

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033111.D
 Acq On : 30 Jul 2024 18:04
 Operator : MA/JU
 Sample : P3347-15
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AZ4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 23:57:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.499	152	1765	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.251	136	6616	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.139	164	4218	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.903	188	10008m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.134	240	9852m	0.400	ng/ul	-0.02
23) Perylene-d12	23.308	264	8718m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	7844	3.513	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.879	152	3079	0.285	ng/ul	-0.05
18) Fluoranthene-d10	18.949	212	9864	0.354	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.301	128	505	0.030	ng/ul#	54
10) Acenaphthylene	13.856	152	2417	0.140	ng/ul#	85
11) Acenaphthene	14.199	153	421	0.032	ng/ul#	88
12) Fluorene	15.198	166	797	0.053	ng/ul#	88
15) Phenanthrene	16.941	178	1012m	0.038	ng/ul	
16) Anthracene	17.038	178	27886m	1.155	ng/ul	
19) Fluoranthene	18.981	202	2006	0.062	ng/ul#	58
21) Benzo(a)anthracene	21.119	228	1431	0.043	ng/ul#	43
22) Chrysene	21.172	228	1181	0.030	ng/ul#	41
24) Benzo(b)fluoranthene	22.662	252	1148	0.045	ng/ul#	1
25) Benzo(k)fluoranthene	22.700	252	725	0.024	ng/ul#	1

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

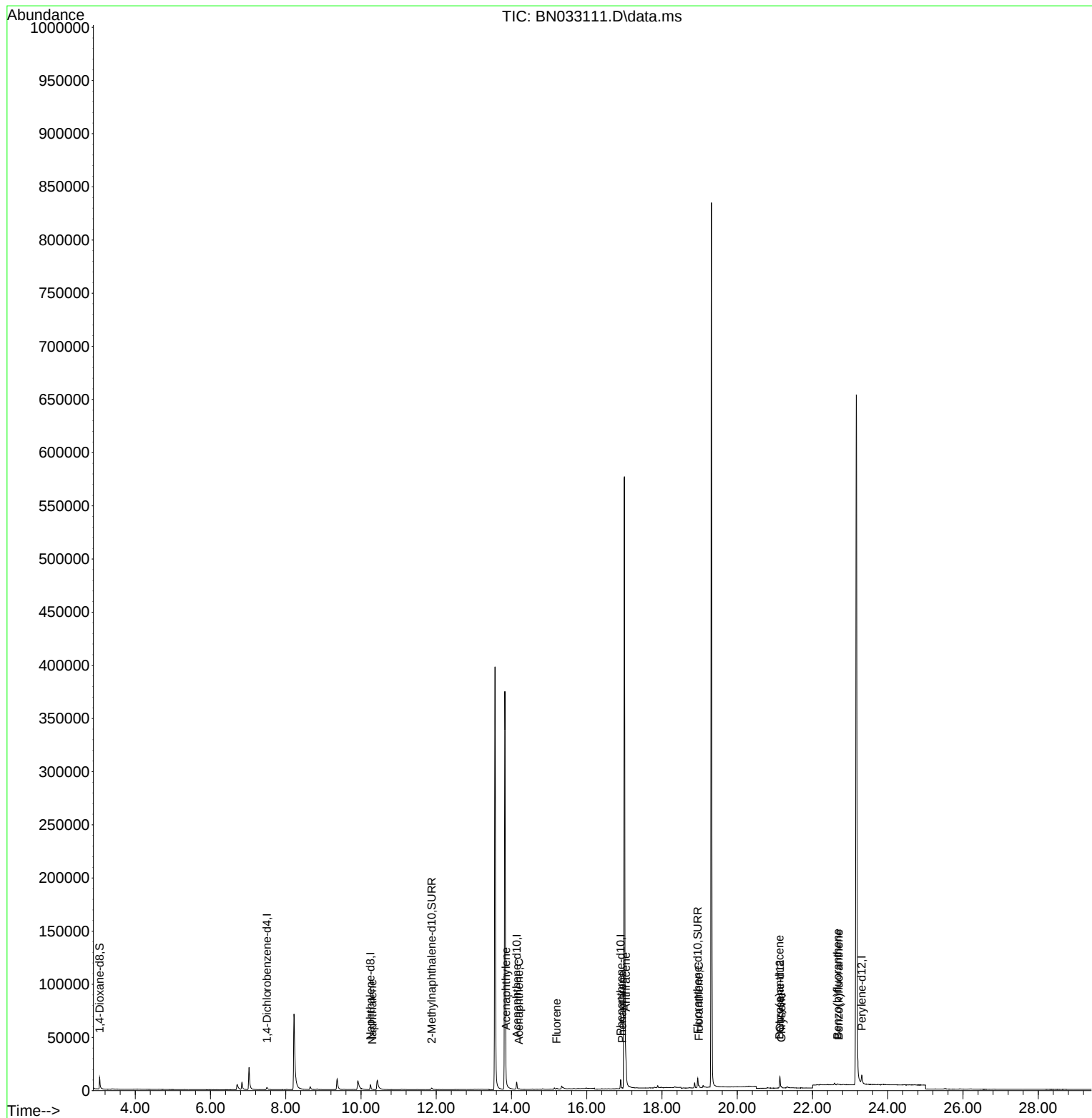
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033111.D
Acq On : 30 Jul 2024 18:04
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Sample : P3347-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

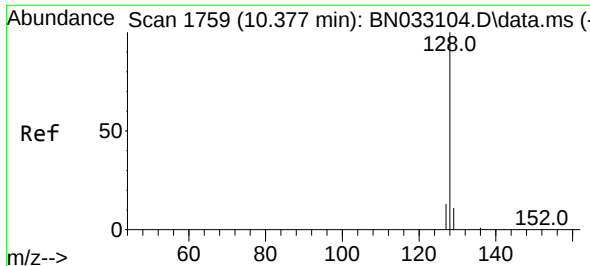
Instrument :
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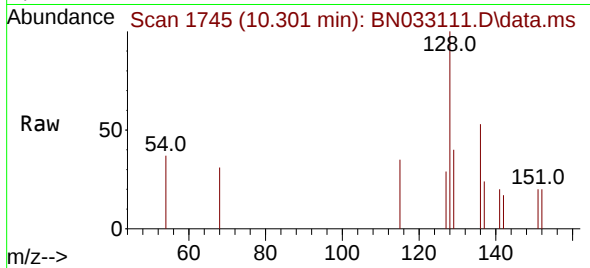
Quant Time: Jul 30 23:57:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
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#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.301 min Scan# 1745
Delta R.T. -0.077 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

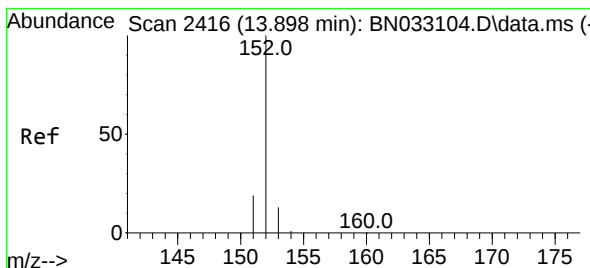
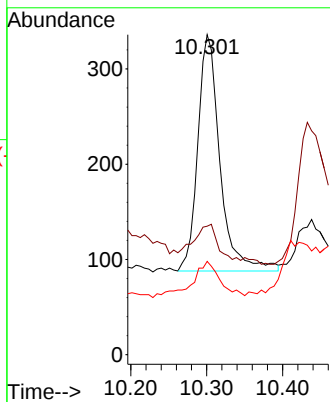
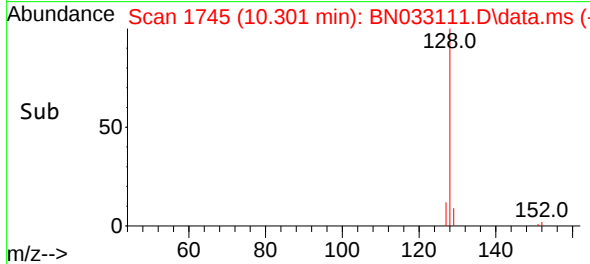
Instrument :
BNA_N
ClientSampleId :
C0AZ4



Tgt Ion:128 Resp: 509
Ion Ratio Lower Upper
128 100
129 40.2 12.0 18.0#
127 29.2 12.7 19.1#

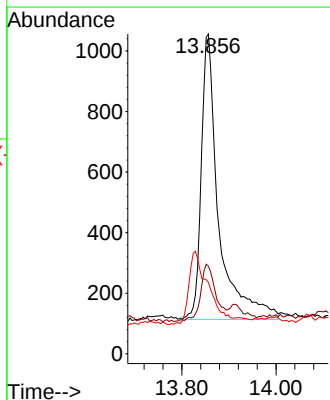
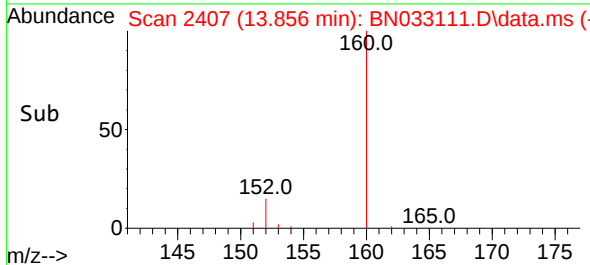
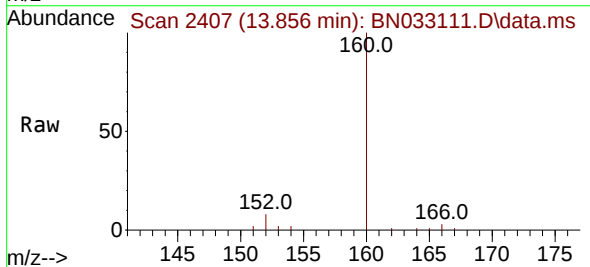
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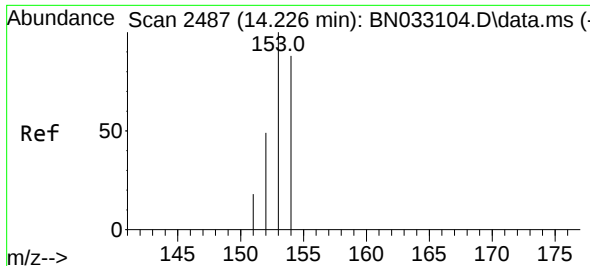
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#10
Acenaphthylene
Concen: 0.140 ng/ul
RT: 13.856 min Scan# 2407
Delta R.T. -0.041 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

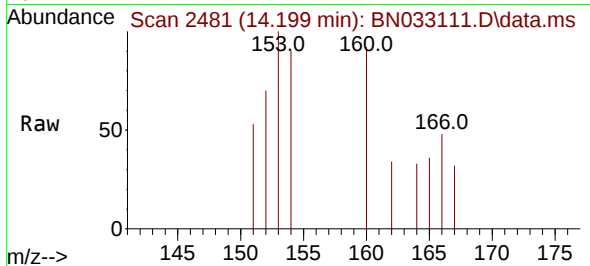
Tgt Ion:152 Resp: 2417
Ion Ratio Lower Upper
152 100
151 27.4 16.8 25.2#
153 22.3 11.9 17.9#





#11
Acenaphthene
Concen: 0.032 ng/ul
RT: 14.199 min Scan# 2487
Delta R.T. -0.027 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

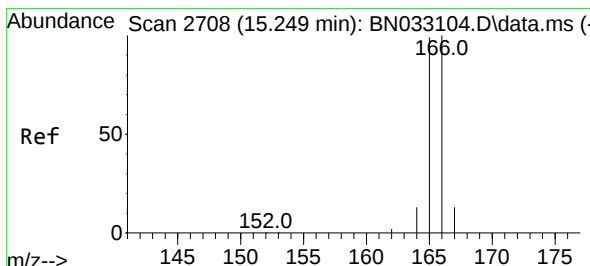
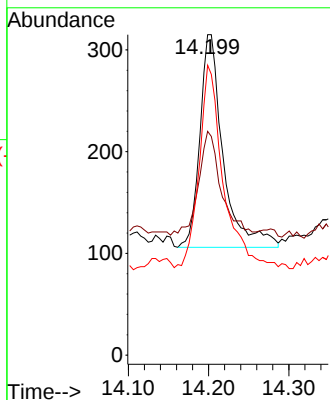
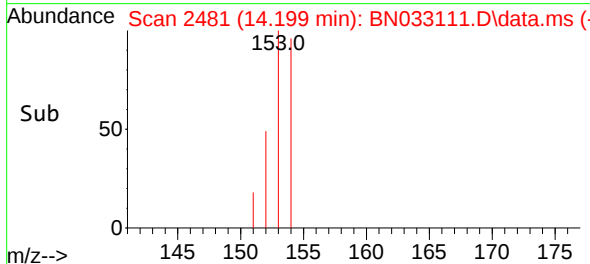
Instrument :
BNA_N
ClientSampleId :
C0AZ4



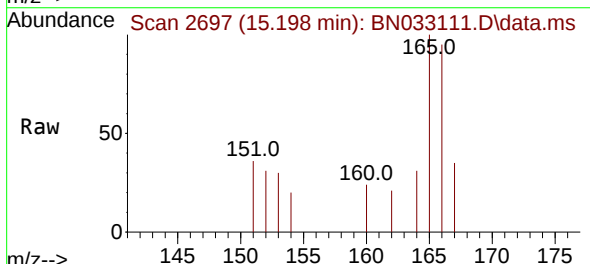
Tgt Ion:153 Resp: 421
Ion Ratio Lower Upper
153 100
152 69.8 40.0 60.0
154 90.5 70.1 105.1

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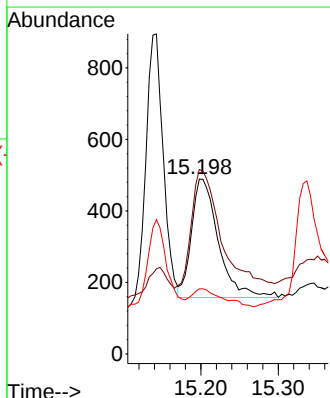
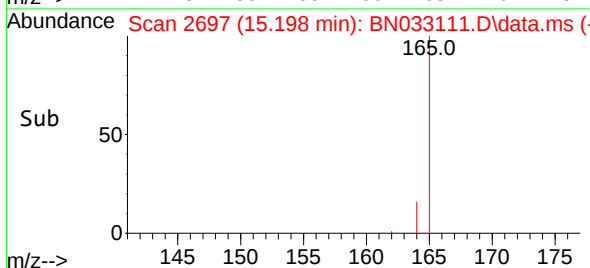
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Supervised By :mohammad ahmed 07/31/2024

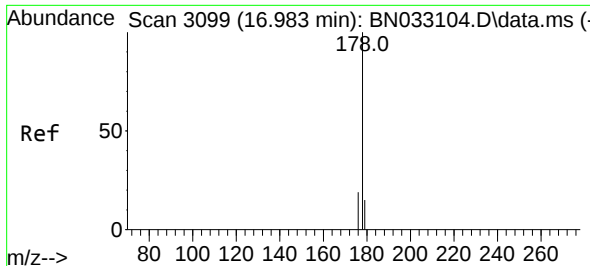


#12
Fluorene
Concen: 0.053 ng/ul
RT: 15.198 min Scan# 2697
Delta R.T. -0.051 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04



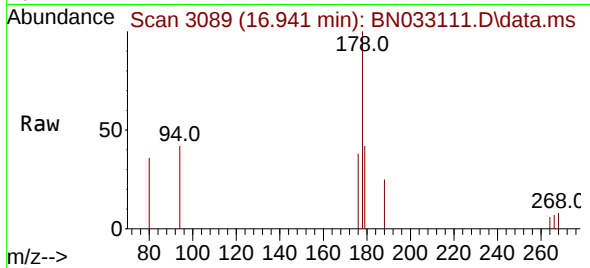
Tgt Ion:166 Resp: 797
Ion Ratio Lower Upper
166 100
165 105.5 79.6 119.4
167 37.2 12.2 18.4





#15
Phenanthrene
Concen: 0.038 ng/ul m
RT: 16.941 min Scan# 3099
Delta R.T. -0.042 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

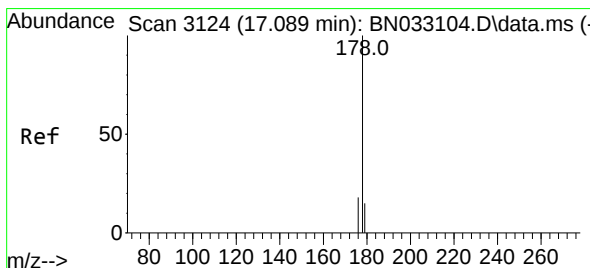
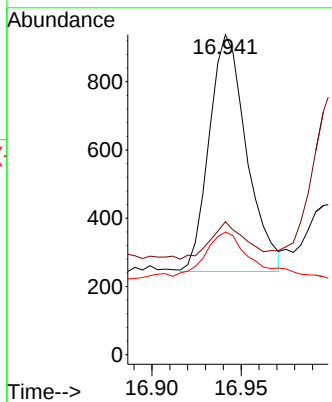
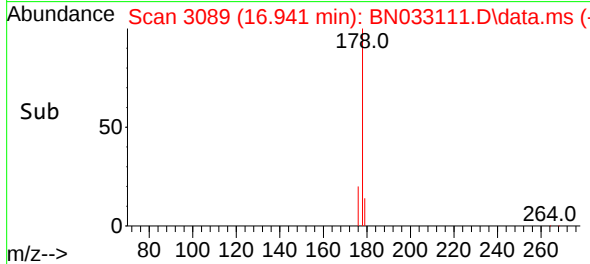
Instrument :
BNA_N
ClientSampleId :
C0AZ4



Tgt Ion:178 Resp: 101
Ion Ratio Lower Upper
178 100
179 41.6 13.7 20.5
176 38.4 15.9 23.9

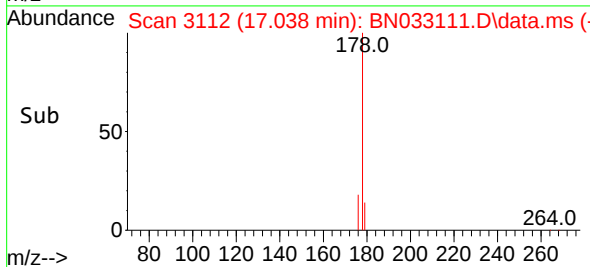
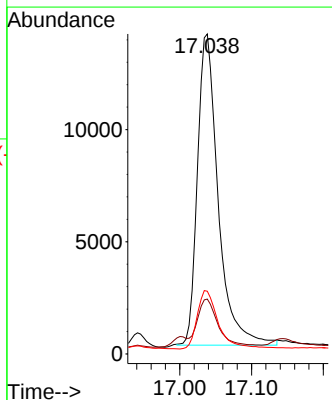
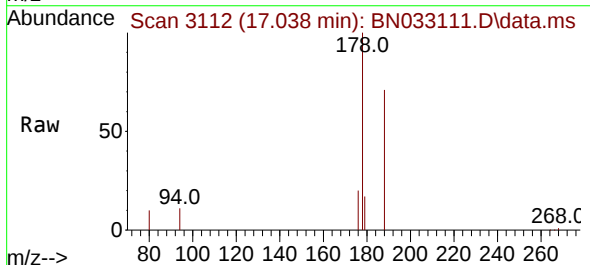
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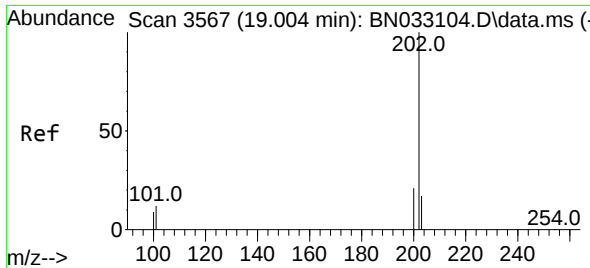
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#16
Anthracene
Concen: 1.155 ng/ul m
RT: 17.038 min Scan# 3112
Delta R.T. -0.050 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

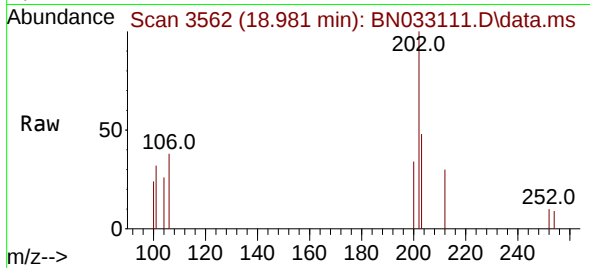
Tgt Ion:178 Resp: 27886
Ion Ratio Lower Upper
178 100
179 17.2 14.3 21.5
176 19.6 15.8 23.8





#19
Fluoranthene
Concen: 0.062 ng/u1
RT: 18.981 min Scan# 3562
Delta R.T. -0.023 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

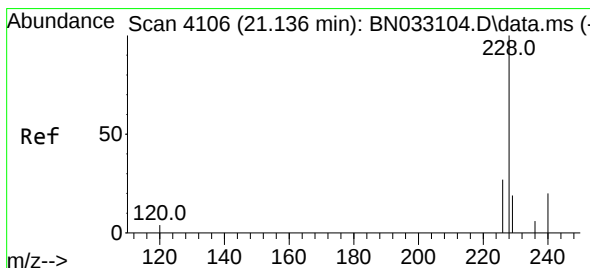
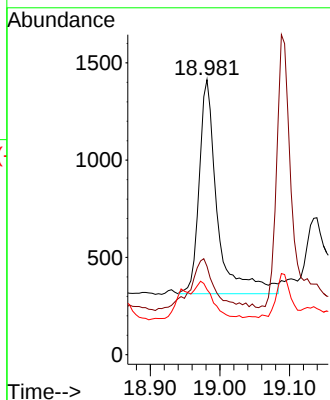
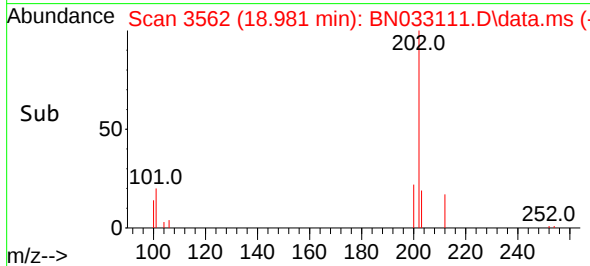
Instrument :
BNA_N
ClientSampleId :
C0AZ4



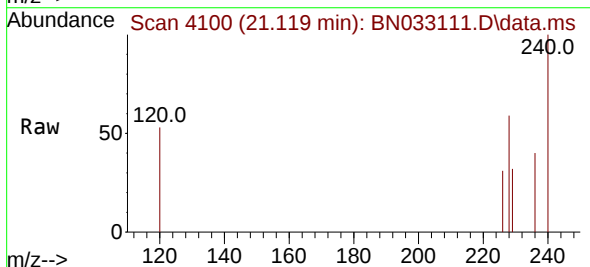
Tgt Ion:202 Resp: 2000
Ion Ratio Lower Upper
202 100
101 32.1 10.7 16.1#
100 23.7 8.3 12.5#

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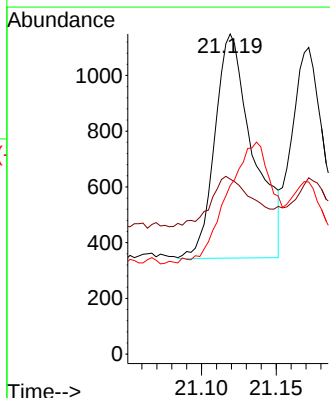
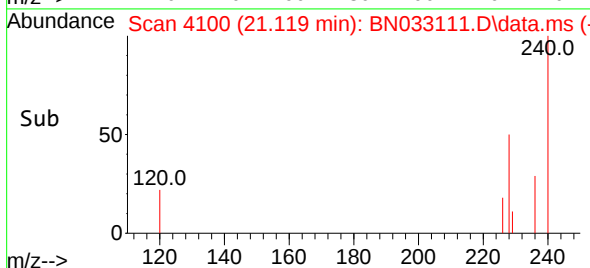
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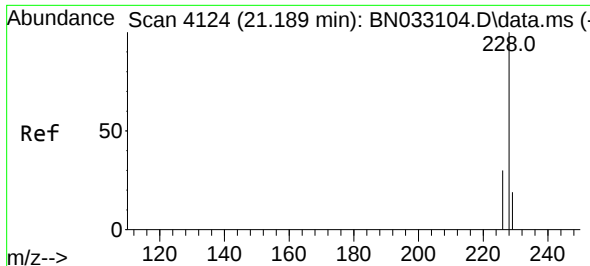


#21
Benzo(a)anthracene
Concen: 0.043 ng/u1
RT: 21.119 min Scan# 4100
Delta R.T. -0.017 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04



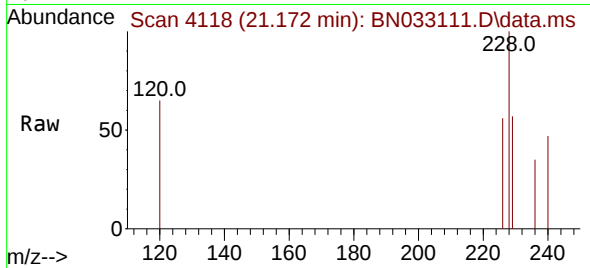
Tgt Ion:228 Resp: 1431
Ion Ratio Lower Upper
228 100
229 54.7 17.1 25.7#
226 52.7 22.4 33.6#





#22
Chrysene
Concen: 0.030 ng/ul
RT: 21.172 min Scan# 4118
Delta R.T. -0.017 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

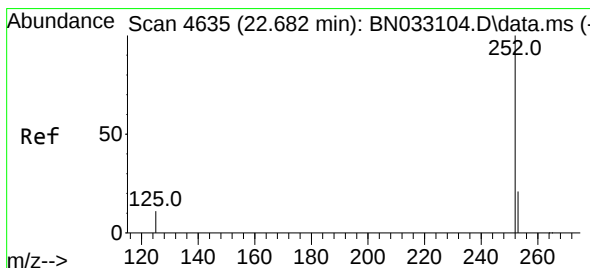
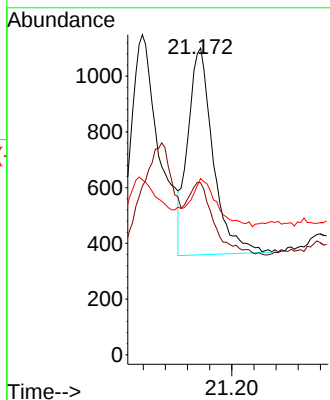
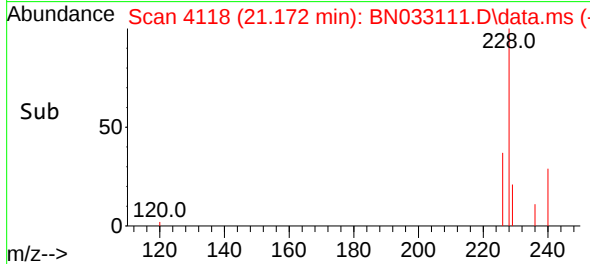
Instrument :
BNA_N
ClientSampleId :
C0AZ4



Tgt Ion:228 Resp: 1183
Ion Ratio Lower Upper
228 100
226 56.1 24.7 37.1#
229 57.5 17.0 25.6#

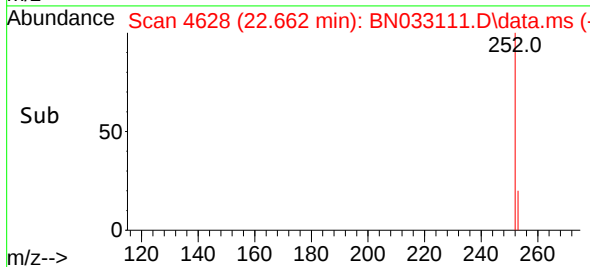
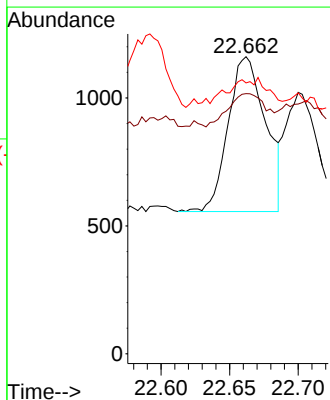
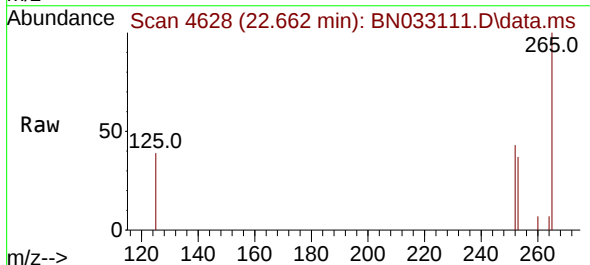
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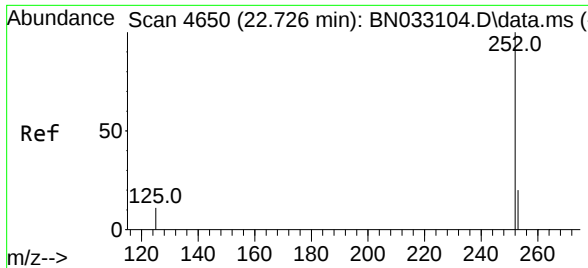
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#24
Benzo(b)fluoranthene
Concen: 0.045 ng/ul
RT: 22.662 min Scan# 4628
Delta R.T. -0.020 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

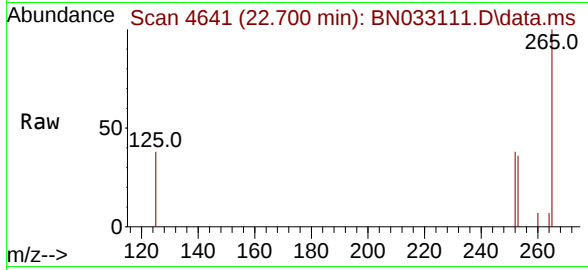
Tgt Ion:252 Resp: 1148
Ion Ratio Lower Upper
252 100
253 87.6 0.0 60.6#
125 91.2 0.0 51.0#





#25
Benzo(k)fluoranthene
Concen: 0.024 ng/ul
RT: 22.700 min Scan# 4641
Delta R.T. -0.026 min
Lab File: BN033111.D
Acq: 30 Jul 2024 18:04

Instrument :
BNA_N
ClientSampleId :
C0AZ4



Tgt Ion:252 Resp: 725

Ion	Ratio	Lower	Upper
252	100		
253	95.5	24.9	37.3
125	99.8	20.9	31.3

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