

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027822.D
 Acq On : 22 Sep 2023 12:59
 Operator : MA/JU
 Sample : 04332-18
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AE5

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 13:56:16 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	6140	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	21141	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12858	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	29436	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	23752	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	20870	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	17755	2.296	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	5246	0.164	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	13707	0.189	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.872	128	1990	0.033	ng/ul#	83
7) 2-Methylnaphthalene	12.478	142	1737	0.045	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	1473	0.037	ng/ul	99
10) Acenaphthylene	14.370	152	1779	0.032	ng/ul#	79
15) Phenanthrene	17.434	178	13482	0.146	ng/ul	97
16) Anthracene	17.523	178	1975	0.026	ng/ul#	69
19) Fluoranthene	19.446	202	35017	0.365	ng/ul	96
20) Pyrene	19.813	202	30161m	0.305	ng/ul	
21) Benzo(a)anthracene	21.557	228	13760	0.150	ng/ul#	91
22) Chrysene	21.612	228	17306	0.182	ng/ul#	92
24) Benzo(b)fluoranthene	23.293	252	25175m	0.271	ng/ul	
25) Benzo(k)fluoranthene	23.343	252	8379m	0.093	ng/ul	
26) Benzo(a)pyrene	23.954	252	12590	0.168	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.694	276	10370	0.108	ng/ul#	1
29) Benzo(g,h,i)perylene	27.522	276	11517	0.141	ng/ul#	34

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

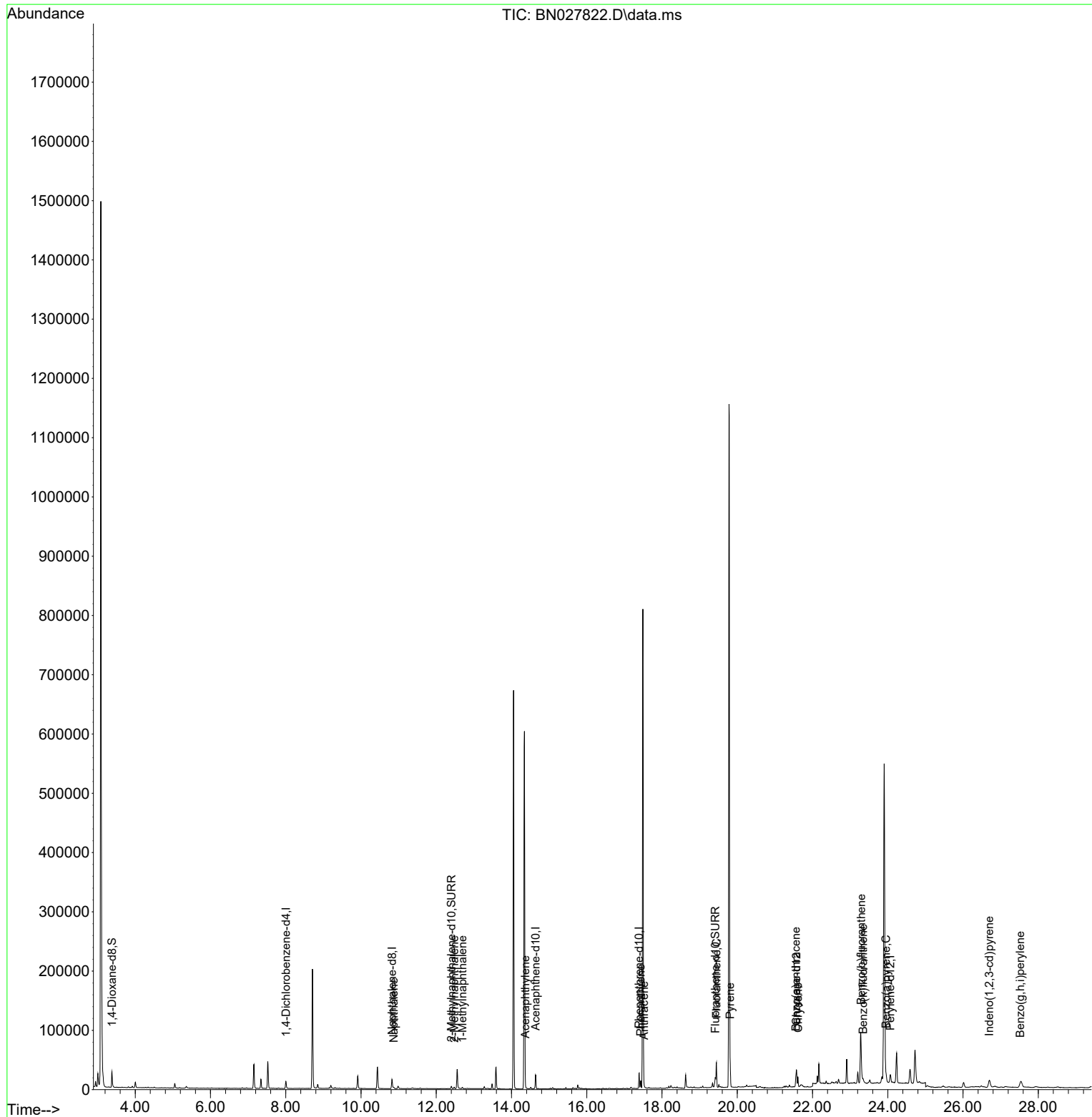
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027822.D
Acq On : 22 Sep 2023 12:59
Operator : MA/JU
Sample : 04332-18
Misc :
ALS Vial : 41 Sample Multiplier: 1

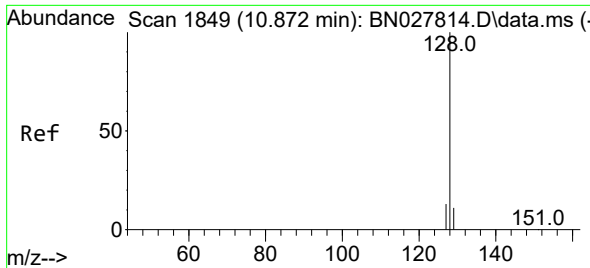
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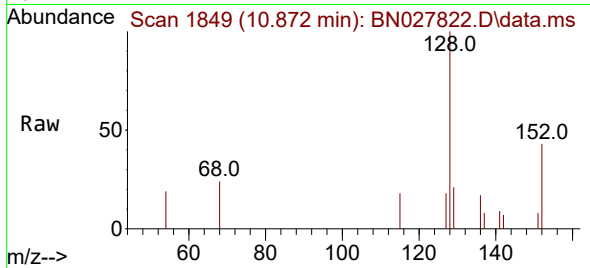
Quant Time: Sep 22 13:56:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

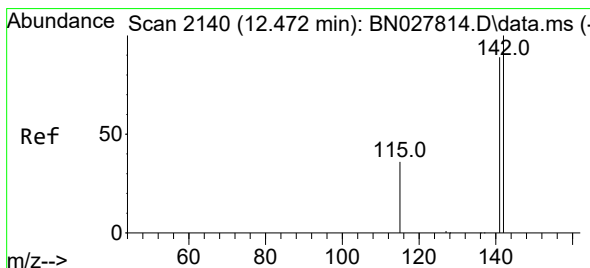
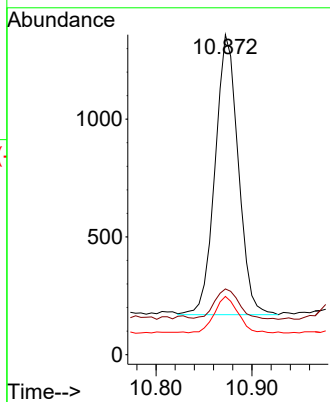
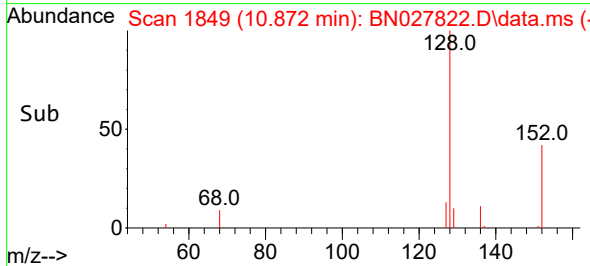
Instrument :
BNA_N
ClientSampleId :
C0AE5



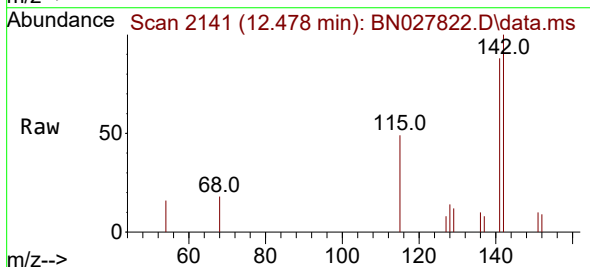
Tgt Ion:128 Resp: 1990
Ion Ratio Lower Upper
128 100
129 20.5 9.3 13.9
127 18.2 10.7 16.1

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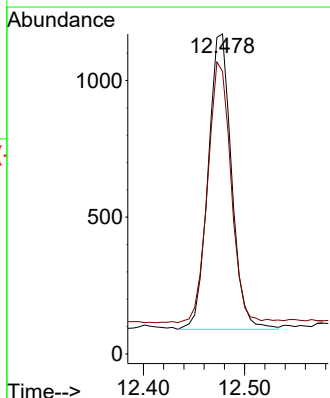
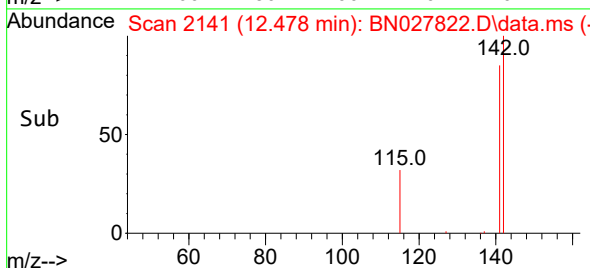
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

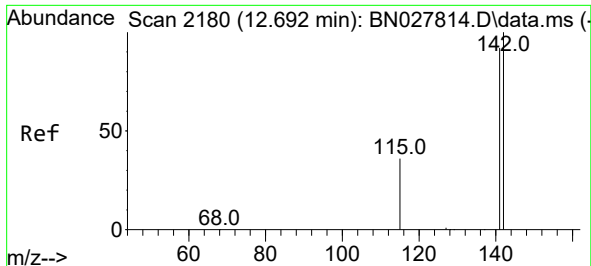


#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59



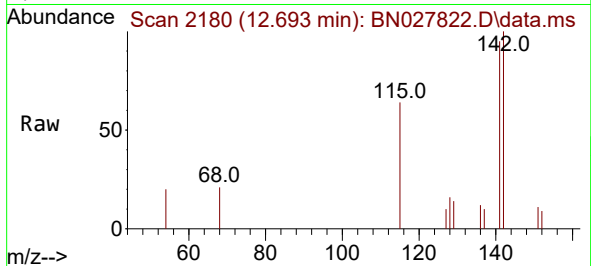
Tgt Ion:142 Resp: 1737
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

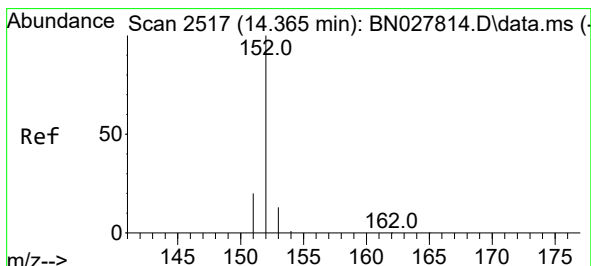
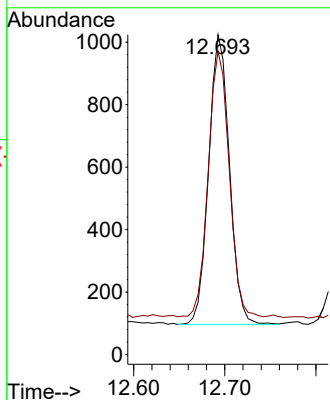
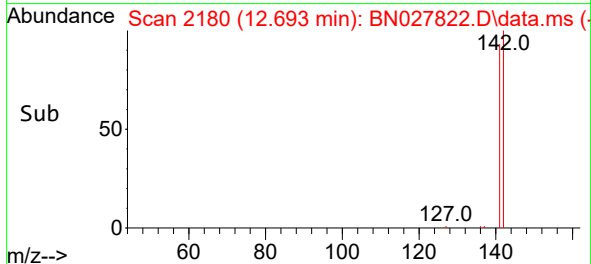
Instrument :
BNA_N
ClientSampleId :
C0AE5



Tgt Ion:142 Resp: 147
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2

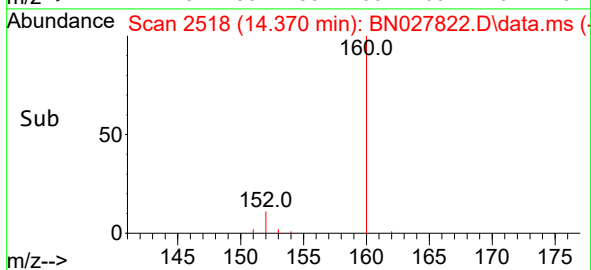
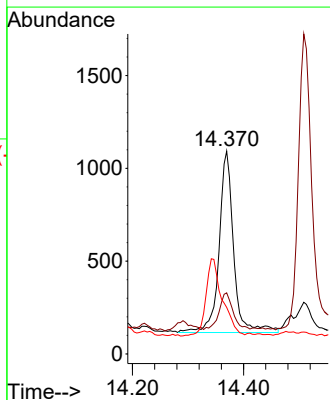
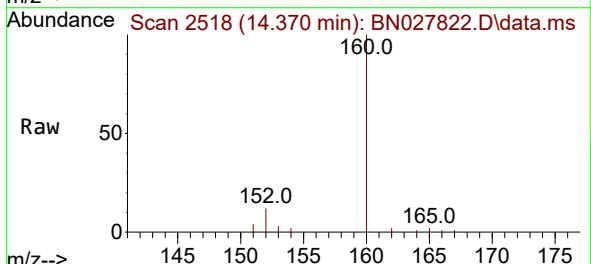
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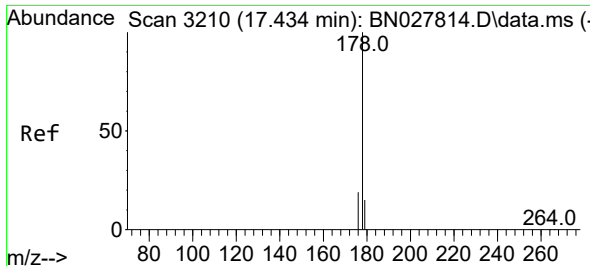
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

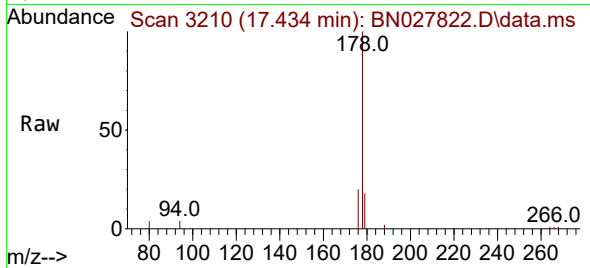
Tgt Ion:152 Resp: 1779
Ion Ratio Lower Upper
152 100
151 30.1 16.6 25.0#
153 23.0 11.0 16.6#





#15
Phenanthrene
Concen: 0.146 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

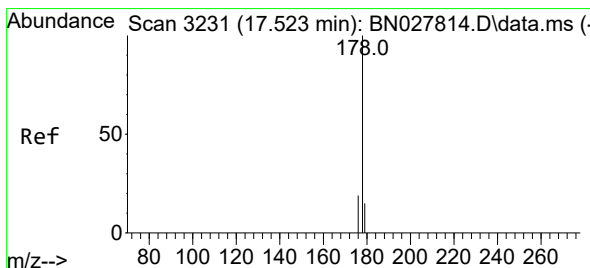
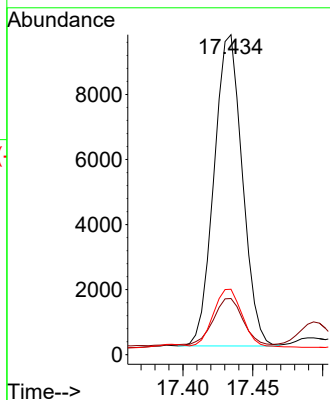
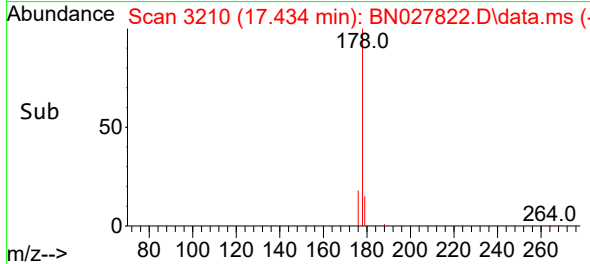
Instrument :
BNA_N
ClientSampleId :
C0AE5



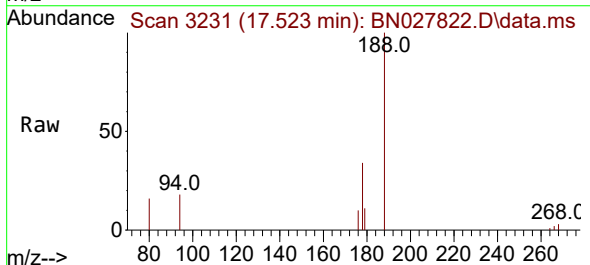
Tgt Ion:178 Resp: 1348
Ion Ratio Lower Upper
178 100
179 17.6 12.4 18.6
176 20.5 16.0 24.0

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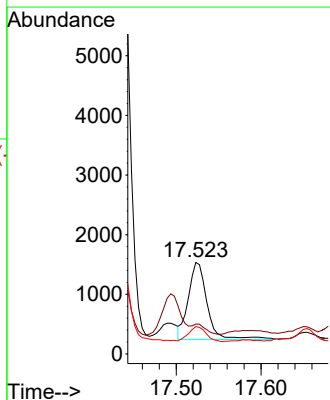
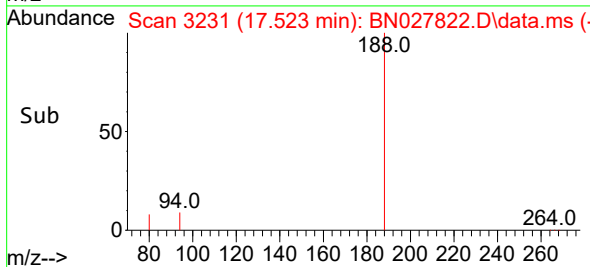
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

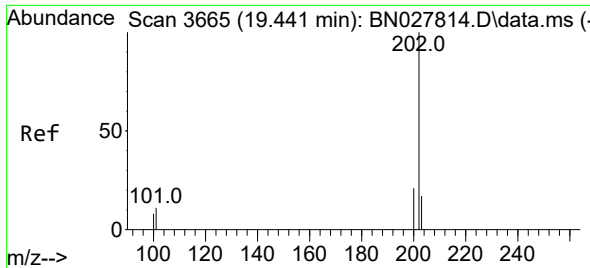


#16
Anthracene
Concen: 0.026 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59



Tgt Ion:178 Resp: 1975
Ion Ratio Lower Upper
178 100
179 32.6 12.6 19.0#
176 29.9 15.5 23.3#





#19

Fluoranthene

Concen: 0.365 ng/ul

RT: 19.446 min Scan# 3666

Delta R.T. 0.000 min

Lab File: BN027822.D

Acq: 22 Sep 2023 12:59

Instrument :

BNA_N

ClientSampleId :

C0AE5

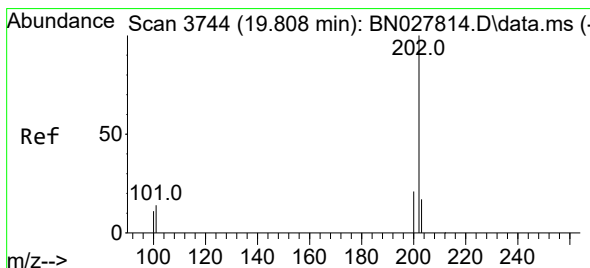
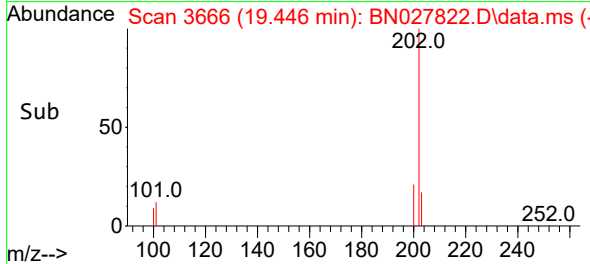
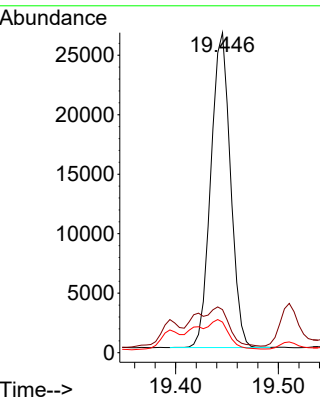
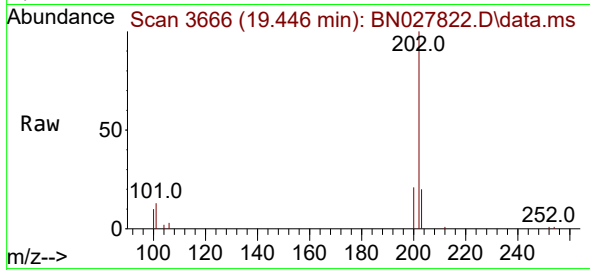
Tgt Ion:	202	Resp:	3501
Ion Ratio	Lower	Upper	
202	100		
101	13.4	9.3	13.9
100	9.6	7.0	10.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#20

Pyrene

Concen: 0.305 ng/ul m

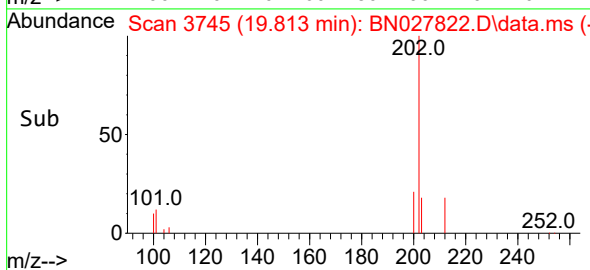
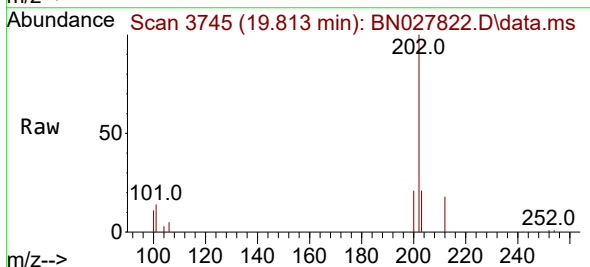
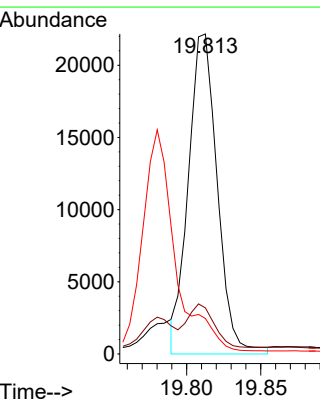
RT: 19.813 min Scan# 3745

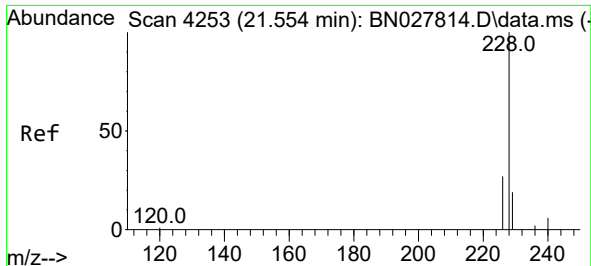
Delta R.T. 0.000 min

Lab File: BN027822.D

Acq: 22 Sep 2023 12:59

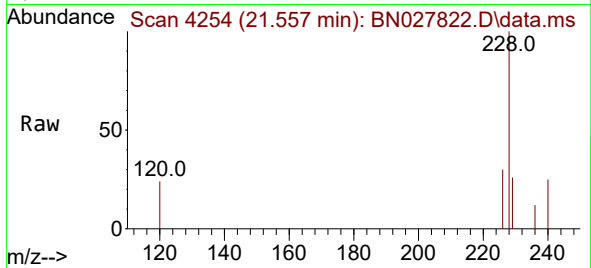
Tgt Ion:	202	Resp:	30161
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.4	17.0
100	11.1	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.150 ng/ul
RT: 21.557 min Scan# 4253
Delta R.T. 0.003 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

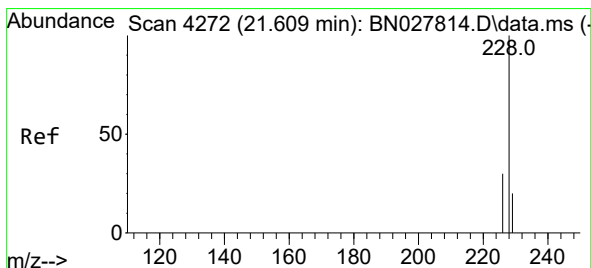
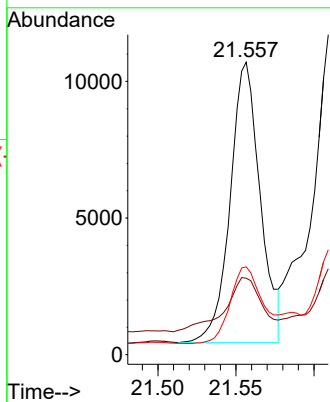
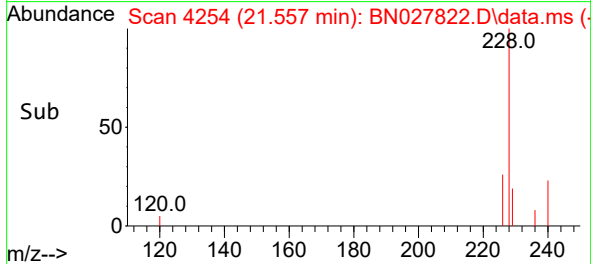
Instrument :
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C0AE5



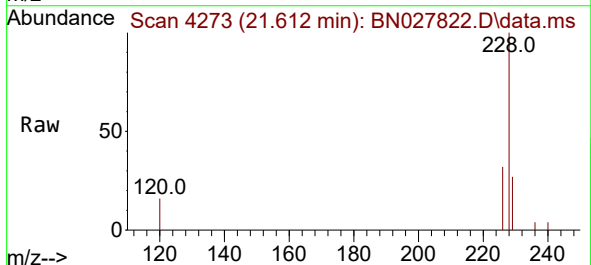
Tgt Ion:228 Resp: 13760
Ion Ratio Lower Upper
228 100
229 26.2 15.8 23.8
226 30.0 22.0 33.0

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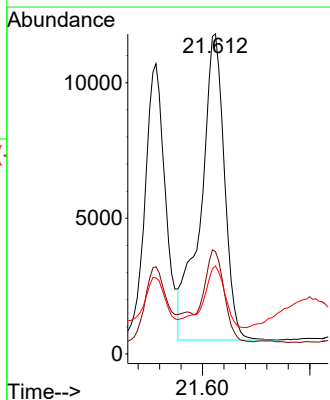
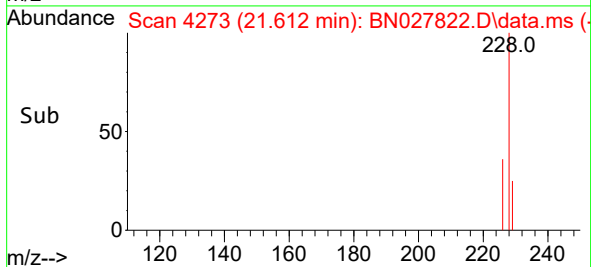
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

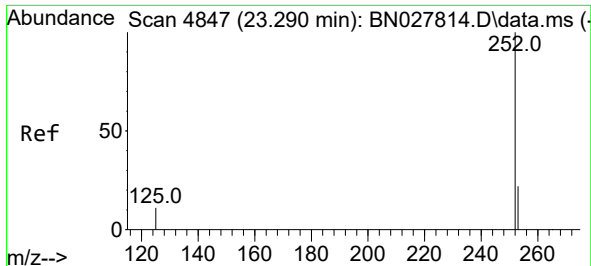


#22
Chrysene
Concen: 0.182 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59



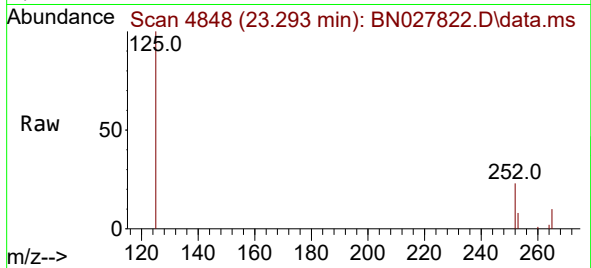
Tgt Ion:228 Resp: 17306
Ion Ratio Lower Upper
228 100
226 32.0 24.5 36.7
229 27.5 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.271 ng/ul m
RT: 23.293 min Scan# 4847
Delta R.T. 0.003 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

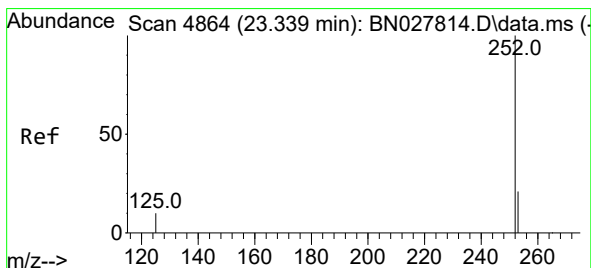
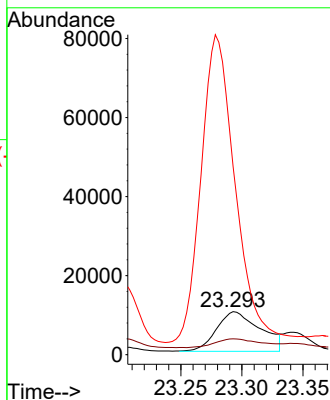
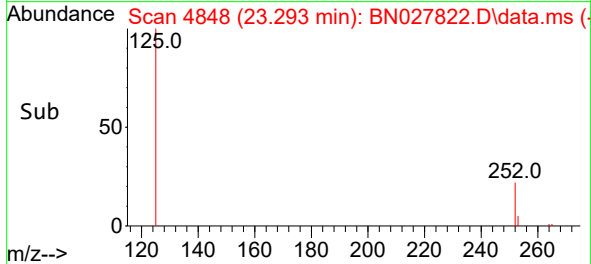
Instrument :
BNA_N
ClientSampleId :
C0AE5



Tgt Ion:252 Resp: 2517
Ion Ratio Lower Upper
252 100
253 36.7 0.0 50.2
125 437.1 0.0 31.4

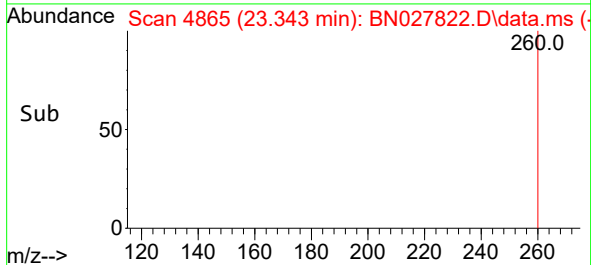
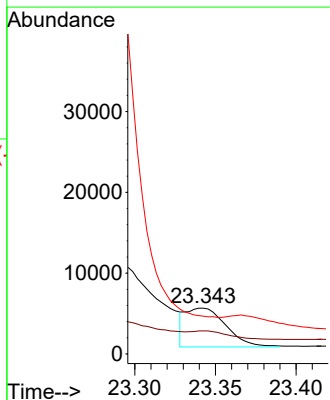
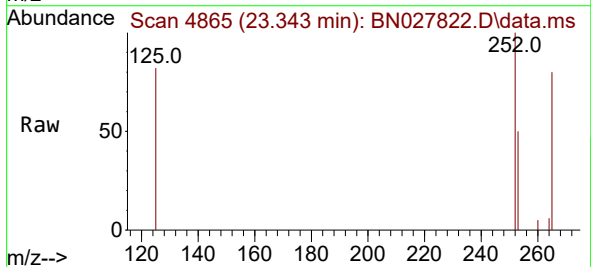
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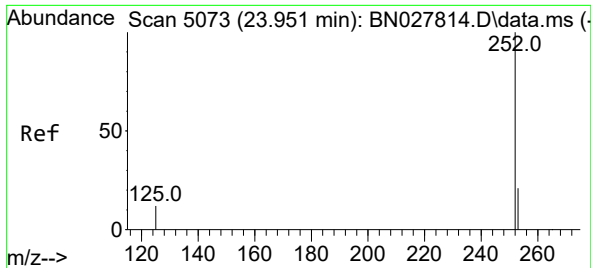
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul m
RT: 23.343 min Scan# 4865
Delta R.T. 0.000 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

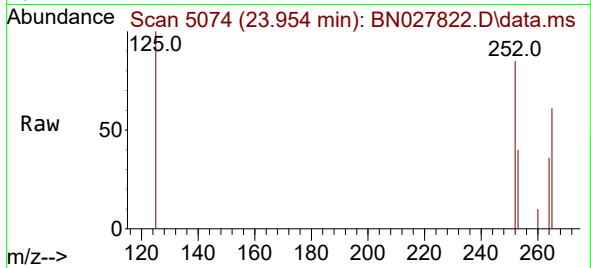
Tgt Ion:252 Resp: 8379
Ion Ratio Lower Upper
252 100
253 50.2 19.9 29.9#
125 82.3 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.168 ng/ul
RT: 23.954 min Scan# 5073
Delta R.T. 0.003 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

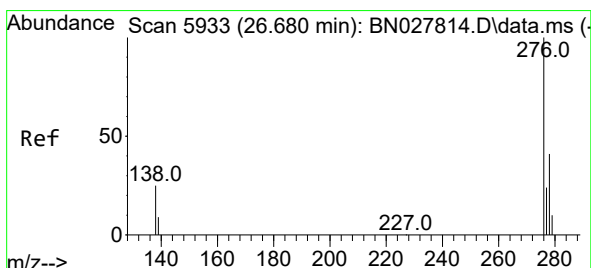
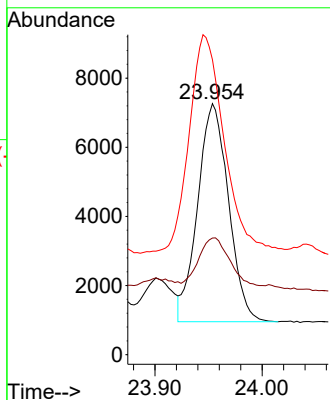
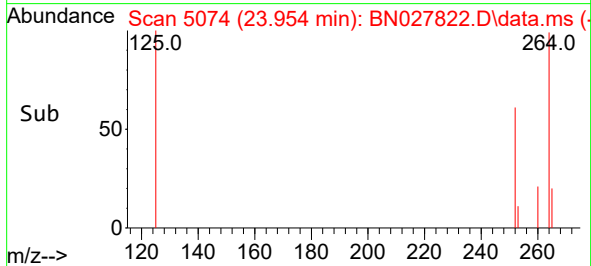
Instrument :
BNA_N
ClientSampleId :
C0AE5



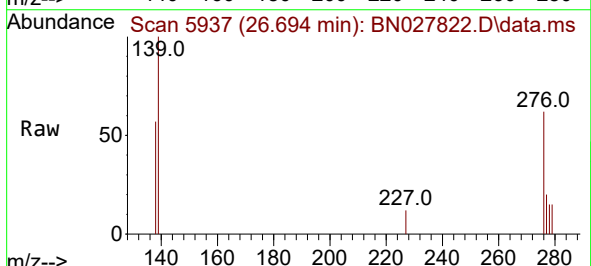
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Ion Ratio Lower Upper
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253 46.4 21.9 32.9#
125 117.5 15.5 23.3#

Manual Integrations
APPROVED

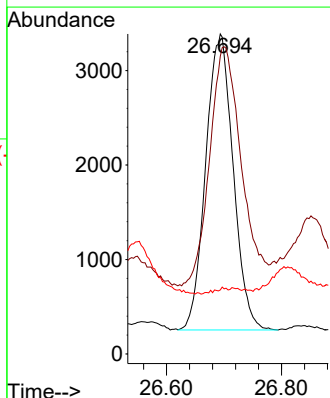
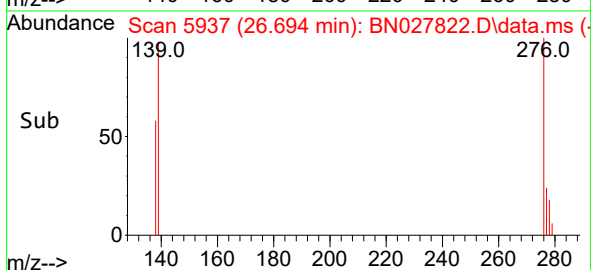
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023

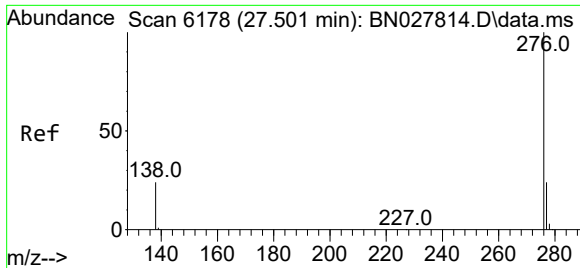


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.108 ng/ul
RT: 26.694 min Scan# 5937
Delta R.T. 0.011 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59



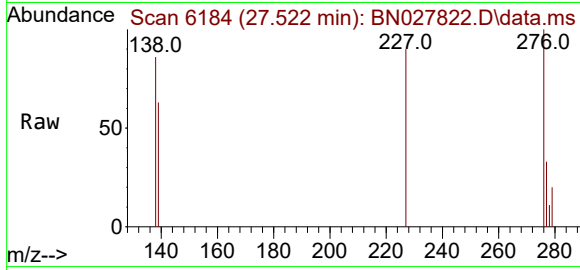
Tgt Ion:276 Resp: 10370
Ion Ratio Lower Upper
276 100
138 96.6 24.3 36.5#
227 1.0 0.0 0.0#





#29
Benzo(g,h,i)perylene
Concen: 0.141 ng/ul
RT: 27.522 min Scan# 6184
Delta R.T. 0.017 min
Lab File: BN027822.D
Acq: 22 Sep 2023 12:59

Instrument :
BNA_N
ClientSampleId :
C0AE5



Tgt Ion:276 Resp: 1151
Ion Ratio Lower Upper
276 100
138 86.1 21.7 32.5
277 32.6 20.2 30.2

Manual Integrations
APPROVED

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