

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027419.D
 Acq On : 06 Sep 2023 23:17
 Operator : MA/JU
 Sample : 04148-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BBK07

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/09/2023

Quant Time: Sep 07 01:28:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5532	0.400	ng/ul	0.00
4) Naphthalene-d8	10.872	136	19491	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.680	164	11979	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.430	188	26525	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	22530	0.400	ng/ul	0.00
23) Perylene-d12	24.114	264	24196	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	29885	4.061	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	11295	0.382	ng/ul	-0.01
18) Fluoranthene-d10	19.445	212	33646	0.436	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.448	88	3340	0.449	ng/ul#	83
15) Phenanthrene	17.472	178	8750	0.101	ng/ul	98
16) Anthracene	17.561	178	2363	0.034	ng/ul#	85
19) Fluoranthene	19.478	202	19548	0.189	ng/ul	100
20) Pyrene	19.845	202	17555m	0.166	ng/ul	
21) Benzo(a)anthracene	21.583	228	7173	0.088	ng/ul#	93
22) Chrysene	21.638	228	8195	0.086	ng/ul#	92
24) Benzo(b)fluoranthene	23.328	252	11548m	0.101	ng/ul	
25) Benzo(k)fluoranthene	23.380	252	4881m	0.044	ng/ul	
26) Benzo(a)pyrene	24.000	252	8138	0.091	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.753	276	7061	0.071	ng/ul	91
28) Dibenzo(a,h)anthracene	26.777	278	1796	0.024	ng/ul#	28
29) Benzo(g,h,i)perylene	27.585	276	7674	0.086	ng/ul#	92

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

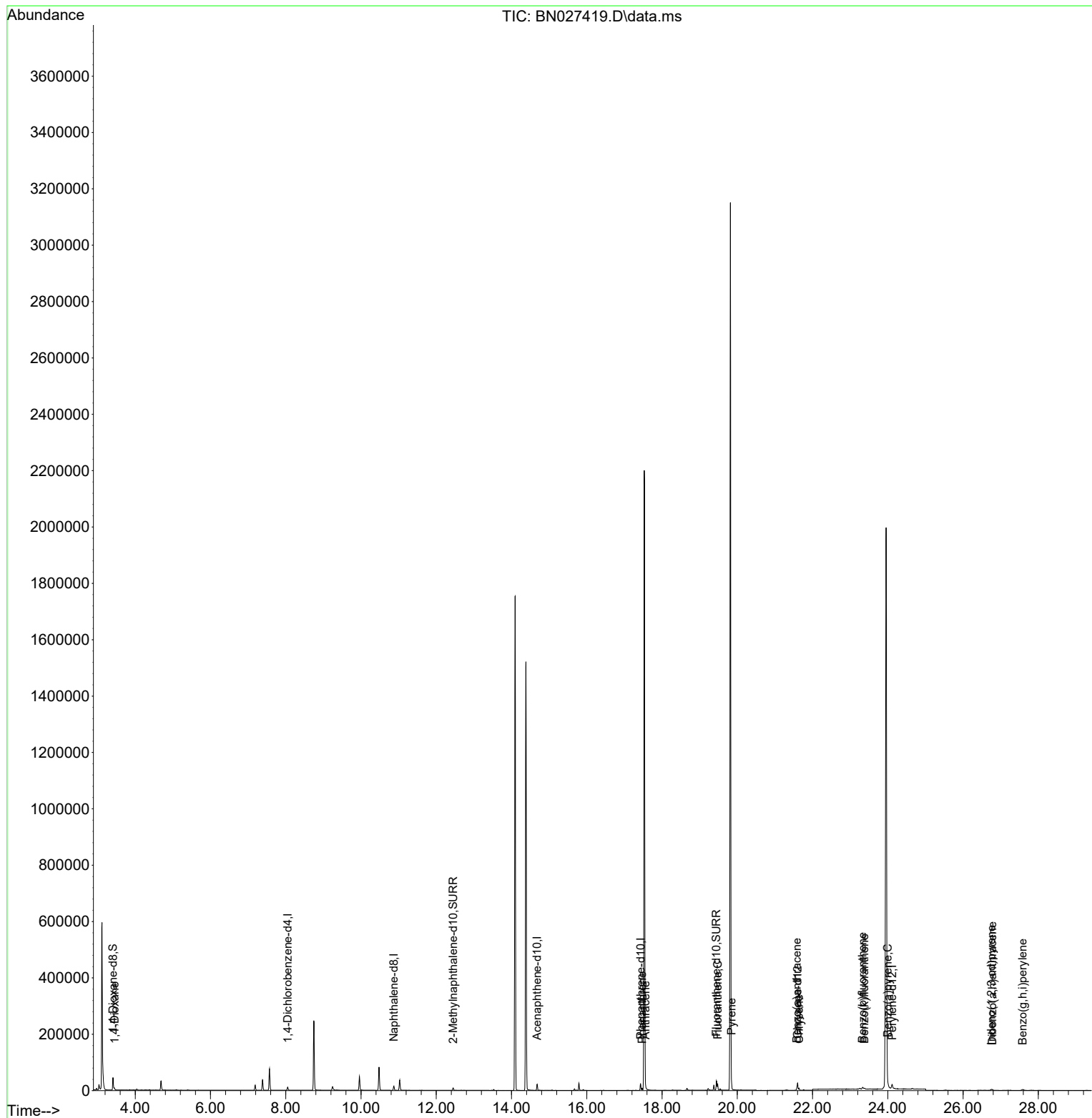
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
Data File : BN027419.D
Acq On : 06 Sep 2023 23:17
Operator : MA/JU
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ALS Vial : 18 Sample Multiplier: 1

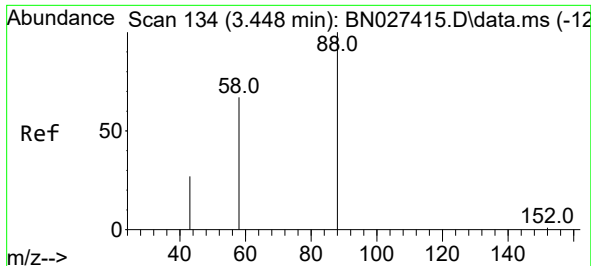
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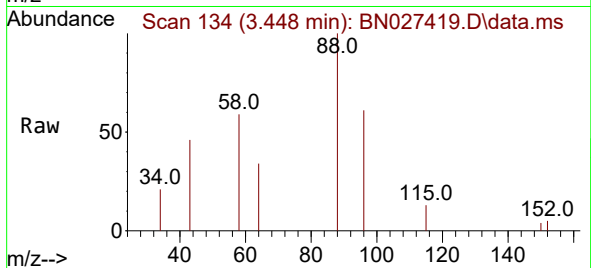
Quant Time: Sep 07 01:28:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 02 06:16:48 2023
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#2
1,4-Dioxane
Concen: 0.449 ng/ul
RT: 3.448 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

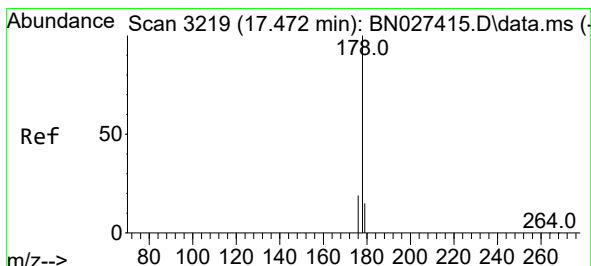
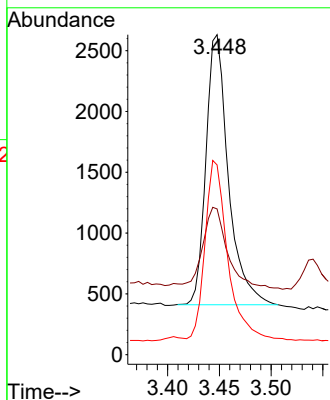
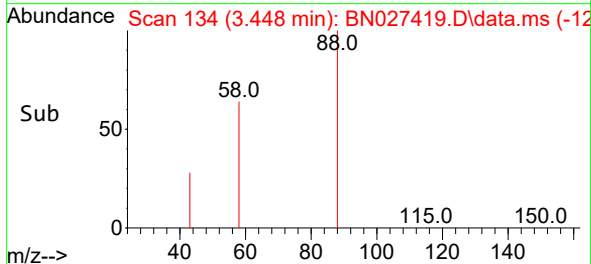
Instrument :
BNA_N
ClientSampleId :
BBK07



Tgt Ion: 88 Resp: 3340
Ion Ratio Lower Upper
88 100
43 45.5 26.8 40.2
58 59.3 39.9 59.9

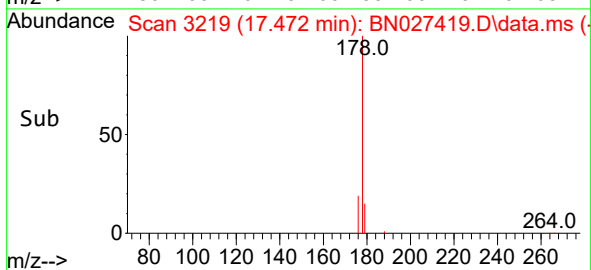
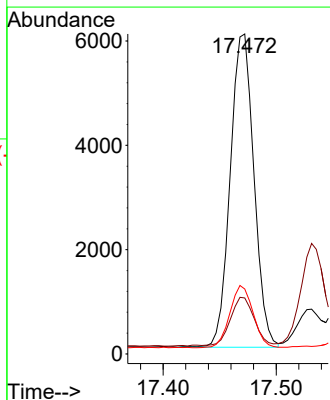
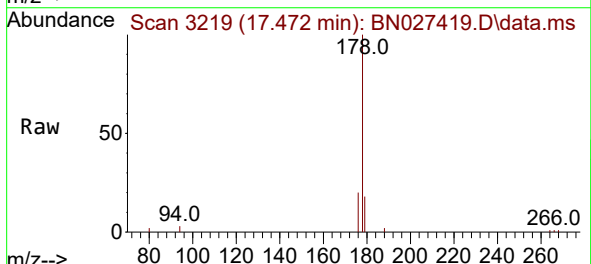
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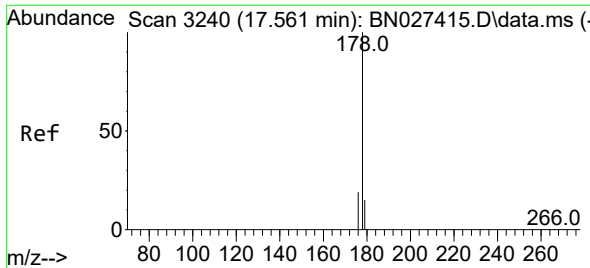
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/09/2023



#15
Phenanthrene
Concen: 0.101 ng/ul
RT: 17.472 min Scan# 3219
Delta R.T. -0.008 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

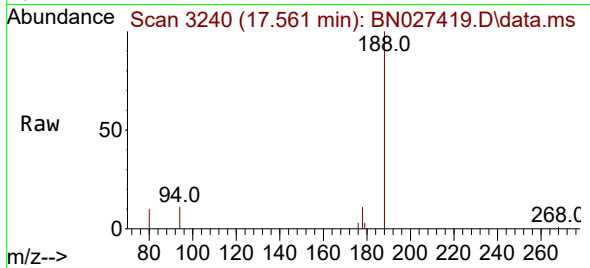
Tgt Ion:178 Resp: 8750
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 20.3 15.8 23.8





#16
 Anthracene
 Concen: 0.034 ng/ul
 RT: 17.561 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: BN027419.D
 Acq: 06 Sep 2023 23:17

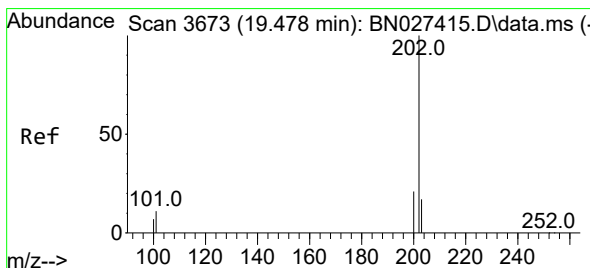
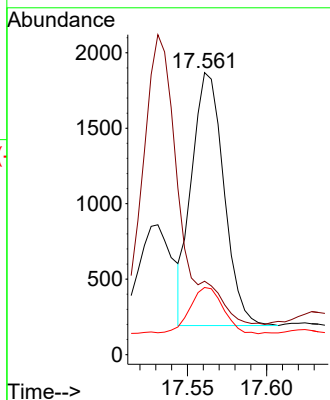
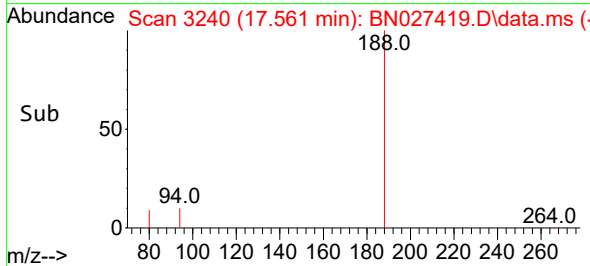
Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:178 Resp: 236
 Ion Ratio Lower Upper
 178 100
 179 26.0 13.0 19.6
 176 23.8 15.6 23.4

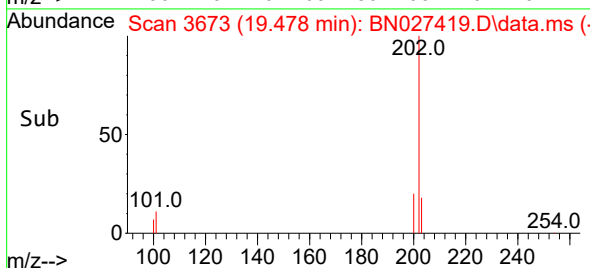
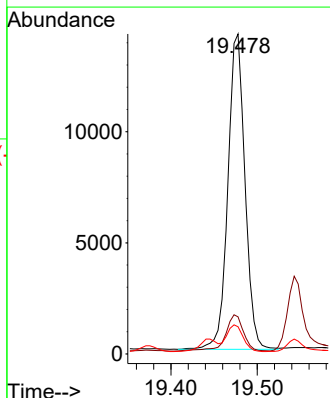
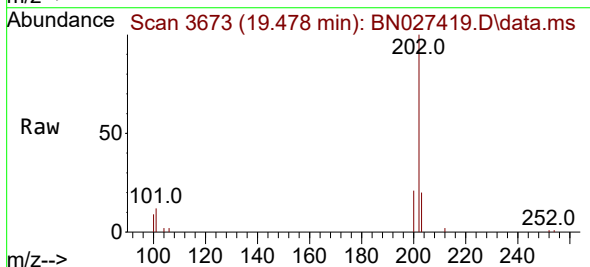
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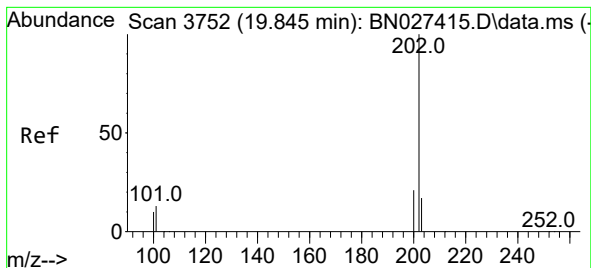
Reviewed By :Yogesh Patel 09/07/2023
 Supervised By :mohammad ahmed 09/09/2023



#19
 Fluoranthene
 Concen: 0.189 ng/ul
 RT: 19.478 min Scan# 3673
 Delta R.T. -0.009 min
 Lab File: BN027419.D
 Acq: 06 Sep 2023 23:17

Tgt Ion:202 Resp: 19548
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.4 14.0
 100 8.5 6.9 10.3





#20

Pyrene

Concen: 0.166 ng/ul m

RT: 19.845 min Scan# 3752

Delta R.T. -0.005 min

Lab File: BN027419.D

Acq: 06 Sep 2023 23:17

Instrument :

BNA_N

ClientSampleId :

BBK07

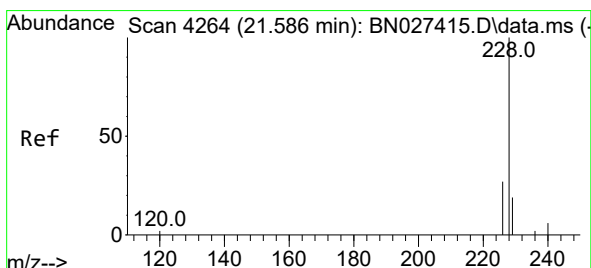
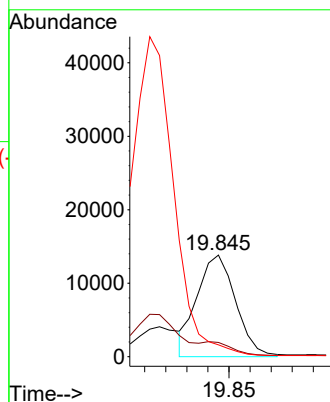
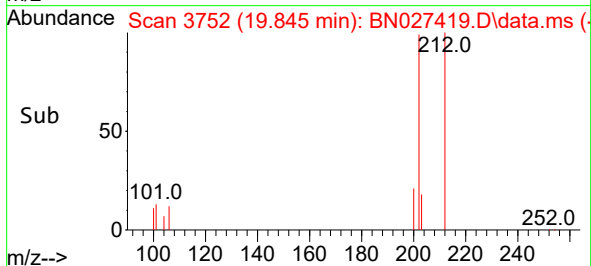
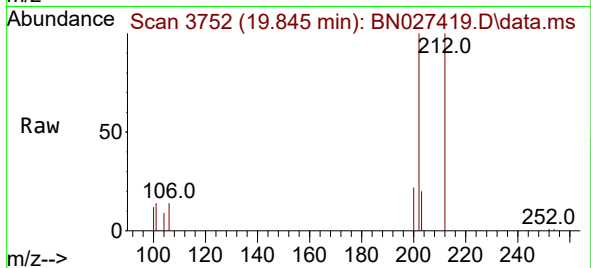
Tgt Ion:	202	Resp:	1755
Ion Ratio	Lower	Upper	
202	100		
101	14.0	11.4	17.2
100	11.7	9.4	14.2

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#21

Benzo(a)anthracene

Concen: 0.088 ng/ul

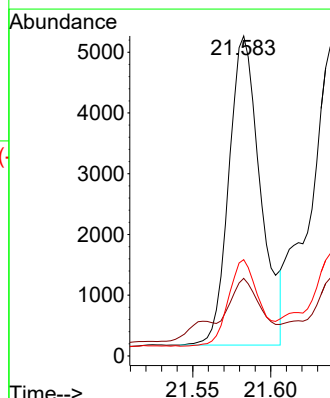
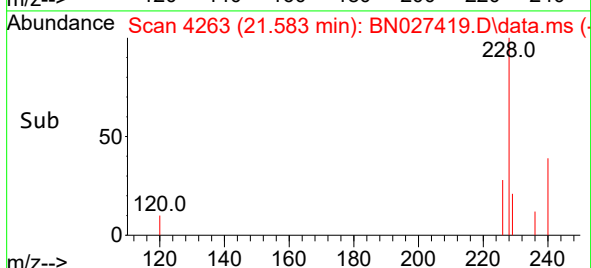
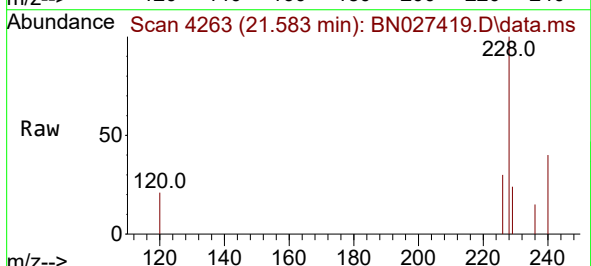
RT: 21.583 min Scan# 4263

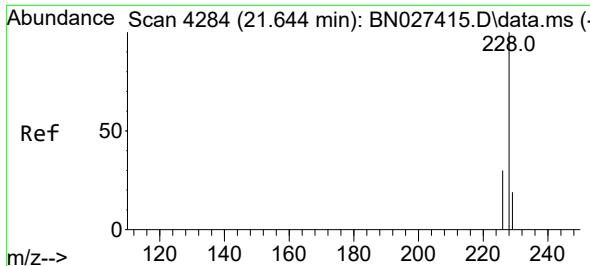
Delta R.T. -0.009 min

Lab File: BN027419.D

Acq: 06 Sep 2023 23:17

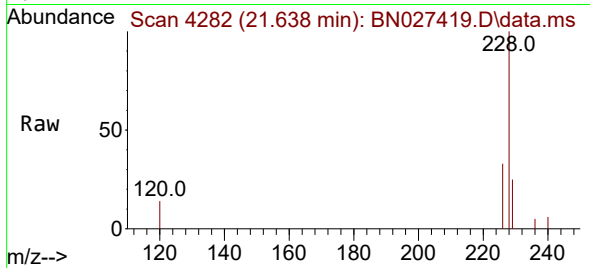
Tgt Ion:	228	Resp:	7173
Ion Ratio	Lower	Upper	
228	100		
229	24.3	15.7	23.5
226	30.1	22.0	33.0





#22
Chrysene
Concen: 0.086 ng/ul
RT: 21.638 min Scan# 4282
Delta R.T. -0.009 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

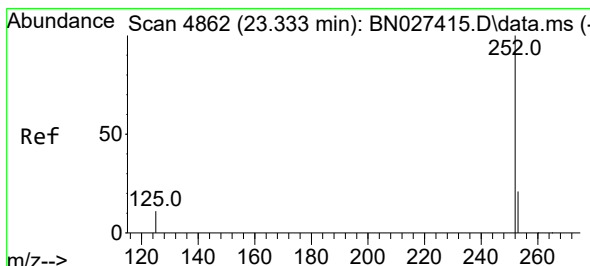
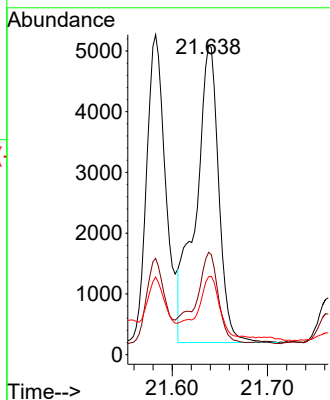
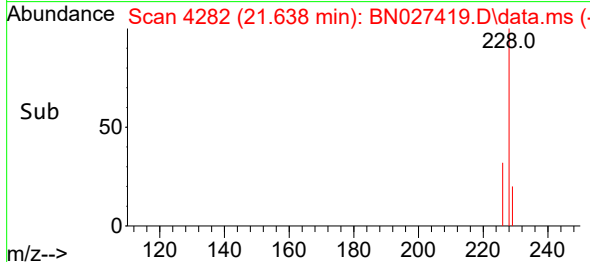
Instrument :
BNA_N
ClientSampleId :
BBK07



Tgt Ion:228 Resp: 8195
Ion Ratio Lower Upper
228 100
226 33.1 24.4 36.6
229 25.2 15.6 23.4

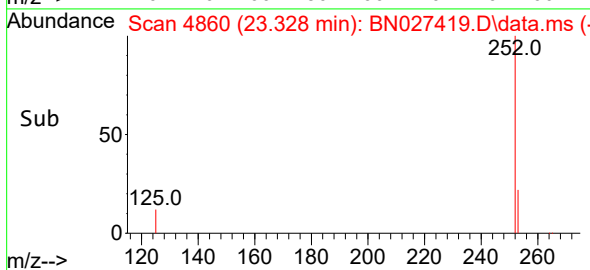
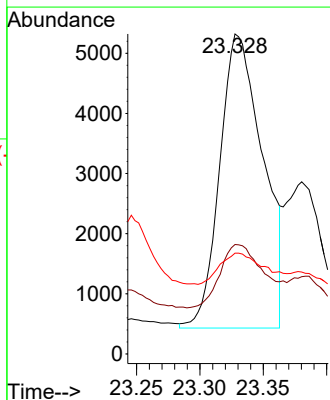
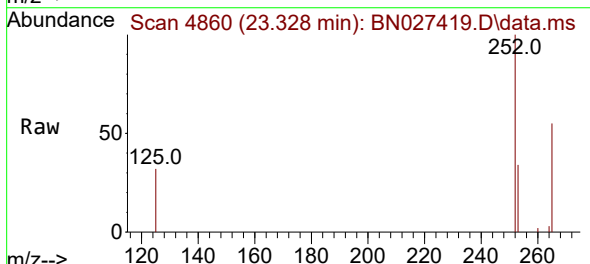
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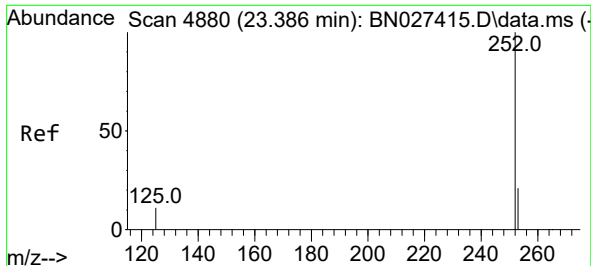
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/09/2023



#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul m
RT: 23.328 min Scan# 4860
Delta R.T. -0.018 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

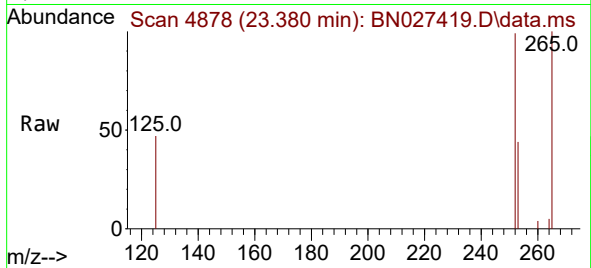
Tgt Ion:252 Resp: 11548
Ion Ratio Lower Upper
252 100
253 34.2 0.0 49.6
125 31.5 0.0 33.8





#25
Benzo(k)fluoranthene
Concen: 0.044 ng/ul m
RT: 23.380 min Scan# 4880
Delta R.T. -0.018 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

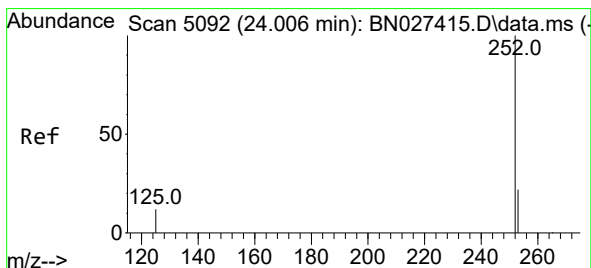
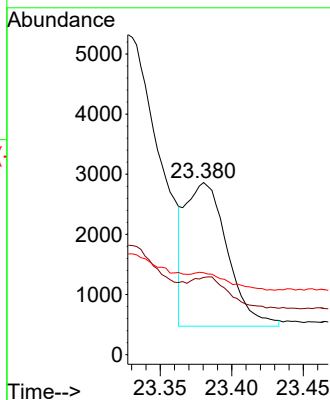
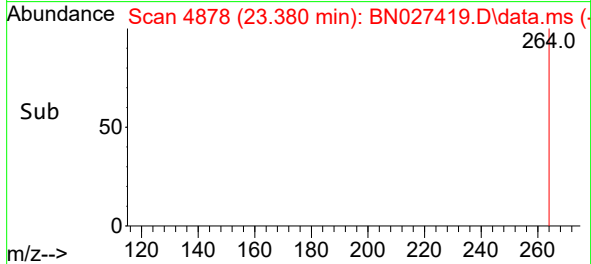
Instrument :
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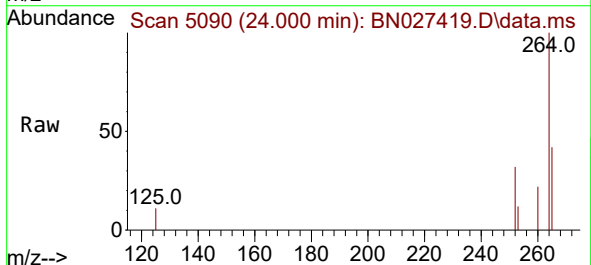
Tgt Ion:252 Resp: 4880
Ion Ratio Lower Upper
252 100
253 44.9 19.9 29.9#
125 47.6 13.6 20.4#

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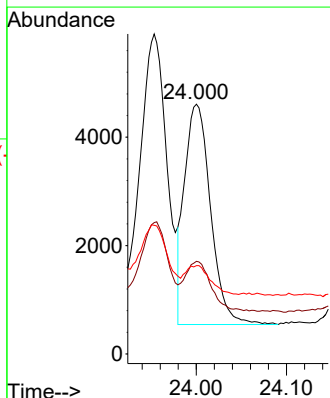
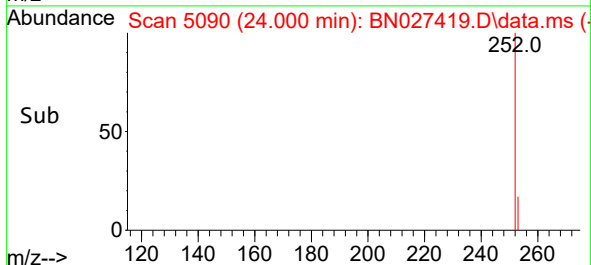
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/09/2023

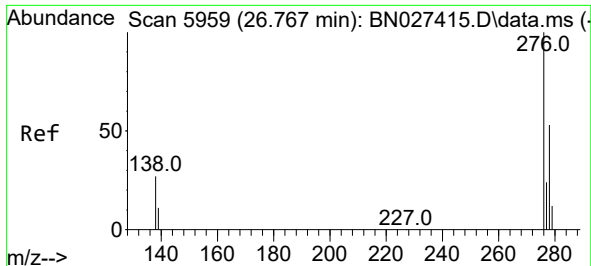


#26
Benzo(a)pyrene
Concen: 0.091 ng/ul
RT: 24.000 min Scan# 5090
Delta R.T. -0.018 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17



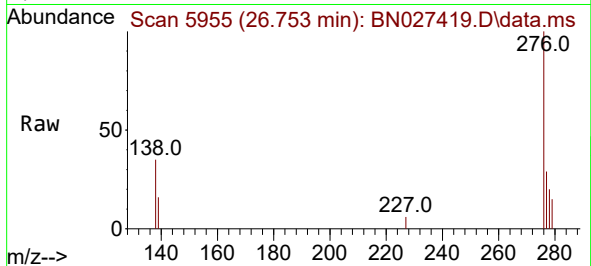
Tgt Ion:252 Resp: 8138
Ion Ratio Lower Upper
252 100
253 37.1 22.4 33.6#
125 35.3 17.4 26.2#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.071 ng/ul
RT: 26.753 min Scan# 5955
Delta R.T. -0.047 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

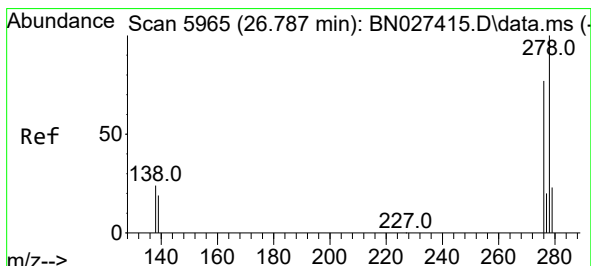
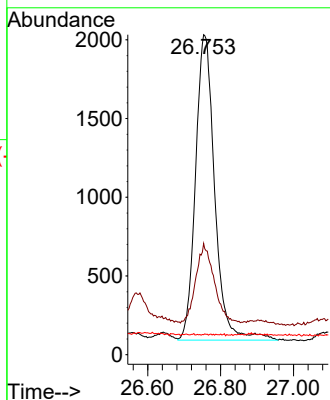
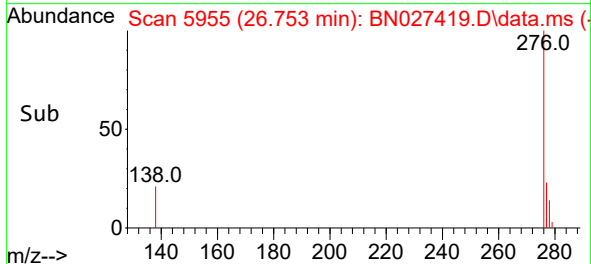
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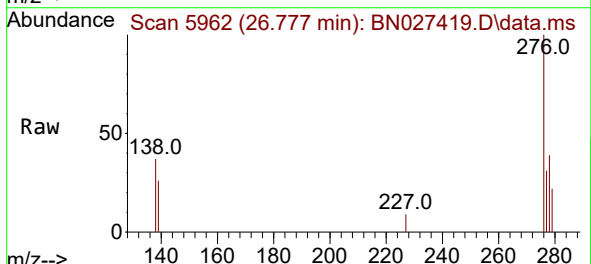
Tgt Ion:276 Resp: 706
Ion Ratio Lower Upper
276 100
138 25.0 23.9 35.9
227 0.1 0.1 0.1

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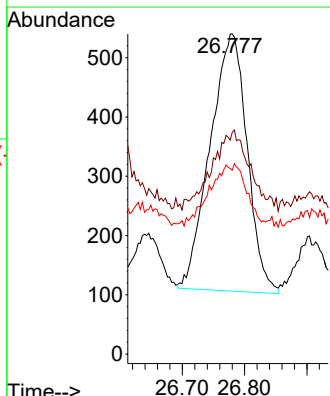
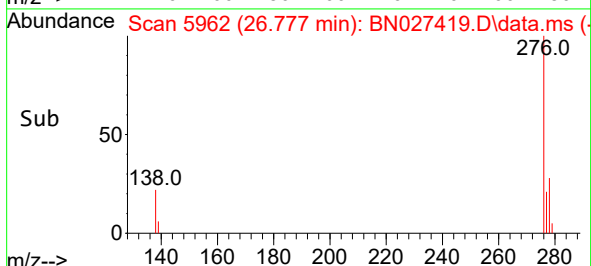
Reviewed By :Yogesh Patel 09/07/2023
Supervised By :mohammad ahmed 09/09/2023

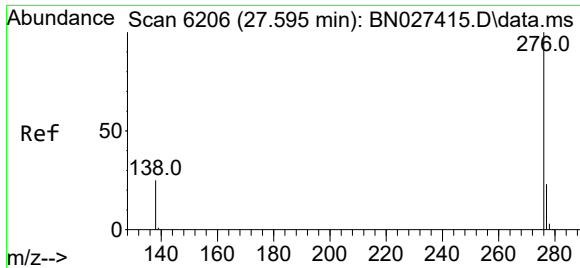


#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 26.777 min Scan# 5962
Delta R.T. -0.057 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17



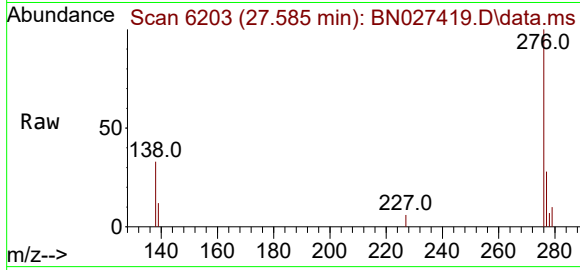
Tgt Ion:278 Resp: 1796
Ion Ratio Lower Upper
278 100
139 66.9 18.0 27.0#
279 58.0 22.7 34.1#





#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 27.585 min Scan# 61
Delta R.T. -0.044 min
Lab File: BN027419.D
Acq: 06 Sep 2023 23:17

Instrument :
BNA_N
ClientSampleId :
BBK07



Tgt Ion: 276 Resp: 7674
Ion Ratio Lower Upper
276 100
138 33.2 22.1 33.1
277 28.0 20.2 30.4

Manual Integrations
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