

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023398.D
 Acq On : 24 Dec 2022 07:40
 Operator : CG/JU
 Sample : N6015-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT6

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:17:01 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

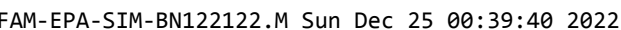
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

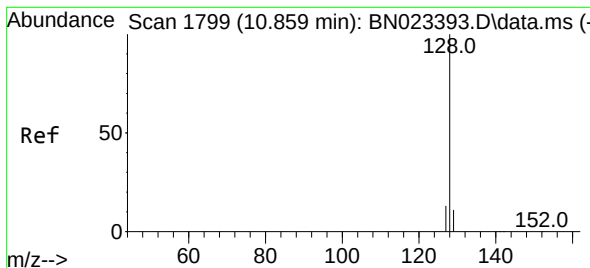
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	6998	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23200	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.640	164	13854	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	32838	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.579	240	22794	0.400	ng/ul	# 0.00
23) Perylene-d12	24.026	264	17884	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	32855	4.321	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	10103	0.282	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	24281	0.295	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	2686	0.039	ng/ul#	90
7) 2-Methylnaphthalene	12.470	142	1438	0.033	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	1098	0.024	ng/ul	85
10) Acenaphthylene	14.363	152	1565	0.025	ng/ul#	75
15) Phenanthrene	17.428	178	18268	0.171	ng/ul#	79
16) Anthracene	17.521	178	2550	0.029	ng/ul#	80
19) Fluoranthene	19.448	202	49970	0.452	ng/ul#	82
20) Pyrene	19.810	202	37476m	0.336	ng/ul	
21) Benzo(a)anthracene	21.562	228	21305	0.240	ng/ul#	95
22) Chrysene	21.615	228	25853	0.286	ng/ul#	91
24) Benzo(b)fluoranthene	23.278	252	36594m	0.396	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	11222m	0.129	ng/ul	
26) Benzo(a)pyrene	23.918	252	20988	0.287	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.585	276	17138	0.200	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.592	278	4301	0.065	ng/ul#	25
29) Benzo(g,h,i)perylene	27.377	276	17472	0.251	ng/ul#	44

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

Manual Integrations

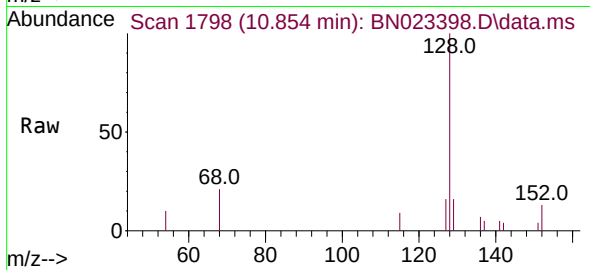
Quant Time: Dec 24 23:17:01 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.854 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

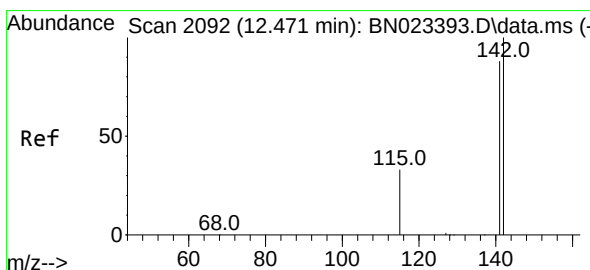
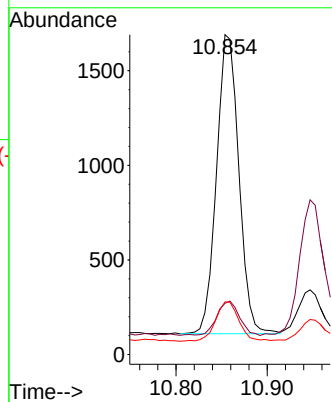
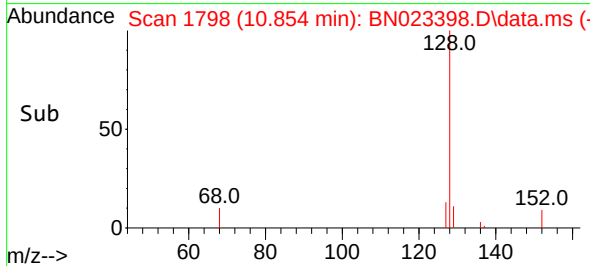
Instrument :
BNA_N
ClientSampleId :
DBXT6



Tgt Ion:128 Resp: 2686
Ion Ratio Lower Upper
128 100
129 16.0 9.0 13.4
127 16.4 10.7 16.1

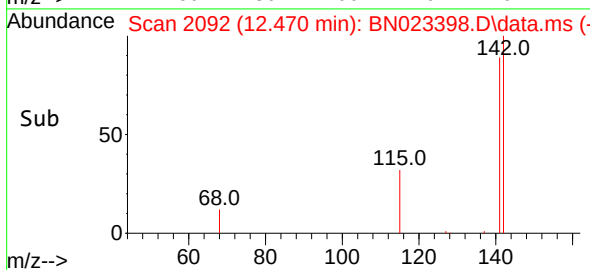
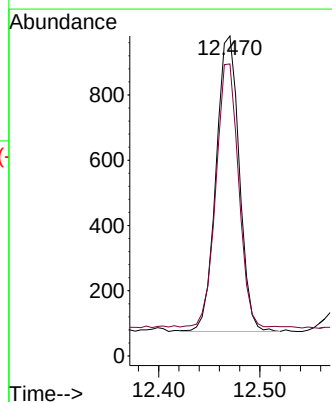
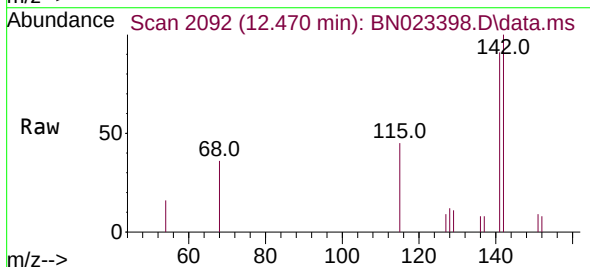
Manual Integrations
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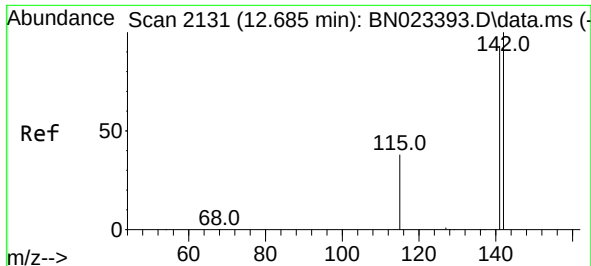
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.006 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

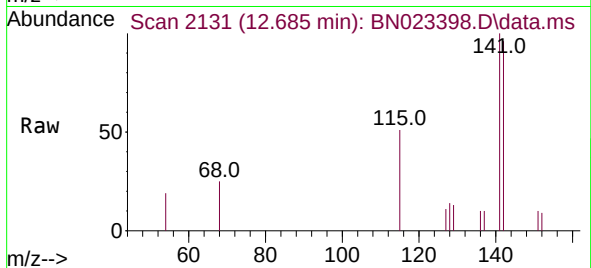
Tgt Ion:142 Resp: 1438
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

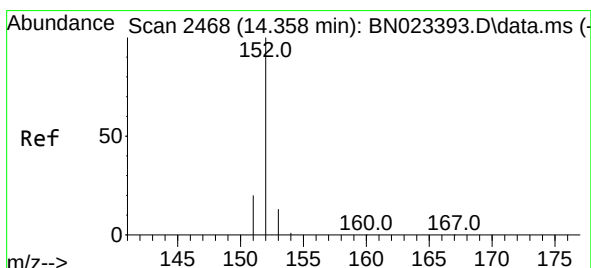
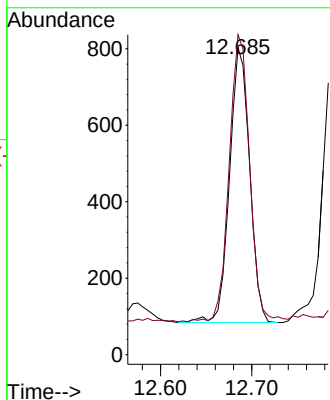
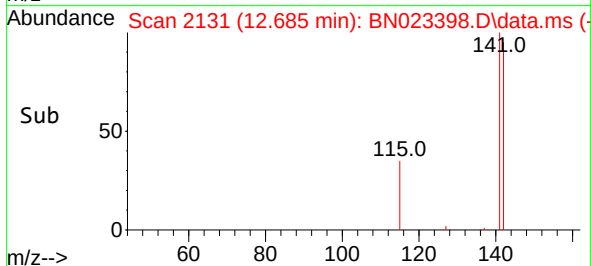
Instrument :
BNA_N
ClientSampleId :
DBXT6



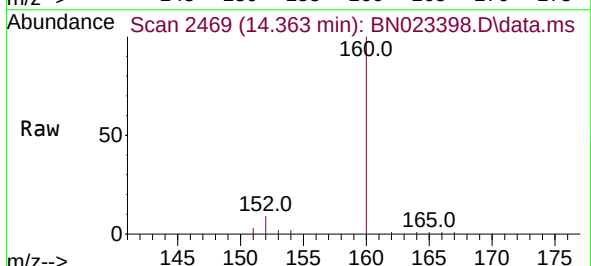
Tgt Ion:142 Resp: 1098
Ion Ratio Lower Upper
142 100
141 107.0 74.0 111.0

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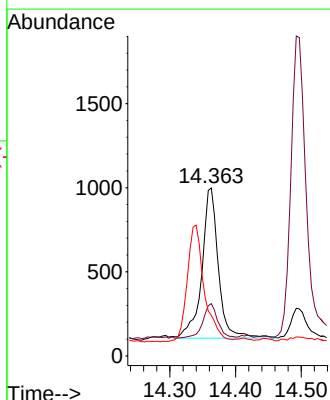
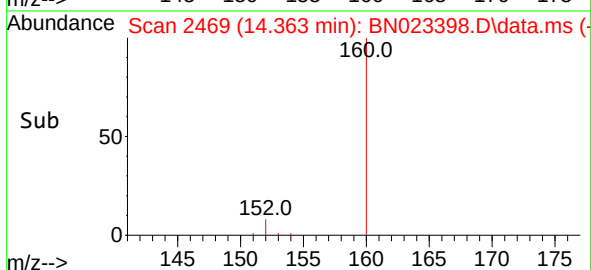
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

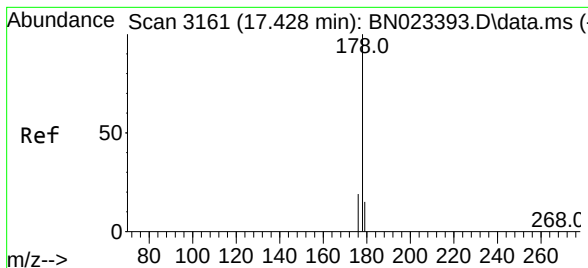


#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.006 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40



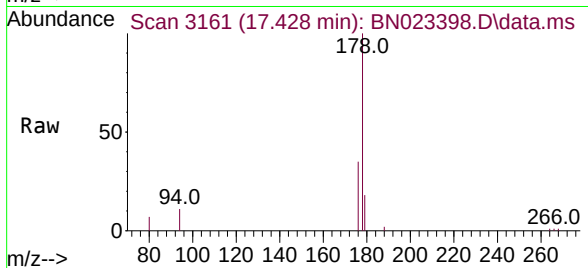
Tgt Ion:152 Resp: 1565
Ion Ratio Lower Upper
152 100
151 31.1 16.1 24.1#
153 24.1 10.9 16.3#





#15
Phenanthrene
Concen: 0.171 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

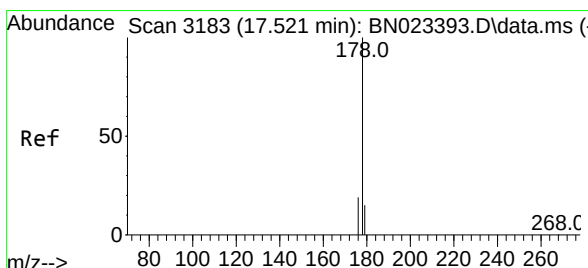
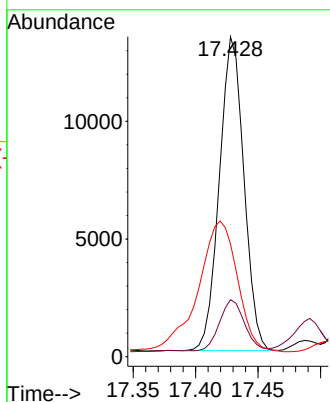
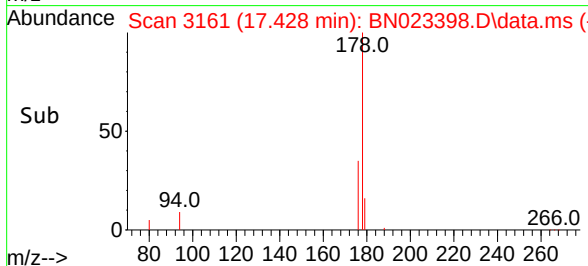
Instrument :
BNA_N
ClientSampleId :
DBXT6



Tgt Ion:178 Resp: 18268
Ion Ratio Lower Upper
178 100
179 17.8 12.5 18.7
176 35.2 15.7 23.5

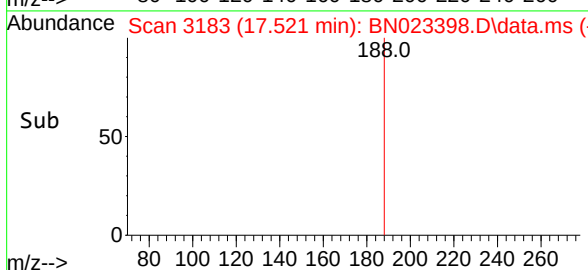
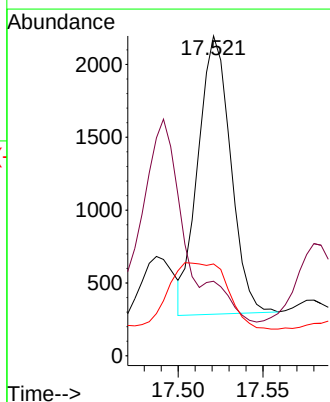
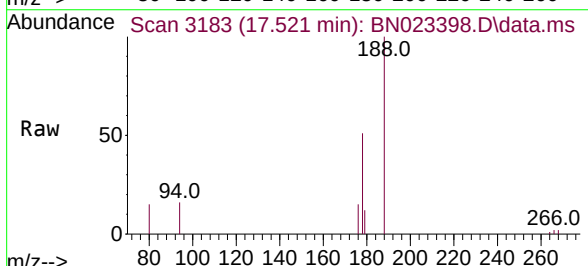
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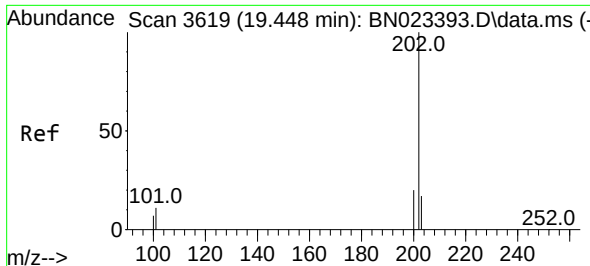
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#16
Anthracene
Concen: 0.029 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

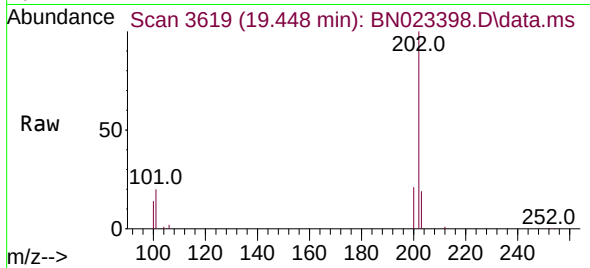
Tgt Ion:178 Resp: 2550
Ion Ratio Lower Upper
178 100
179 23.3 12.6 18.8#
176 28.7 15.4 23.0#





#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

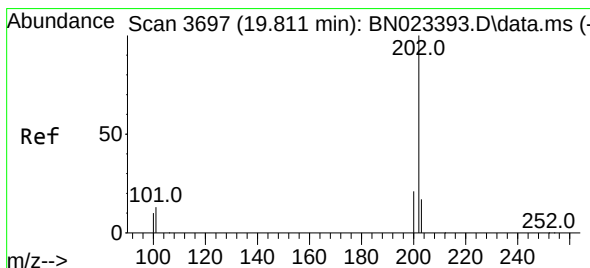
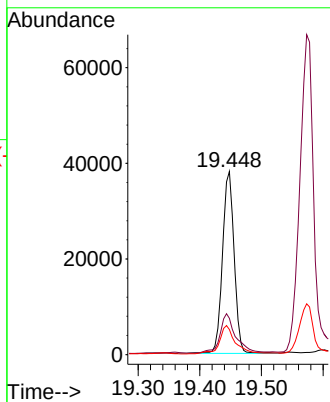
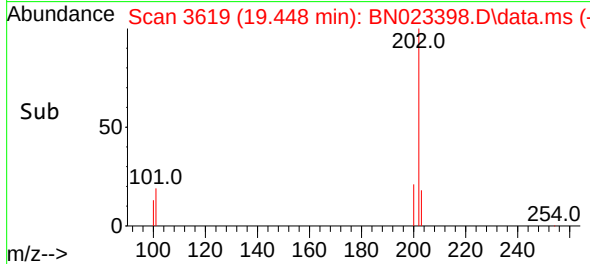
Instrument :
BNA_N
ClientSampleId :
DBXT6



Tgt Ion:202 Resp: 49976
Ion Ratio Lower Upper
202 100
101 19.8 9.4 14.2
100 13.7 7.0 10.6

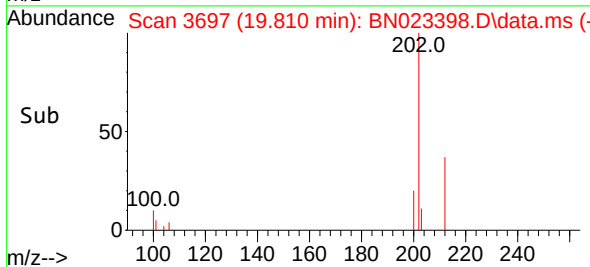
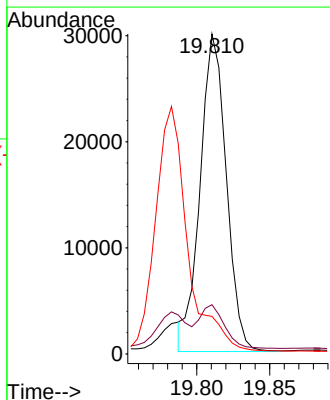
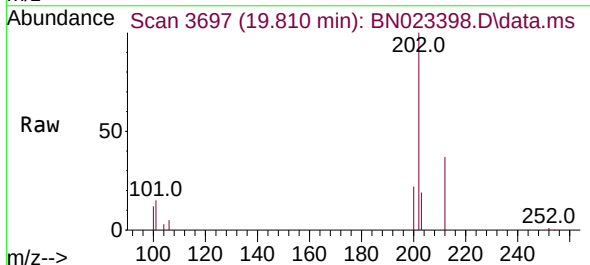
Manual Integrations
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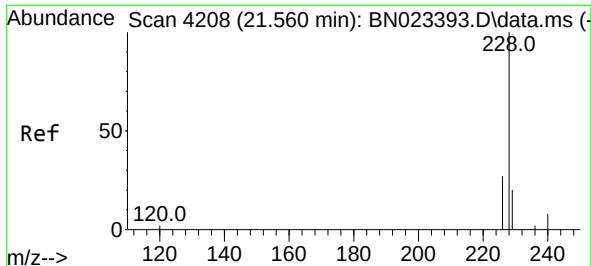
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.336 ng/ul m
RT: 19.810 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

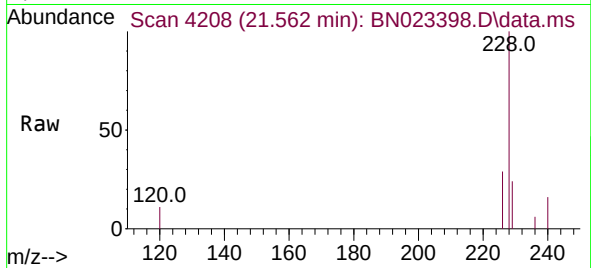
Tgt Ion:202 Resp: 37476
Ion Ratio Lower Upper
202 100
101 15.4 11.3 16.9
100 11.7 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.240 ng/ul
RT: 21.562 min Scan# 4208
Delta R.T. 0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

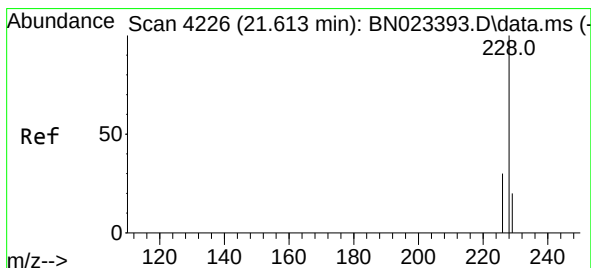
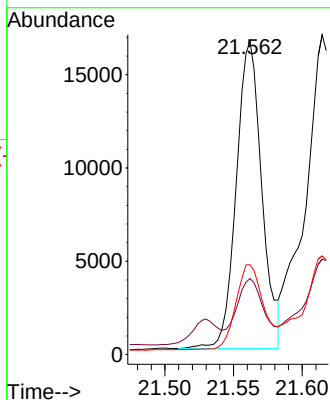
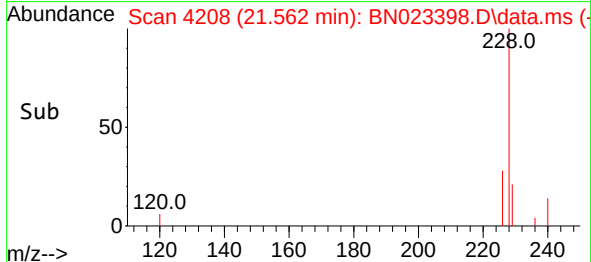
Instrument :
BNA_N
ClientSampleId :
DBXT6



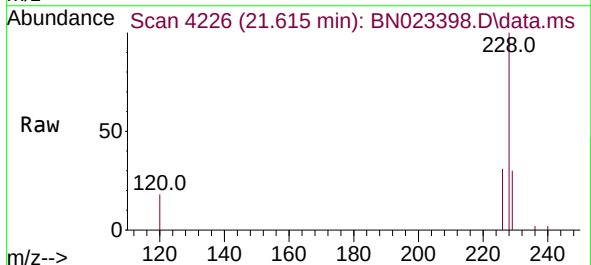
Tgt Ion:228 Resp: 21305
Ion Ratio Lower Upper
228 100
229 24.3 15.6 23.4
226 28.7 22.2 33.2

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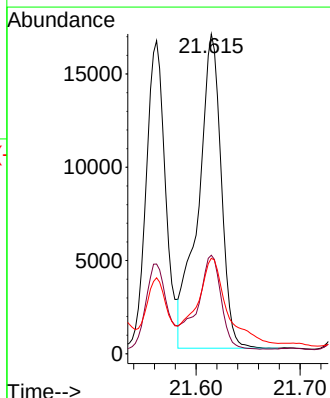
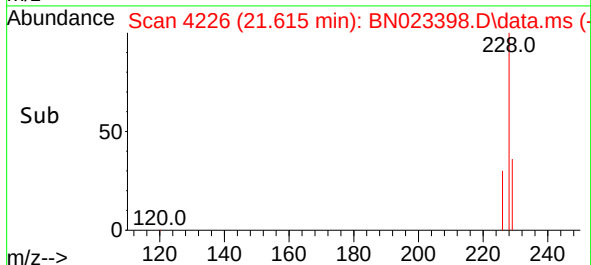
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

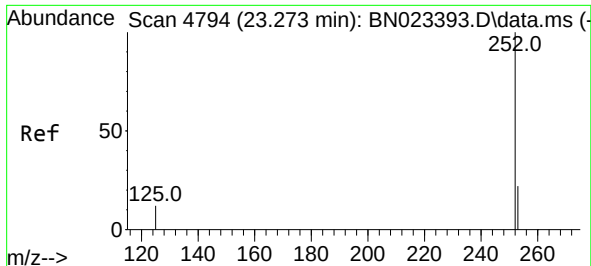


#22
Chrysene
Concen: 0.286 ng/ul
RT: 21.615 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40



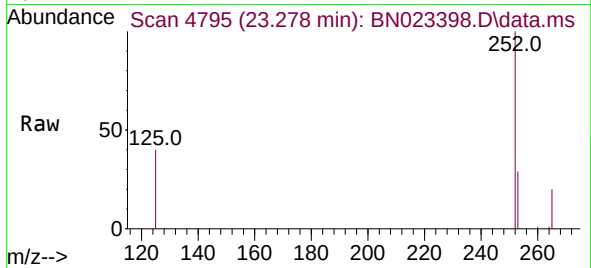
Tgt Ion:228 Resp: 25853
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 29.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 23.278 min Scan# 4794
Delta R.T. 0.004 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

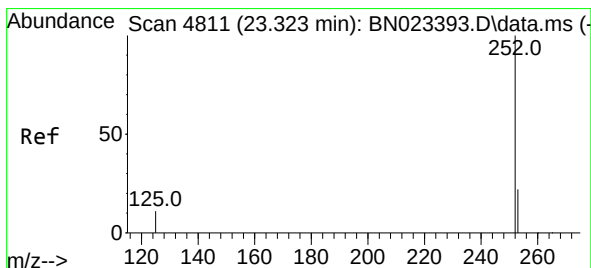
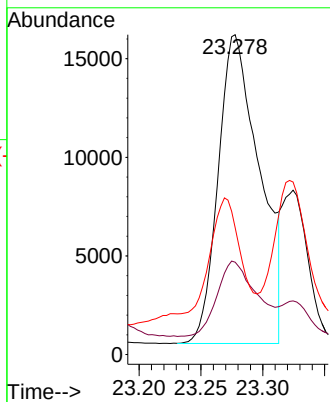
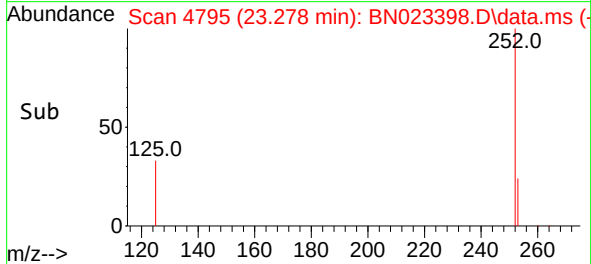
Instrument :
BNA_N
ClientSampleId :
DBXT6



Tgt Ion:252 Resp: 36594
Ion Ratio Lower Upper
252 100
253 28.9 0.0 49.2
125 39.7 0.0 31.8

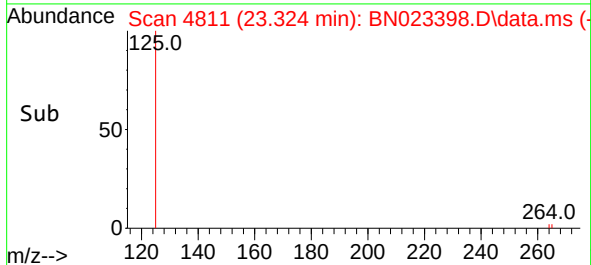
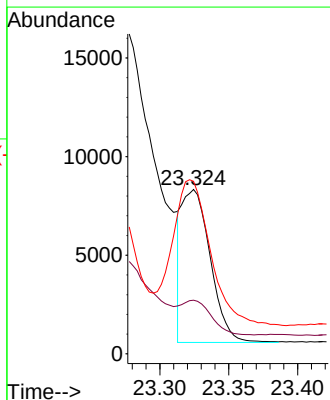
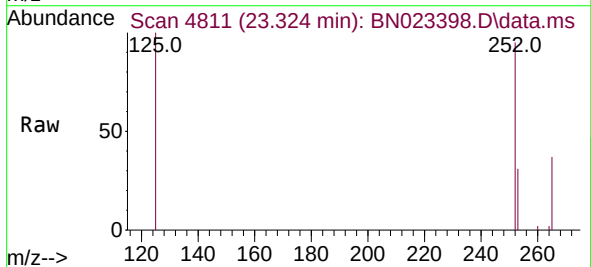
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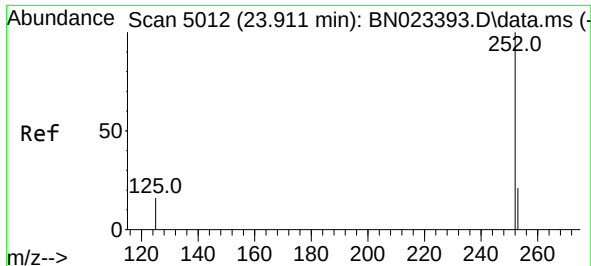
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.129 ng/ul m
RT: 23.324 min Scan# 4811
Delta R.T. 0.001 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

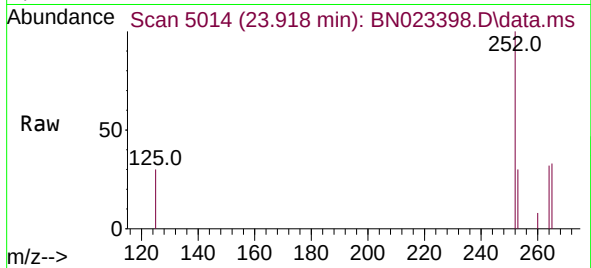
Tgt Ion:252 Resp: 11222
Ion Ratio Lower Upper
252 100
253 32.7 19.8 29.6#
125 105.0 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.287 ng/ul
RT: 23.918 min Scan# 5014
Delta R.T. 0.004 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

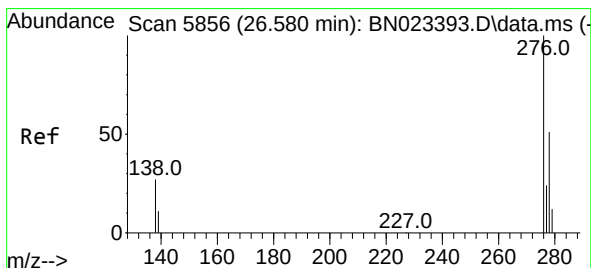
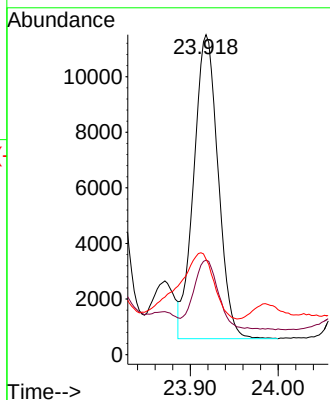
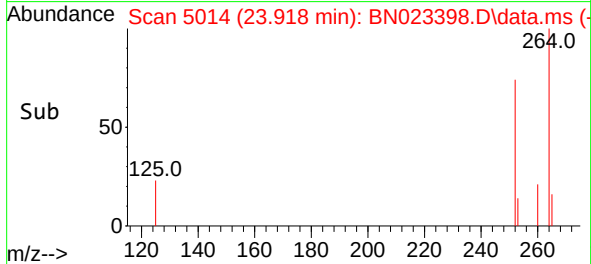
Instrument :
BNA_N
ClientSampleId :
DBXT6



Tgt Ion:252 Resp: 20988
Ion Ratio Lower Upper
252 100
253 29.6 21.4 32.2
125 29.8 16.2 24.4

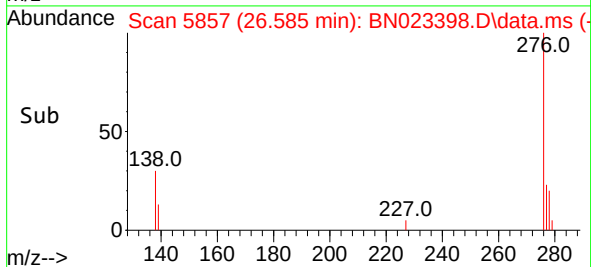
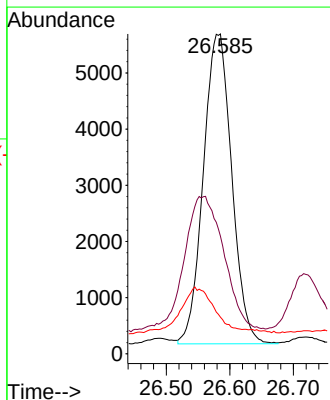
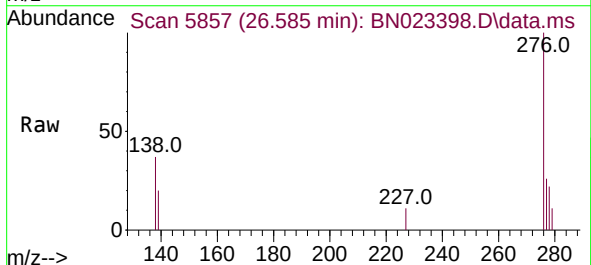
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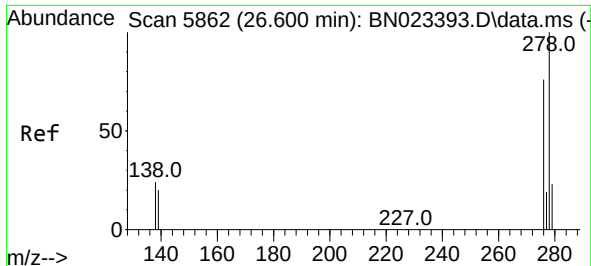
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.200 ng/ul
RT: 26.585 min Scan# 5857
Delta R.T. 0.008 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Tgt Ion:276 Resp: 17138
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0





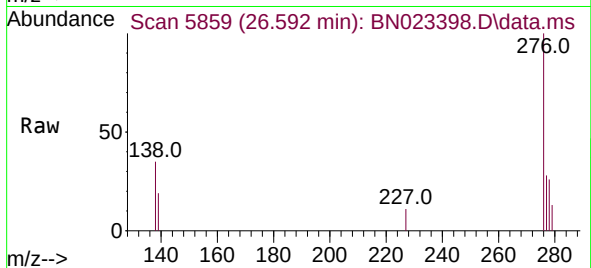
#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 26.592 min Scan# 5862
Delta R.T. -0.009 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40

Instrument :

BNA_N

ClientSampleId :

DBXT6

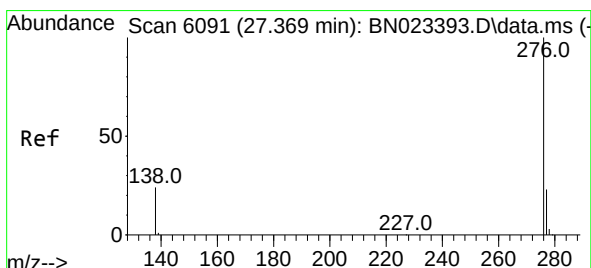
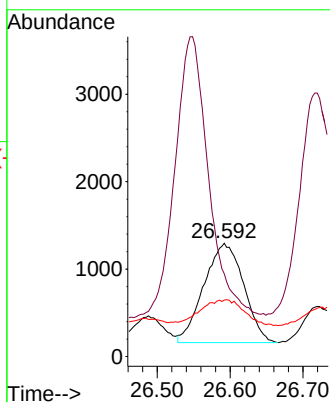
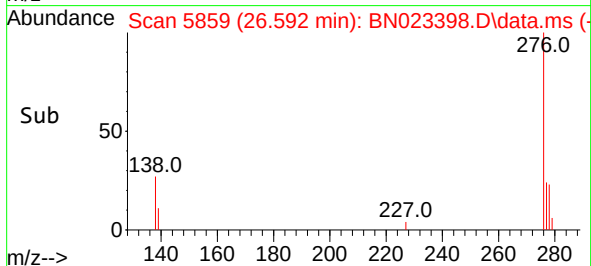


Tgt Ion:278 Resp: 4301
Ion Ratio Lower Upper
278 100
139 73.0 16.6 24.8#
279 49.8 21.3 31.9#

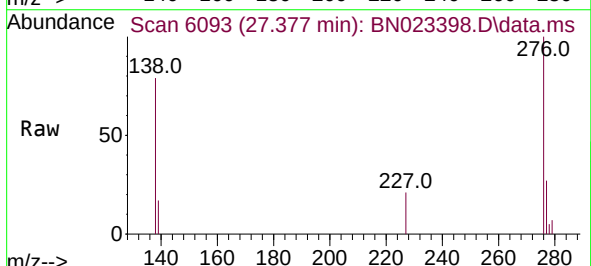
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.251 ng/ul
RT: 27.377 min Scan# 6093
Delta R.T. 0.008 min
Lab File: BN023398.D
Acq: 24 Dec 2022 07:40



Tgt Ion:276 Resp: 17472
Ion Ratio Lower Upper
276 100
138 79.2 20.3 30.5#
277 26.7 19.7 29.5

