

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027807.D
 Acq On : 22 Sep 2023 03:57
 Operator : MA/JU
 Sample : 04332-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/22/2023
 Supervised By :mohammad ahmed 09/25/2023

Quant Time: Sep 22 05:10:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5715	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	19507	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11765	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26549	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22131	0.400	ng/ul	# 0.00
23) Perylene-d12	24.065	264	20581	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	19592	2.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	5834	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	14869	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	1277	0.023	ng/ul#	75
7) 2-Methylnaphthalene	12.473	142	882	0.025	ng/ul	97
8) 1-Methylnaphthalene	12.693	142	744	0.020	ng/ul	99
15) Phenanthrene	17.434	178	5434	0.065	ng/ul#	93
19) Fluoranthene	19.446	202	13410	0.150	ng/ul	95
20) Pyrene	19.808	202	11235m	0.122	ng/ul	
21) Benzo(a)anthracene	21.554	228	5318	0.062	ng/ul#	65
22) Chrysene	21.609	228	6251	0.071	ng/ul#	67
24) Benzo(b)fluoranthene	23.290	252	8109m	0.088	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	3579m	0.040	ng/ul	
26) Benzo(a)pyrene	23.951	252	5021	0.068	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.683	276	3824	0.040	ng/ul#	1
29) Benzo(g,h,i)perylene	27.508	276	3851	0.048	ng/ul#	1

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

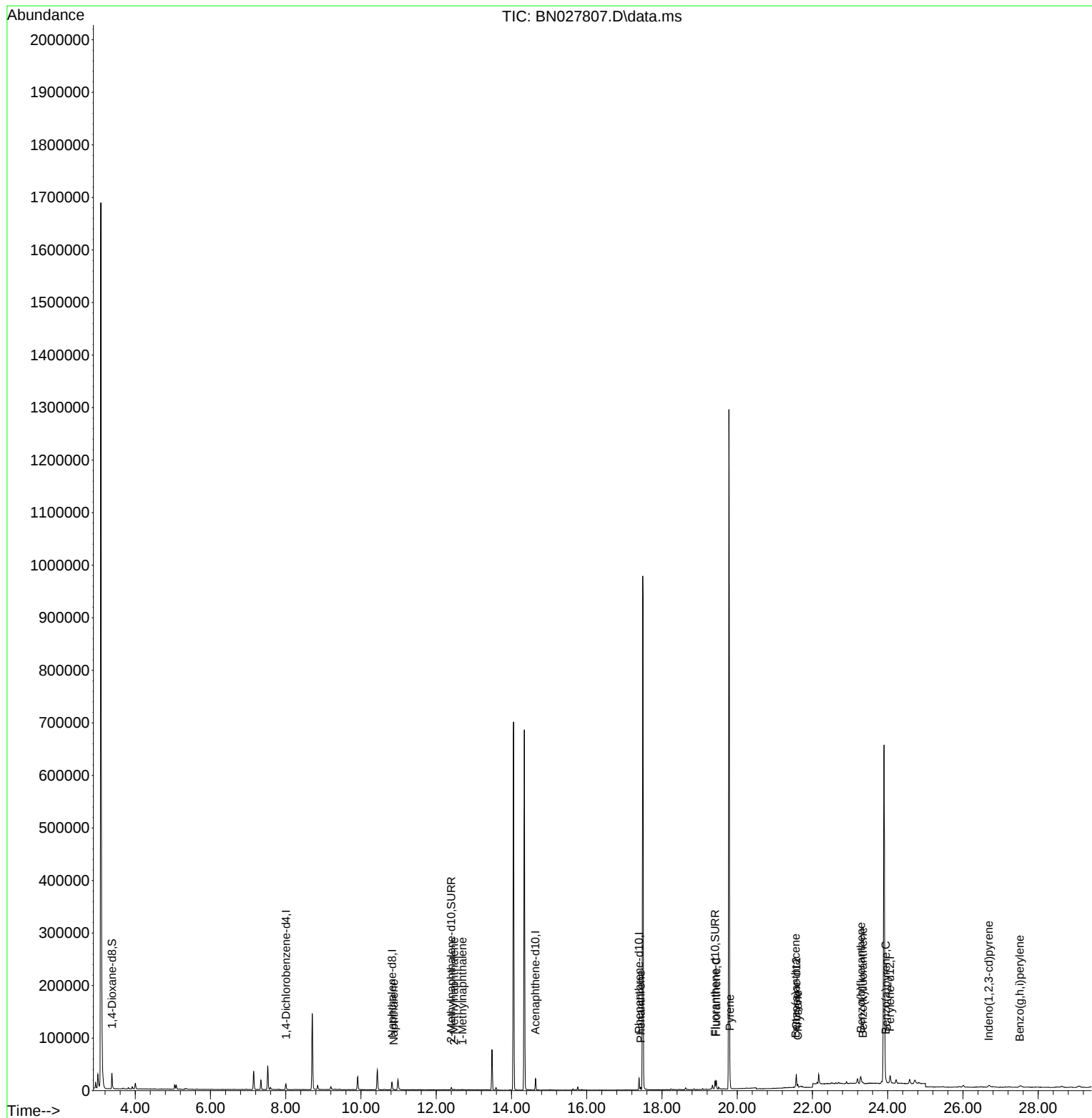
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
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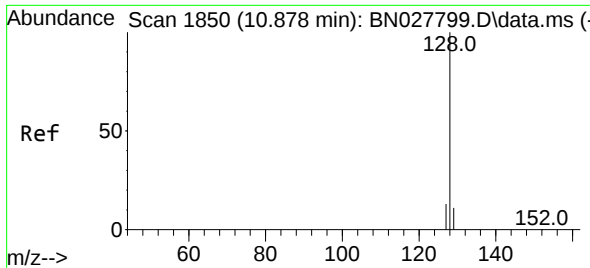
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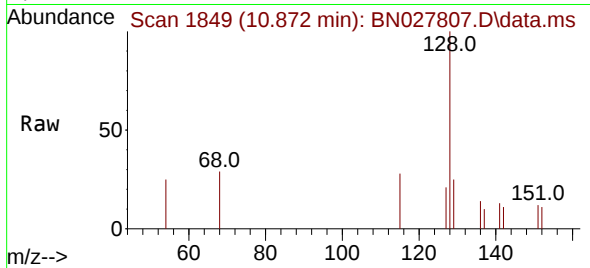
Quant Time: Sep 22 05:10:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

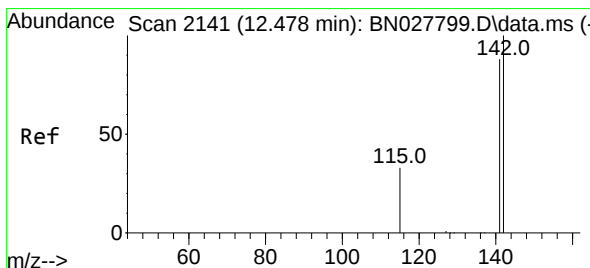
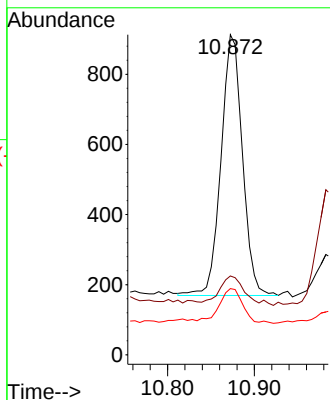
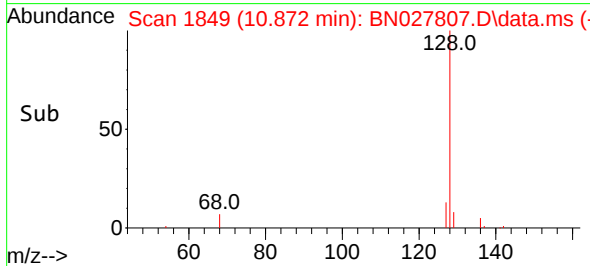
Instrument :
BNA_N
ClientSampleId :
C0AC4



Tgt Ion:128 Resp: 127
Ion Ratio Lower Upper
128 100
129 24.6 9.3 13.9
127 20.7 10.7 16.1

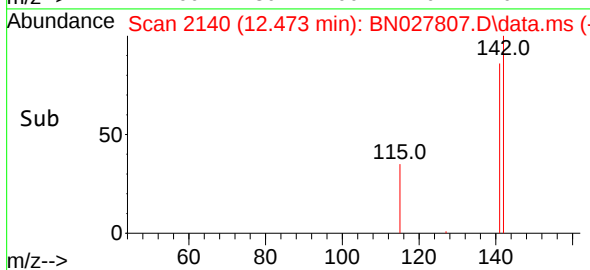
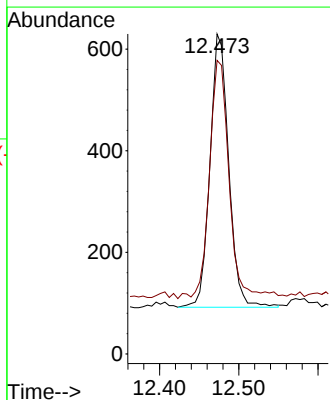
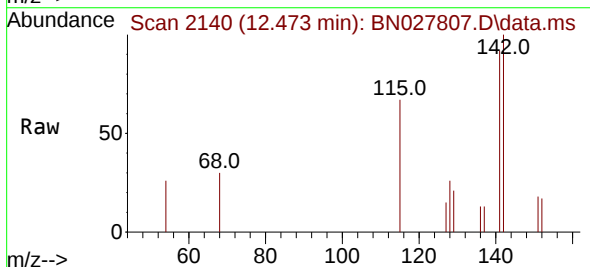
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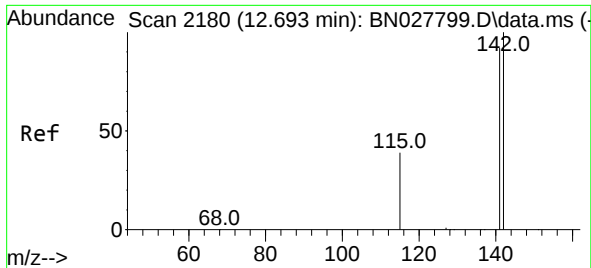
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

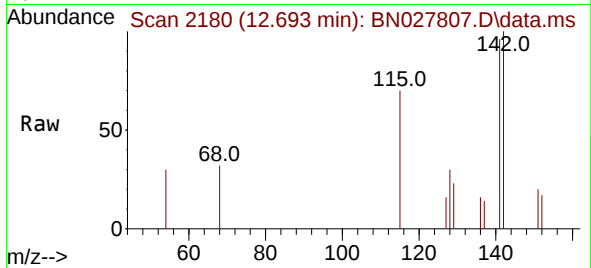
Tgt Ion:142 Resp: 882
Ion Ratio Lower Upper
142 100
141 92.0 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.020 ng/u1
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

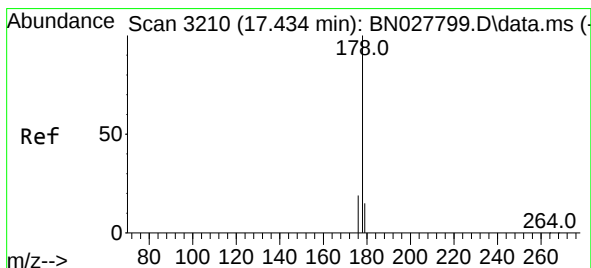
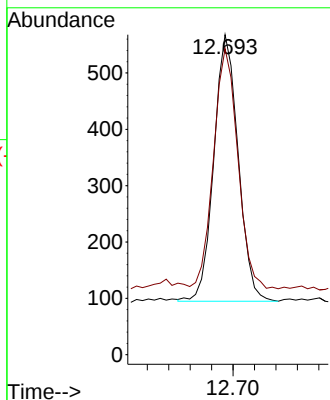
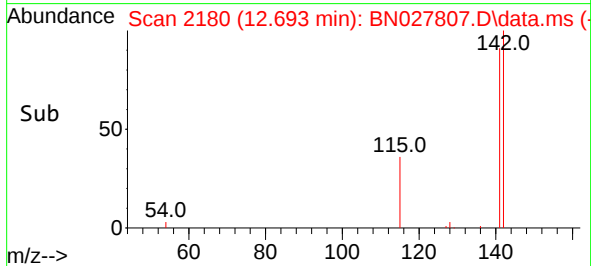
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 744
Ion Ratio Lower Upper
142 100
141 90.1 72.8 109.2

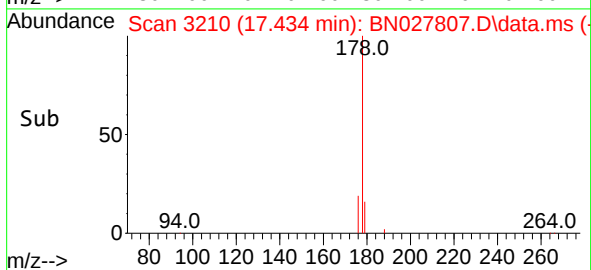
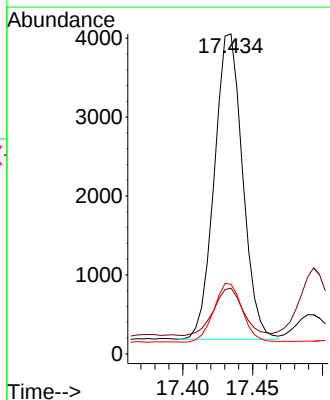
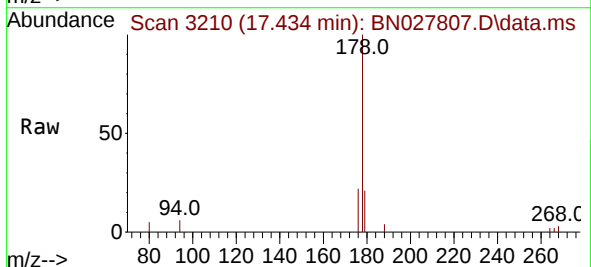
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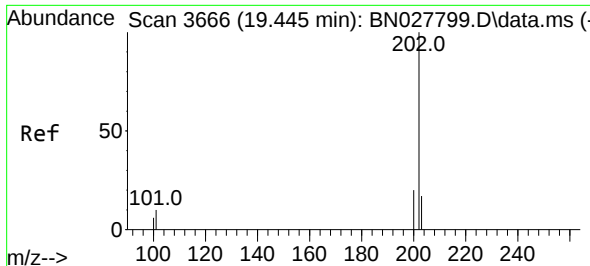
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#15
Phenanthrene
Concen: 0.065 ng/u1
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

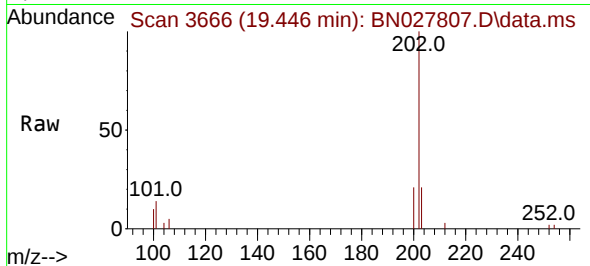
Tgt Ion:178 Resp: 5434
Ion Ratio Lower Upper
178 100
179 20.6 12.4 18.6#
176 21.8 16.0 24.0





#19
Fluoranthene
Concen: 0.150 ng/u1
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

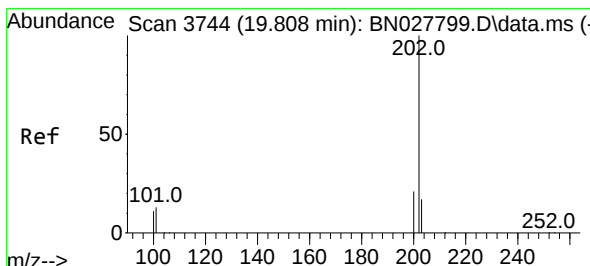
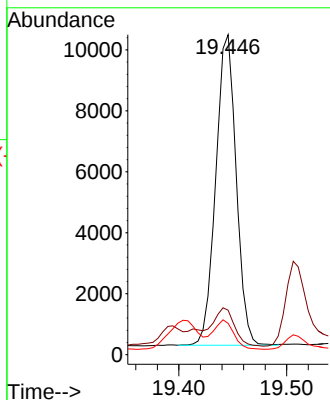
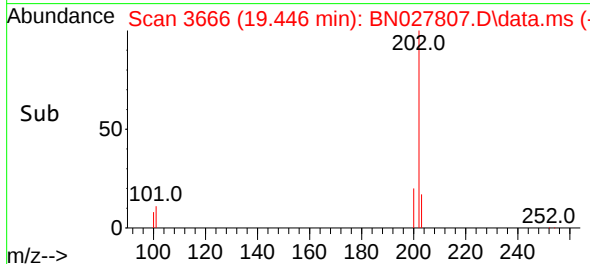
Instrument :
BNA_N
ClientSampleId :
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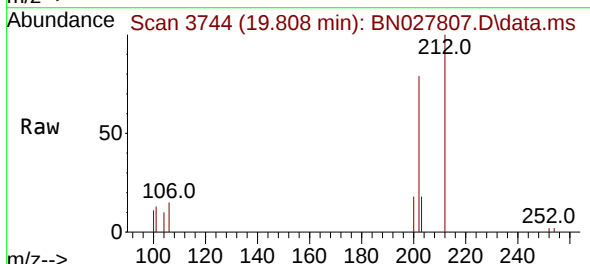
Tgt Ion:202 Resp: 13410
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9
100 9.8 7.0 10.4

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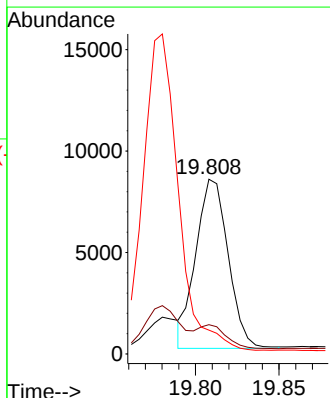
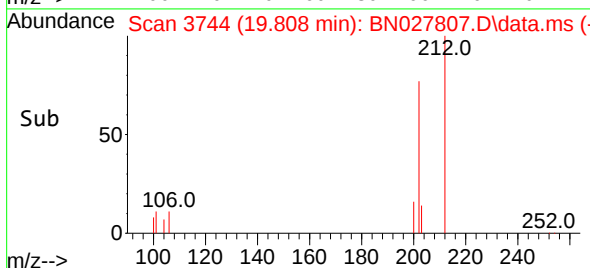
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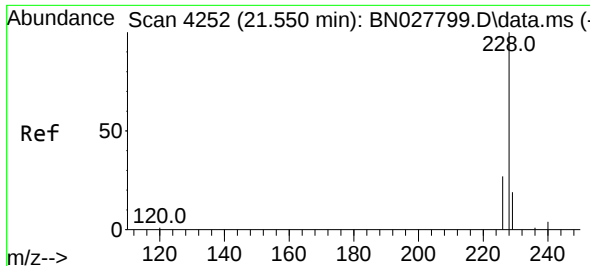


#20
Pyrene
Concen: 0.122 ng/u1 m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57



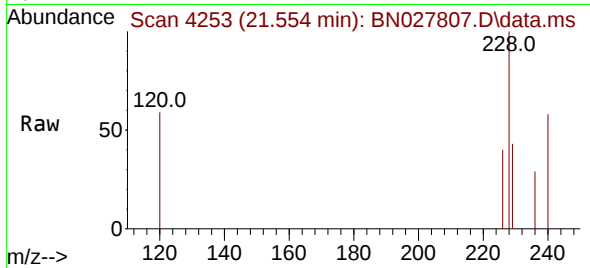
Tgt Ion:202 Resp: 11235
Ion Ratio Lower Upper
202 100
101 16.7 11.4 17.0
100 13.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.062 ng/u1
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

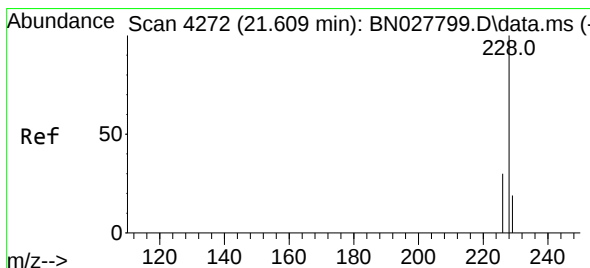
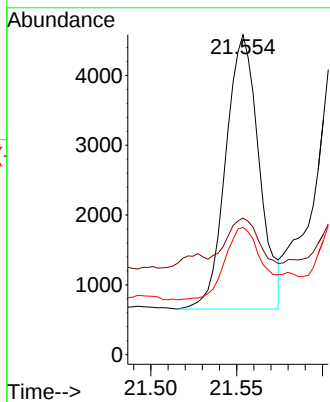
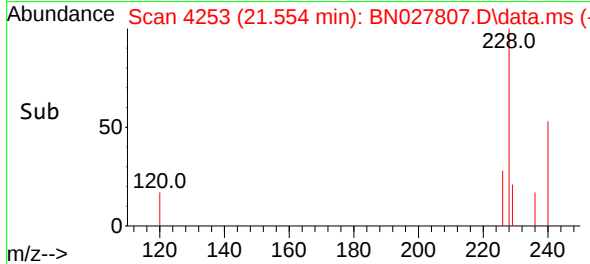
Instrument :
BNA_N
ClientSampleId :
C0AC4



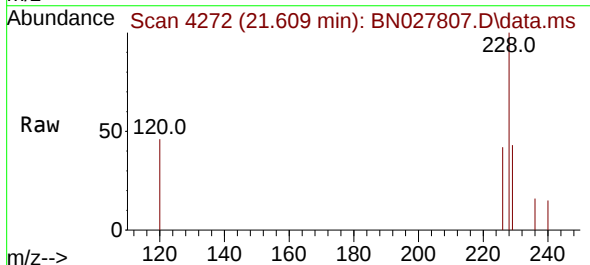
Tgt Ion:228 Resp: 5318
Ion Ratio Lower Upper
228 100
229 42.7 15.8 23.8#
226 39.8 22.0 33.0#

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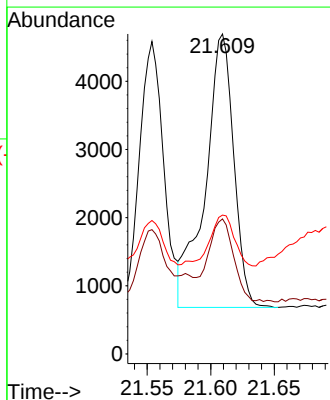
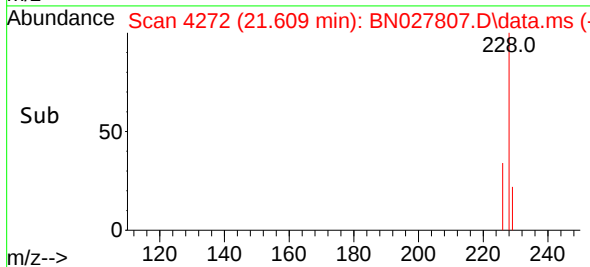
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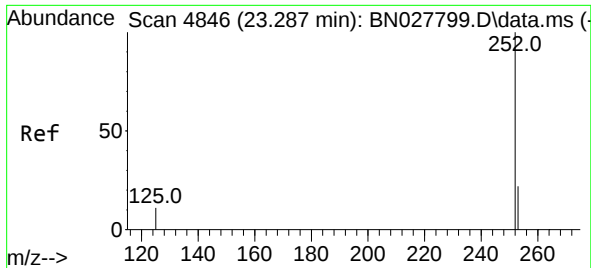


#22
Chrysene
Concen: 0.071 ng/u1
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57



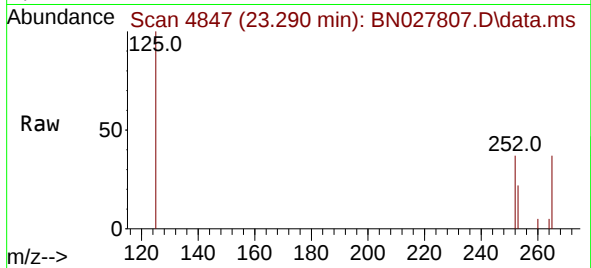
Tgt Ion:228 Resp: 6251
Ion Ratio Lower Upper
228 100
226 42.2 24.5 36.7#
229 43.4 16.0 24.0#





#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul m
RT: 23.290 min Scan# 4846
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

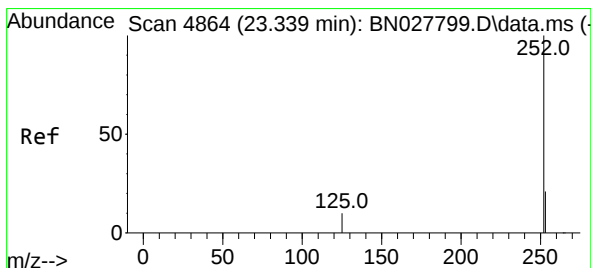
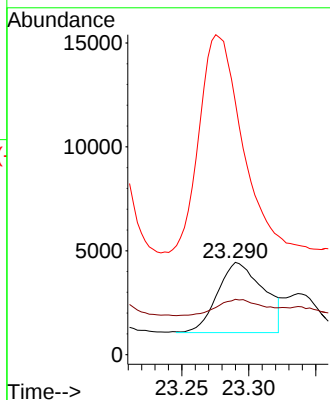
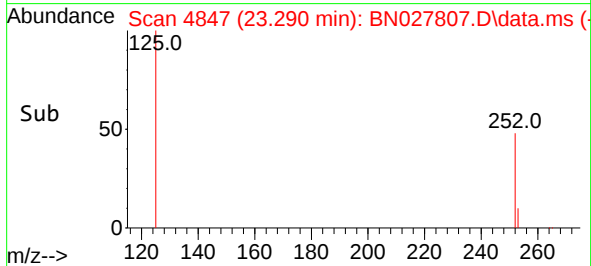
Instrument :
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Tgt Ion:252 Resp: 8109
Ion Ratio Lower Upper
252 100
253 60.0 0.0 50.2
125 273.9 0.0 31.4

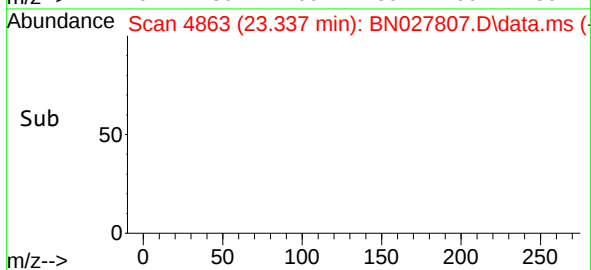
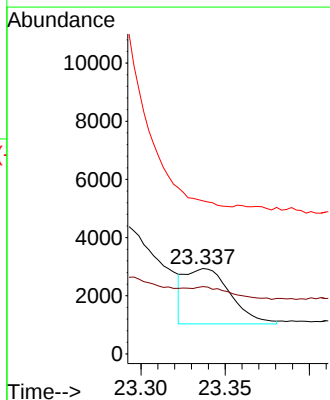
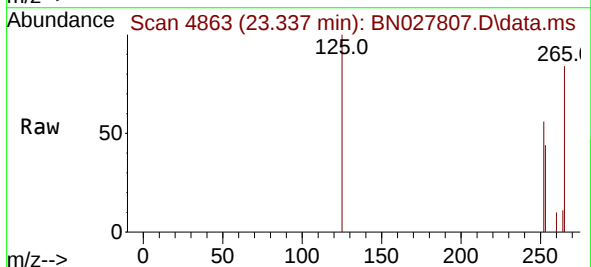
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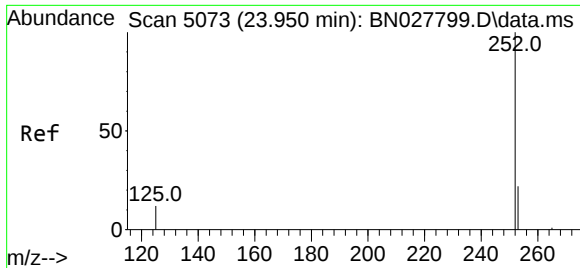
Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.040 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

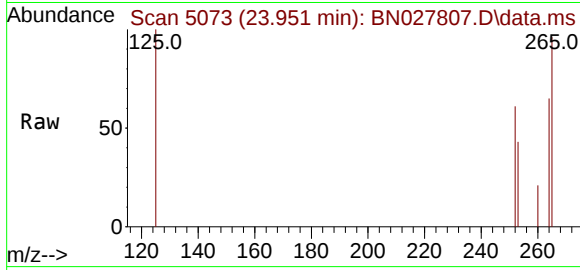
Tgt Ion:252 Resp: 3579
Ion Ratio Lower Upper
252 100
253 78.9 19.9 29.9#
125 179.2 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.068 ng/ul
RT: 23.951 min Scan# 5073
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57

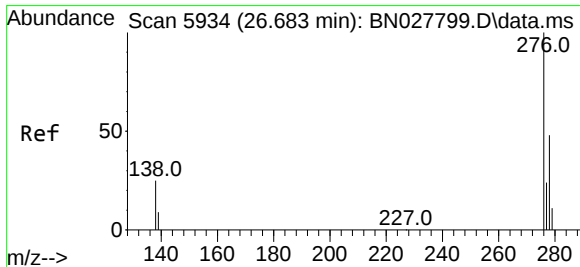
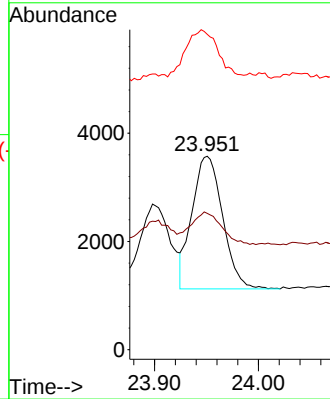
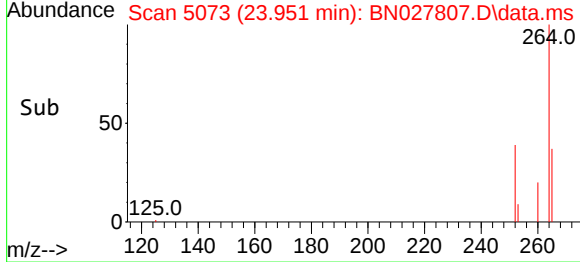
Instrument :
BNA_N
ClientSampleId :
C0AC4



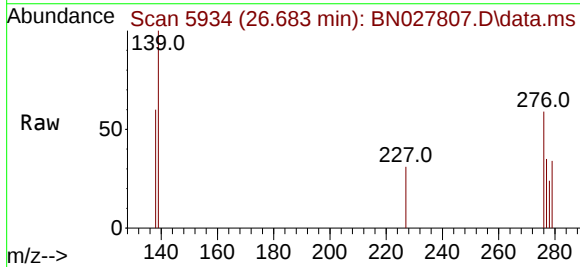
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Ion Ratio Lower Upper
252 100
253 70.5 21.9 32.9#
125 163.0 15.5 23.3#

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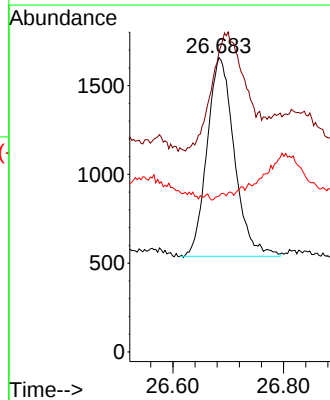
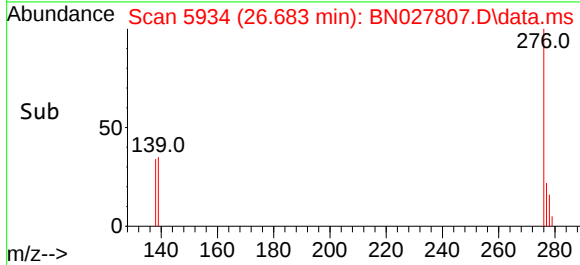
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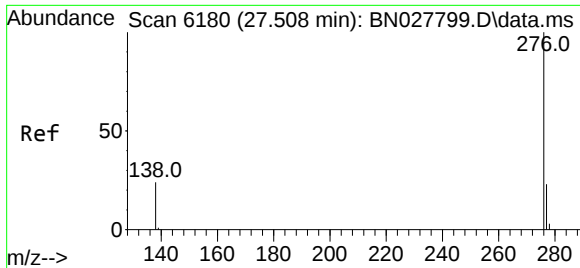


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.683 min Scan# 5934
Delta R.T. 0.000 min
Lab File: BN027807.D
Acq: 22 Sep 2023 03:57



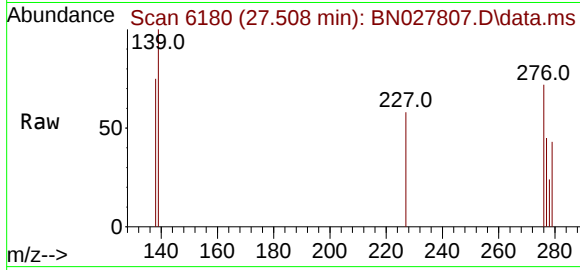
Tgt Ion:276 Resp: 3824
Ion Ratio Lower Upper
276 100
138 106.6 24.3 36.5#
227 1.0 0.0 0.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.048 ng/ul
 RT: 27.508 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN027807.D
 Acq: 22 Sep 2023 03:57

Instrument :
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 ClientSampleId :
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Tgt Ion:	276	Resp:	385
Ion Ratio	Lower	Upper	
276	100		
138	104.5	21.7	32.5
277	62.1	20.2	30.2

Manual Integrations
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