

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023409.D
 Acq On : 24 Dec 2022 14:15
 Operator : CG/JU
 Sample : N6018-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYJ3

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:18:43 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	7166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	23783	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	14305	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	31895	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	22730	0.400	ng/ul	# 0.00
23) Perylene-d12	24.028	264	15785	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	28893	3.711	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	9983	0.271	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	22841	0.278	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.859	128	3499	0.050	ng/ul#	92
7) 2-Methylnaphthalene	12.470	142	3150	0.071	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	2523	0.055	ng/ul	100
15) Phenanthrene	17.429	178	12697	0.122	ng/ul	97
19) Fluoranthene	19.444	202	32076	0.291	ng/ul#	92
20) Pyrene	19.811	202	24584m	0.221	ng/ul	
21) Benzo(a)anthracene	21.558	228	13060	0.148	ng/ul#	90
22) Chrysene	21.614	228	16979	0.189	ng/ul#	80
24) Benzo(b)fluoranthene	23.277	252	21647m	0.265	ng/ul	
25) Benzo(k)fluoranthene	23.324	252	6793m	0.089	ng/ul	
26) Benzo(a)pyrene	23.920	252	11920	0.184	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.584	276	9583	0.127	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.595	278	2408	0.041	ng/ul#	4
29) Benzo(g,h,i)perylene	27.376	276	9600	0.156	ng/ul#	81

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

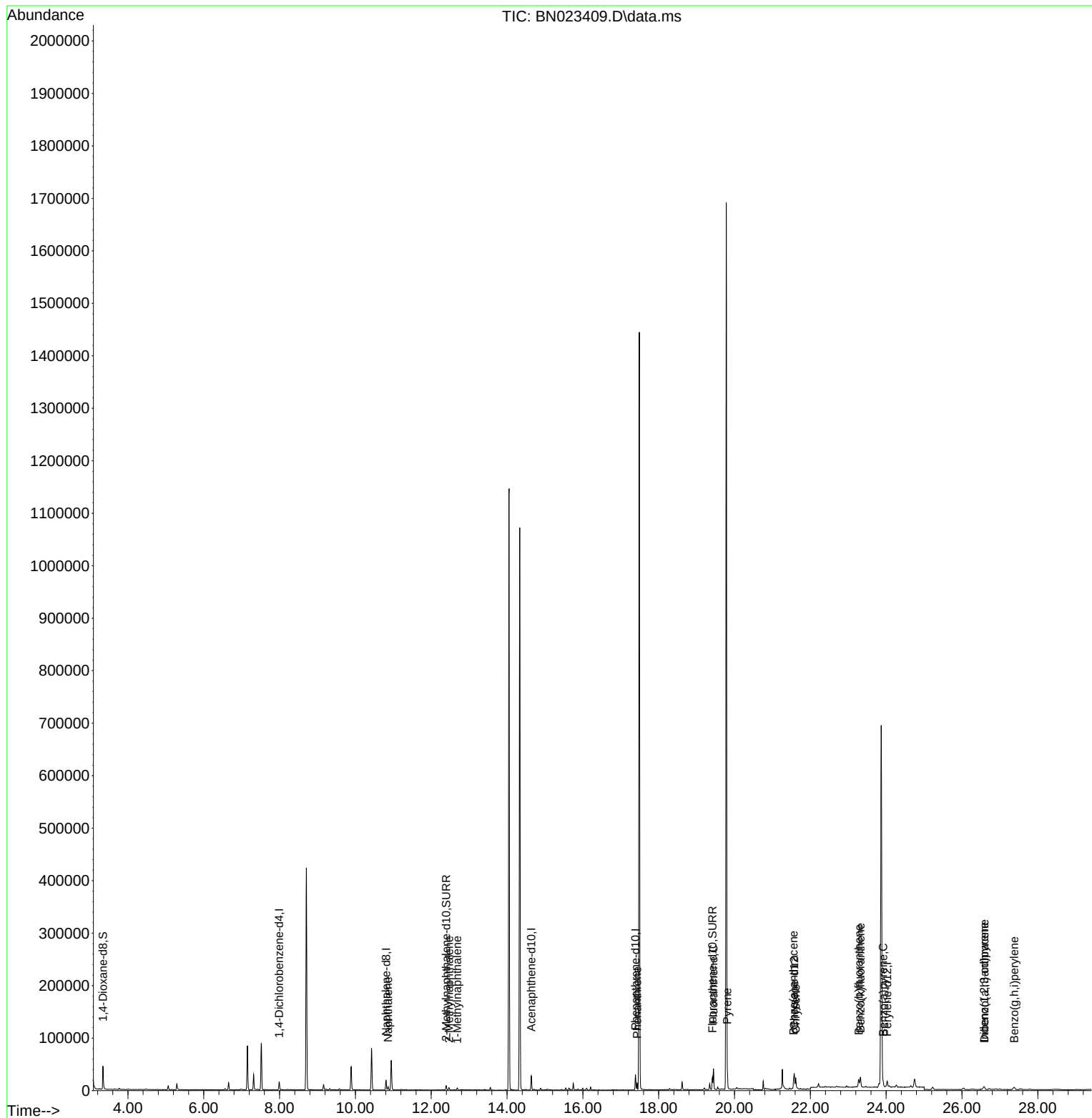
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023409.D
Acq On : 24 Dec 2022 14:15
Operator : CG/JU
Sample : N6018-13
Misc :
ALS Vial : 36 Sample Multiplier: 1

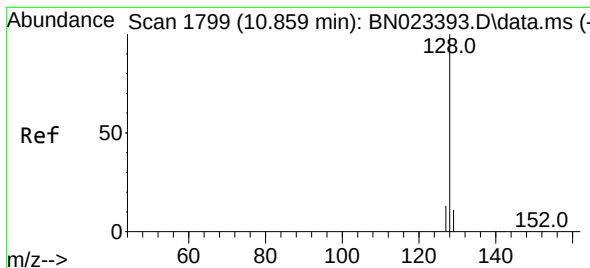
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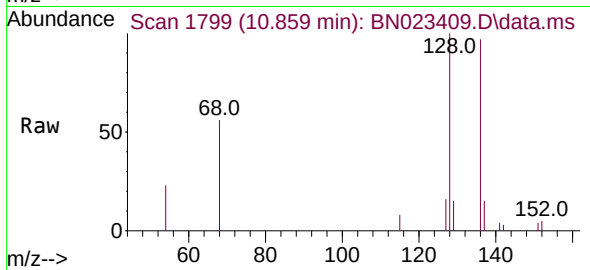
Quant Time: Dec 24 23:18:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

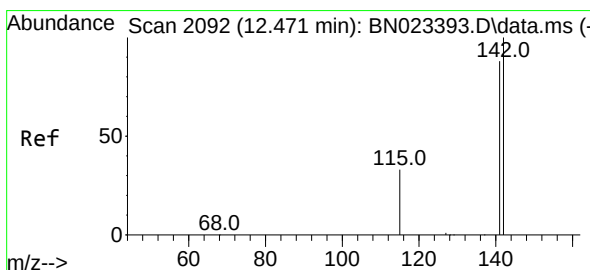
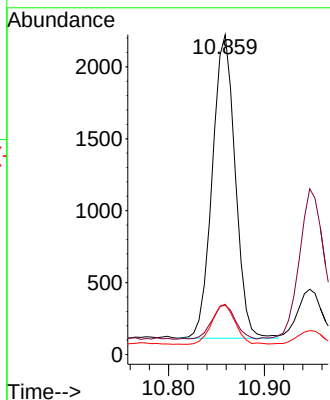
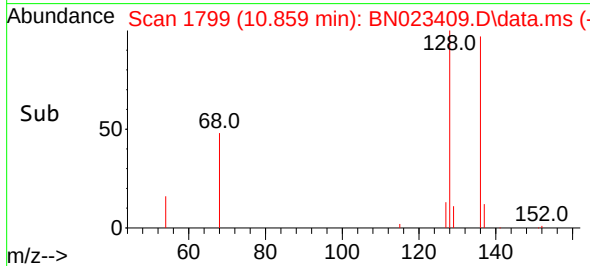
Instrument :
BNA_N
ClientSampleId :
DBYJ3



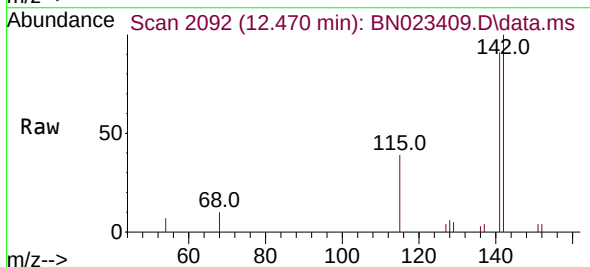
Tgt Ion:128 Resp: 3499
Ion Ratio Lower Upper
128 100
129 15.5 9.0 13.4
127 15.7 10.7 16.1

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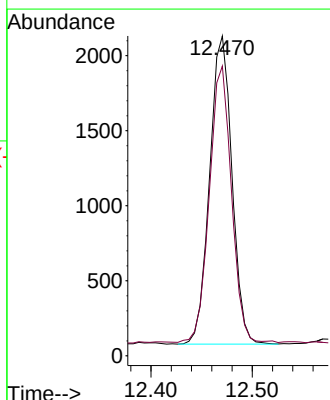
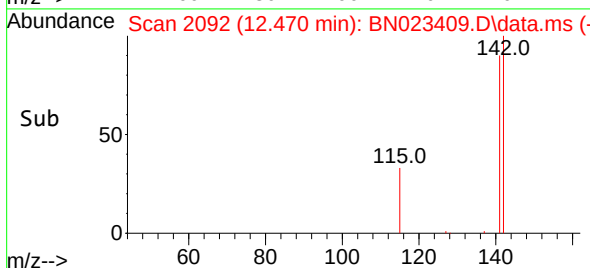
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

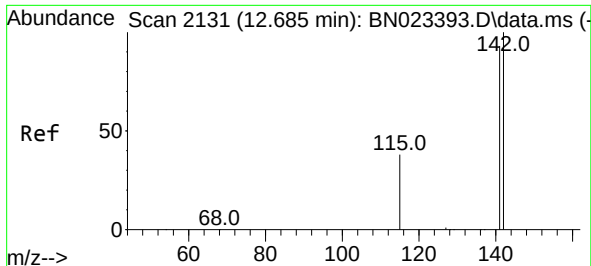


#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15



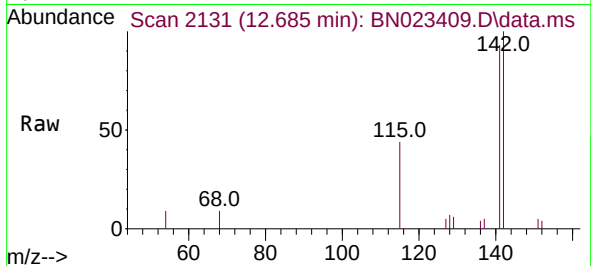
Tgt Ion:142 Resp: 3150
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

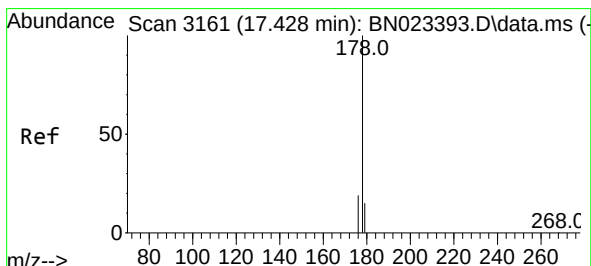
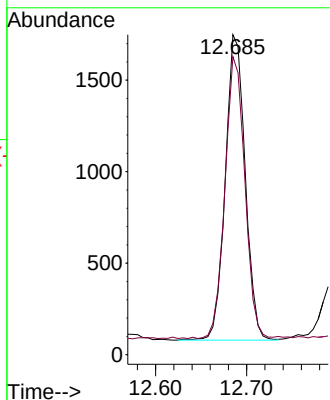
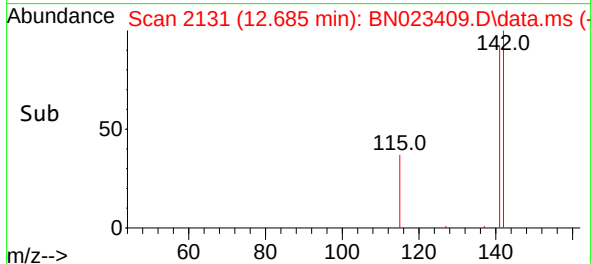
Instrument :
BNA_N
ClientSampleId :
DBYJ3



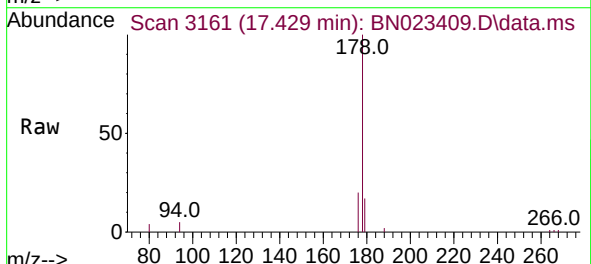
Tgt Ion:142 Resp: 2523
Ion Ratio Lower Upper
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141 92.7 74.0 111.0

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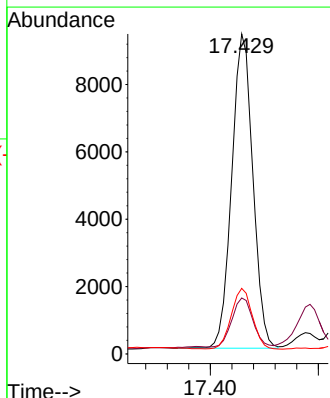
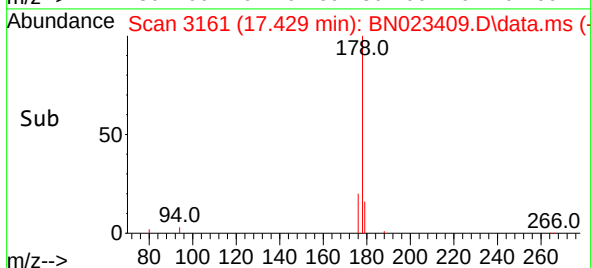
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

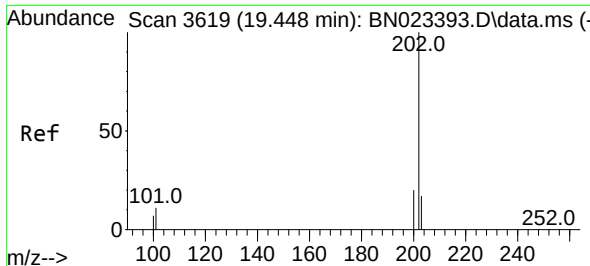


#15
Phenanthrene
Concen: 0.122 ng/ul
RT: 17.429 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15



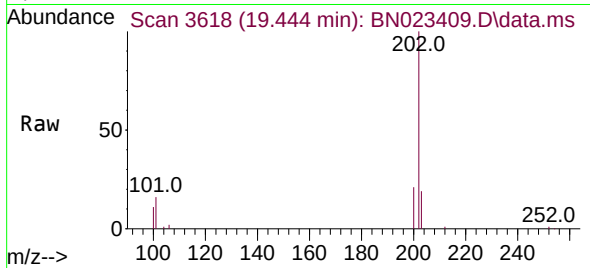
Tgt Ion:178 Resp: 12697
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 20.5 15.7 23.5





#19
Fluoranthene
Concen: 0.291 ng/ul
RT: 19.444 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

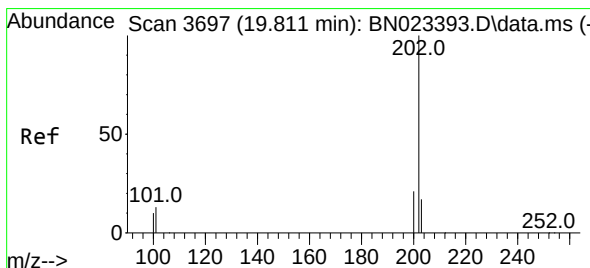
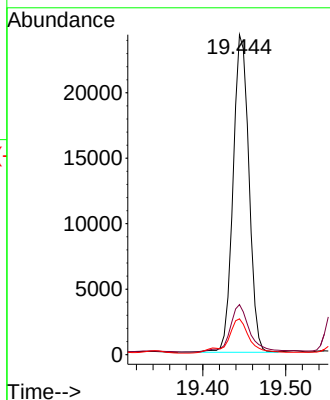
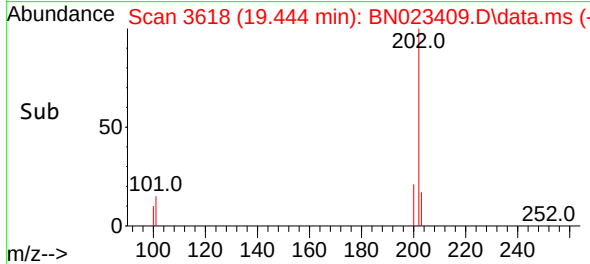
Instrument :
BNA_N
ClientSampleId :
DBYJ3



Tgt Ion:202 Resp: 32076
Ion Ratio Lower Upper
202 100
101 15.6 9.4 14.2
100 11.2 7.0 10.6

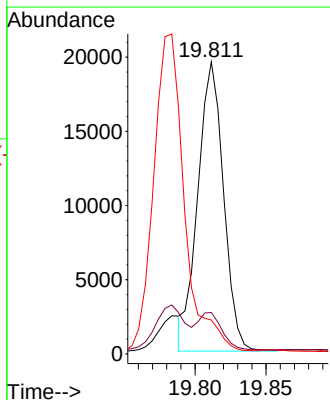
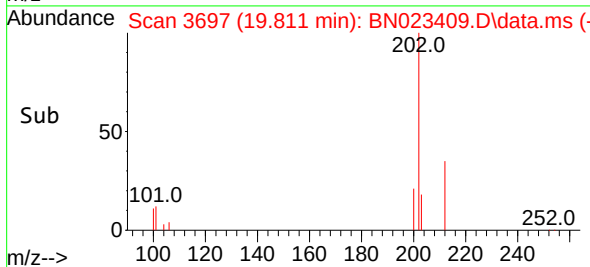
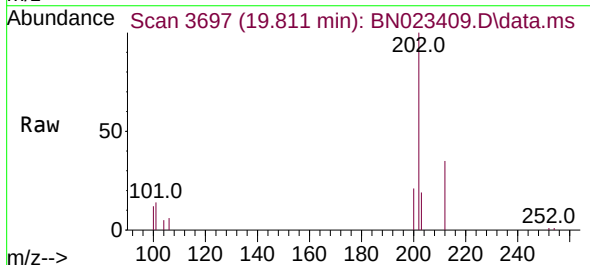
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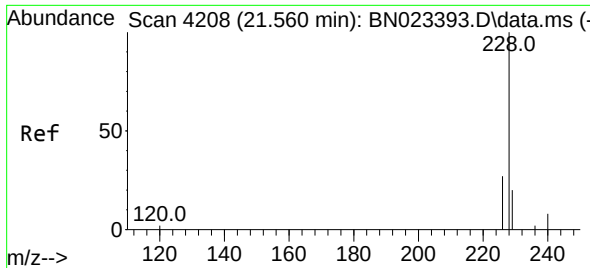
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 0.221 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.000 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

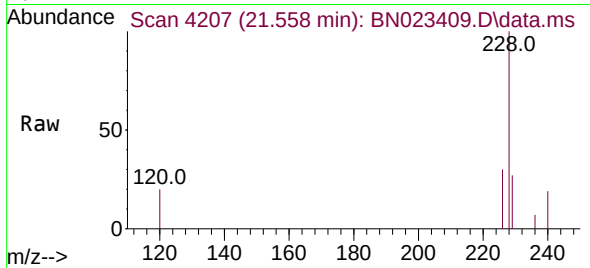
Tgt Ion:202 Resp: 24584
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.6 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.148 ng/ul
RT: 21.558 min Scan# 4207
Delta R.T. -0.003 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

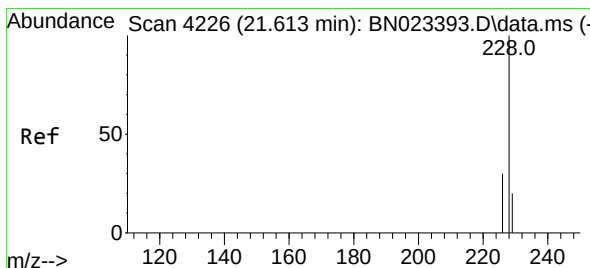
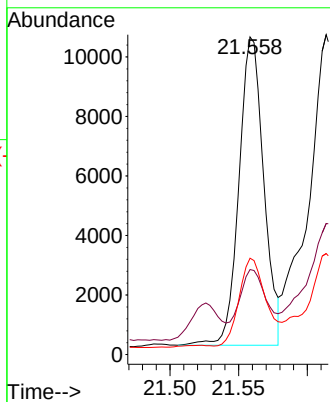
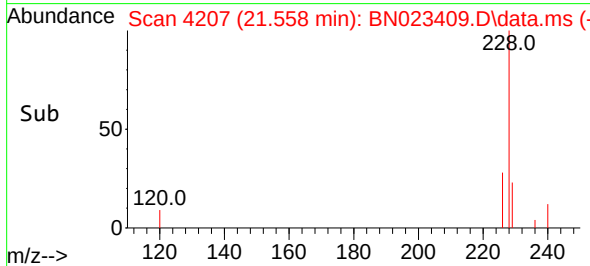
Instrument :
BNA_N
ClientSampleId :
DBYJ3



Tgt Ion:228 Resp: 13060
Ion Ratio Lower Upper
228 100
229 26.8 15.6 23.4
226 30.3 22.2 33.2

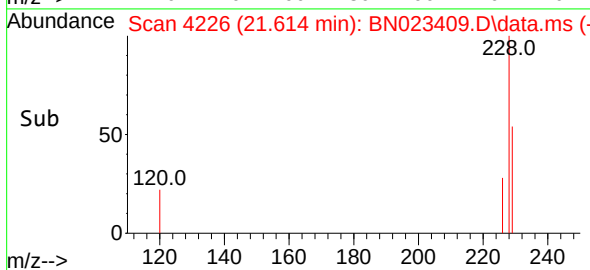
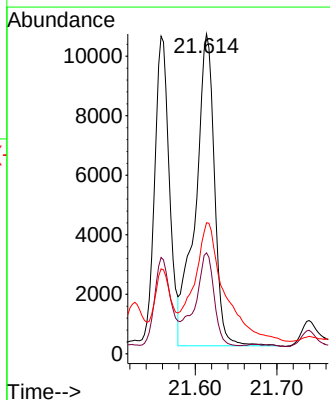
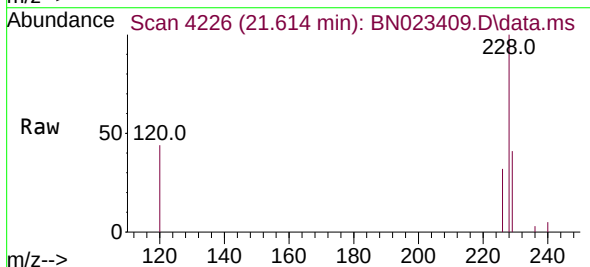
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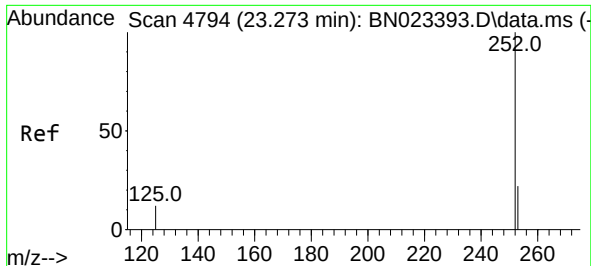
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#22
Chrysene
Concen: 0.189 ng/ul
RT: 21.614 min Scan# 4226
Delta R.T. -0.003 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

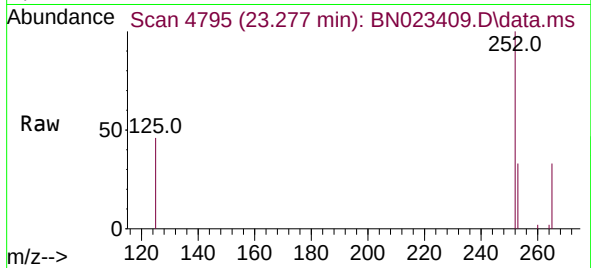
Tgt Ion:228 Resp: 16979
Ion Ratio Lower Upper
228 100
226 31.6 24.3 36.5
229 41.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.265 ng/ul m
RT: 23.277 min Scan# 4794
Delta R.T. 0.003 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

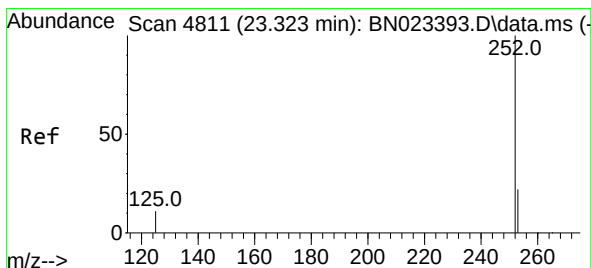
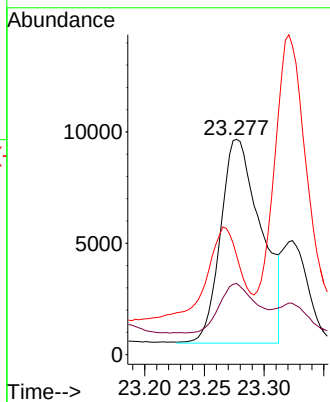
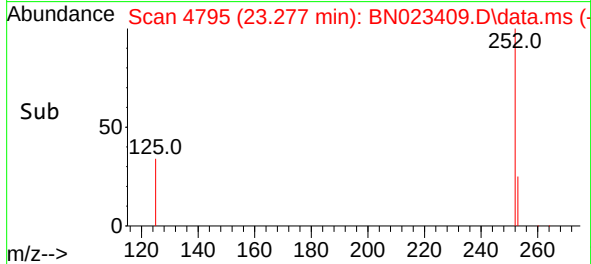
Instrument :
BNA_N
ClientSampleId :
DBYJ3



Tgt Ion:252 Resp: 21647
Ion Ratio Lower Upper
252 100
253 33.0 0.0 49.2
125 46.1 0.0 31.8

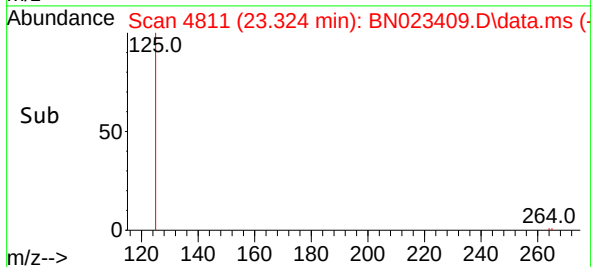
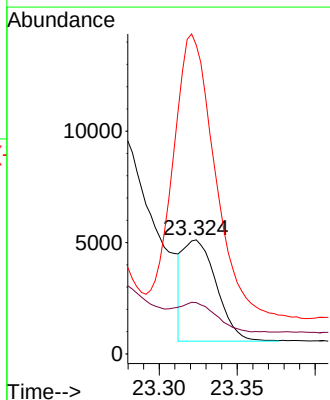
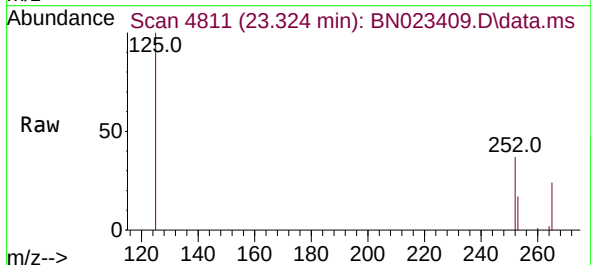
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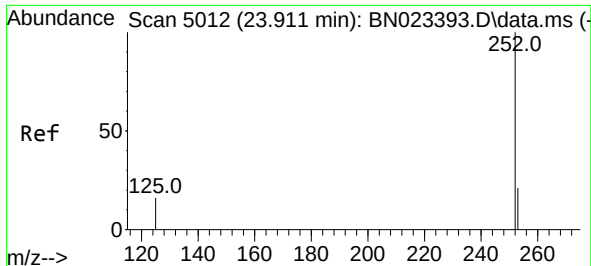
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.089 ng/ul m
RT: 23.324 min Scan# 4811
Delta R.T. 0.000 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

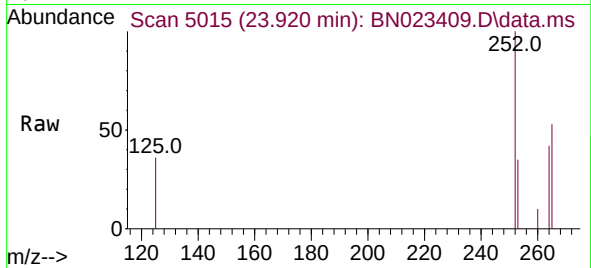
Tgt Ion:252 Resp: 6793
Ion Ratio Lower Upper
252 100
253 45.0 19.8 29.6#
125 270.8 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.184 ng/ul
RT: 23.920 min Scan# 5015
Delta R.T. 0.006 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

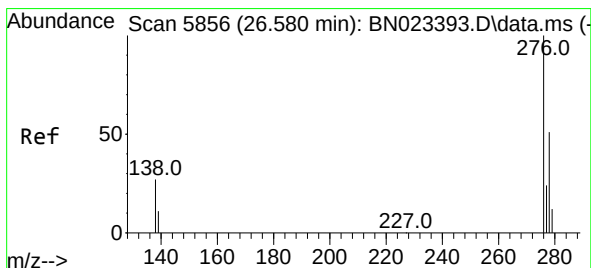
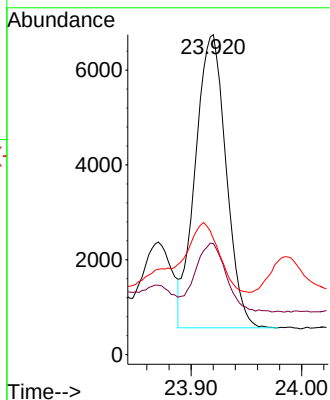
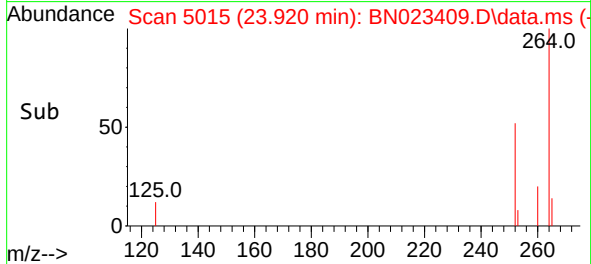
Instrument :
BNA_N
ClientSampleId :
DBYJ3



Tgt Ion:252 Resp: 11920
Ion Ratio Lower Upper
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253 34.7 21.4 32.2#
125 36.2 16.2 24.4#

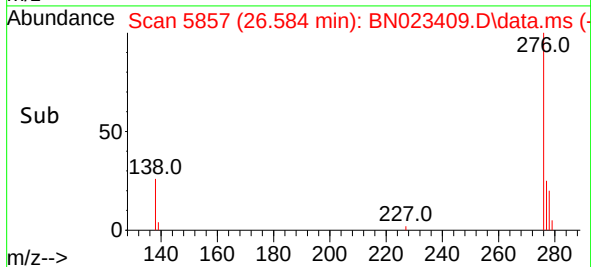
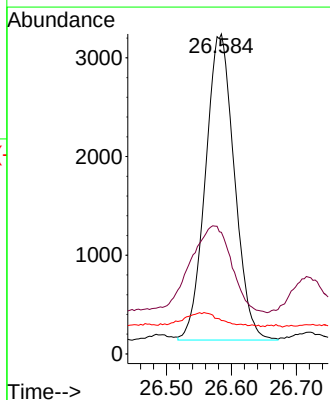
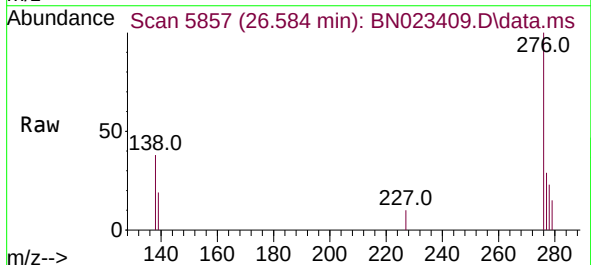
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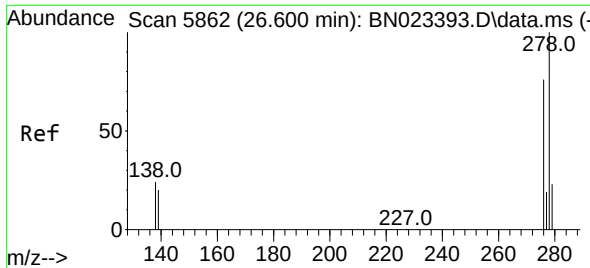
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.127 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.007 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

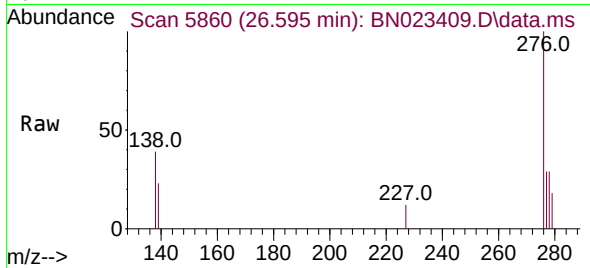
Tgt Ion:276 Resp: 9583
Ion Ratio Lower Upper
276 100
138 40.8 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.041 ng/ul
RT: 26.595 min Scan# 5860
Delta R.T. -0.007 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15

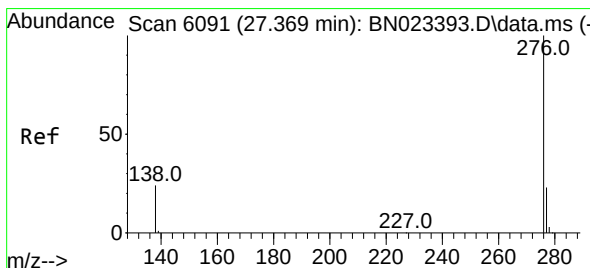
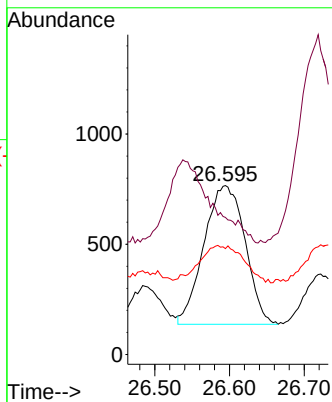
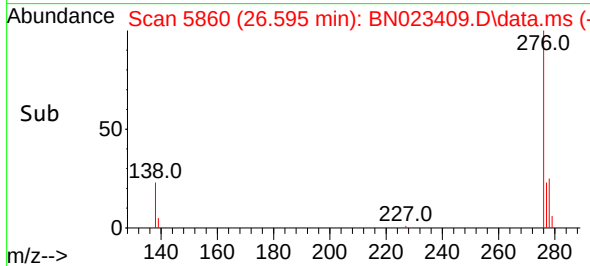
Instrument :
BNA_N
ClientSampleId :
DBYJ3



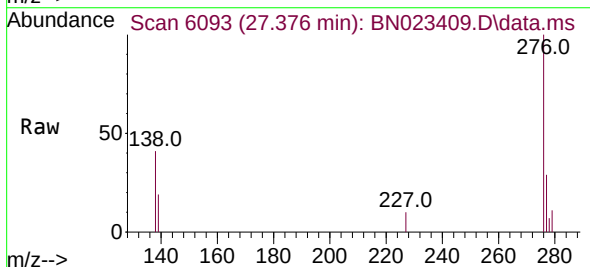
Tgt Ion:278 Resp: 2408
Ion Ratio Lower Upper
278 100
139 81.2 16.6 24.8
279 62.7 21.3 31.9

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.156 ng/ul
RT: 27.376 min Scan# 6093
Delta R.T. 0.007 min
Lab File: BN023409.D
Acq: 24 Dec 2022 14:15



Tgt Ion:276 Resp: 9600
Ion Ratio Lower Upper
276 100
138 40.6 20.3 30.5
277 28.7 19.7 29.5

