

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027849.D
 Acq On : 23 Sep 2023 06:43
 Operator : MA/JU
 Sample : 04332-04
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

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

Quant Time: Sep 25 00:47:28 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	8.000	152	5911	0.400	ng/ul	0.00
4) Naphthalene-d8	10.817	136	20723	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.638	164	12633	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	28894	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	24455	0.400	ng/ul	# 0.00
23) Perylene-d12	24.065	264	22373	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	11129	1.495	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	4623	0.147	ng/ul	-0.01
18) Fluoranthene-d10	19.413	212	12147	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	1755	0.030	ng/ul#	81
7) 2-Methylnaphthalene	12.473	142	1497	0.040	ng/ul	98
8) 1-Methylnaphthalene	12.692	142	1277	0.033	ng/ul	100
10) Acenaphthylene	14.365	152	1609	0.029	ng/ul#	79
15) Phenanthrene	17.430	178	14532	0.160	ng/ul	98
16) Anthracene	17.523	178	1946	0.026	ng/ul#	75
19) Fluoranthene	19.441	202	40158	0.406	ng/ul	97
20) Pyrene	19.808	202	33313m	0.327	ng/ul	
21) Benzo(a)anthracene	21.551	228	14647	0.155	ng/ul#	91
22) Chrysene	21.606	228	19189	0.196	ng/ul#	92
24) Benzo(b)fluoranthene	23.290	252	26925m	0.270	ng/ul	
25) Benzo(k)fluoranthene	23.337	252	9431m	0.098	ng/ul	
26) Benzo(a)pyrene	23.948	252	13994	0.174	ng/ul#	2
27) Indeno(1,2,3-cd)pyrene	26.683	276	12350	0.120	ng/ul#	81
29) Benzo(g,h,i)perylene	27.511	276	13307	0.152	ng/ul#	51

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

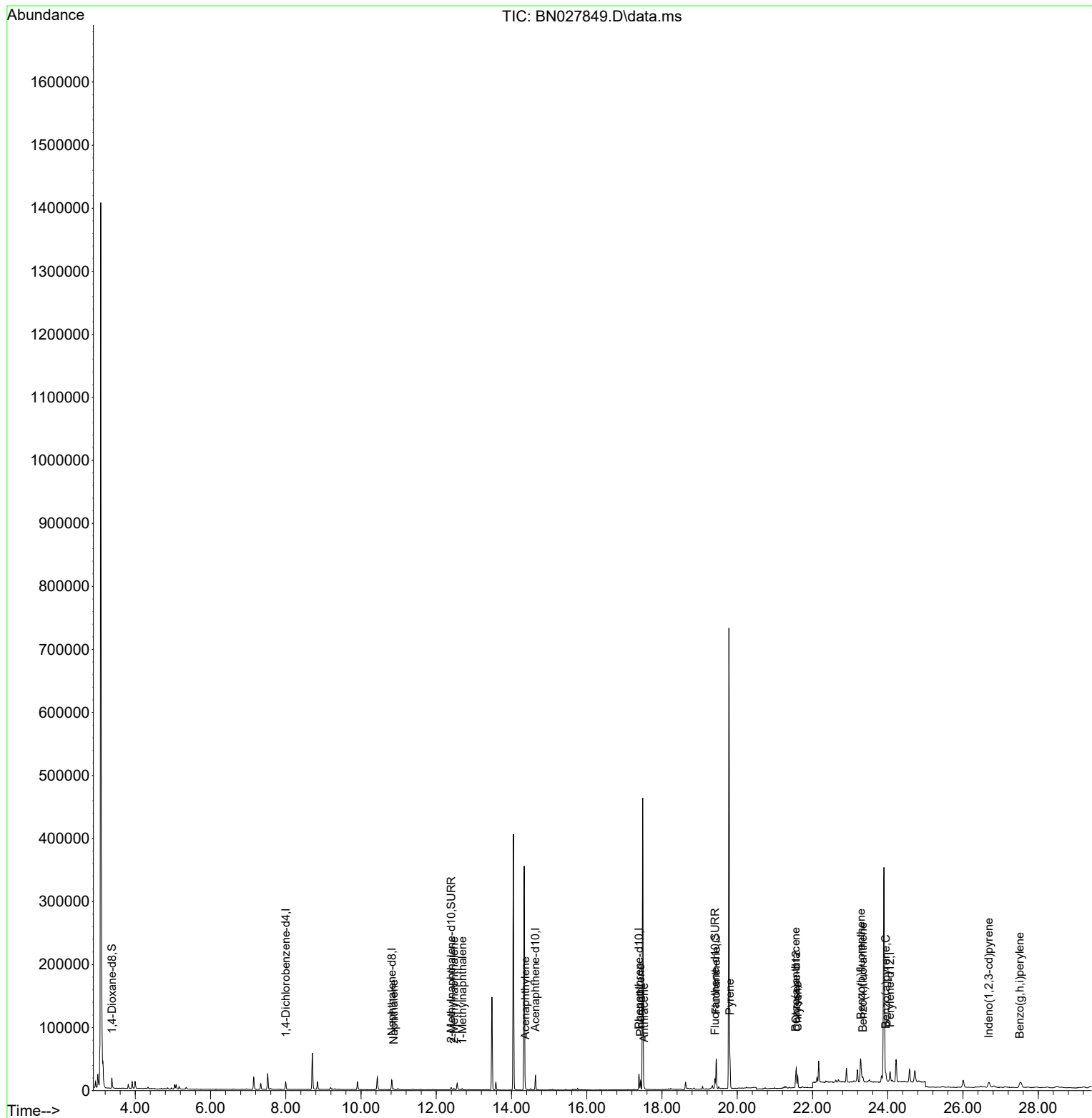
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027849.D
Acq On : 23 Sep 2023 06:43
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ALS Vial : 69 Sample Multiplier: 1

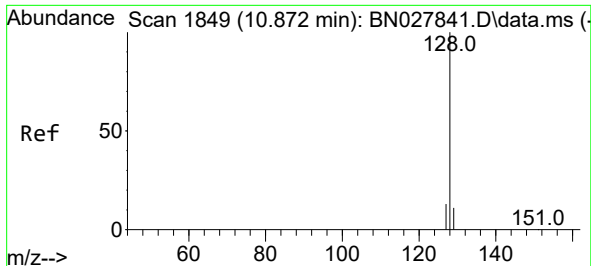
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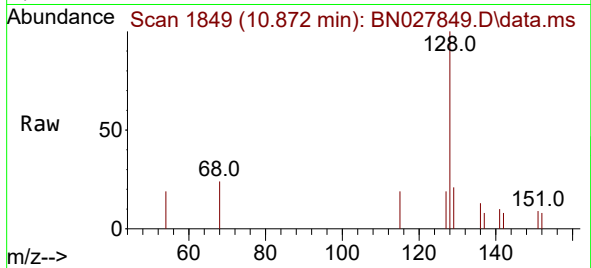
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

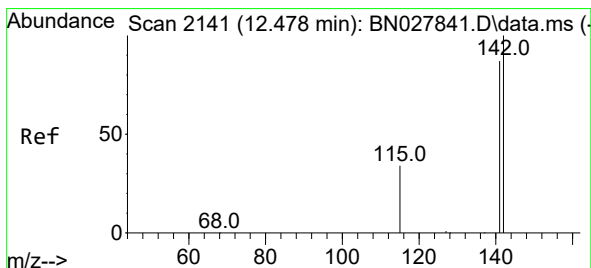
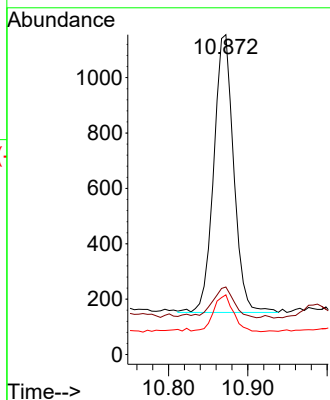
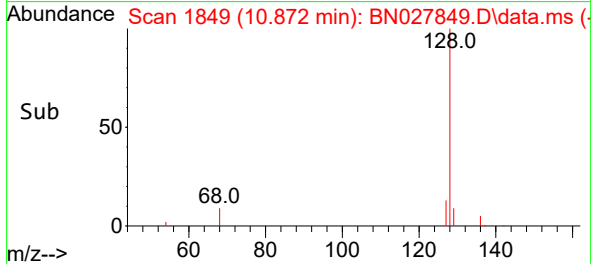
Instrument :
BNA_N
ClientSampleId :
C0AC3



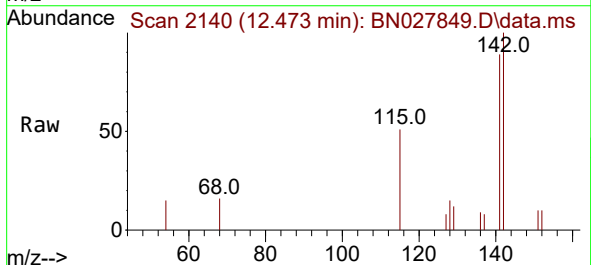
Tgt Ion:128 Resp: 175
Ion Ratio Lower Upper
128 100
129 21.1 9.3 13.9
127 18.7 10.7 16.1

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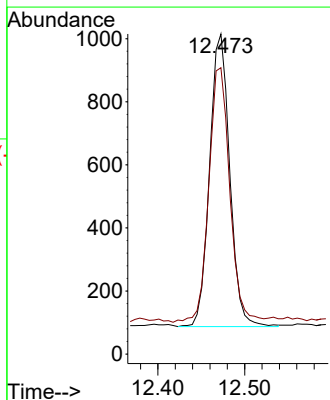
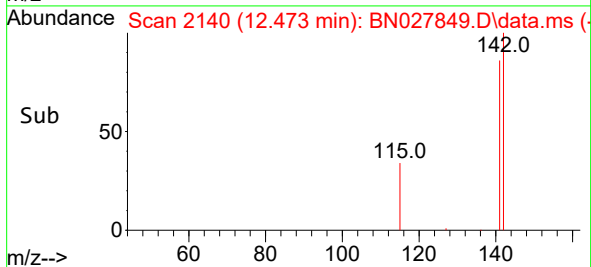
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

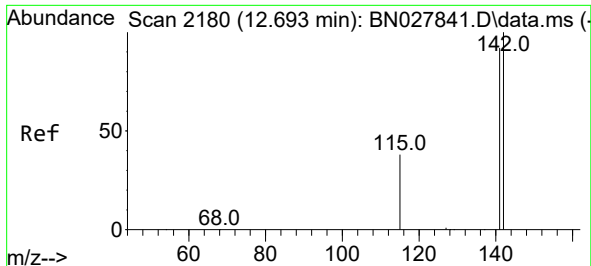


#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43



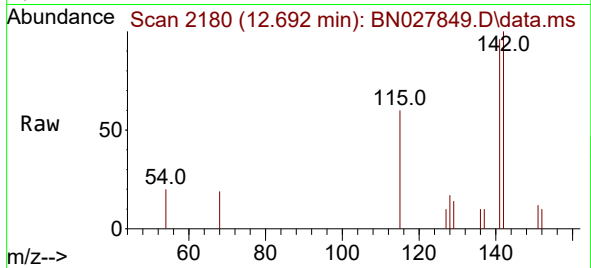
Tgt Ion:142 Resp: 1497
Ion Ratio Lower Upper
142 100
141 91.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.692 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

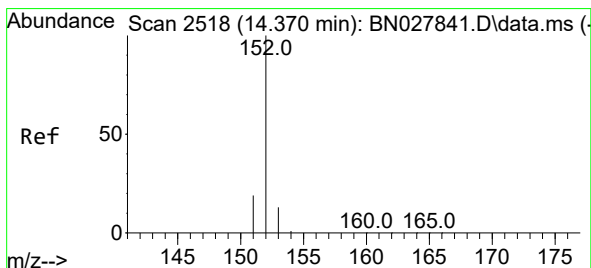
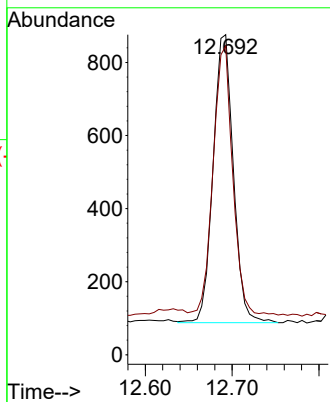
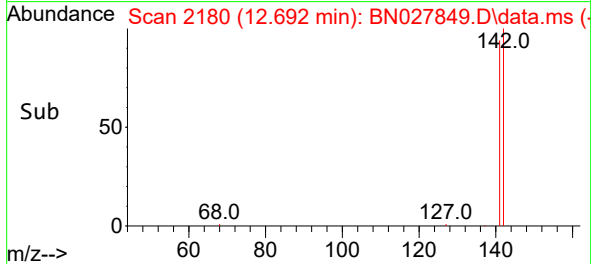
Instrument :
BNA_N
ClientSampleId :
C0AC3



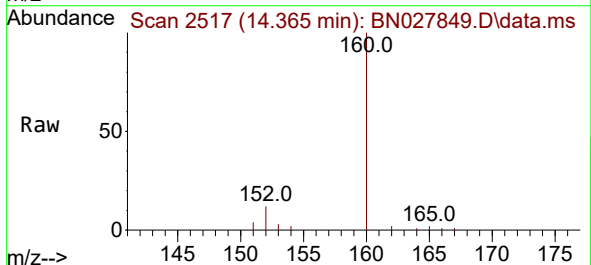
Tgt Ion:142 Resp: 127
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2

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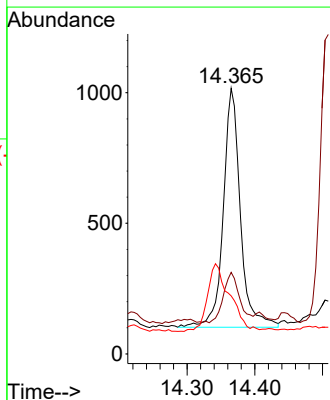
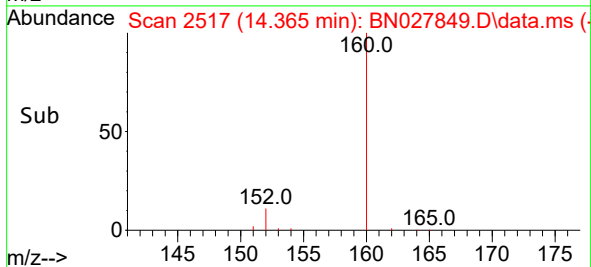
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

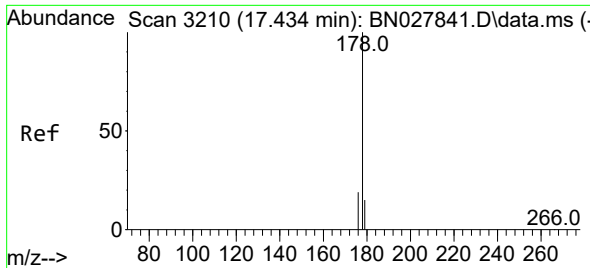


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.365 min Scan# 2517
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43



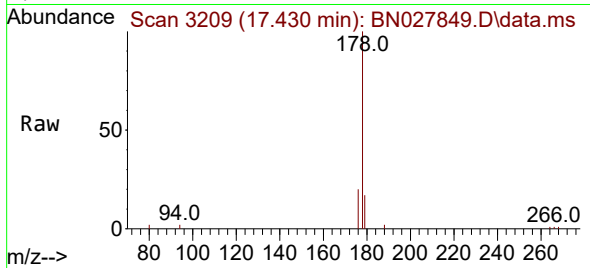
Tgt Ion:152 Resp: 1609
Ion Ratio Lower Upper
152 100
151 30.7 16.6 25.0#
153 21.8 11.0 16.6#





#15
Phenanthrene
Concen: 0.160 ng/ul
RT: 17.430 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

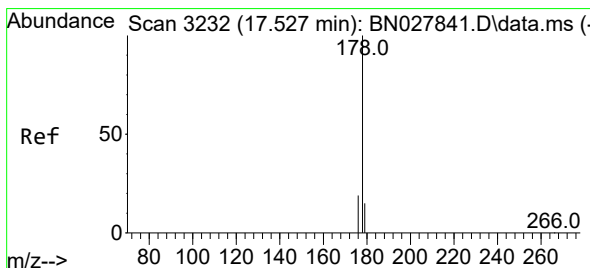
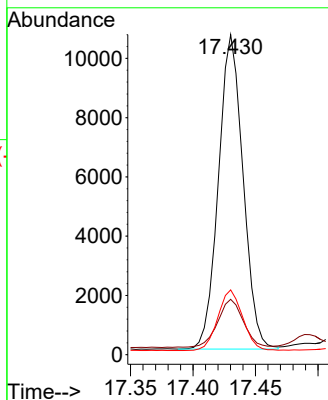
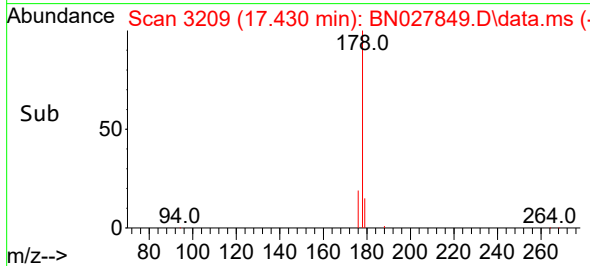
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 1453
Ion Ratio Lower Upper
178 100
179 17.3 12.4 18.6
176 20.2 16.0 24.0

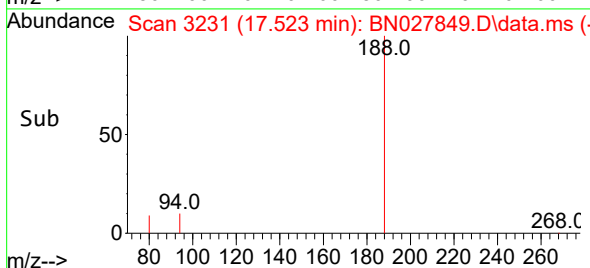
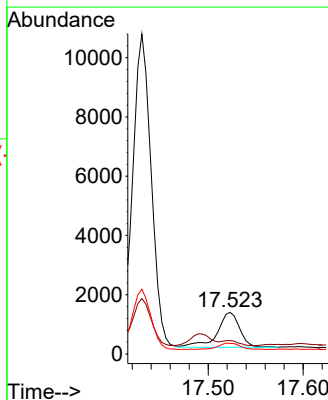
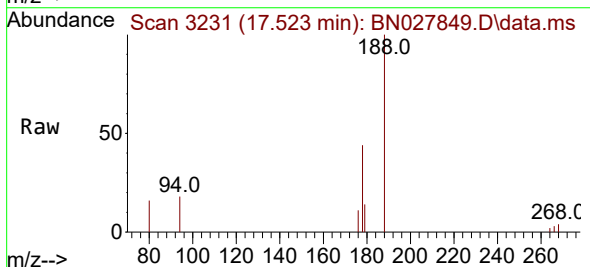
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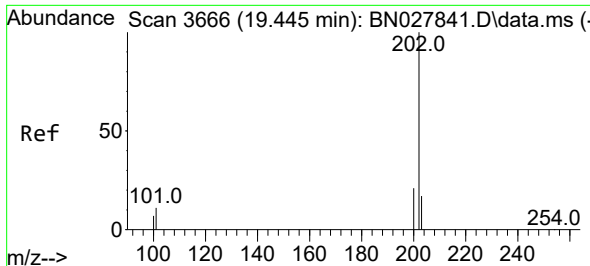
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

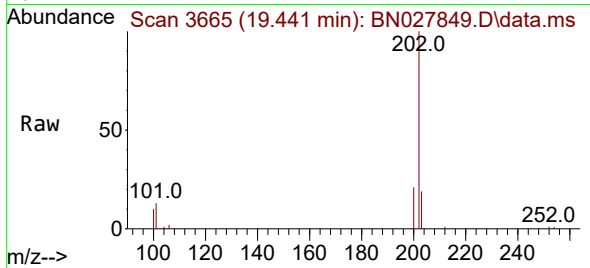
Tgt Ion:178 Resp: 1946
Ion Ratio Lower Upper
178 100
179 32.2 12.6 19.0#
176 25.6 15.5 23.3#





#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.441 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

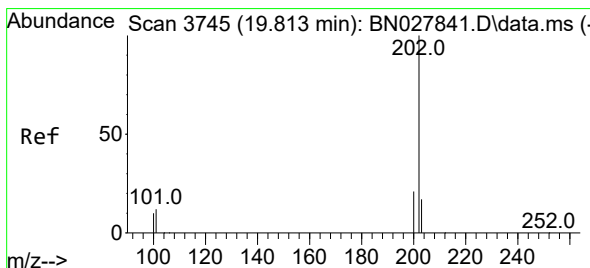
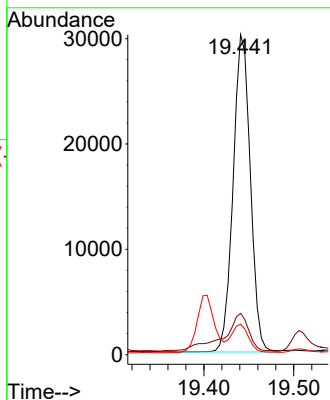
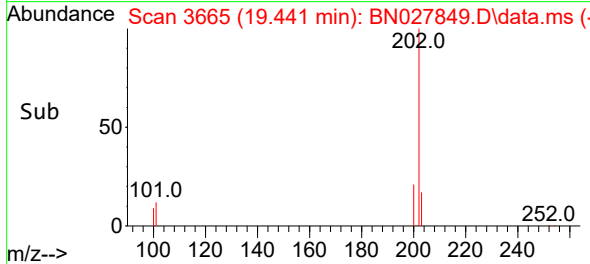
Instrument :
BNA_N
ClientSampleId :
C0AC3



Tgt Ion:202 Resp: 40158
Ion Ratio Lower Upper
202 100
101 12.9 9.3 13.9
100 9.5 7.0 10.4

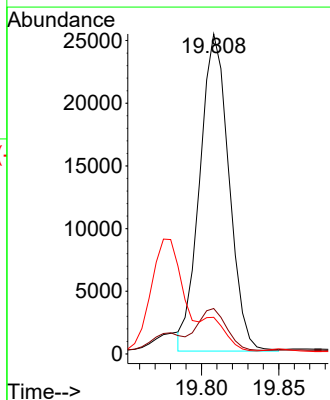
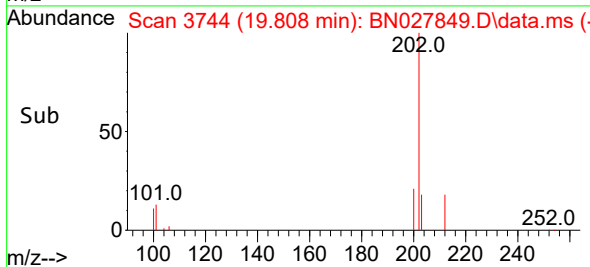
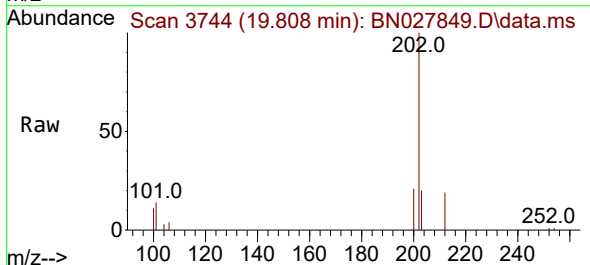
Manual Integrations
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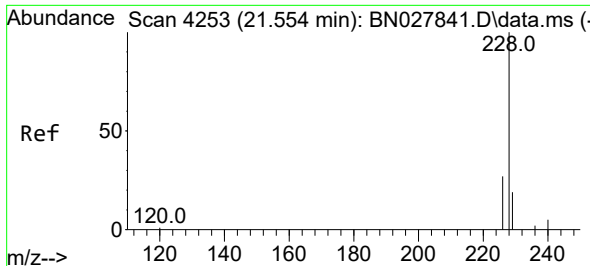
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#20
Pyrene
Concen: 0.327 ng/ul m
RT: 19.808 min Scan# 3744
Delta R.T. -0.005 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

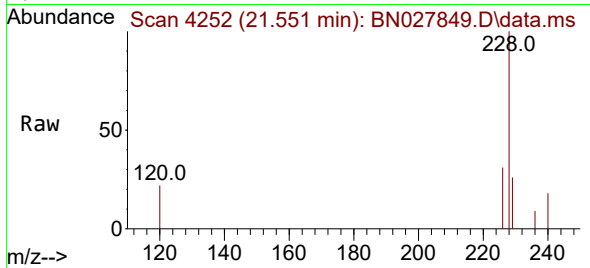
Tgt Ion:202 Resp: 33313
Ion Ratio Lower Upper
202 100
101 14.2 11.4 17.0
100 11.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.155 ng/ul
RT: 21.551 min Scan# 4253
Delta R.T. -0.003 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

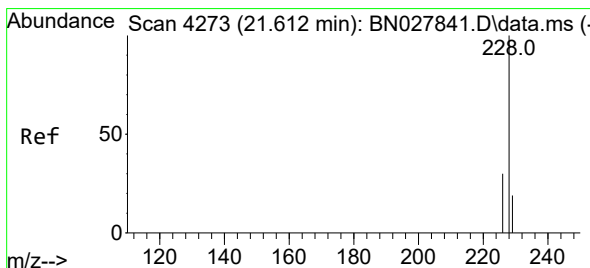
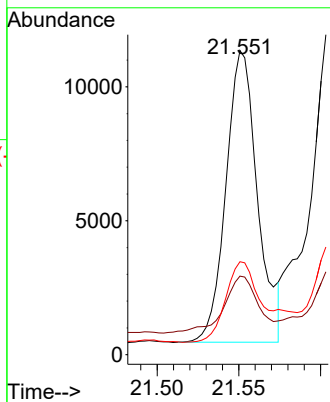
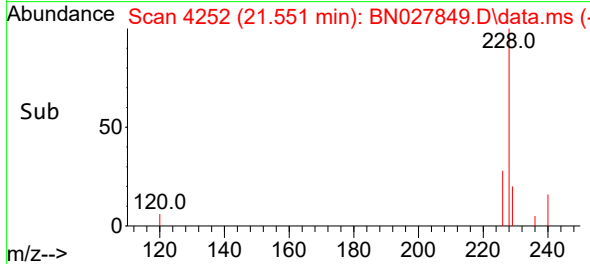
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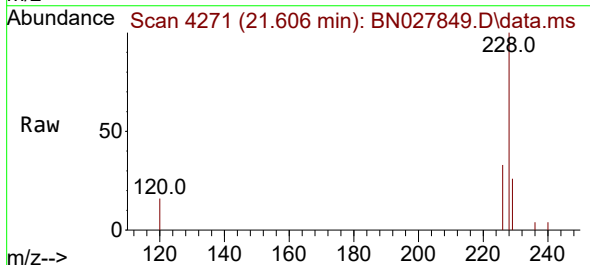
Tgt Ion:228 Resp: 1464
Ion Ratio Lower Upper
228 100
229 25.8 15.8 23.8
226 30.6 22.0 33.0

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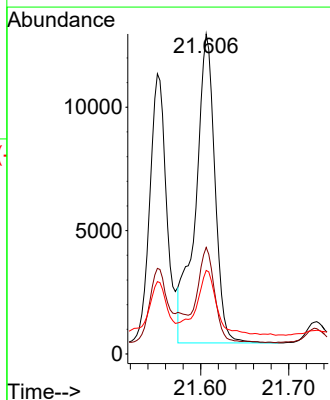
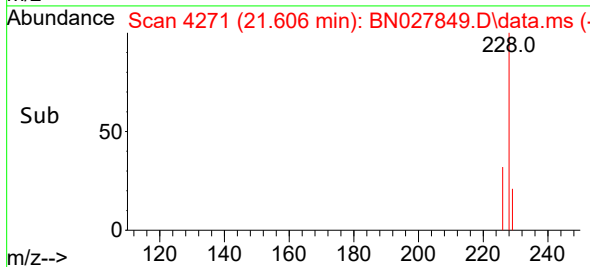
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

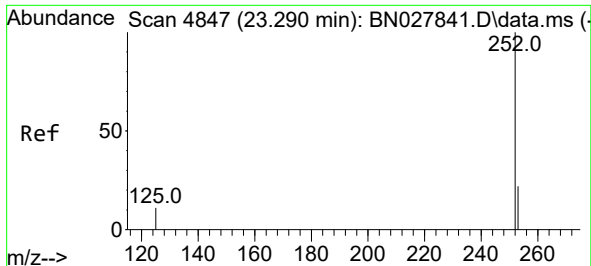


#22
Chrysene
Concen: 0.196 ng/ul
RT: 21.606 min Scan# 4271
Delta R.T. -0.003 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43



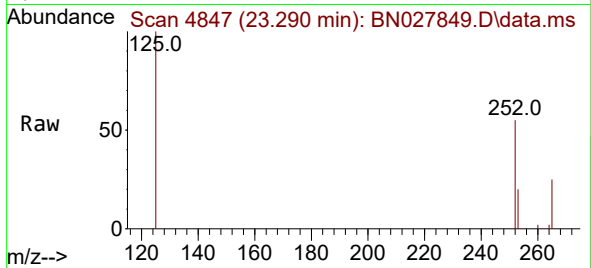
Tgt Ion:228 Resp: 19189
Ion Ratio Lower Upper
228 100
226 33.3 24.5 36.7
229 26.1 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul m
RT: 23.290 min Scan# 4847
Delta R.T. 0.000 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

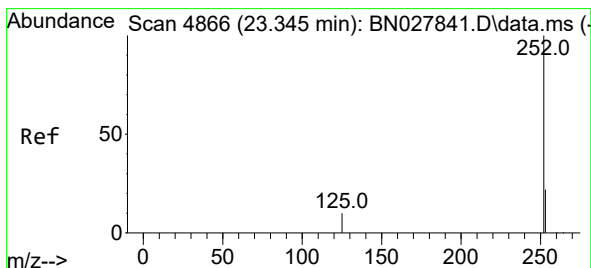
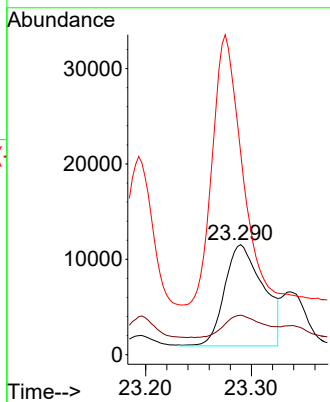
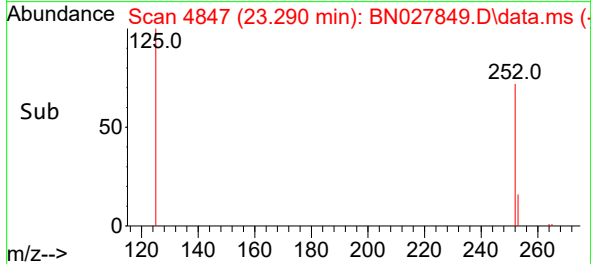
Instrument :
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Tgt Ion:252 Resp: 26925
Ion Ratio Lower Upper
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253 35.9 0.0 50.2
125 182.8 0.0 31.4

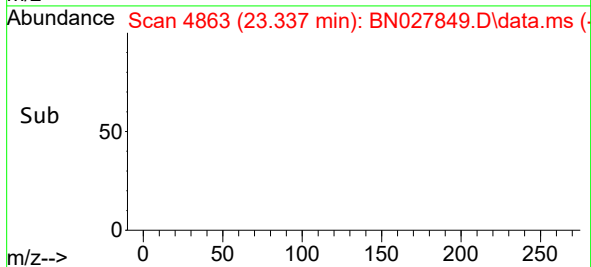
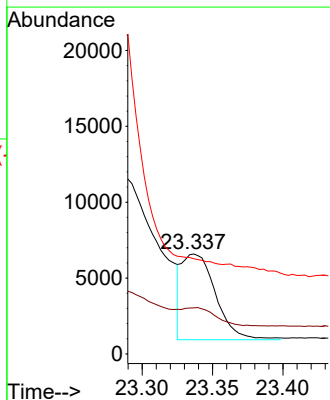
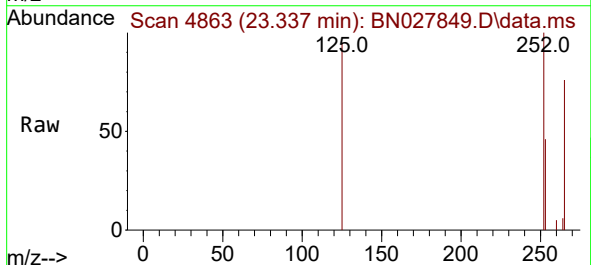
Manual Integrations
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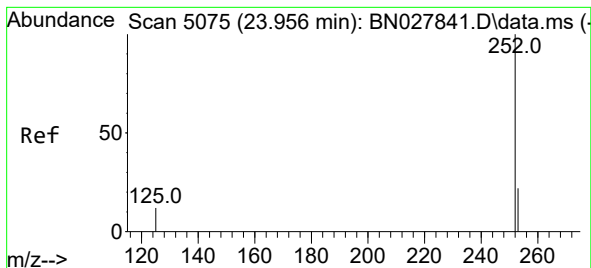
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.337 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027849.D
Acq: 23 Sep 2023 06:43

Tgt Ion:252 Resp: 9431
Ion Ratio Lower Upper
252 100
253 46.1 19.9 29.9#
125 95.2 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.174 ng/ul

RT: 23.948 min Scan# 5075

Delta R.T. -0.003 min

Lab File: BN027849.D

Acq: 23 Sep 2023 06:43

Instrument :

BNA_N

ClientSampleId :

C0AC3

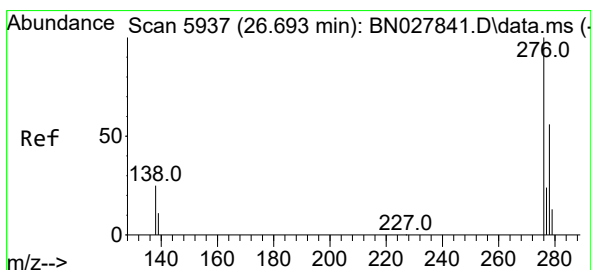
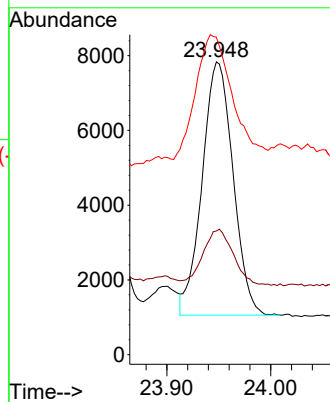
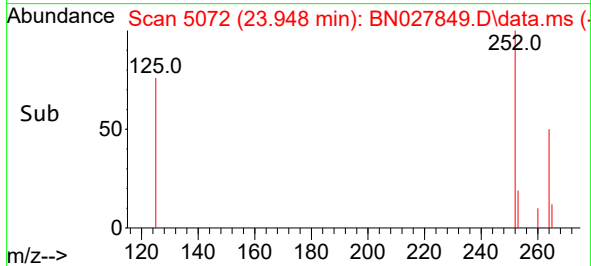
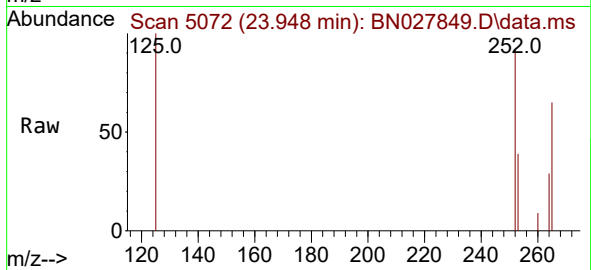
Tgt Ion:	252	Resp:	13994
Ion Ratio	Lower	Upper	
252	100		
253	42.2	21.9	32.9
125	108.4	15.5	23.3

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.120 ng/ul

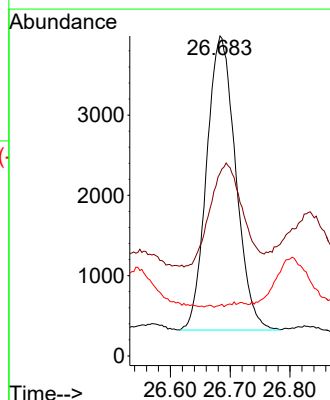
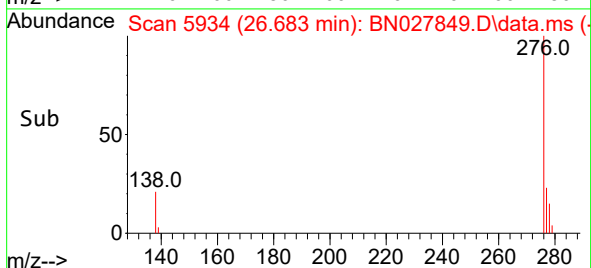
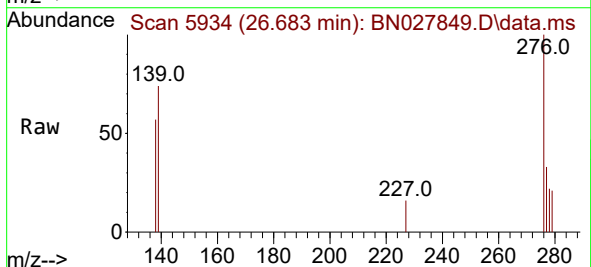
RT: 26.683 min Scan# 5934

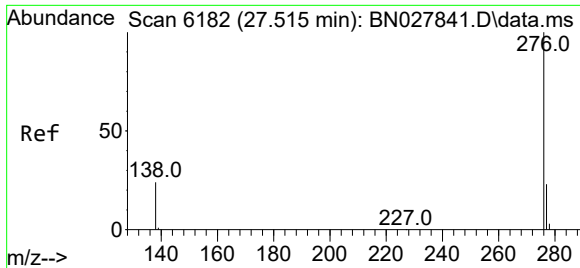
Delta R.T. 0.000 min

Lab File: BN027849.D

Acq: 23 Sep 2023 06:43

Tgt Ion:	276	Resp:	12350
Ion Ratio	Lower	Upper	
276	100		
138	40.6	24.3	36.5
227	0.0	0.0	0.0





#29

Benzo(g,h,i)perylene

Concen: 0.152 ng/ul

RT: 27.511 min Scan# 61

Delta R.T. 0.007 min

Lab File: BN027849.D

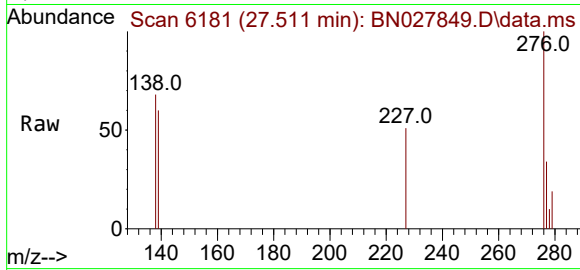
Acq: 23 Sep 2023 06:43

Instrument :

BNA_N

ClientSampleId :

C0AC3



Tgt Ion:276 Resp: 1330

Ion Ratio Lower Upper

276 100

138 68.0 21.7 32.5

277 34.0 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023

