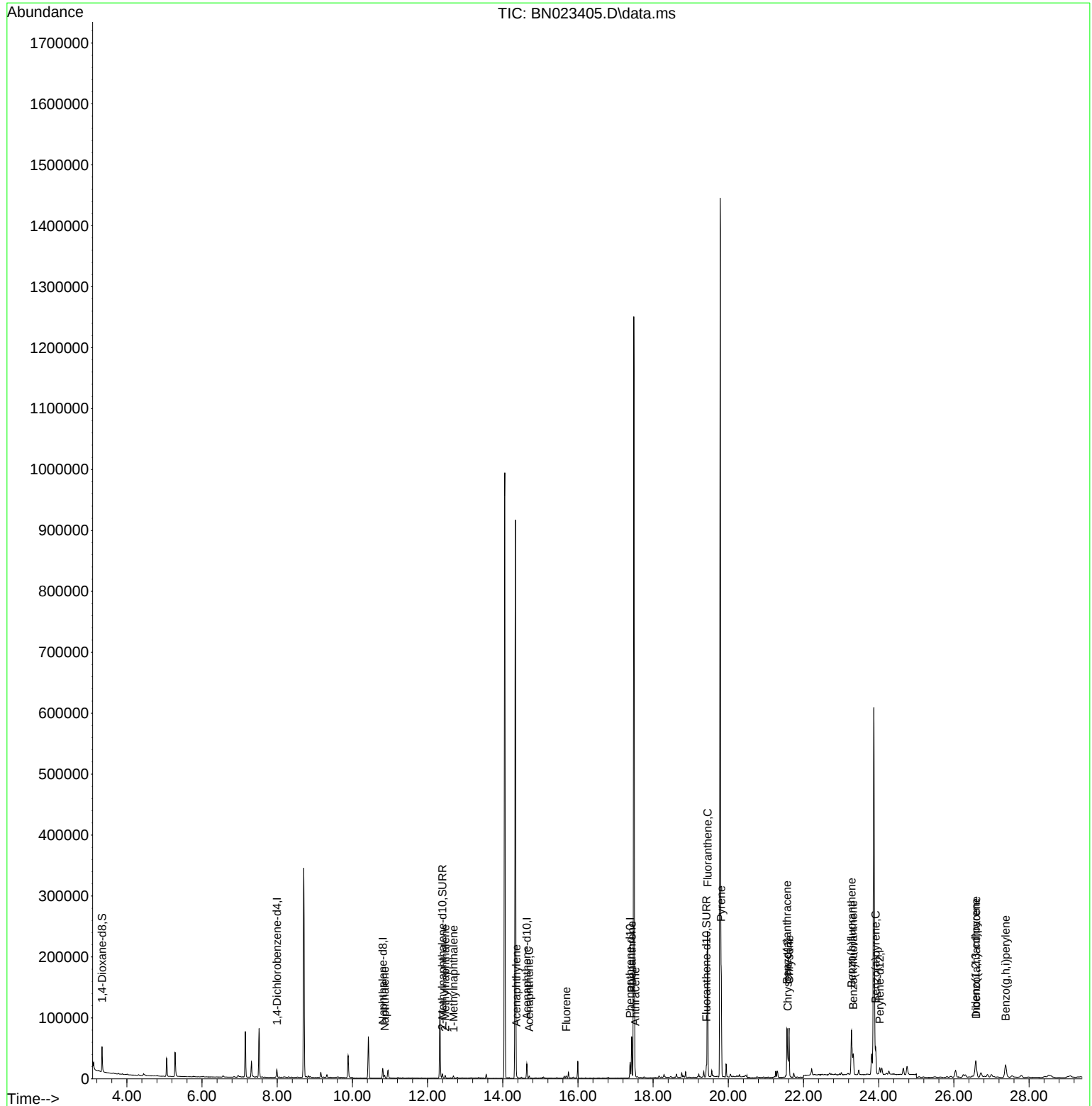
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023405.D
Acq On : 24 Dec 2022 11:51
Operator : CG/JU
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Misc :
ALS Vial : 32 Sample Multiplier: 1

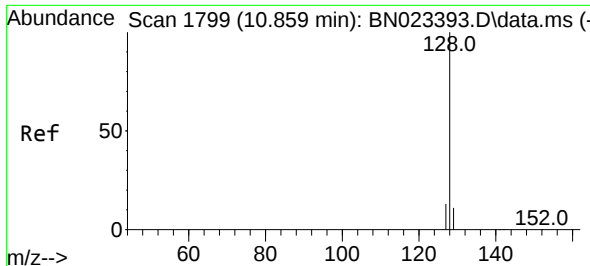
Instrument :
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DBYH2

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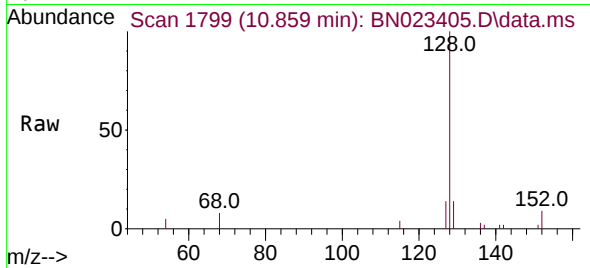
Quant Time: Dec 24 23:18:03 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

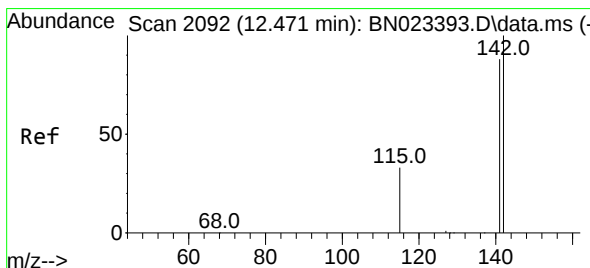
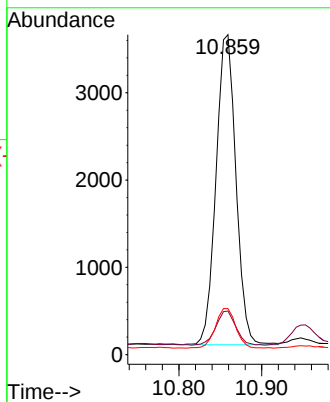
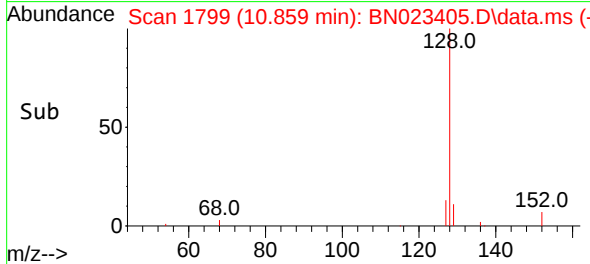
Instrument :
BNA_N
ClientSampleId :
DBYH2



Tgt Ion:128 Resp: 5932
Ion Ratio Lower Upper
128 100
129 13.6 9.0 13.4
127 14.4 10.7 16.1

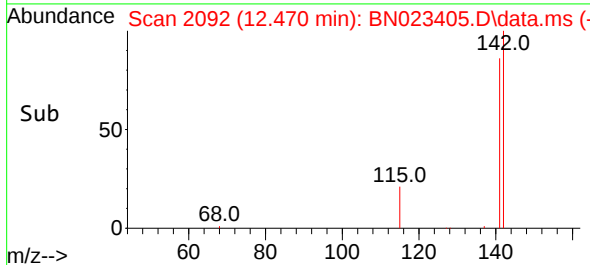
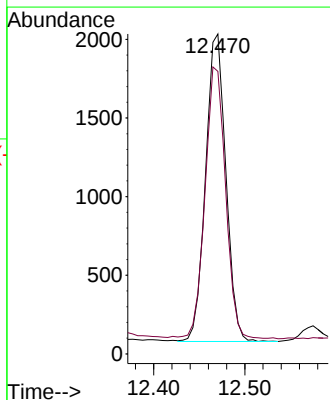
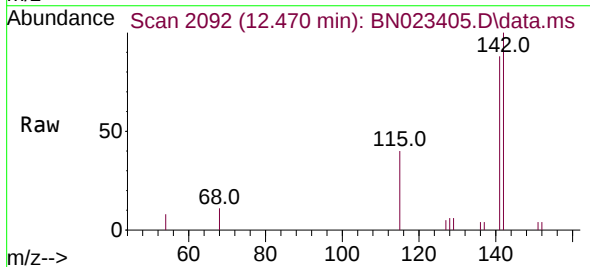
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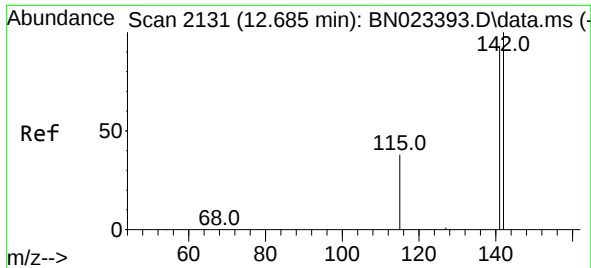
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

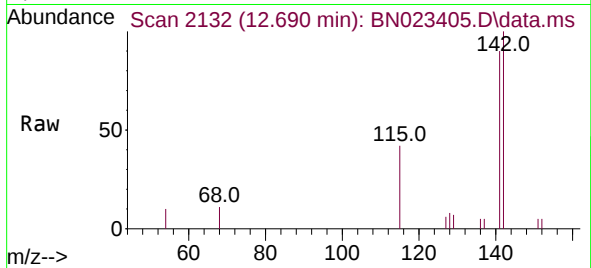
Tgt Ion:142 Resp: 3022
Ion Ratio Lower Upper
142 100
141 90.0 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.690 min Scan# 2131
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

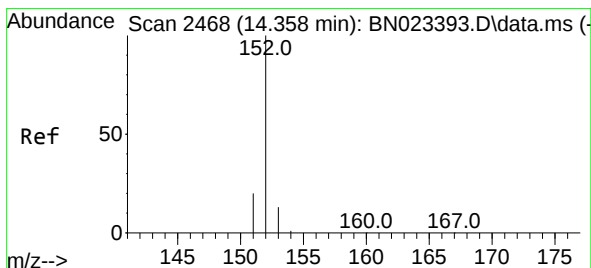
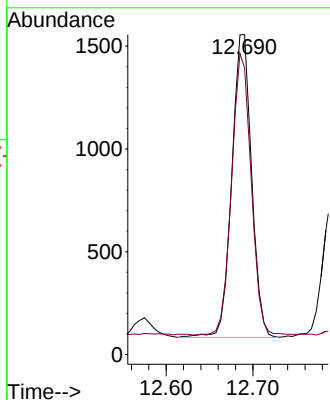
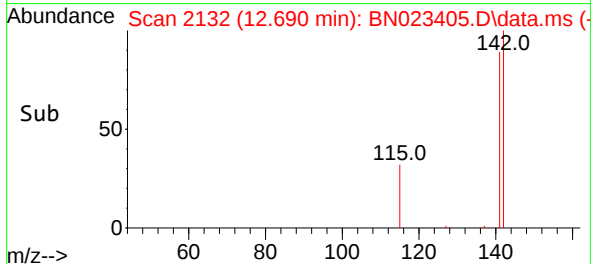
Instrument :
BNA_N
ClientSampleId :
DBYH2



Tgt Ion:142 Resp: 2332
Ion Ratio Lower Upper
142 100
141 91.5 74.0 111.0

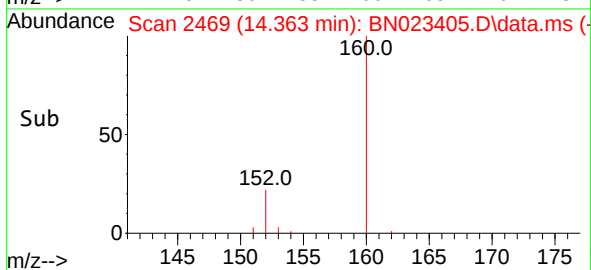
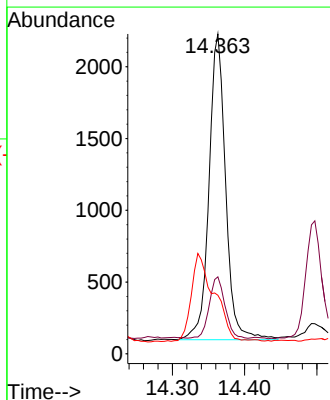
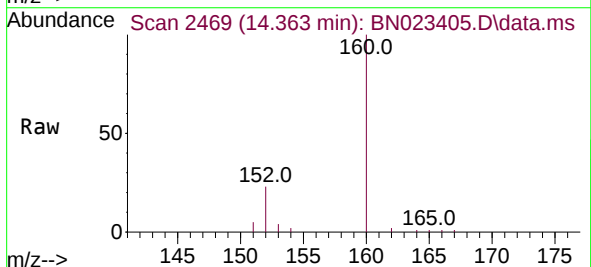
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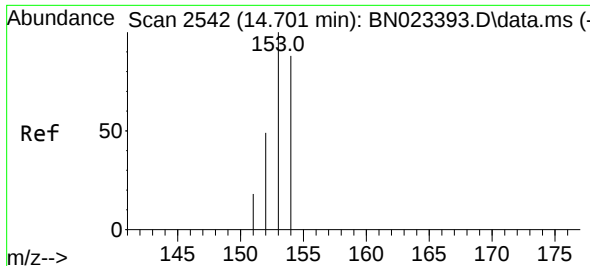
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.062 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

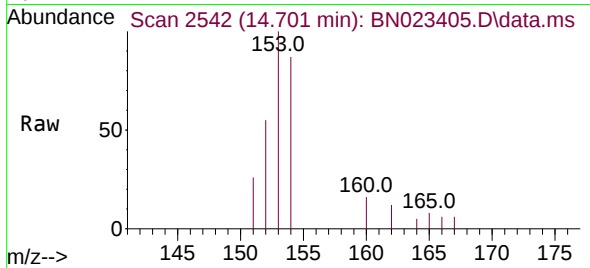
Tgt Ion:152 Resp: 3419
Ion Ratio Lower Upper
152 100
151 24.1 16.1 24.1
153 18.3 10.9 16.3#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.701 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

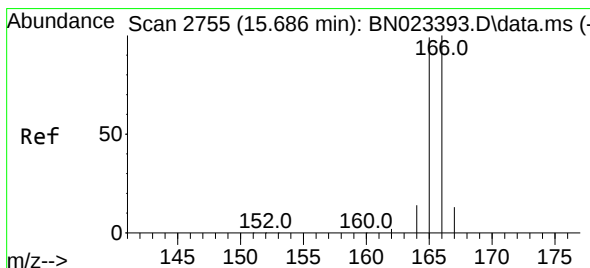
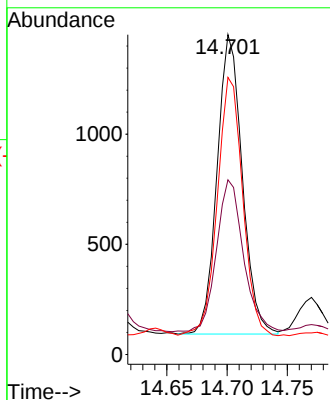
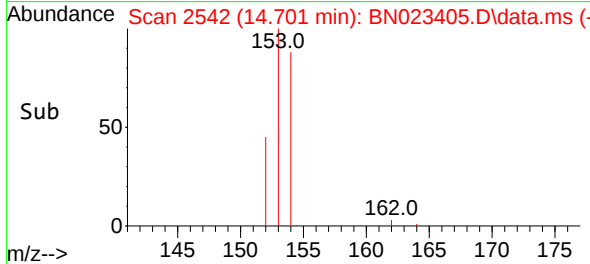
Instrument :
BNA_N
ClientSampleId :
DBYH2



Tgt Ion:153 Resp: 1975
Ion Ratio Lower Upper
153 100
152 54.6 41.0 61.4
154 86.6 69.5 104.3

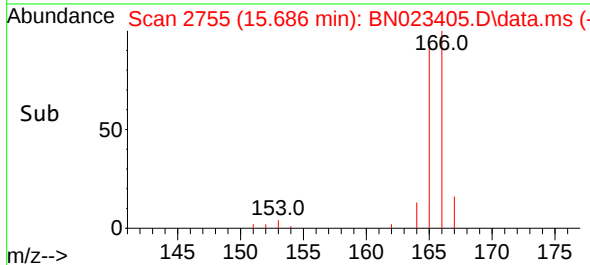
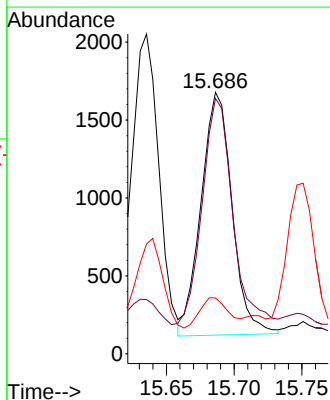
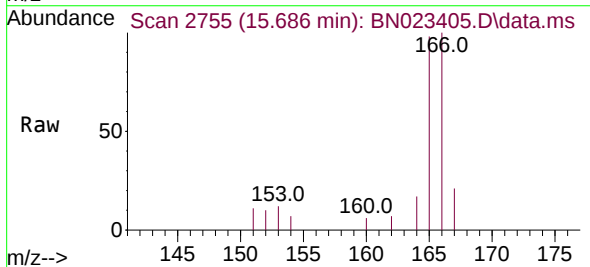
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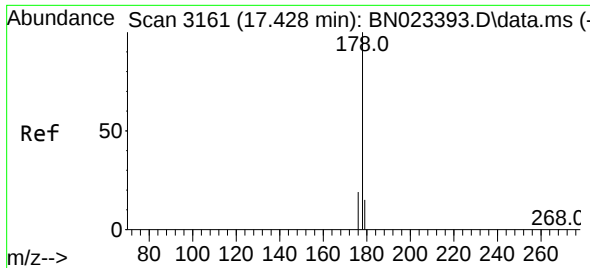
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#12
Fluorene
Concen: 0.048 ng/u1
RT: 15.686 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

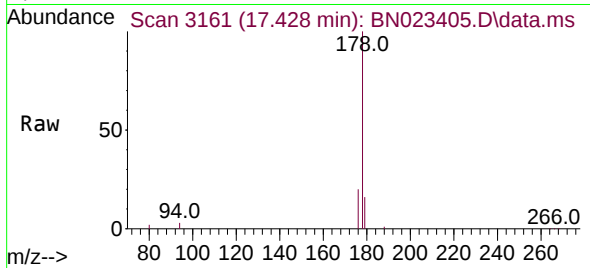
Tgt Ion:166 Resp: 2487
Ion Ratio Lower Upper
166 100
165 97.7 79.1 118.7
167 21.3 11.0 16.4#





#15
Phenanthrene
Concen: 0.694 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

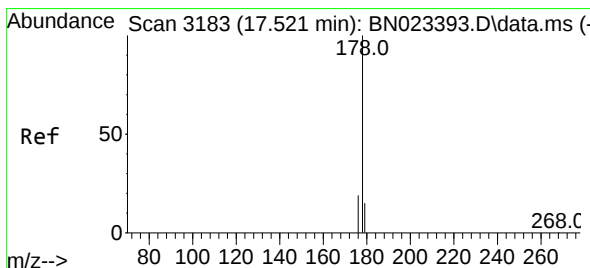
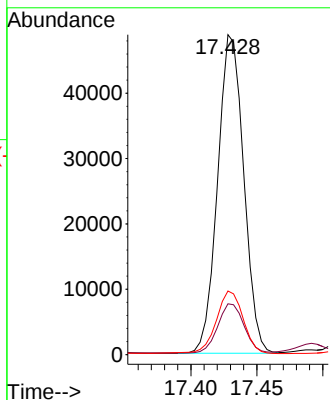
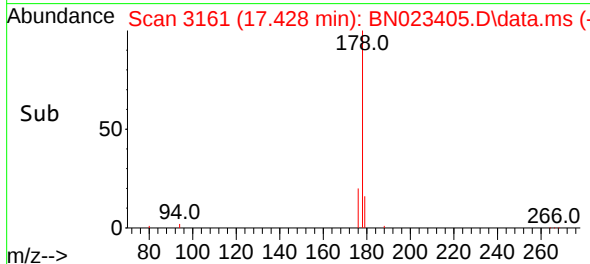
Instrument :
BNA_N
ClientSampleId :
DBYH2



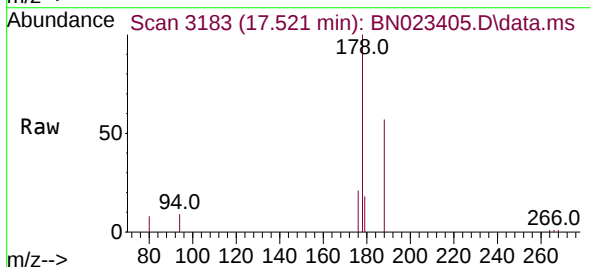
Tgt Ion:178 Resp: 67068
Ion Ratio Lower Upper
178 100
179 15.9 12.5 18.7
176 19.9 15.7 23.5

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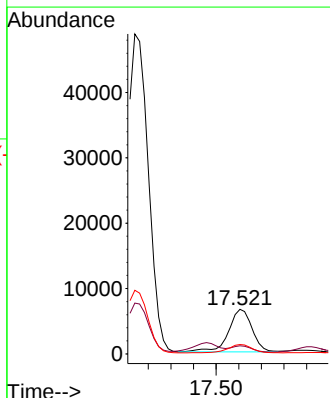
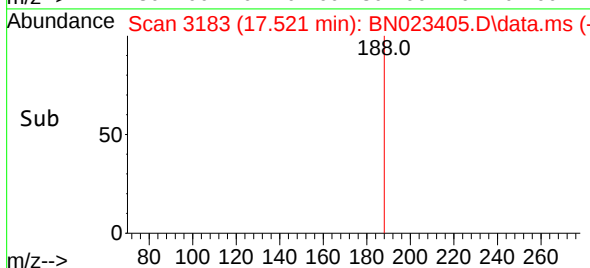
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

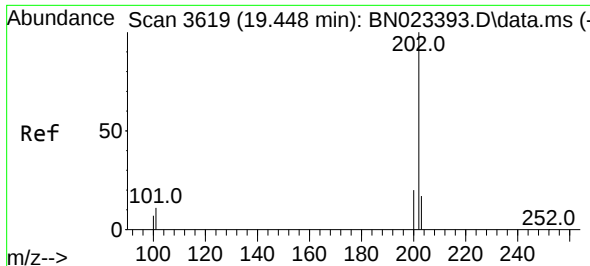


#16
Anthracene
Concen: 0.117 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51



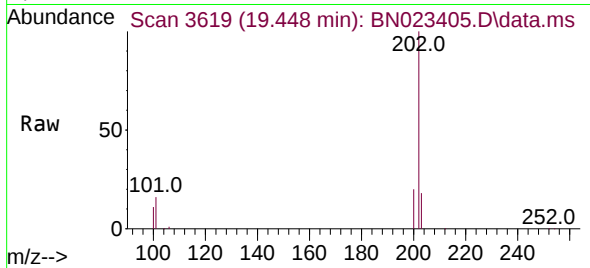
Tgt Ion:178 Resp: 9379
Ion Ratio Lower Upper
178 100
179 18.2 12.6 18.8
176 20.9 15.4 23.0





#19
Fluoranthene
Concen: 2.036 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

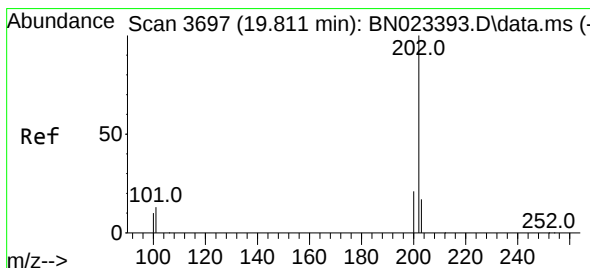
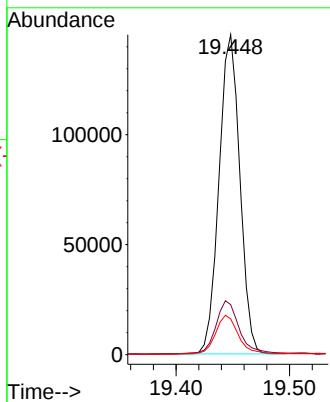
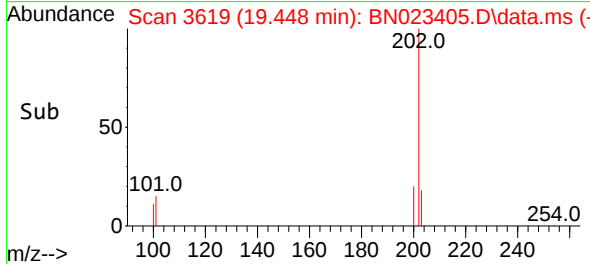
Instrument :
BNA_N
ClientSampleId :
DBYH2



Tgt Ion:202 Resp: 185365
Ion Ratio Lower Upper
202 100
101 15.6 9.4 14.2
100 11.2 7.0 10.6

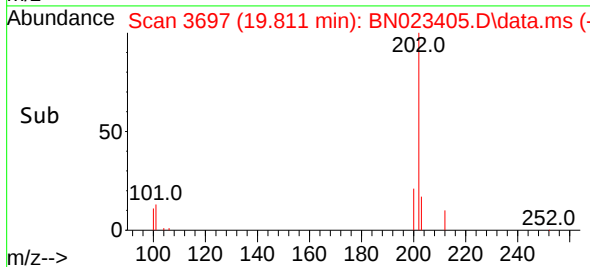
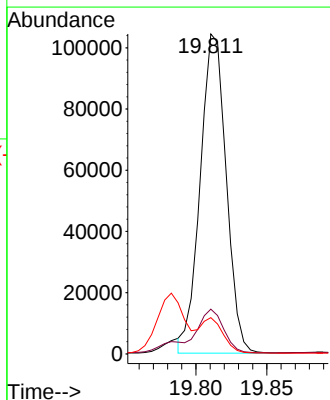
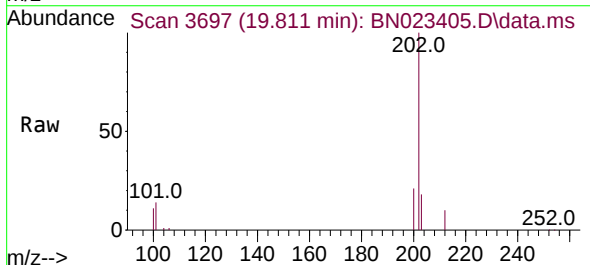
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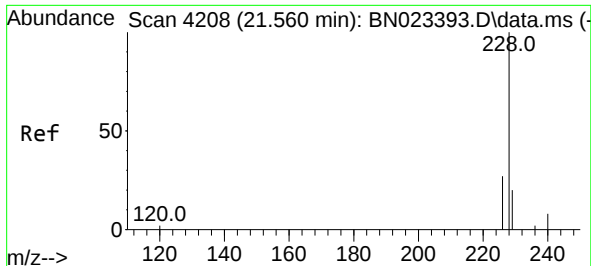
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 1.449 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

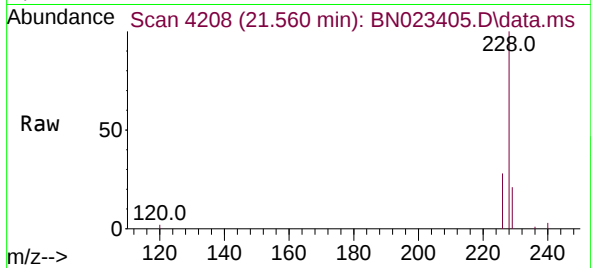
Tgt Ion:202 Resp: 133006
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.896 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

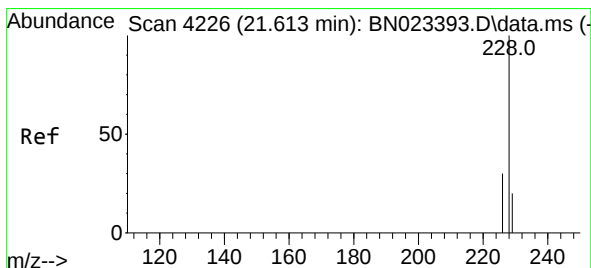
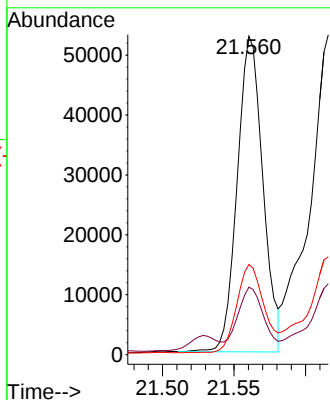
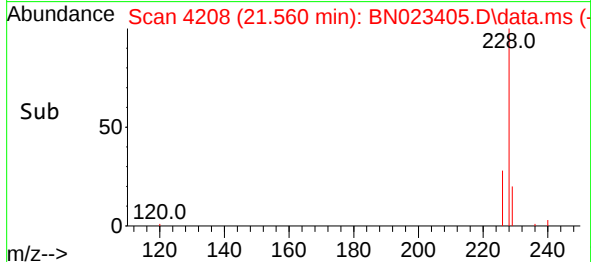
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BNA_N
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DBYH2



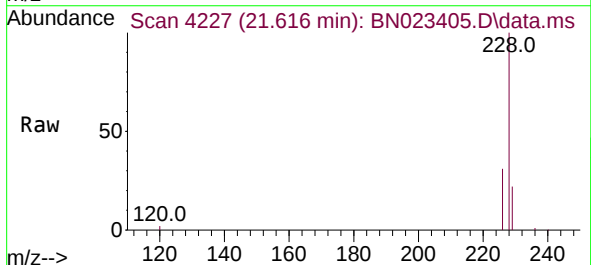
Tgt Ion:228 Resp: 65498
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.3 22.2 33.2

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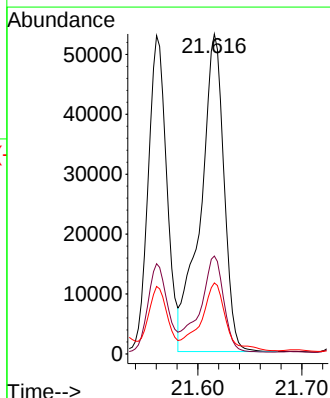
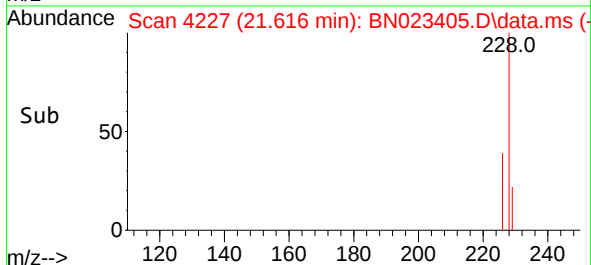
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

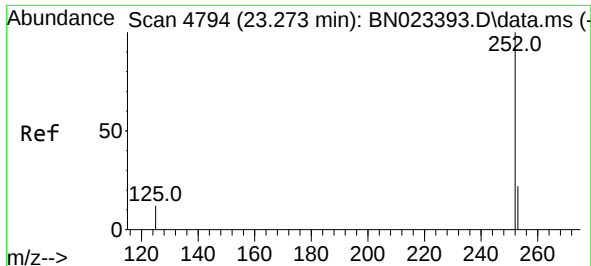


#22
Chrysene
Concen: 1.116 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51



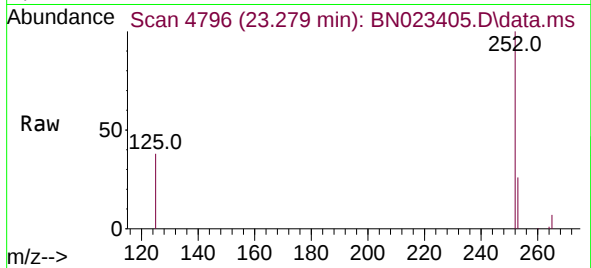
Tgt Ion:228 Resp: 82948
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.332 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

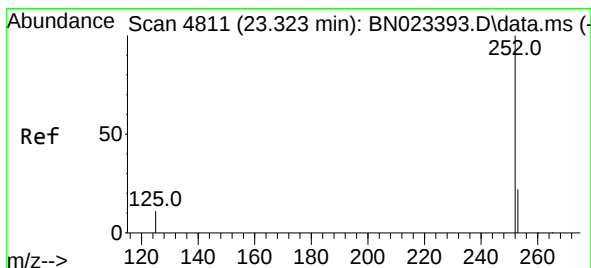
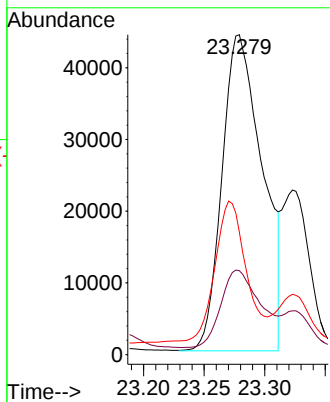
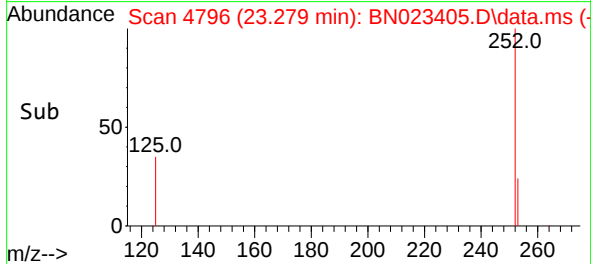
Instrument :
BNA_N
ClientSampleId :
DBYH2



Tgt Ion:252 Resp: 102338
Ion Ratio Lower Upper
252 100
253 26.2 0.0 49.2
125 38.3 0.0 31.8

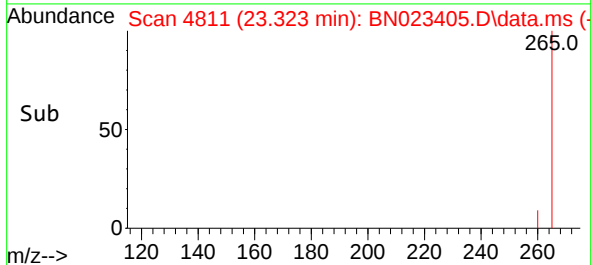
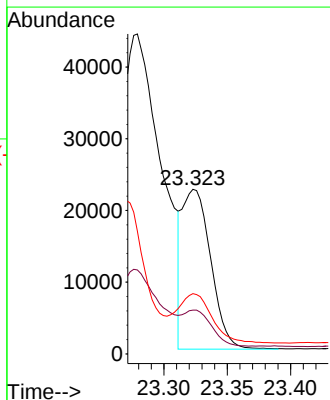
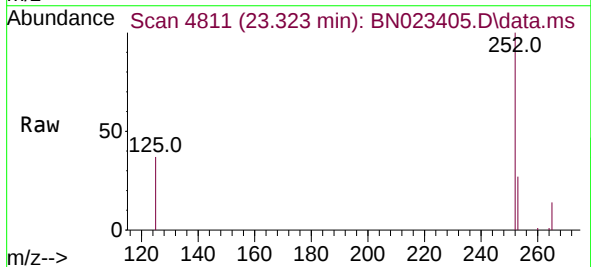
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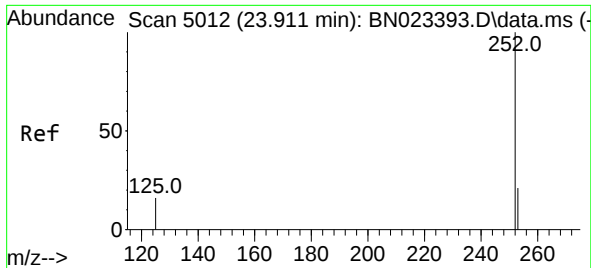
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.483 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

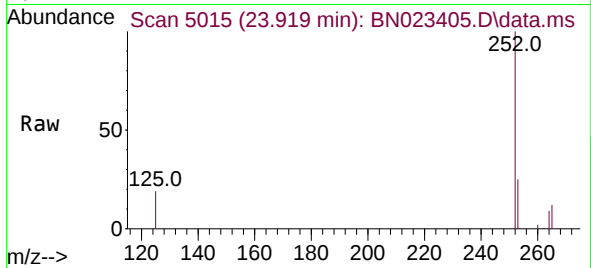
Tgt Ion:252 Resp: 34840
Ion Ratio Lower Upper
252 100
253 26.6 19.8 29.6
125 36.6 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.949 ng/ul
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

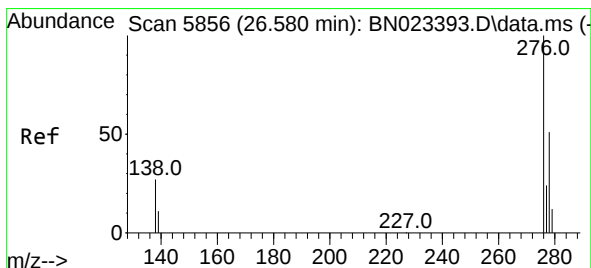
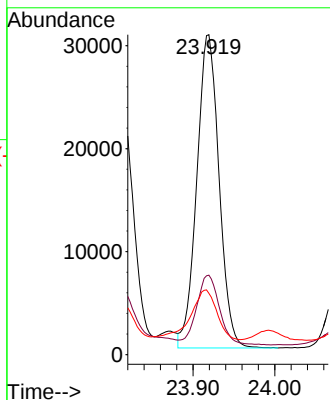
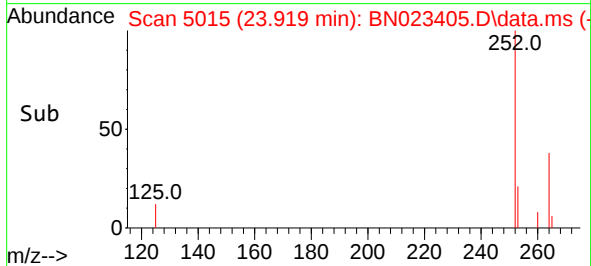
Instrument :
BNA_N
ClientSampleId :
DBYH2



Tgt Ion:252 Resp: 57719
Ion Ratio Lower Upper
252 100
253 24.8 21.4 32.2
125 19.1 16.2 24.4

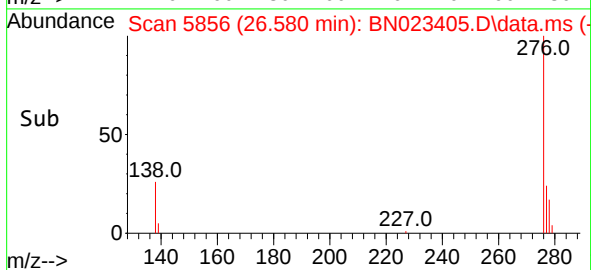
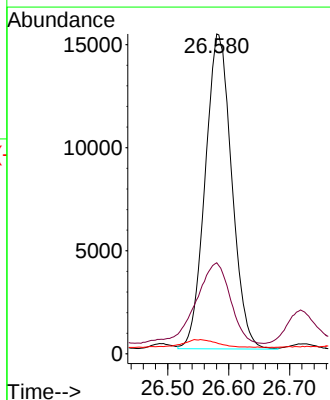
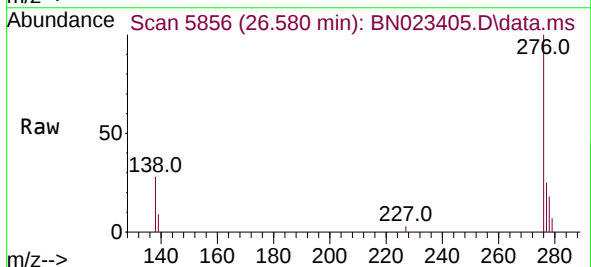
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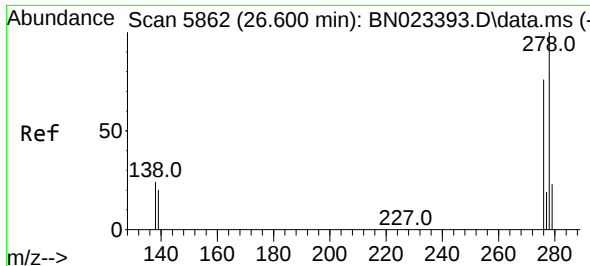
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.650 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

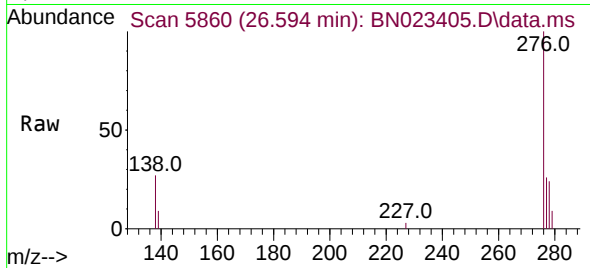
Tgt Ion:276 Resp: 46149
Ion Ratio Lower Upper
276 100
138 33.2 23.4 35.2
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.207 ng/ul
RT: 26.594 min Scan# 5862
Delta R.T. -0.008 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51

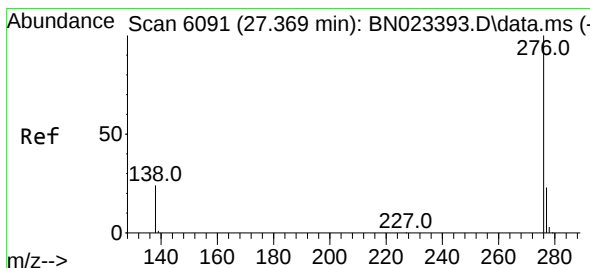
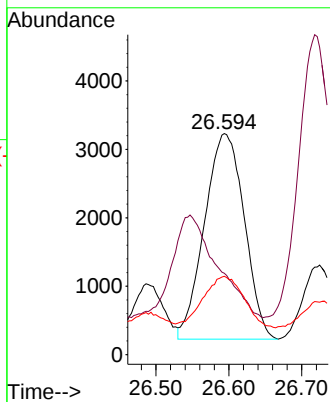
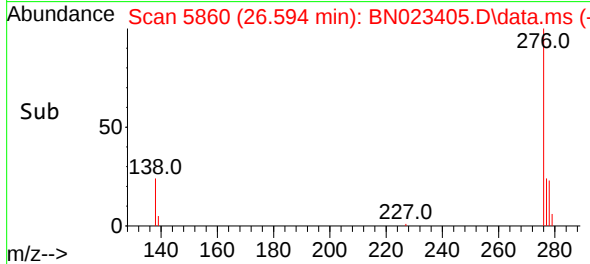
Instrument :
BNA_N
ClientSampleId :
DBYH2



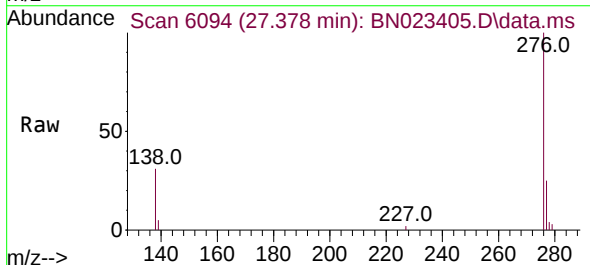
Tgt Ion:278 Resp: 11389
Ion Ratio Lower Upper
278 100
139 36.8 16.6 24.8
279 35.4 21.3 31.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.774 ng/ul
RT: 27.378 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023405.D
Acq: 24 Dec 2022 11:51



Tgt Ion:276 Resp: 44805
Ion Ratio Lower Upper
276 100
138 30.8 20.3 30.5
277 25.0 19.7 29.5

