

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035705.D
 Acq On : 19 Dec 2024 14:29
 Operator : RC/JU
 Sample : P5258-09DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 16:07:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3522	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9299	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6826	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	14464	0.400	ng/ul	-0.01
17) Chrysene-d12	20.956	240	13139	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13279m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	2663	0.853	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	663	0.050	ng/ul	-0.01
18) Fluoranthene-d10	18.758	212	1440	0.038	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.069	128	784m	0.034	ng/ul	
7) 2-Methylnaphthalene	11.703	142	350	0.023	ng/ul	100
11) Acenaphthene	14.000	153	1438	0.072	ng/ul	98
12) Fluorene	15.004	166	1307	0.056	ng/ul#	96
15) Phenanthrene	16.747	178	27550	0.761	ng/ul	99
16) Anthracene	16.836	178	5573	0.165	ng/ul	98
19) Fluoranthene	18.791	202	57320	1.220	ng/ul	100
20) Pyrene	19.158	202	41916	0.810	ng/ul	99
21) Benzo(a)anthracene	20.938	228	24868	0.571	ng/ul	99
22) Chrysene	20.991	228	24807	0.549	ng/ul	98
24) Benzo(b)fluoranthene	22.434	252	31074m	0.794	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	12902m	0.298	ng/ul	
26) Benzo(a)pyrene	22.948	252	13312m	0.351	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.067	276	11236m	0.244	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	3406m	0.097	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	1759	0.048	ng/ul#	66

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

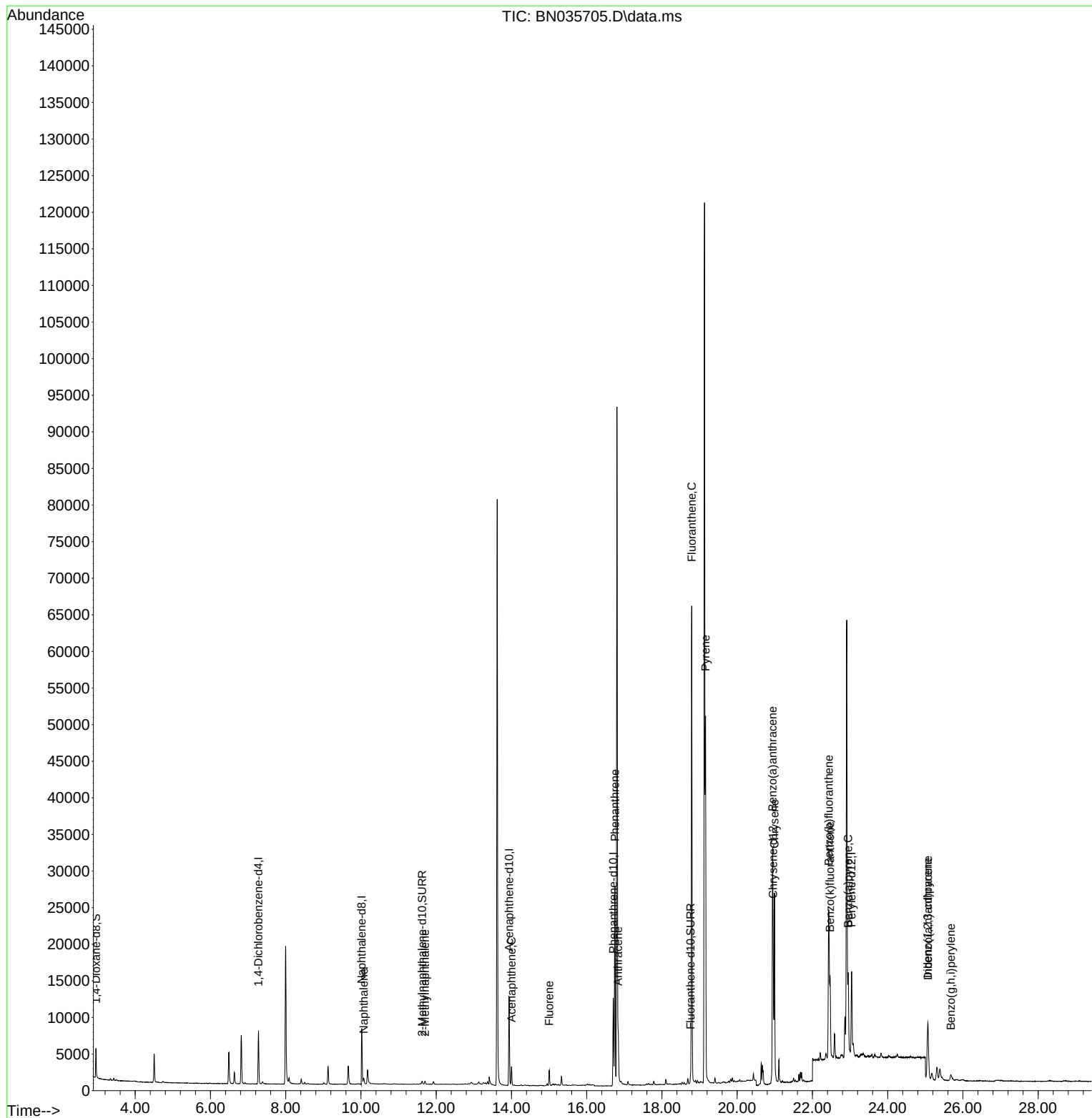
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035705.D
Acq On : 19 Dec 2024 14:29
Operator : RC/JU
Sample : P5258-09DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

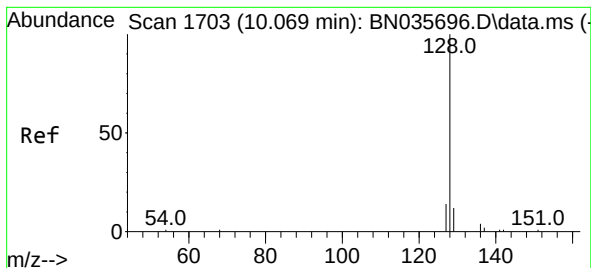
Instrument :
BNA_N
ClientSampleId :
E28X3DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

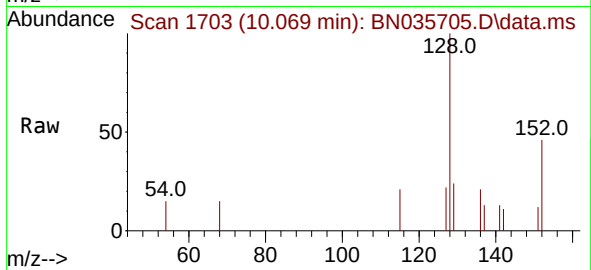
Quant Time: Dec 19 16:07:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.034 ng/ul m
RT: 10.069 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

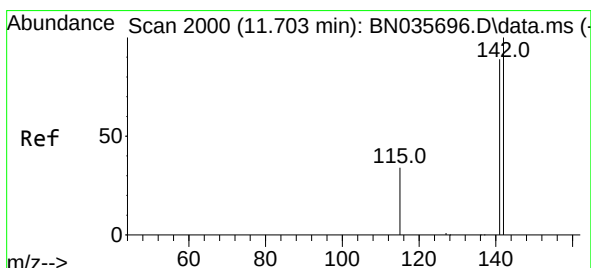
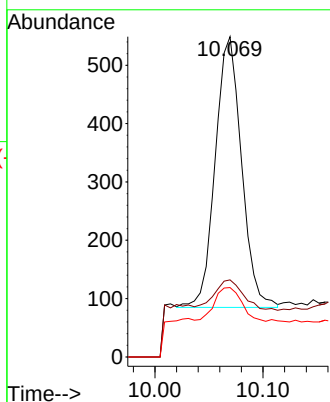
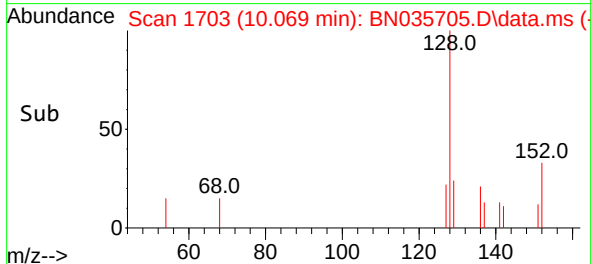
Instrument :
BNA_N
ClientSampleId :
E28X3DL



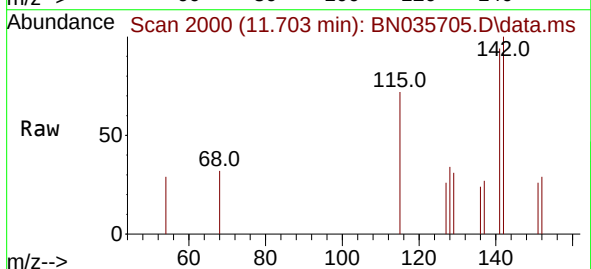
Tgt Ion:128 Resp: 784
Ion Ratio Lower Upper
128 100
129 24.0 10.8 16.2
127 21.7 12.0 18.0

Manual Integrations
APPROVED

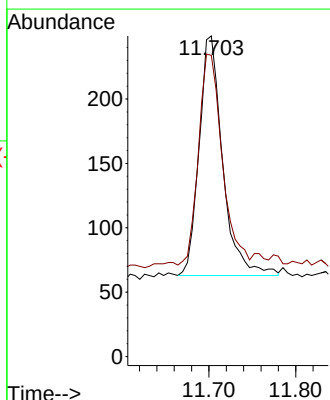
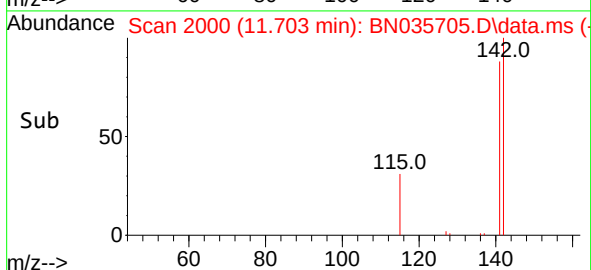
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

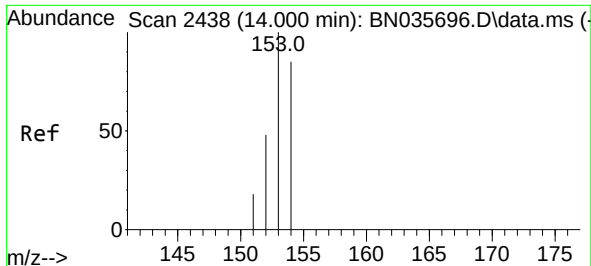


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29



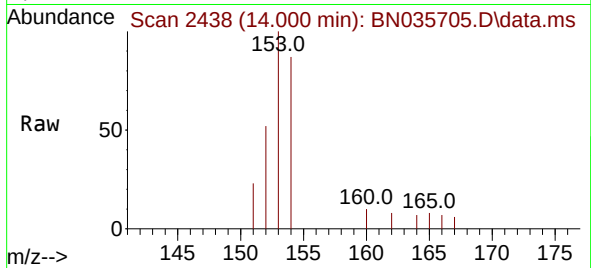
Tgt Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
141 90.9 72.8 109.2





#11
Acenaphthene
Concen: 0.072 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

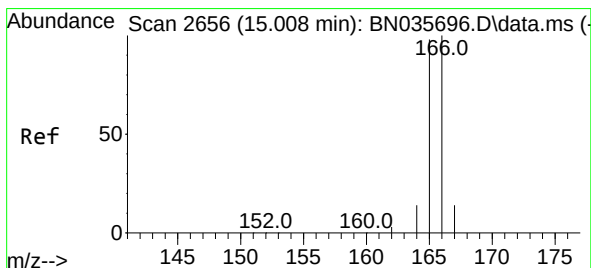
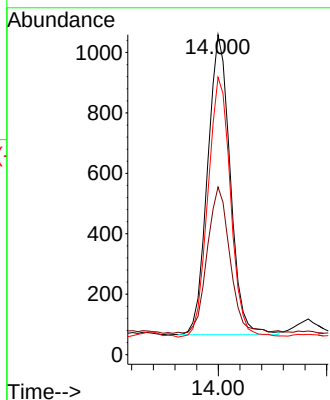
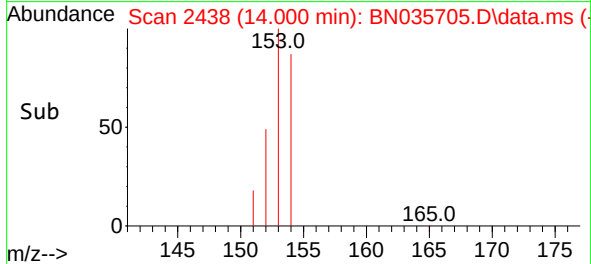
Instrument :
BNA_N
ClientSampleId :
E28X3DL



Tgt Ion:153 Resp: 1438
Ion Ratio Lower Upper
153 100
152 52.4 39.8 59.6
154 86.7 69.8 104.8

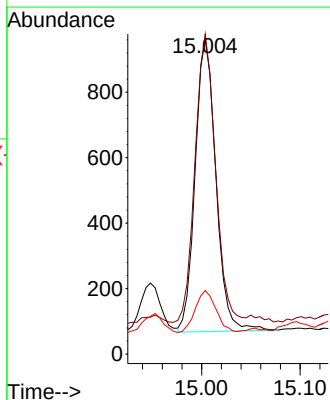
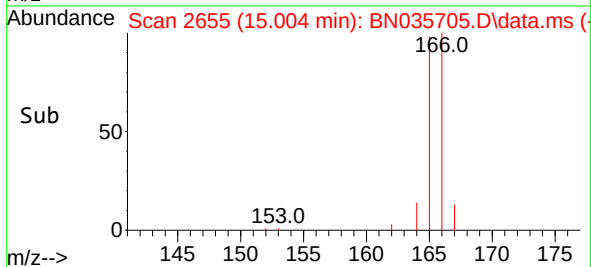
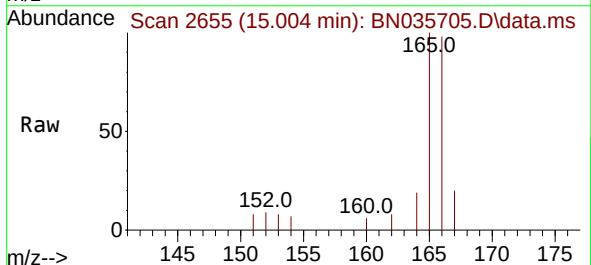
Manual Integrations
APPROVED

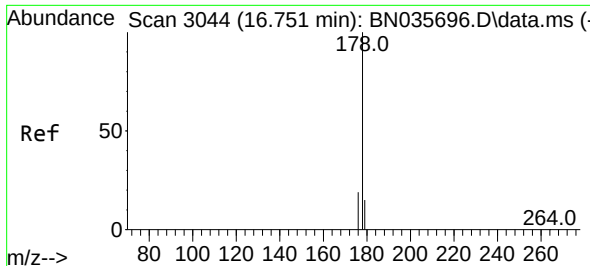
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#12
Fluorene
Concen: 0.056 ng/ul
RT: 15.004 min Scan# 2655
Delta R.T. -0.009 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

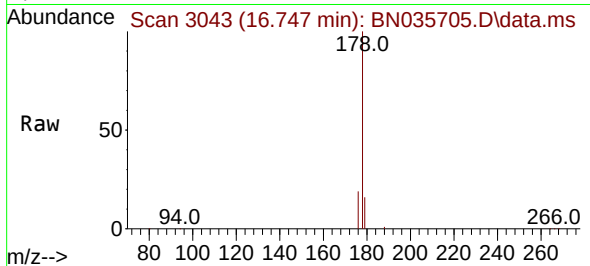
Tgt Ion:166 Resp: 1307
Ion Ratio Lower Upper
166 100
165 101.9 79.5 119.3
167 20.2 11.8 17.8#





#15
Phenanthrene
Concen: 0.761 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.013 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

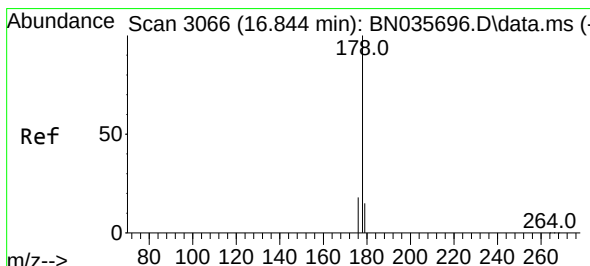
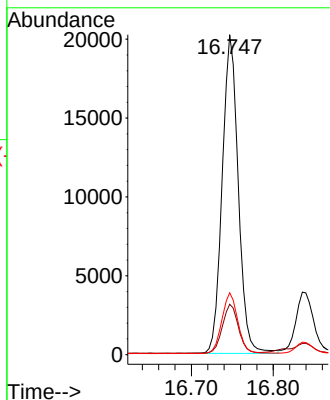
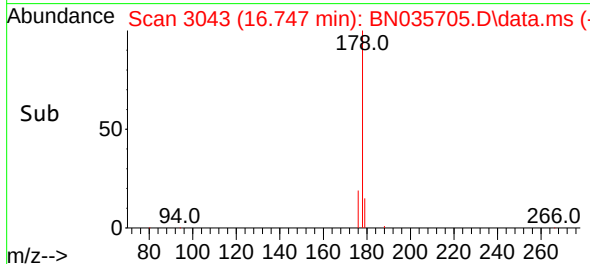
Instrument :
BNA_N
ClientSampleId :
E28X3DL



Tgt Ion:178 Resp: 27550
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.3 15.8 23.8

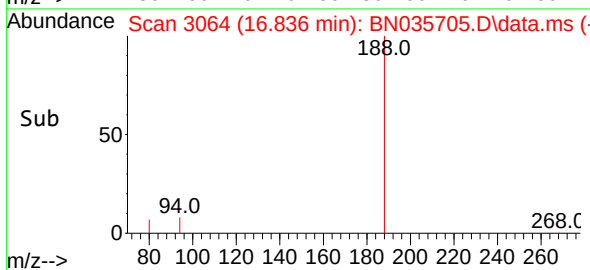
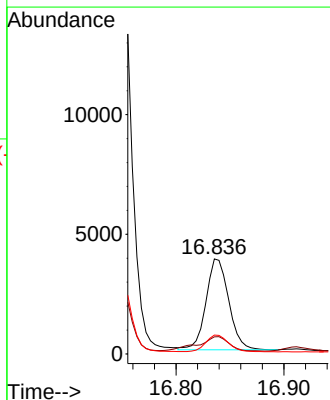
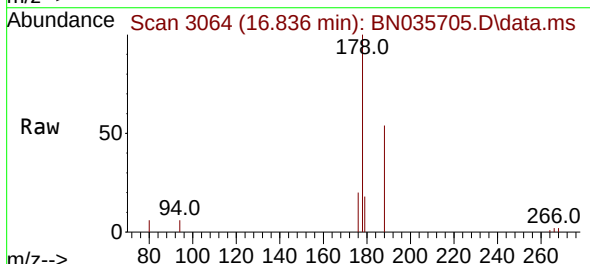
Manual Integrations
APPROVED

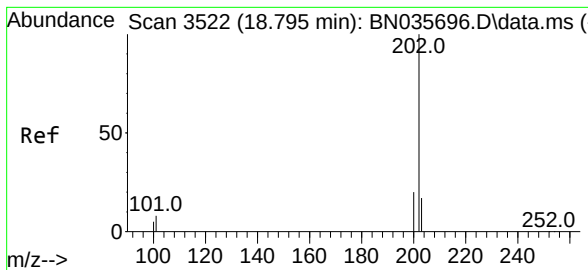
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#16
Anthracene
Concen: 0.165 ng/ul
RT: 16.836 min Scan# 3064
Delta R.T. -0.013 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

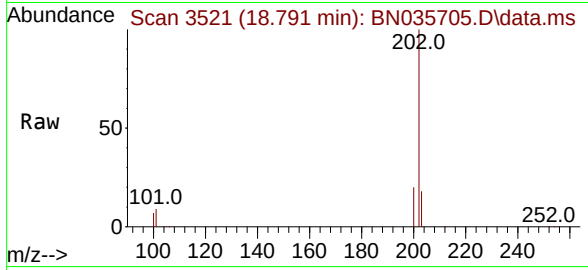
Tgt Ion:178 Resp: 5573
Ion Ratio Lower Upper
178 100
179 18.0 13.4 20.0
176 20.0 15.4 23.0





#19
Fluoranthene
Concen: 1.220 ng/ul
RT: 18.791 min Scan# 3522
Delta R.T. -0.009 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

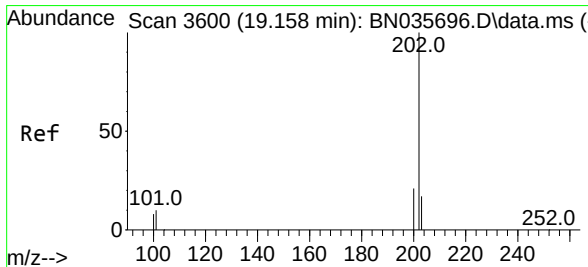
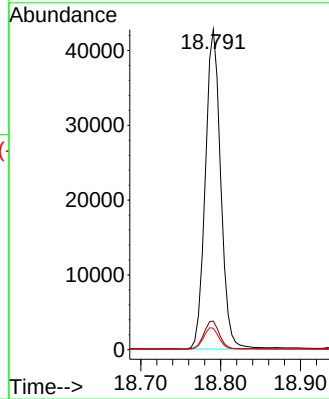
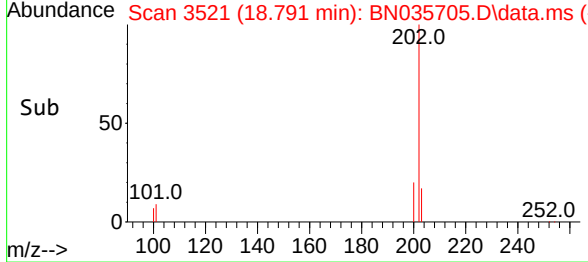
Instrument :
BNA_N
ClientSampleId :
E28X3DL



Tgt Ion:202 Resp: 57320
Ion Ratio Lower Upper
202 100
101 8.9 7.3 10.9
100 6.7 5.4 8.0

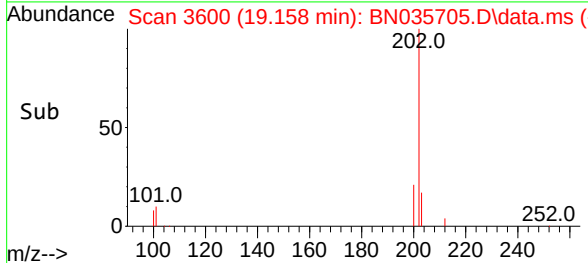
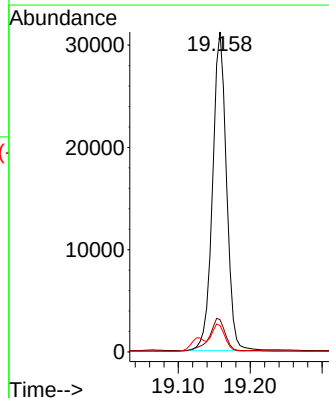
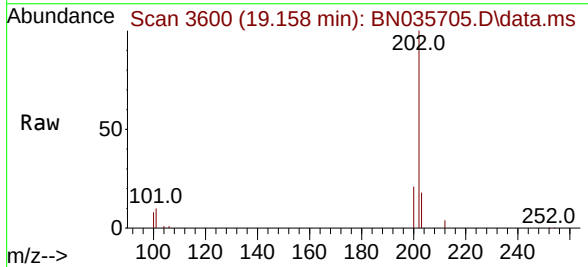
Manual Integrations
APPROVED

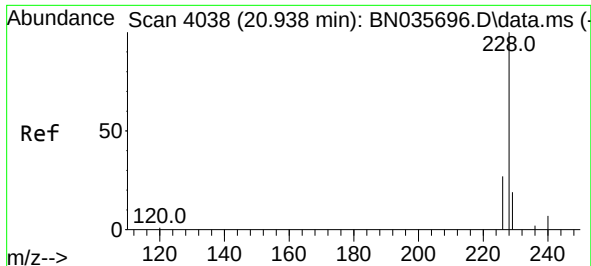
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 0.810 ng/ul
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

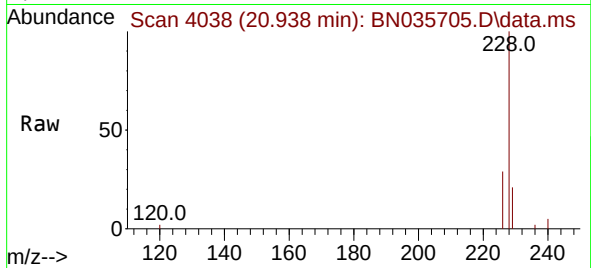
Tgt Ion:202 Resp: 41916
Ion Ratio Lower Upper
202 100
101 10.1 8.5 12.7
100 8.3 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.571 ng/u1
RT: 20.938 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

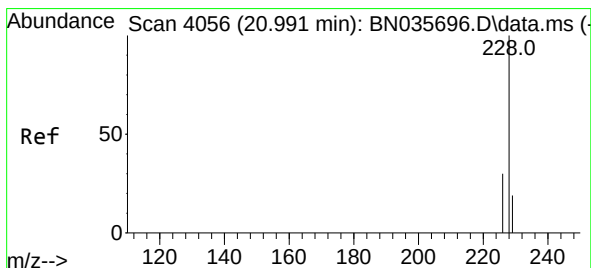
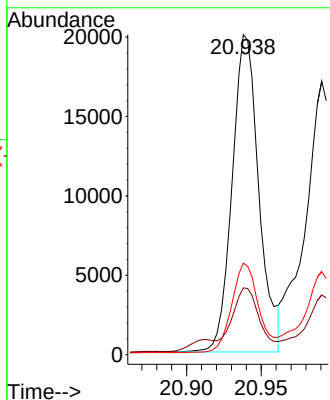
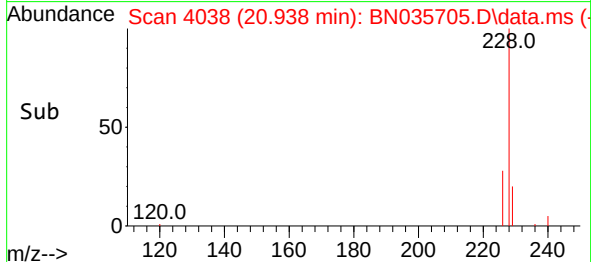
Instrument :
BNA_N
ClientSampleId :
E28X3DL



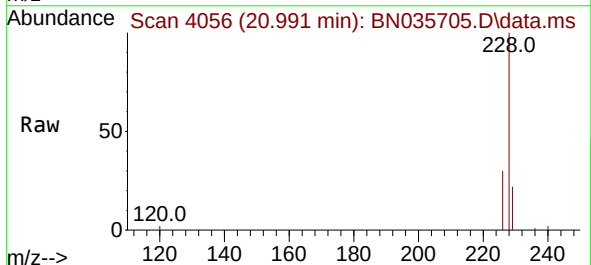
Tgt Ion:228 Resp: 24868
Ion Ratio Lower Upper
228 100
229 20.9 16.6 25.0
226 28.6 22.5 33.7

Manual Integrations
APPROVED

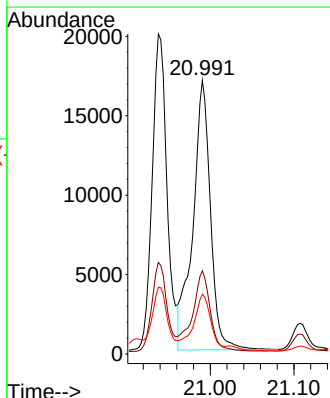
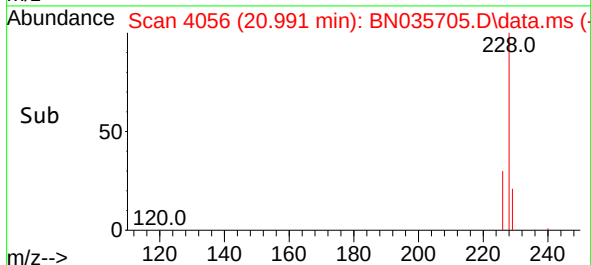
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

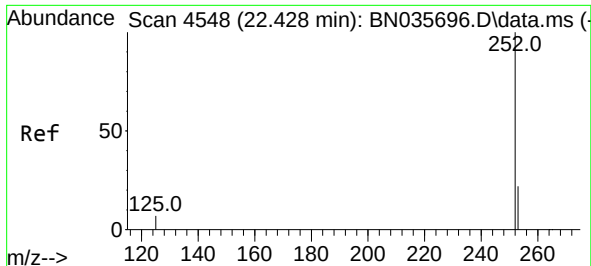


#22
Chrysene
Concen: 0.549 ng/u1
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29



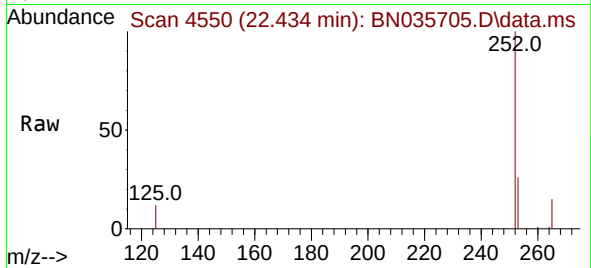
Tgt Ion:228 Resp: 24807
Ion Ratio Lower Upper
228 100
226 30.4 25.1 37.7
229 21.8 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.794 ng/ul m
RT: 22.434 min Scan# 4550
Delta R.T. -0.009 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

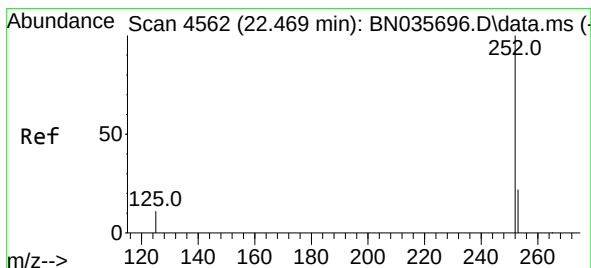
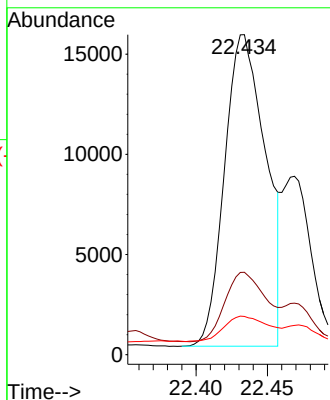
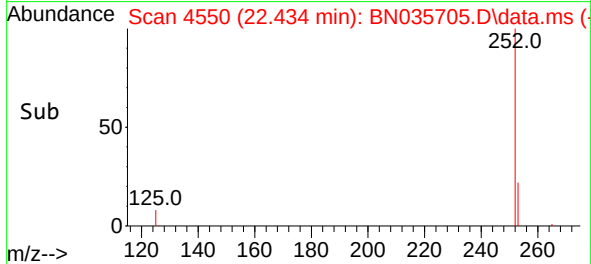
Instrument :
BNA_N
ClientSampleId :
E28X3DL



Tgt Ion:252 Resp: 31074
Ion Ratio Lower Upper
252 100
253 25.7 0.0 56.4
125 11.9 0.0 37.6

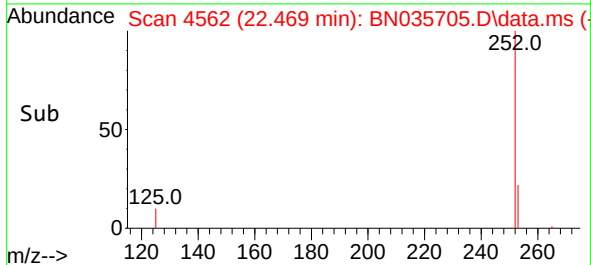
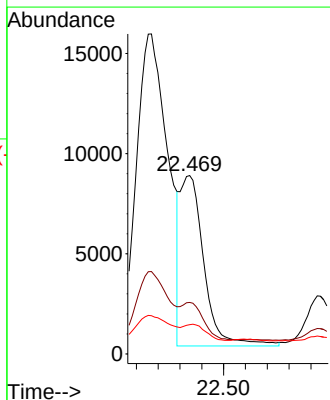
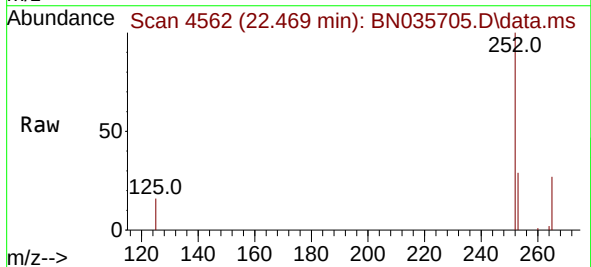
Manual Integrations
APPROVED

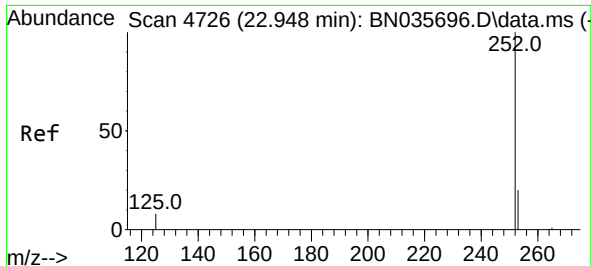
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 0.298 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

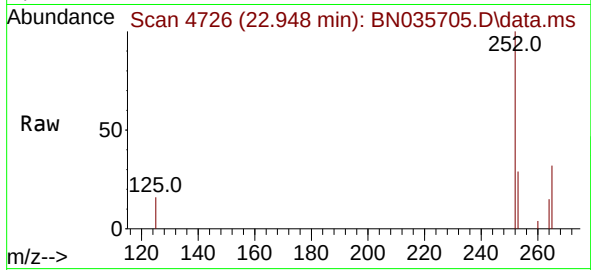
Tgt Ion:252 Resp: 12902
Ion Ratio Lower Upper
252 100
253 28.9 22.1 33.1
125 16.5 15.3 22.9





#26
Benzo(a)pyrene
Concen: 0.351 ng/ul m
RT: 22.948 min Scan# 4726
Delta R.T. -0.014 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

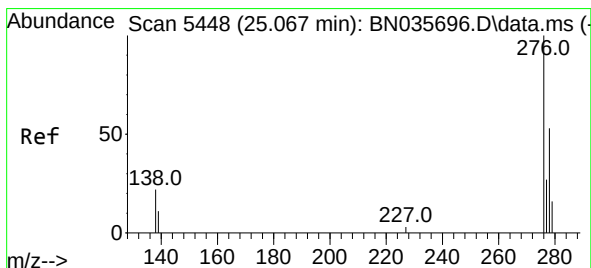
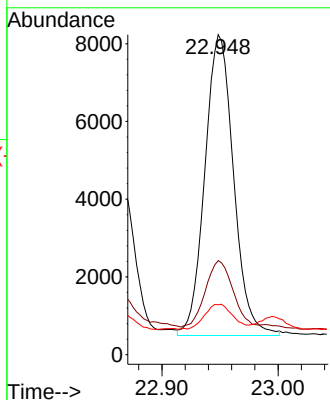
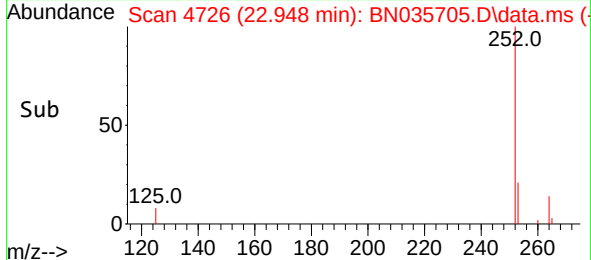
Instrument :
BNA_N
ClientSampleId :
E28X3DL



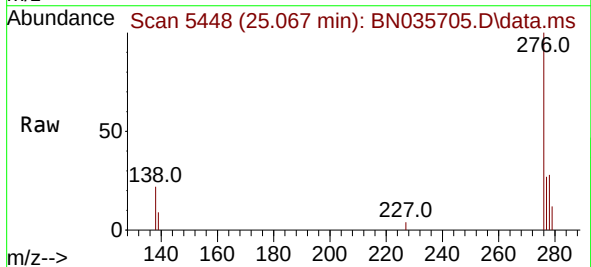
Tgt Ion:252 Resp: 13312
Ion Ratio Lower Upper
252 100
253 29.4 24.1 36.1
125 15.6 19.1 28.7

Manual Integrations
APPROVED

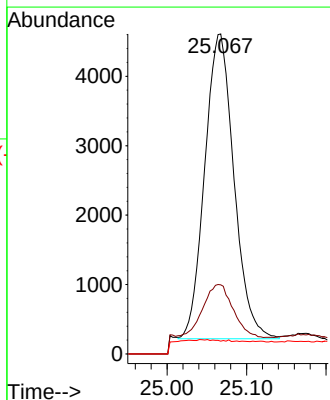
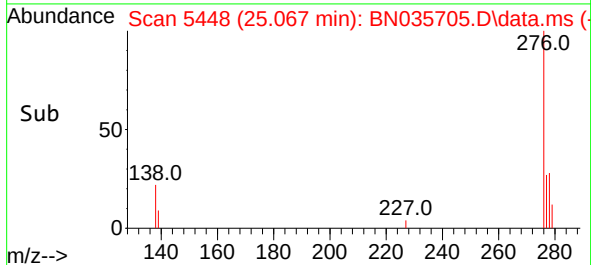
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

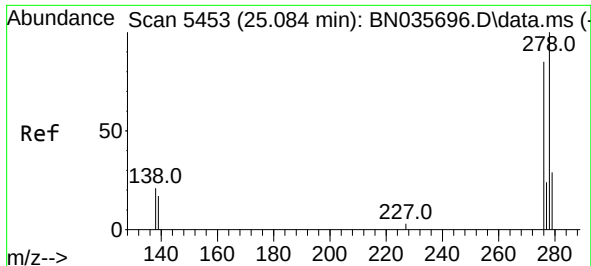


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.244 ng/ul m
RT: 25.067 min Scan# 5448
Delta R.T. -0.013 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29



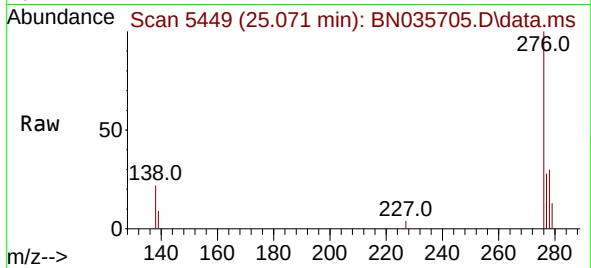
Tgt Ion:276 Resp: 11236
Ion Ratio Lower Upper
276 100
138 21.7 14.7 22.1
227 24.7 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul m
RT: 25.071 min Scan# 5453
Delta R.T. -0.030 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29

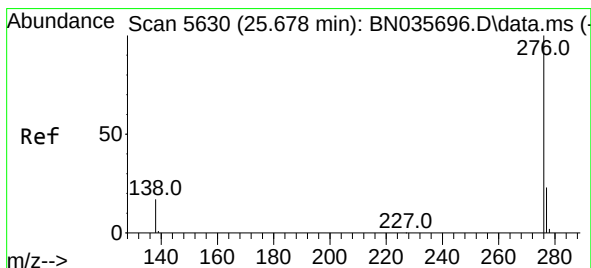
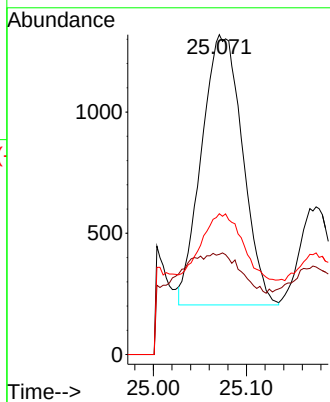
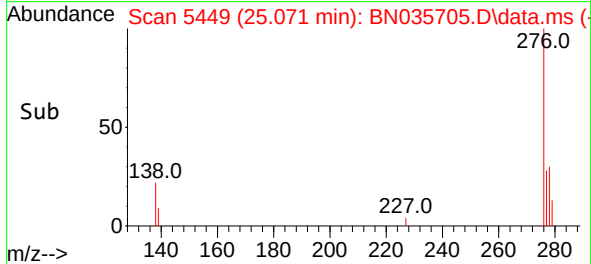
Instrument :
BNA_N
ClientSampleId :
E28X3DL



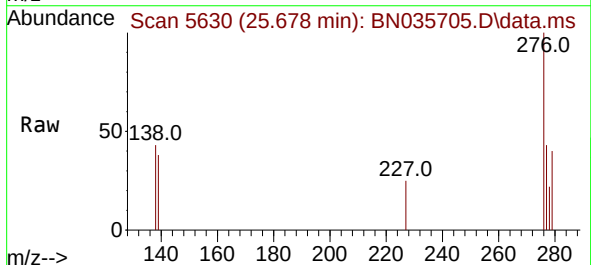
Tgt Ion:278 Resp: 3400
Ion Ratio Lower Upper
278 100
139 31.3 19.8 29.8#
279 44.0 24.0 36.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 25.678 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BN035705.D
Acq: 19 Dec 2024 14:29



Tgt Ion:276 Resp: 1759
Ion Ratio Lower Upper
276 100
138 43.3 19.6 29.4#
277 43.1 21.6 32.4#

