

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027812.D
 Acq On : 22 Sep 2023 06:57
 Operator : MA/JU
 Sample : 04332-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC7

Manual Integrations
 APPROVED

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

Quant Time: Sep 22 07:34:08 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	5387	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	18284	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	10998	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	25268	0.400	ng/ul	0.00
17) Chrysene-d12	21.568	240	20544	0.400	ng/ul	# 0.00
23) Perylene-d12	24.064	264	18271	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	19506	2.875	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	5318	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	13834	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	2290	0.044	ng/ul#	85
7) 2-Methylnaphthalene	12.473	142	1873	0.056	ng/ul	98
8) 1-Methylnaphthalene	12.693	142	1528	0.045	ng/ul	100
10) Acenaphthylene	14.370	152	1363	0.028	ng/ul#	74
15) Phenanthrene	17.430	178	12572	0.158	ng/ul	97
16) Anthracene	17.523	178	1757	0.026	ng/ul#	78
19) Fluoranthene	19.441	202	33576	0.404	ng/ul#	91
20) Pyrene	19.808	202	27828m	0.325	ng/ul	
21) Benzo(a)anthracene	21.553	228	12989	0.163	ng/ul#	91
22) Chrysene	21.609	228	17045	0.208	ng/ul#	93
24) Benzo(b)fluoranthene	23.290	252	25424m	0.312	ng/ul	
25) Benzo(k)fluoranthene	23.336	252	8444m	0.107	ng/ul	
26) Benzo(a)pyrene	23.947	252	12786	0.195	ng/ul#	23
27) Indeno(1,2,3-cd)pyrene	26.686	276	11866	0.141	ng/ul#	1
29) Benzo(g,h,i)perylene	27.521	276	18255	0.256	ng/ul#	1

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

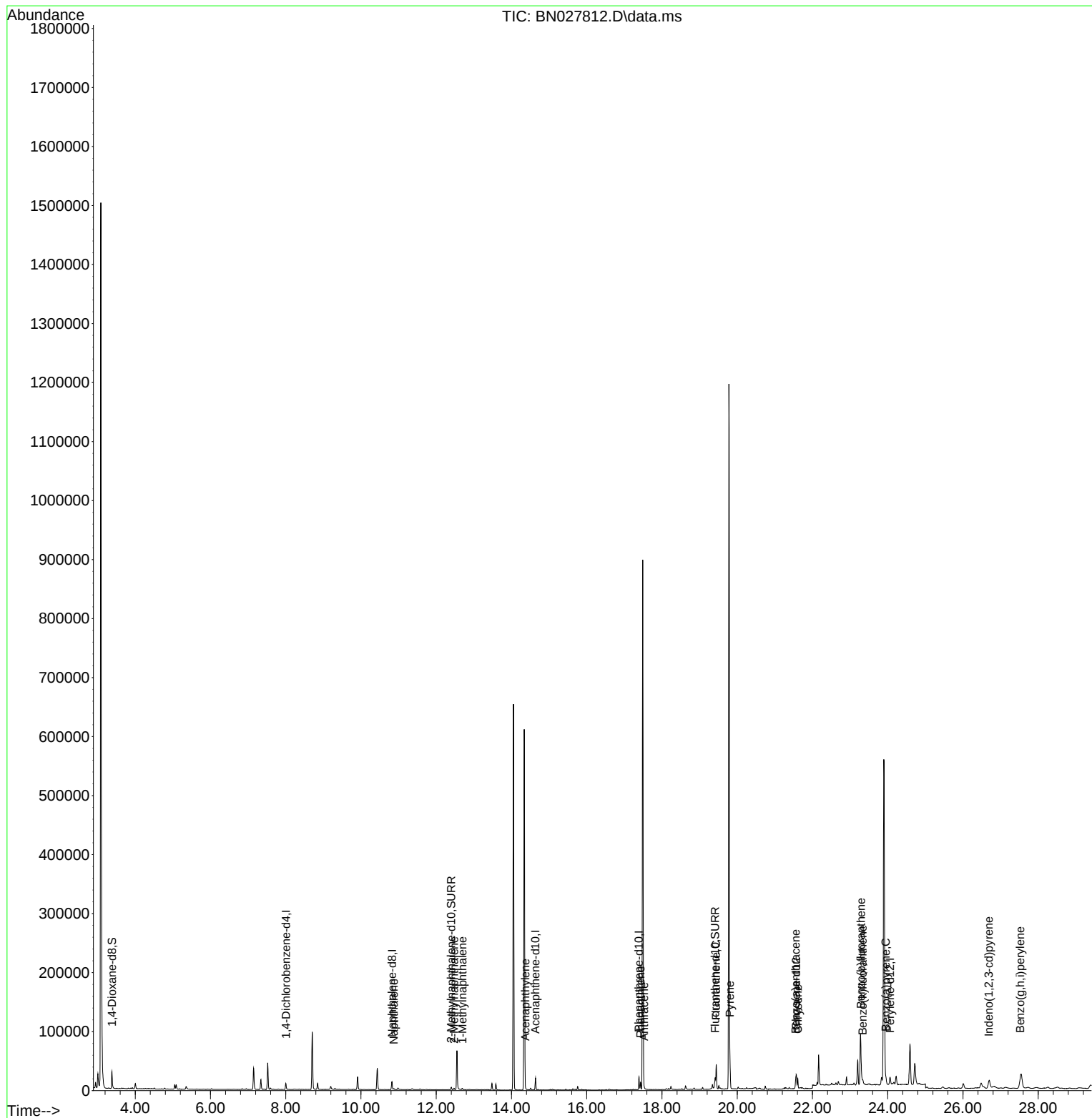
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027812.D
Acq On : 22 Sep 2023 06:57
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Sample : 04332-07
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ALS Vial : 30 Sample Multiplier: 1

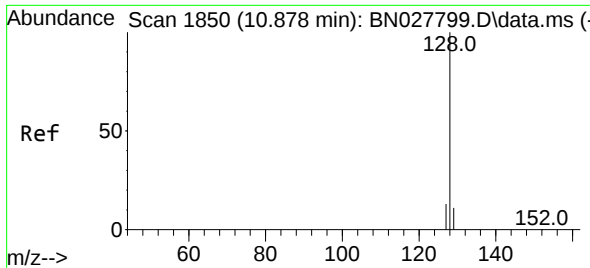
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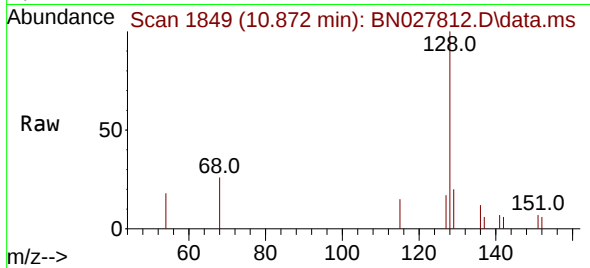
Quant Time: Sep 22 07:34:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
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#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

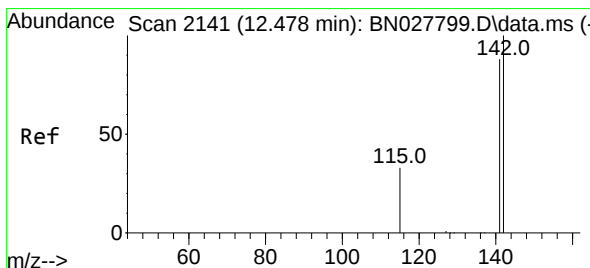
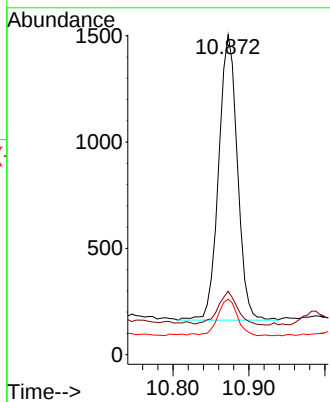
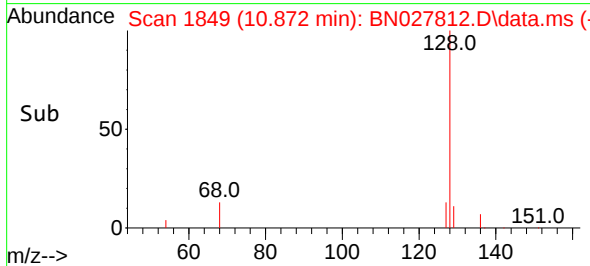
Instrument :
BNA_N
ClientSampleId :
C0AC7



Tgt Ion:128 Resp: 2290
Ion Ratio Lower Upper
128 100
129 19.8 9.3 13.9
127 17.3 10.7 16.1

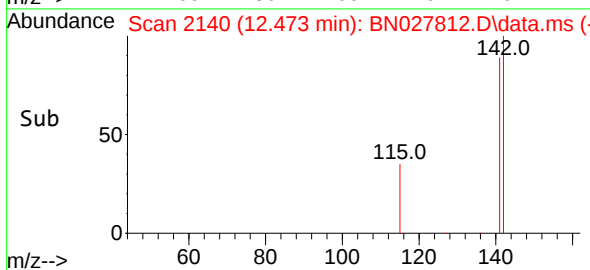
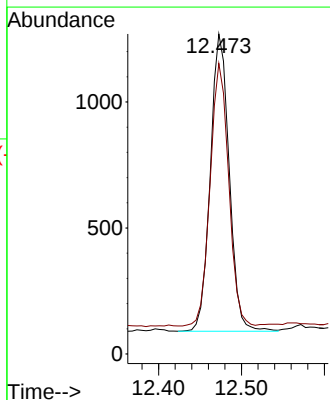
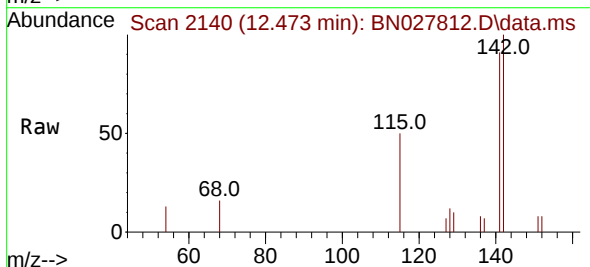
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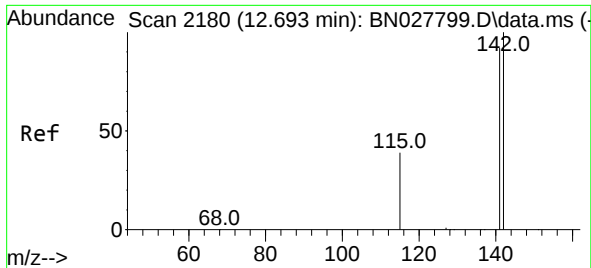
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

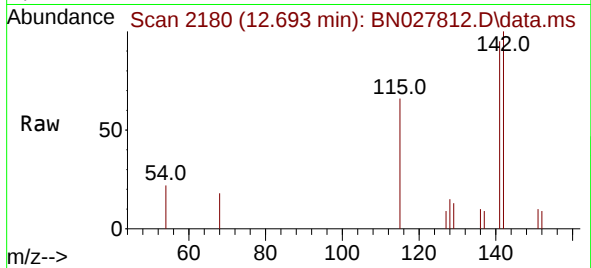
Tgt Ion:142 Resp: 1873
Ion Ratio Lower Upper
142 100
141 86.7 71.1 106.7





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

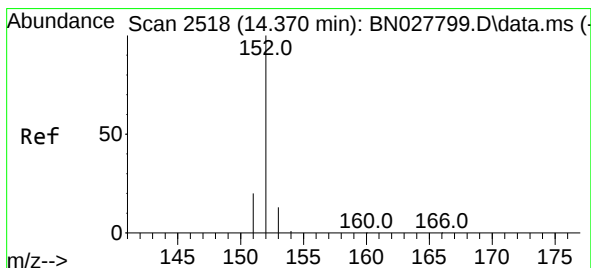
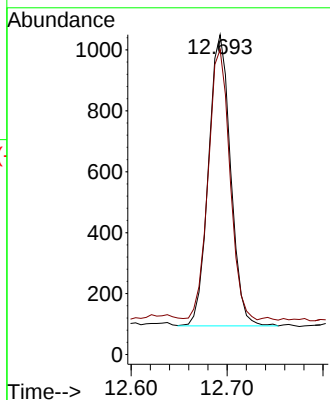
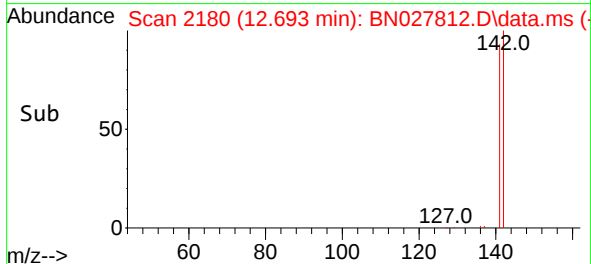
Instrument :
BNA_N
ClientSampleId :
C0AC7



Tgt Ion:142 Resp: 1528
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2

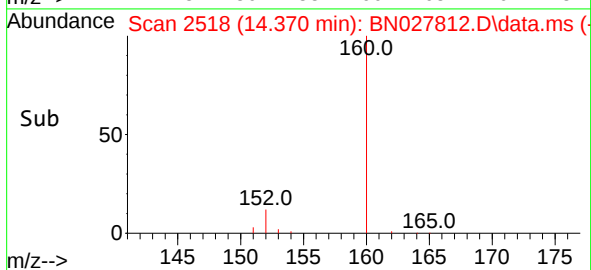
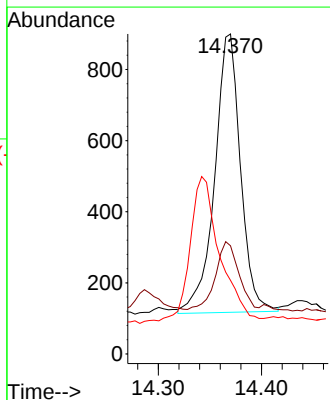
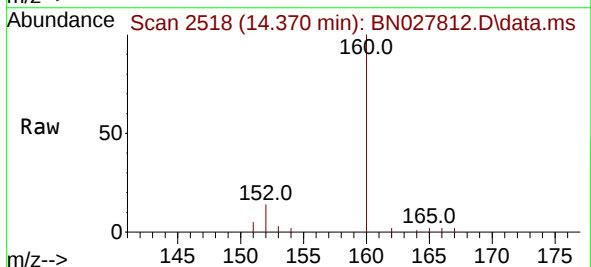
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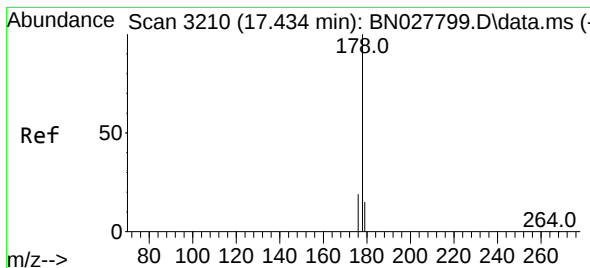
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

Tgt Ion:152 Resp: 1363
Ion Ratio Lower Upper
152 100
151 33.8 16.6 25.0#
153 23.0 11.0 16.6#





#15

Phenanthrene

Concen: 0.158 ng/ul

RT: 17.430 min Scan# 31

Delta R.T. -0.004 min

Lab File: BN027812.D

Acq: 22 Sep 2023 06:57

Instrument :

BNA_N

ClientSampleId :

C0AC7

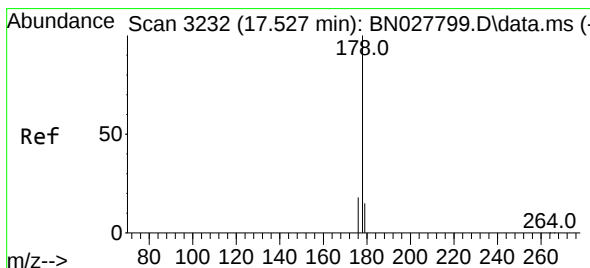
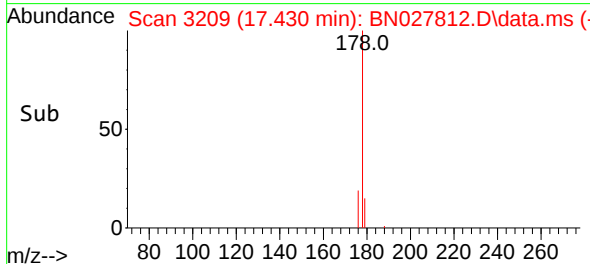
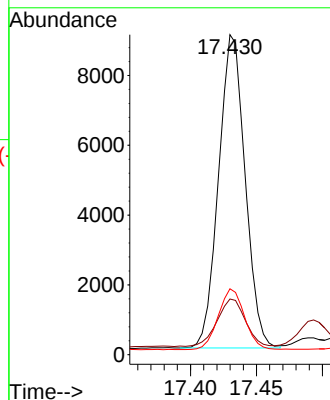
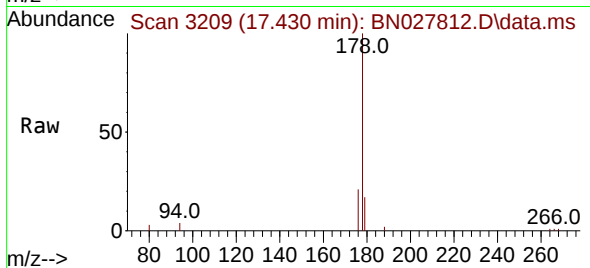
Tgt Ion:178	Resp:	1257
Ion Ratio	Lower	Upper
178	100	
179	17.4	12.4 18.6
176	20.6	16.0 24.0

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#16

Anthracene

Concen: 0.026 ng/ul

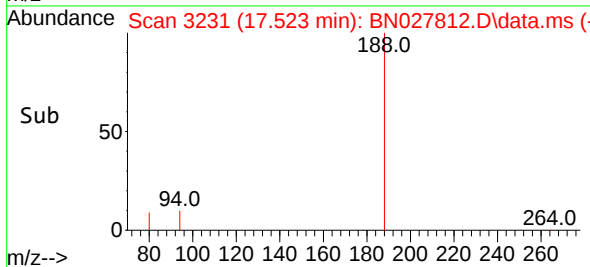
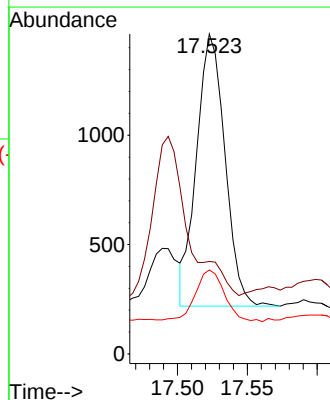
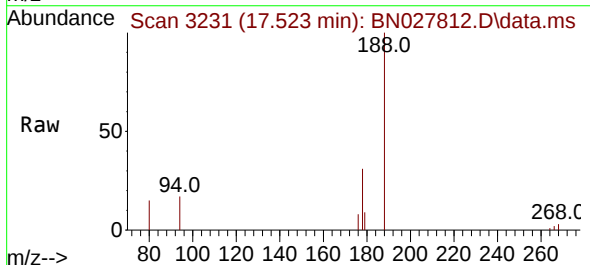
RT: 17.523 min Scan# 3231

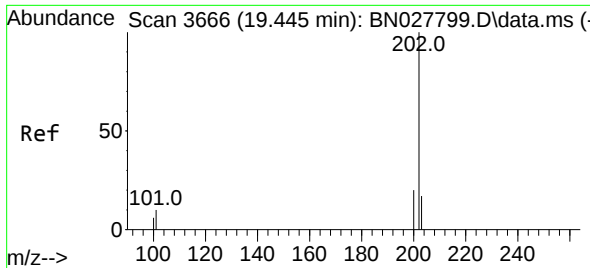
Delta R.T. -0.004 min

Lab File: BN027812.D

Acq: 22 Sep 2023 06:57

Tgt Ion:178	Resp:	1757
Ion Ratio	Lower	Upper
178	100	
179	28.9	12.6 19.0#
176	26.2	15.5 23.3#





#19

Fluoranthene

Concen: 0.404 ng/ul

RT: 19.441 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN027812.D

Acq: 22 Sep 2023 06:57

Instrument :

BNA_N

ClientSampleId :

C0AC7

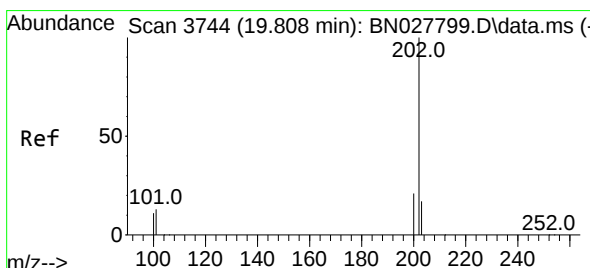
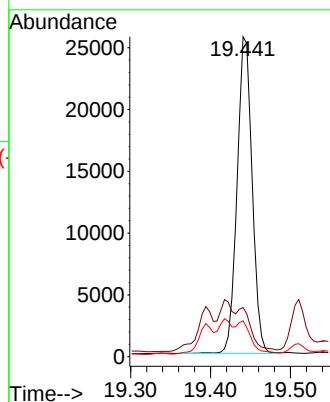
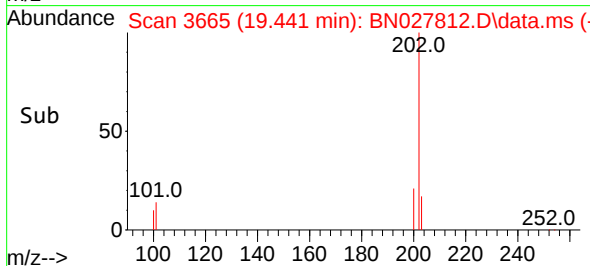
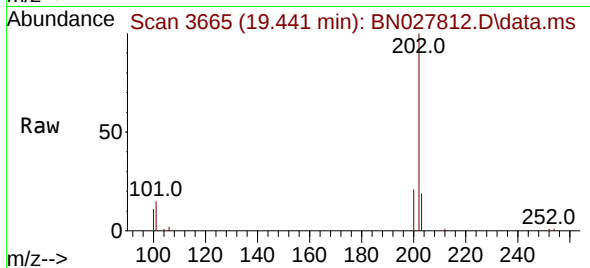
Tgt Ion:	202	Resp:	33570
Ion Ratio	Lower	Upper	
202	100		
101	15.3	9.3	13.9
100	11.2	7.0	10.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/25/2023

Supervised By :mohammad ahmed 09/25/2023



#20

Pyrene

Concen: 0.325 ng/ul m

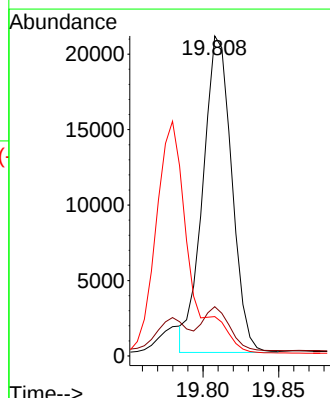
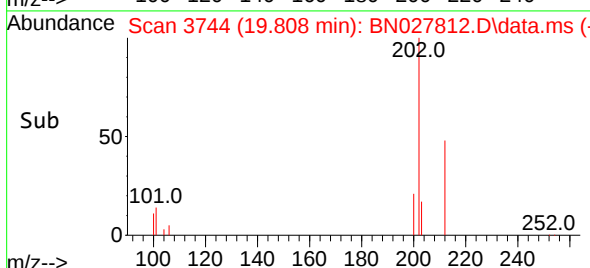
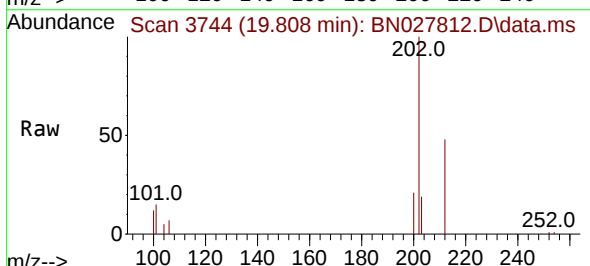
RT: 19.808 min Scan# 3744

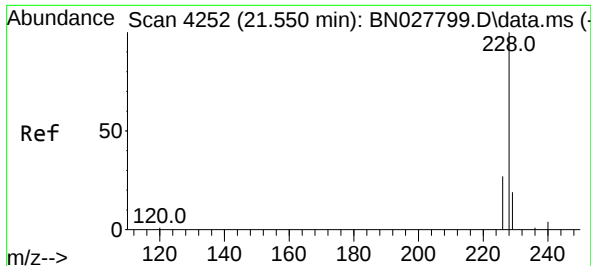
Delta R.T. -0.005 min

Lab File: BN027812.D

Acq: 22 Sep 2023 06:57

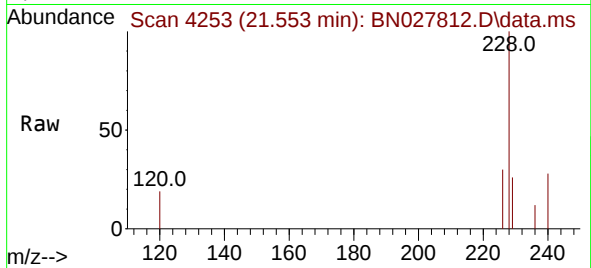
Tgt Ion:	202	Resp:	27828
Ion Ratio	Lower	Upper	
202	100		
101	15.4	11.4	17.0
100	12.3	9.1	13.7





#21
Benzo(a)anthracene
Concen: 0.163 ng/u1
RT: 21.553 min Scan# 4253
Delta R.T. -0.000 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

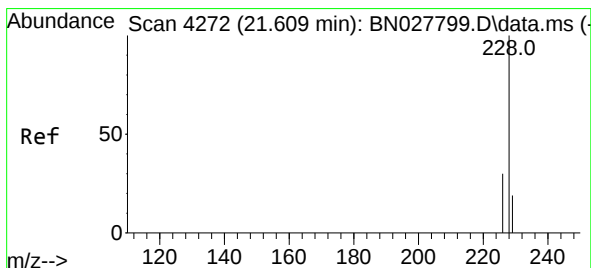
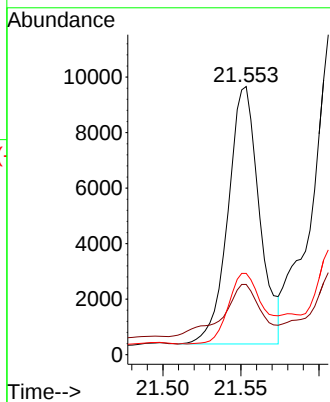
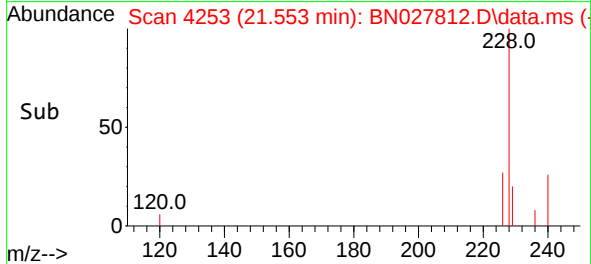
Instrument :
BNA_N
ClientSampleId :
C0AC7



Tgt Ion:228 Resp: 12989
Ion Ratio Lower Upper
228 100
229 26.2 15.8 23.8
226 30.3 22.0 33.0

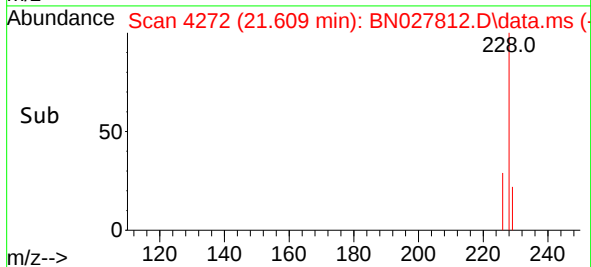
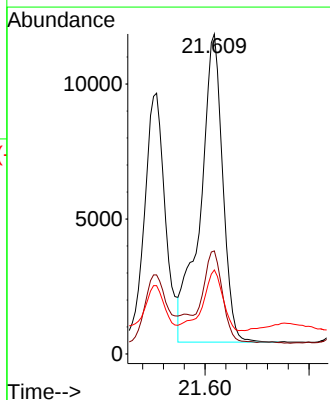
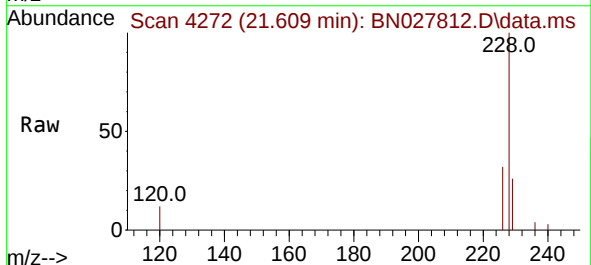
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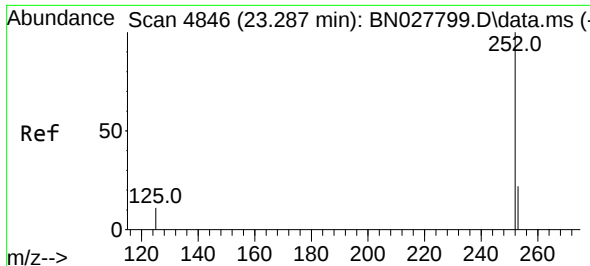
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#22
Chrysene
Concen: 0.208 ng/u1
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

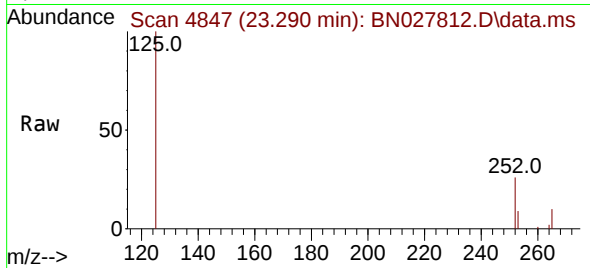
Tgt Ion:228 Resp: 17045
Ion Ratio Lower Upper
228 100
226 32.2 24.5 36.7
229 26.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.312 ng/ul m
RT: 23.290 min Scan# 4846
Delta R.T. -0.000 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

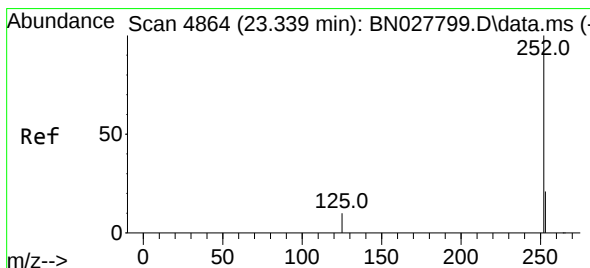
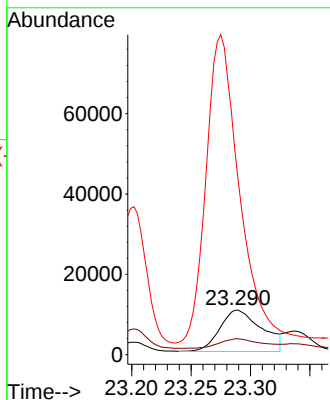
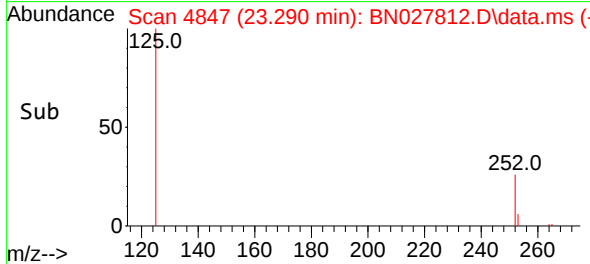
Instrument :
BNA_N
ClientSampleId :
C0AC7



Tgt Ion:252 Resp: 25424
Ion Ratio Lower Upper
252 100
253 35.5 0.0 50.2
125 389.0 0.0 31.4

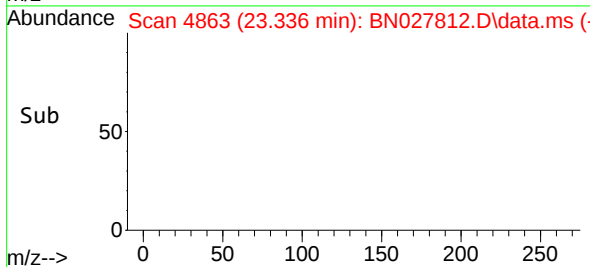
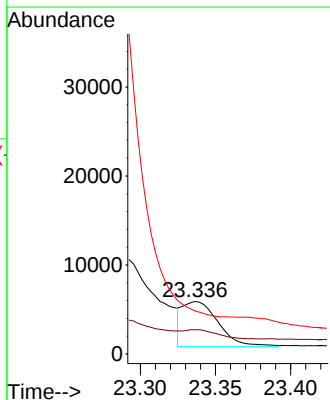
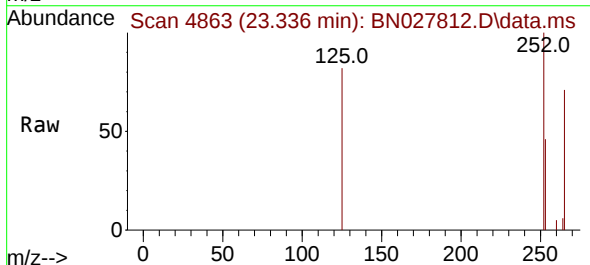
Manual Integrations
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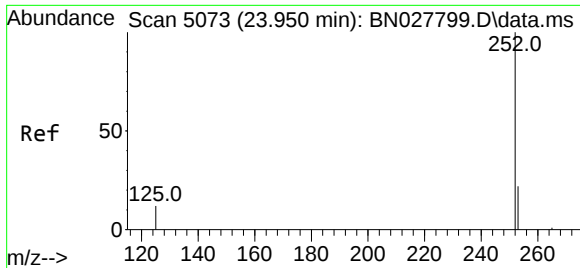
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.107 ng/ul m
RT: 23.336 min Scan# 4863
Delta R.T. -0.006 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

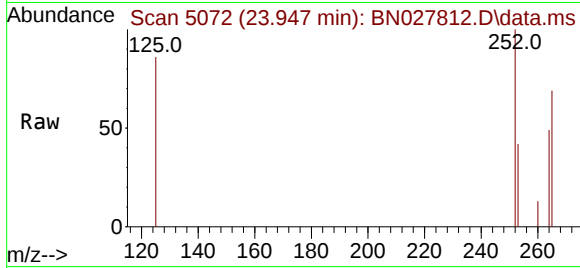
Tgt Ion:252 Resp: 8444
Ion Ratio Lower Upper
252 100
253 46.1 19.9 29.9#
125 82.2 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.195 ng/ul
RT: 23.947 min Scan# 5072
Delta R.T. -0.003 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

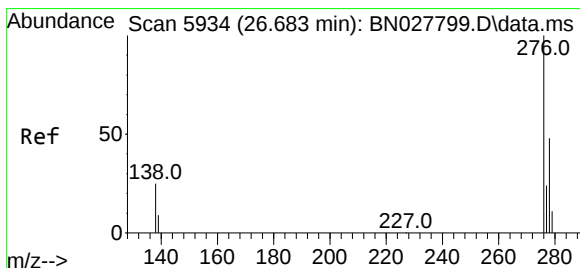
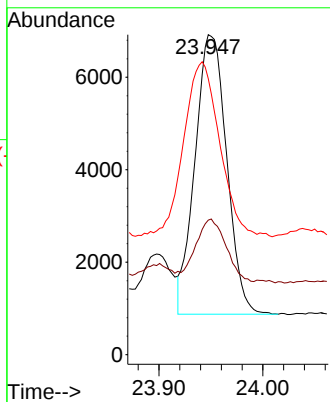
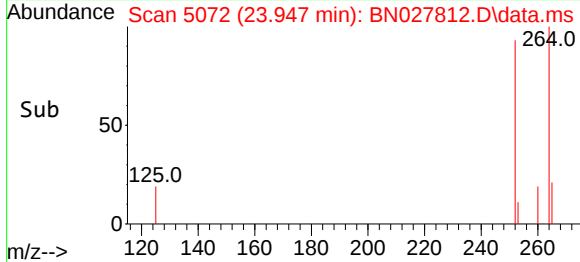
Instrument :
BNA_N
ClientSampleId :
C0AC7



Tgt Ion:252 Resp: 12780
Ion Ratio Lower Upper
252 100
253 42.1 21.9 32.9
125 86.3 15.5 23.3

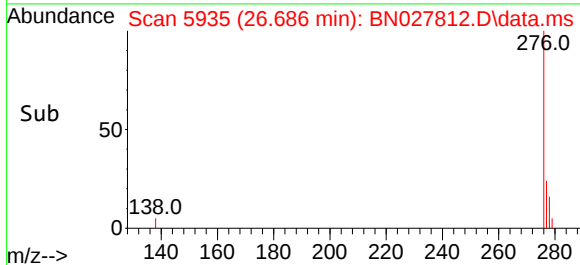
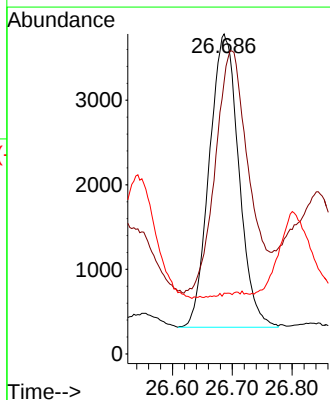
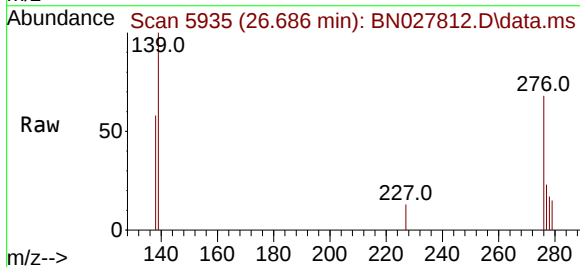
Manual Integrations
APPROVED

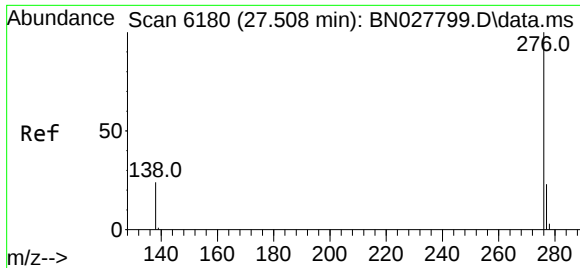
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.141 ng/ul
RT: 26.686 min Scan# 5935
Delta R.T. 0.003 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

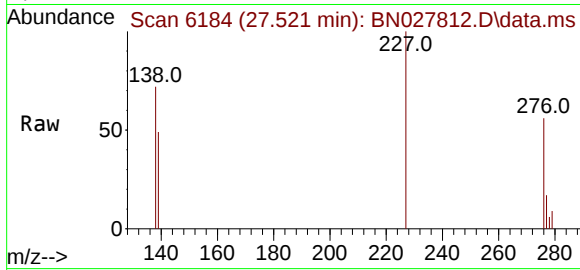
Tgt Ion:276 Resp: 11866
Ion Ratio Lower Upper
276 100
138 97.6 24.3 36.5
227 0.0 0.0 0.0





#29
Benzo(g,h,i)perylene
Concen: 0.256 ng/ul
RT: 27.521 min Scan# 6184
Delta R.T. 0.017 min
Lab File: BN027812.D
Acq: 22 Sep 2023 06:57

Instrument :
BNA_N
ClientSampleId :
C0AC7



Tgt Ion:276 Resp: 1825
Ion Ratio Lower Upper
276 100
138 127.6 21.7 32.5
277 30.2 20.2 30.2

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