

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
 Data File : BN032294.D
 Acq On : 27 Jun 2024 23:43
 Operator : MA/JU
 Sample : P2909-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B76DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

Quant Time: Jun 28 00:28:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.620	152	9920	0.400	ng/ul	0.00
4) Naphthalene-d8	10.393	136	29841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.262	164	15867	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.016	188	27104	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.217	240	19673	0.400	ng/ul	# 0.00
23) Perylene-d12	23.433	264	23989	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.156	96	8020	0.727	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.993	152	2225	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.055	212	3724	0.063	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	2520	0.032	ng/ul#	85
7) 2-Methylnaphthalene	12.070	142	1191	0.023	ng/ul	98
10) Acenaphthylene	13.985	152	22527	0.341	ng/ul	98
11) Acenaphthene	14.327	153	1647	0.032	ng/ul#	92
12) Fluorene	15.317	166	4300	0.070	ng/ul#	93
15) Phenanthrene	17.058	178	67021	0.902	ng/ul	99
16) Anthracene	17.151	178	19971	0.301	ng/ul#	95
19) Fluoranthene	19.083	202	122807	1.639	ng/ul	98
20) Pyrene	19.445	202	108617	1.387	ng/ul	99
21) Benzo(a)anthracene	21.200	228	56636	0.798	ng/ul#	86
22) Chrysene	21.252	228	66084	0.848	ng/ul#	87
24) Benzo(b)fluoranthene	22.769	252	110210m	1.057	ng/ul	
25) Benzo(k)fluoranthene	22.810	252	38633m	0.382	ng/ul	
26) Benzo(a)pyrene	23.336	252	50419	0.695	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.673	276	53001	0.467	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.680	278	16821	0.199	ng/ul#	44
29) Benzo(g,h,i)perylene	26.361	276	10071	0.111	ng/ul#	50

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

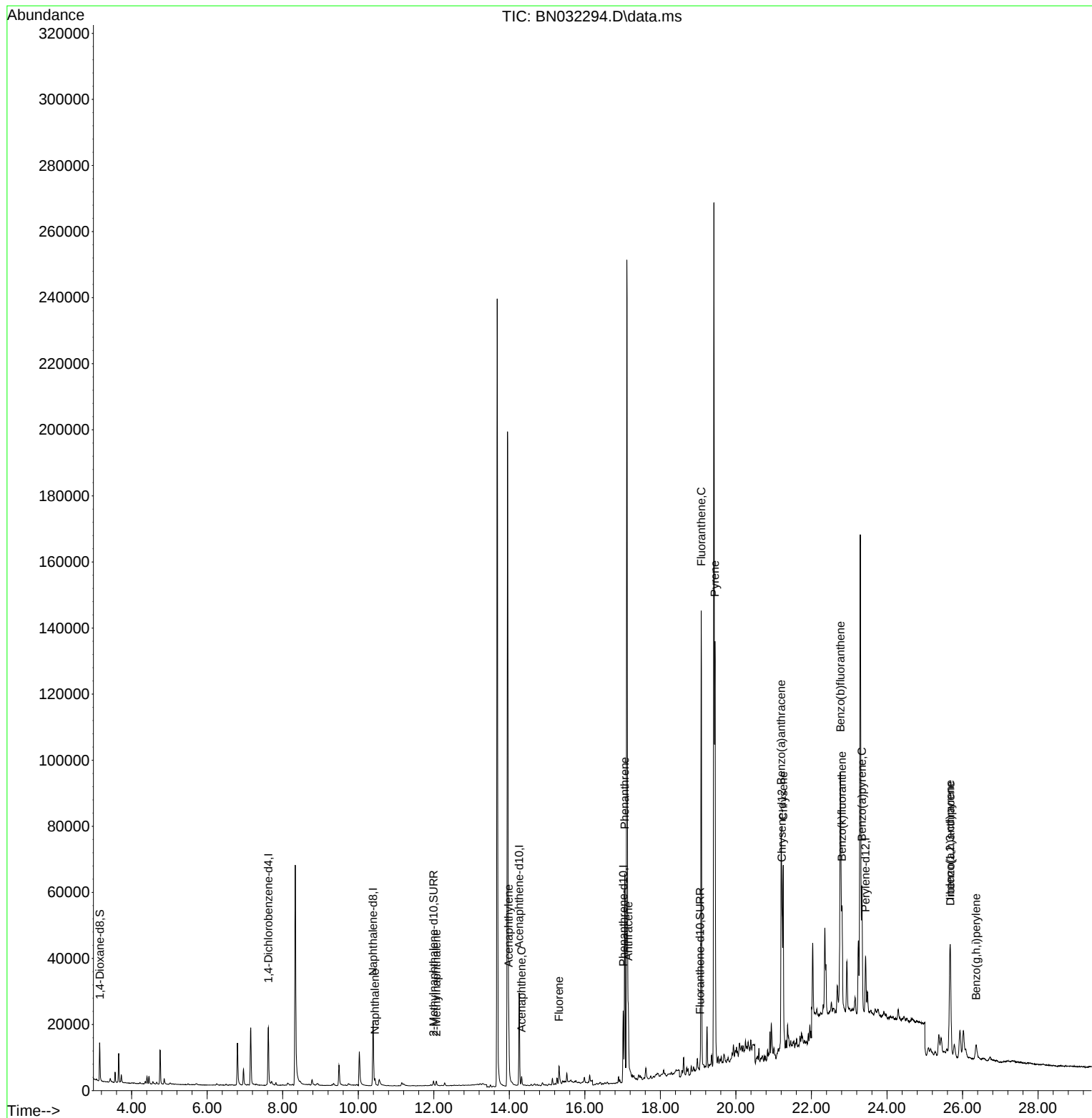
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062724\
Data File : BN032294.D
Acq On : 27 Jun 2024 23:43
Operator : MA/JU
Sample : P2909-02DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

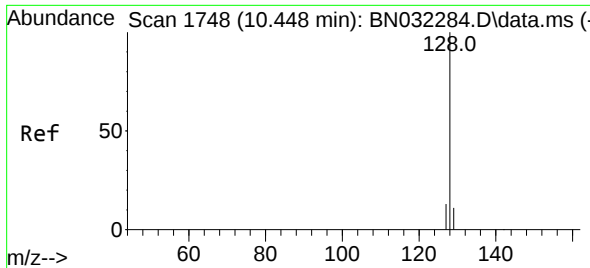
Instrument :
BNA_N
ClientSampleId :
A4B76DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

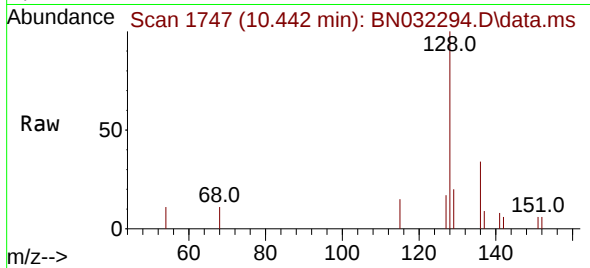
Quant Time: Jun 28 00:28:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.442 min Scan# 1747
Delta R.T. -0.006 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

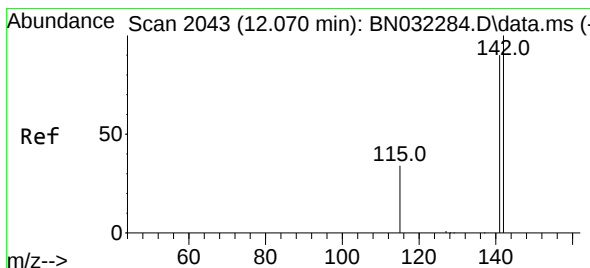
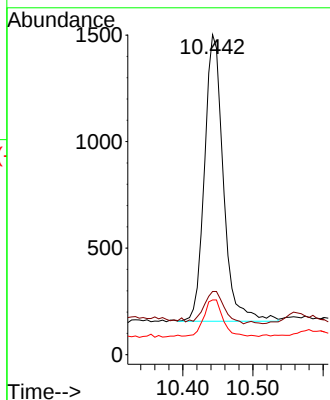
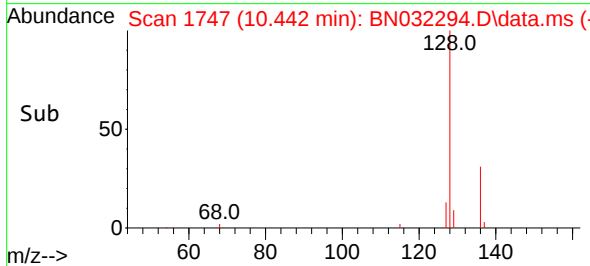
Instrument :
BNA_N
ClientSampleId :
A4B76DL



Tgt Ion:128 Resp: 2520
Ion Ratio Lower Upper
128 100
129 19.8 9.2 13.8
127 17.1 10.8 16.2

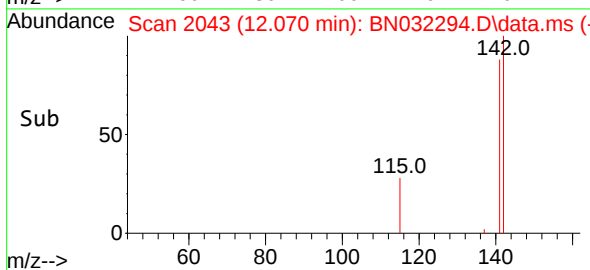
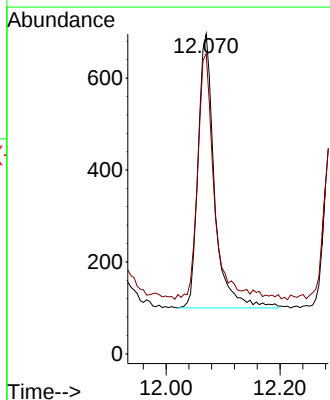
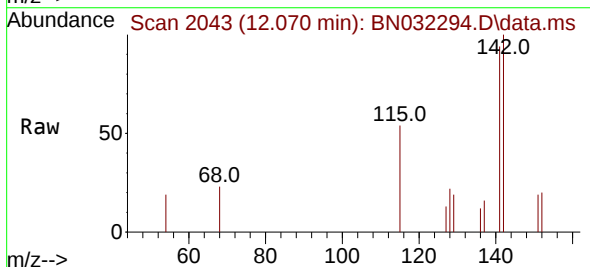
Manual Integrations
APPROVED

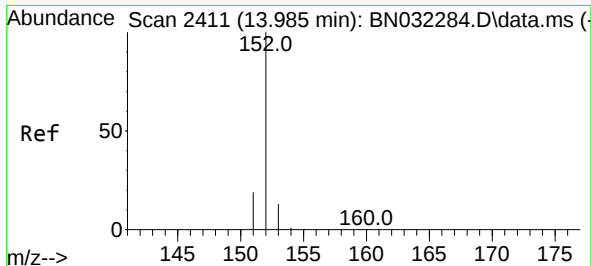
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.070 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

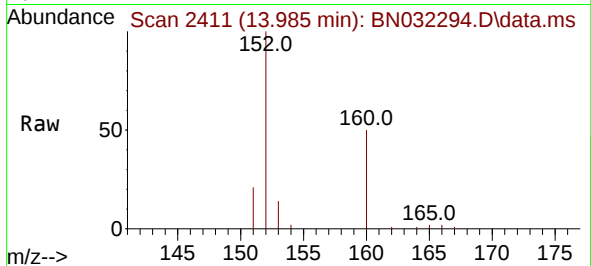
Tgt Ion:142 Resp: 1191
Ion Ratio Lower Upper
142 100
141 88.6 72.2 108.2





#10
Acenaphthylene
Concen: 0.341 ng/u1
RT: 13.985 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

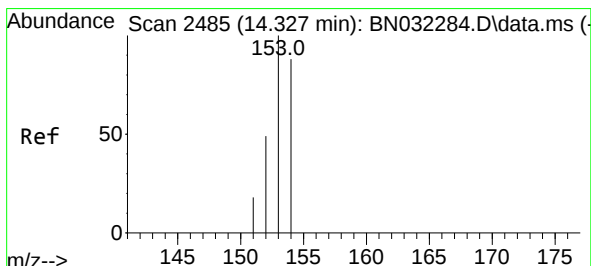
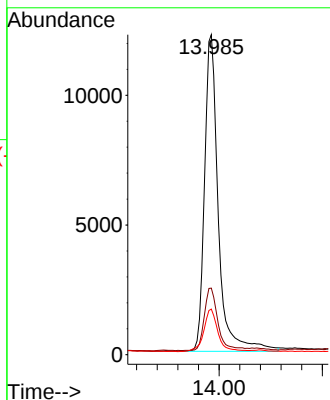
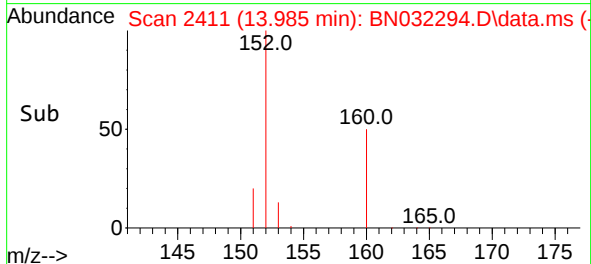
Instrument :
BNA_N
ClientSampleId :
A4B76DL



Tgt Ion:152 Resp: 2252
Ion Ratio Lower Upper
152 100
151 20.8 15.7 23.5
153 14.3 10.9 16.3

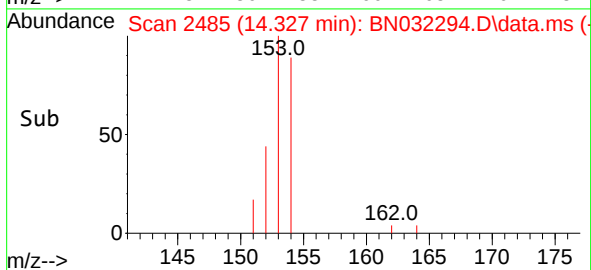
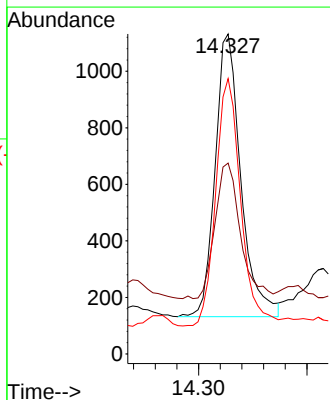
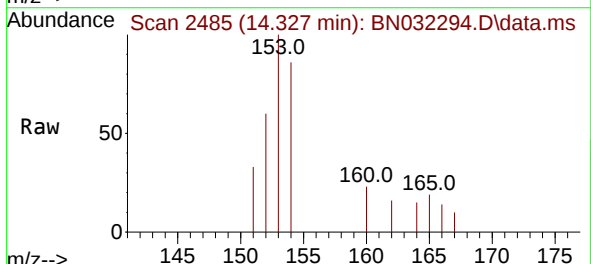
Manual Integrations
APPROVED

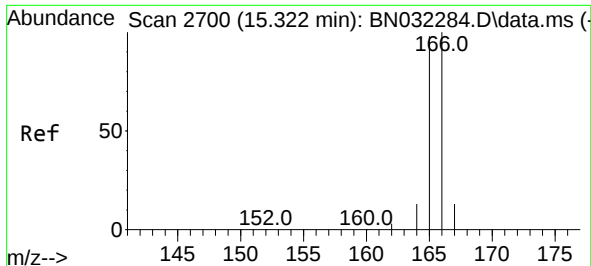
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#11
Acenaphthene
Concen: 0.032 ng/u1
RT: 14.327 min Scan# 2485
Delta R.T. -0.005 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

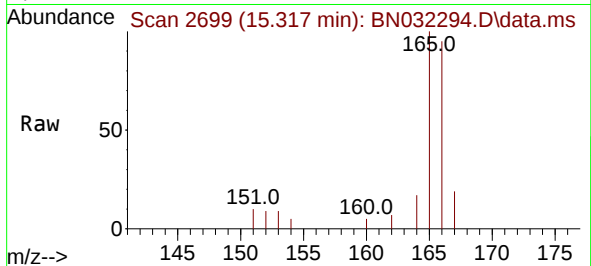
Tgt Ion:153 Resp: 1647
Ion Ratio Lower Upper
153 100
152 59.6 39.5 59.3#
154 86.0 71.7 107.5





#12
Fluorene
Concen: 0.070 ng/u1
RT: 15.317 min Scan# 2699
Delta R.T. -0.009 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

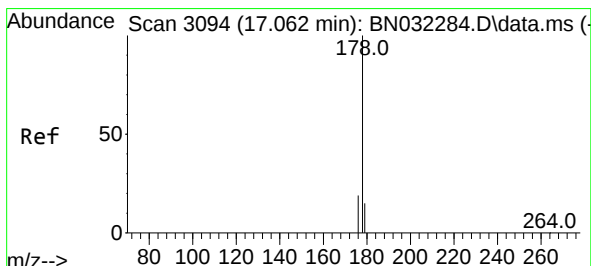
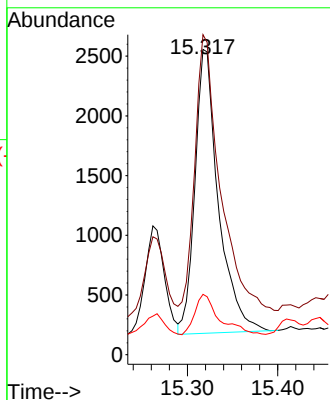
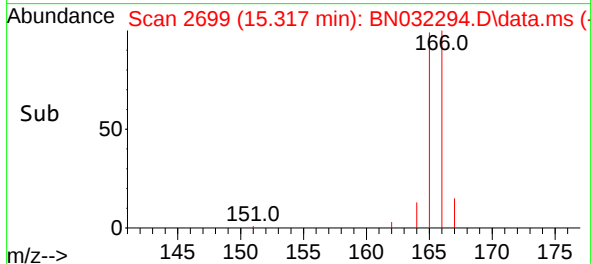
Instrument :
BNA_N
ClientSampleId :
A4B76DL



Tgt Ion:166 Resp: 4300
Ion Ratio Lower Upper
166 100
165 104.8 79.0 118.6
167 19.7 11.0 16.6

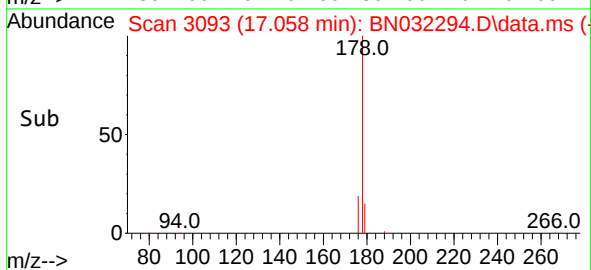
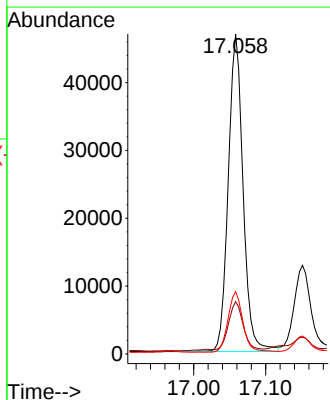
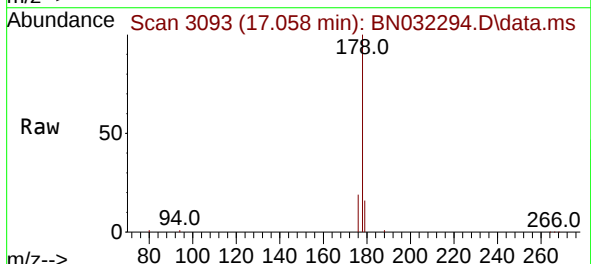
Manual Integrations
APPROVED

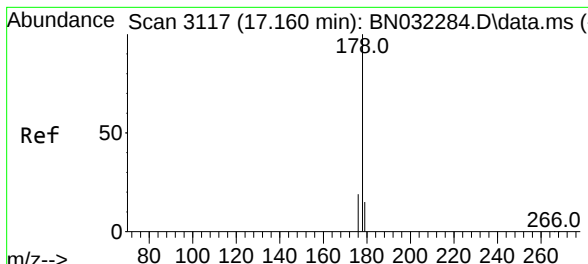
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#15
Phenanthrene
Concen: 0.902 ng/u1
RT: 17.058 min Scan# 3093
Delta R.T. -0.008 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

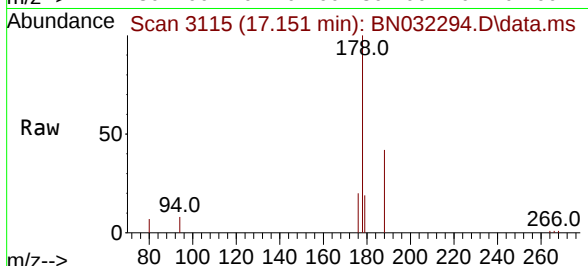
Tgt Ion:178 Resp: 67021
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.5 15.6 23.4





#16
 Anthracene
 Concen: 0.301 ng/u1
 RT: 17.151 min Scan# 3115
 Delta R.T. -0.008 min
 Lab File: BN032294.D
 Acq: 27 Jun 2024 23:43

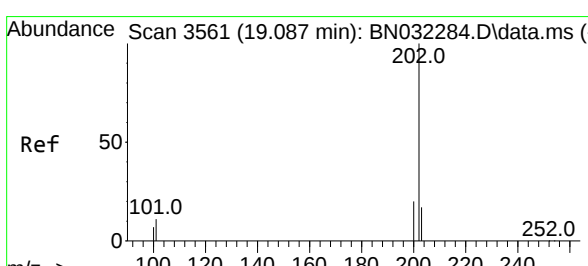
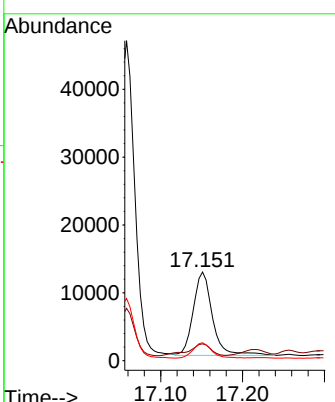
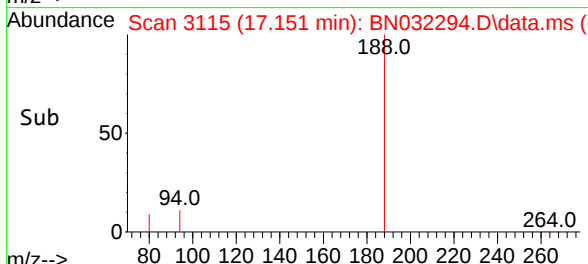
Instrument : BNA_N
 ClientSampleId : A4B76DL



Tgt Ion:178 Resp: 1997

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.5	18.7
176	20.2	15.0	22.6

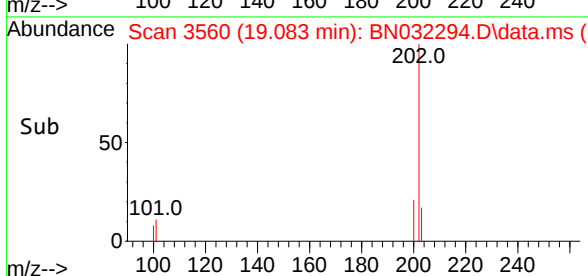
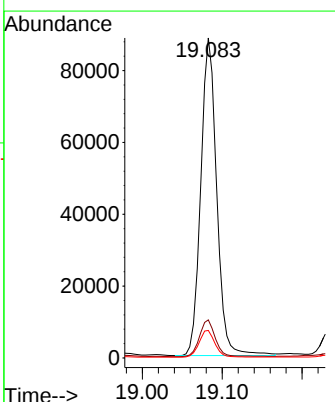
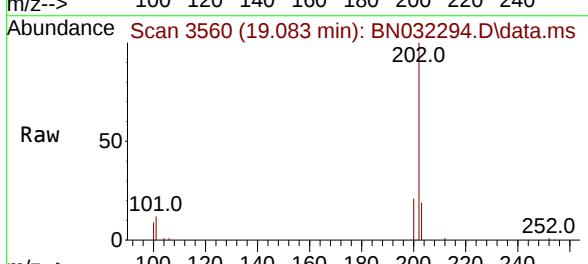
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

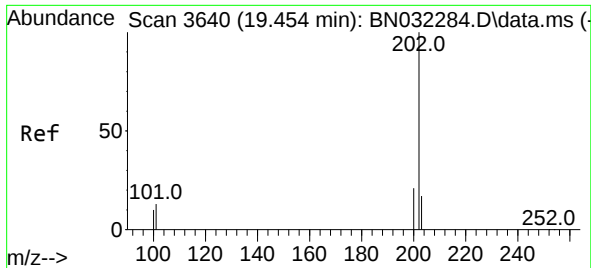


#19
 Fluoranthene
 Concen: 1.639 ng/u1
 RT: 19.083 min Scan# 3560
 Delta R.T. -0.009 min
 Lab File: BN032294.D
 Acq: 27 Jun 2024 23:43

Tgt Ion:202 Resp: 122807

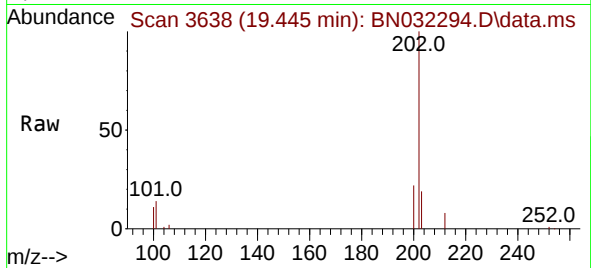
Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.8	13.2
100	8.6	6.4	9.6





#20
Pyrene
Concen: 1.387 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

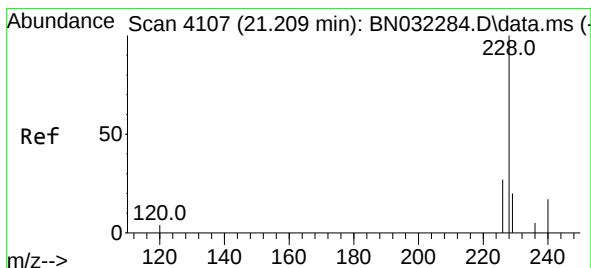
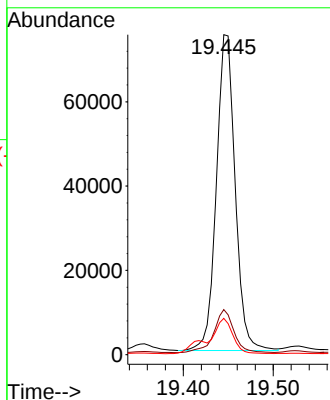
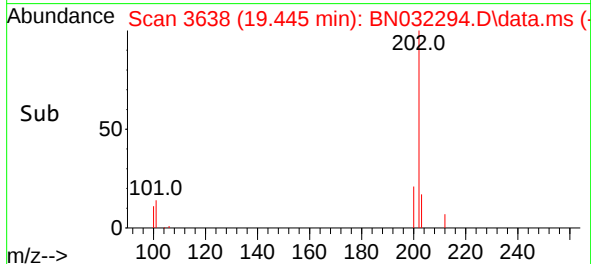
Instrument :
BNA_N
ClientSampleId :
A4B76DL



Tgt Ion:202 Resp: 108617
Ion Ratio Lower Upper
202 100
101 14.1 11.0 16.4
100 11.4 8.7 13.1

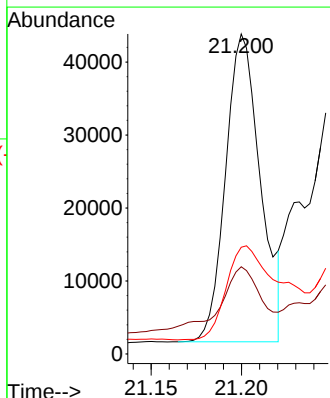
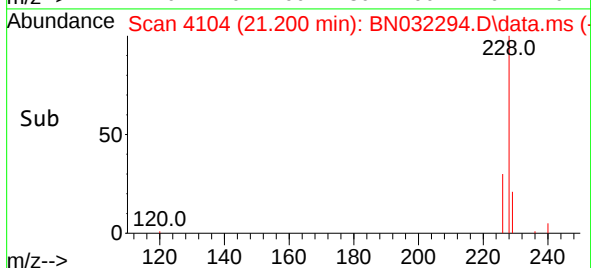
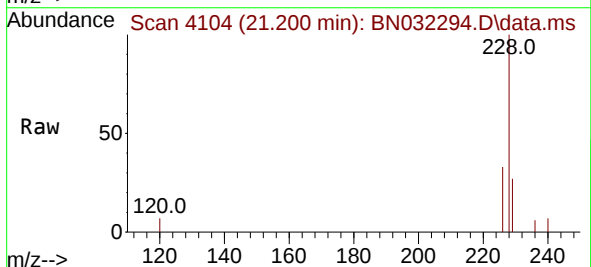
Manual Integrations
APPROVED

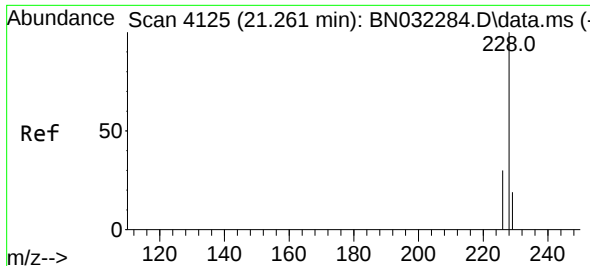
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#21
Benzo(a)anthracene
Concen: 0.798 ng/ul
RT: 21.200 min Scan# 4104
Delta R.T. -0.015 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

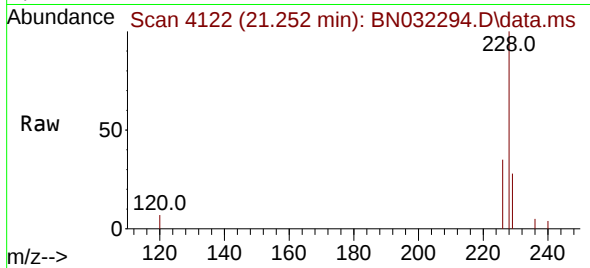
Tgt Ion:228 Resp: 56636
Ion Ratio Lower Upper
228 100
229 27.2 15.7 23.5#
226 33.4 21.8 32.8#





#22
Chrysene
Concen: 0.848 ng/ul
RT: 21.252 min Scan# 4125
Delta R.T. -0.015 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

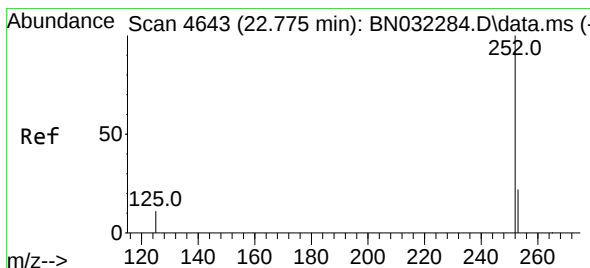
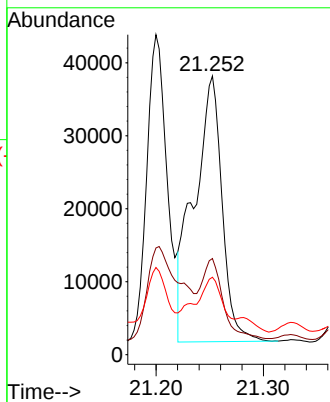
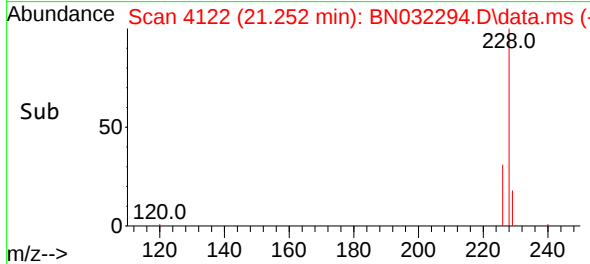
Instrument :
BNA_N
ClientSampleId :
A4B76DL



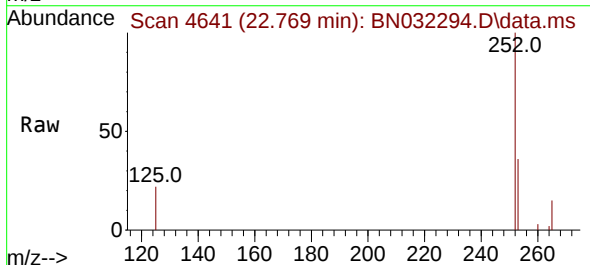
Tgt Ion:228 Resp: 66084
Ion Ratio Lower Upper
228 100
226 34.5 23.6 35.4
229 27.8 15.7 23.5

Manual Integrations
APPROVED

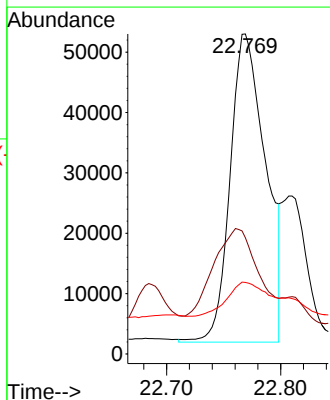
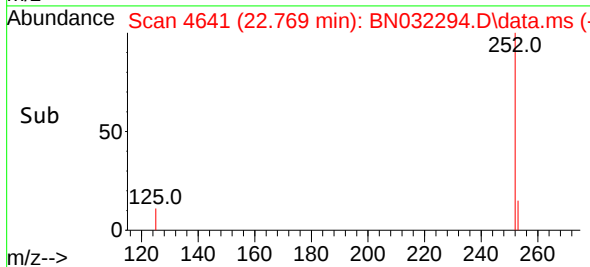
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024

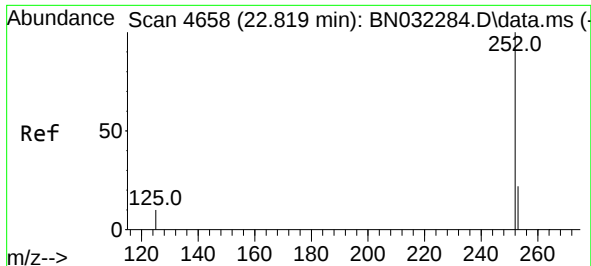


#24
Benzo(b)fluoranthene
Concen: 1.057 ng/ul m
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43



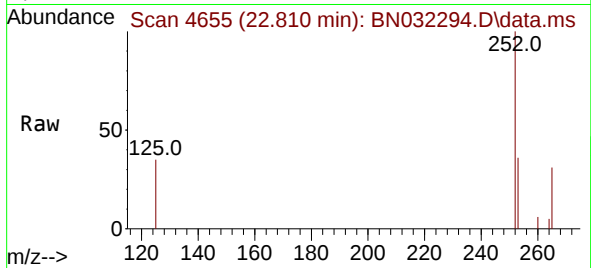
Tgt Ion:252 Resp: 110210
Ion Ratio Lower Upper
252 100
253 36.3 0.0 50.2
125 22.4 0.0 32.0





#25
Benzo(k)fluoranthene
Concen: 0.382 ng/ul m
RT: 22.810 min Scan# 4655
Delta R.T. -0.018 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

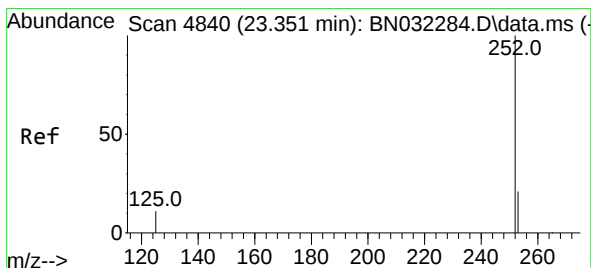
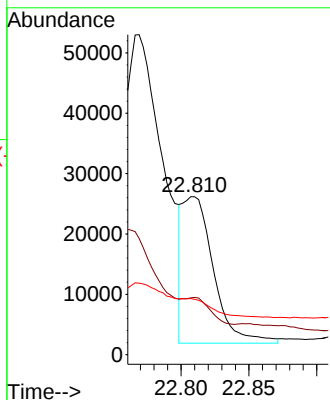
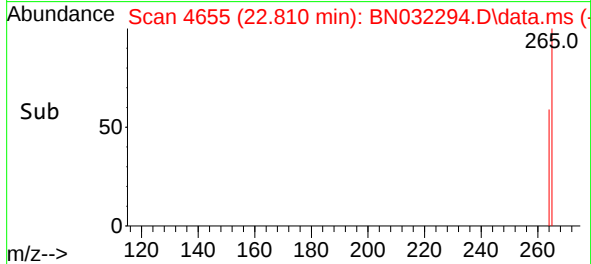
Instrument :
BNA_N
ClientSampleId :
A4B76DL



Tgt Ion:252 Resp: 3863
Ion Ratio Lower Upper
252 100
253 36.3 20.3 30.5
125 35.0 12.8 19.2

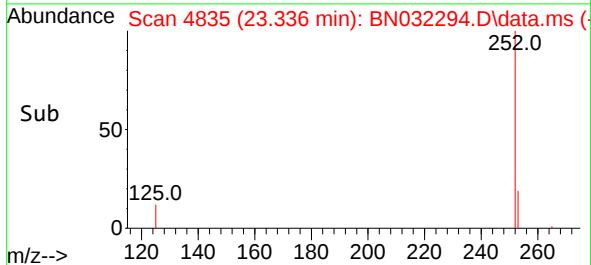
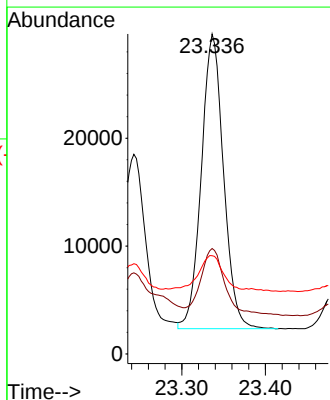
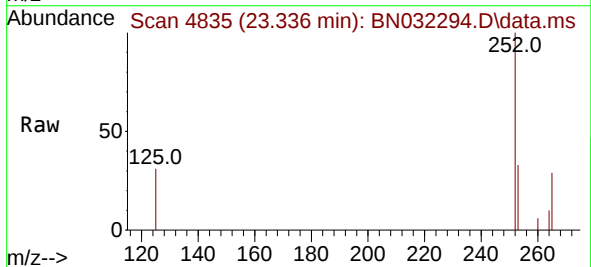
Manual Integrations
APPROVED

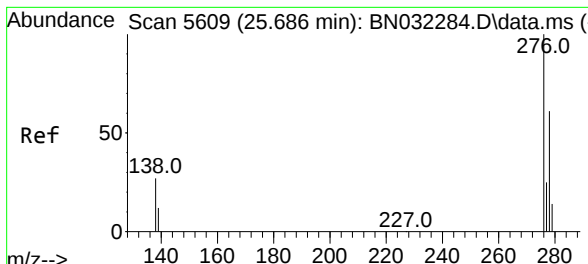
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/28/2024



#26
Benzo(a)pyrene
Concen: 0.695 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. -0.023 min
Lab File: BN032294.D
Acq: 27 Jun 2024 23:43

Tgt Ion:252 Resp: 50419
Ion Ratio Lower Upper
252 100
253 32.9 22.2 33.2
125 30.7 16.4 24.6





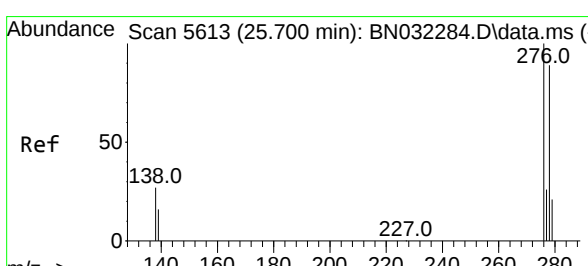
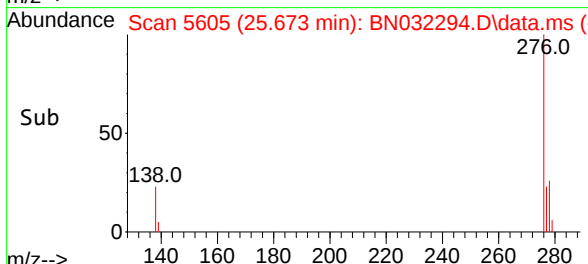
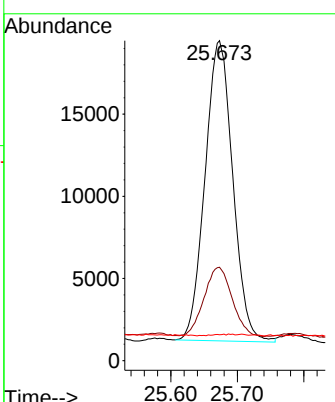
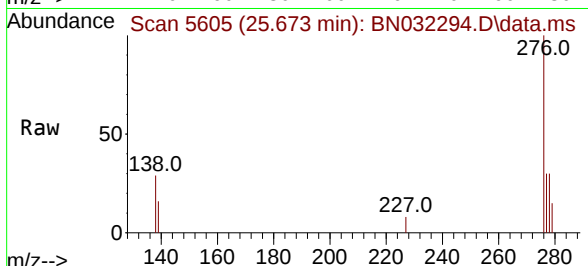
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.467 ng/ul
 RT: 25.673 min Scan# 5605
 Delta R.T. -0.027 min
 Lab File: BN032294.D
 Acq: 27 Jun 2024 23:43

Instrument : BNA_N
 ClientSampleId : A4B76DL

Tgt Ion: 276 Resp: 5300

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.3	31.9
227	0.3	0.1	0.1

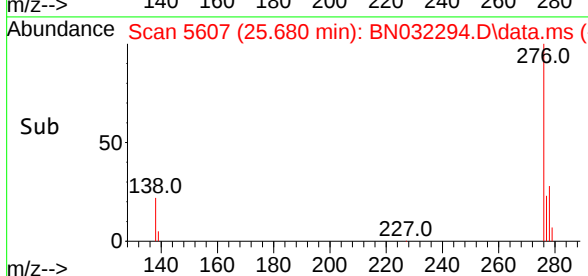
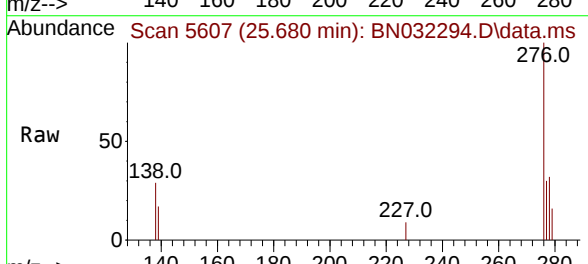
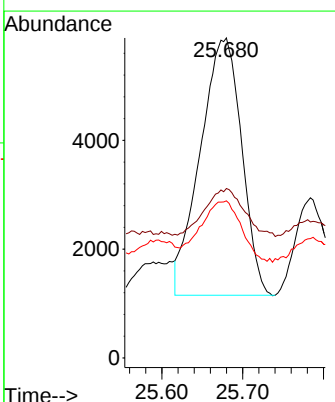
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/28/2024

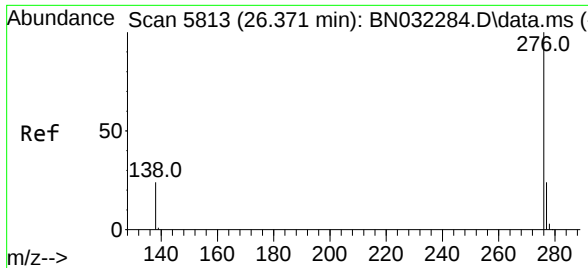


#28
 Dibenzo(a,h)anthracene
 Concen: 0.199 ng/ul
 RT: 25.680 min Scan# 5607
 Delta R.T. -0.030 min
 Lab File: BN032294.D
 Acq: 27 Jun 2024 23:43

Tgt Ion: 278 Resp: 16821

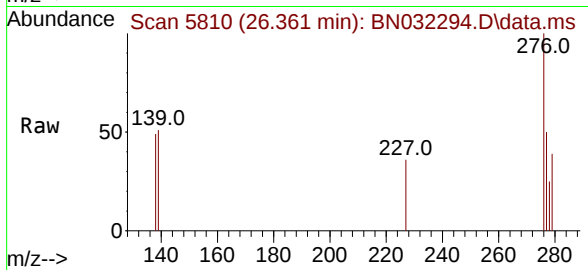
Ion	Ratio	Lower	Upper
278	100		
139	52.9	15.9	23.9
279	49.1	21.1	31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.111 ng/ul
 RT: 26.361 min Scan# 5810
 Delta R.T. -0.020 min
 Lab File: BN032294.D
 Acq: 27 Jun 2024 23:43

Instrument :
 BNA_N
 ClientSampleId :
 A4B76DL



Tgt Ion: 276 Resp: 1007
 Ion Ratio Lower Upper
 276 100
 138 49.5 19.8 29.6
 277 49.8 19.8 29.6

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 06/28/2024
 Supervised By : mohammad ahmed 06/28/2024

