

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035337.D
 Acq On : 27 Nov 2024 05:06
 Operator : RC/JU
 Sample : P4895-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A11

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

Quant Time: Nov 27 05:29:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 26 06:09:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.309	152	3873	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136	10230	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.967	164	6387	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	12463	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	7993	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	8049m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.971	96	7158	2.022	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.658	152	1954	0.130	ng/ul	0.00
18) Fluoranthene-d10	18.786	212	5270	0.239	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	13.680	152	4726	0.187	ng/ul	96
11) Acenaphthene	14.032	153	605	0.031	ng/ul	94
12) Fluorene	15.031	166	1902	0.084	ng/ul#	96
15) Phenanthrene	16.776	178	27004	0.820	ng/ul	99
16) Anthracene	16.865	178	7380	0.241	ng/ul	98
19) Fluoranthene	18.814	202	60670	2.180	ng/ul#	95
20) Pyrene	19.181	202	48423	1.672	ng/ul#	92
21) Benzo(a)anthracene	20.961	228	22012	0.794	ng/ul	94
22) Chrysene	21.011	228	21765	0.780	ng/ul	98
24) Benzo(b)fluoranthene	22.457	252	27676m	1.040	ng/ul	
25) Benzo(k)fluoranthene	22.495	252	11271m	0.411	ng/ul	
26) Benzo(a)pyrene	22.977	252	20467	0.842	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.107	276	15051	0.458	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.117	278	3285m	0.128	ng/ul	
29) Benzo(g,h,i)perylene	25.721	276	13985	0.540	ng/ul#	92

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

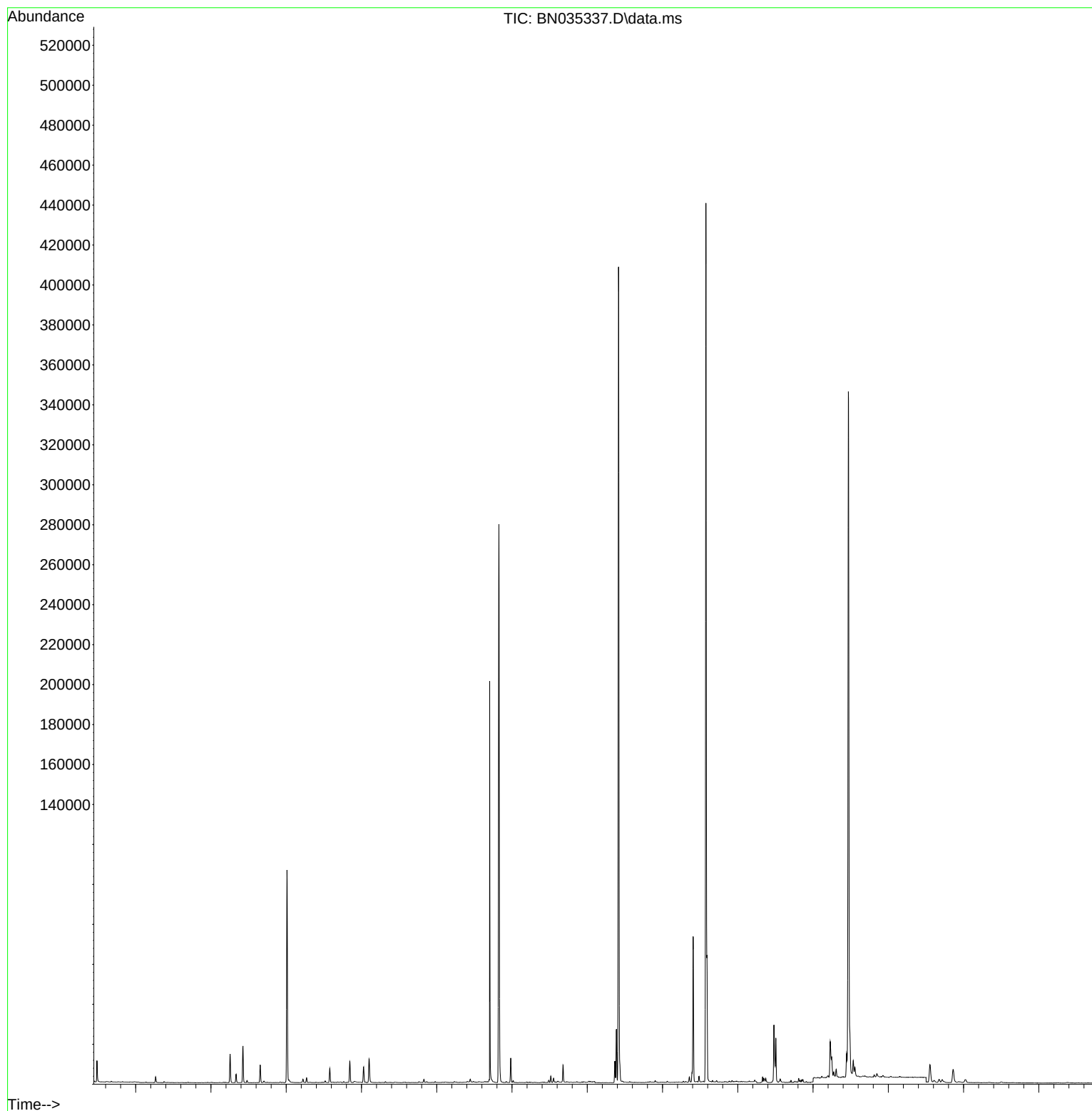
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035337.D
Acq On : 27 Nov 2024 05:06
Operator : RC/JU
Sample : P4895-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

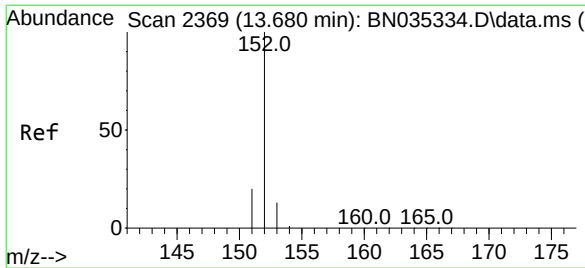
Instrument :
BNA_N
ClientSampleId :
E2A11

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

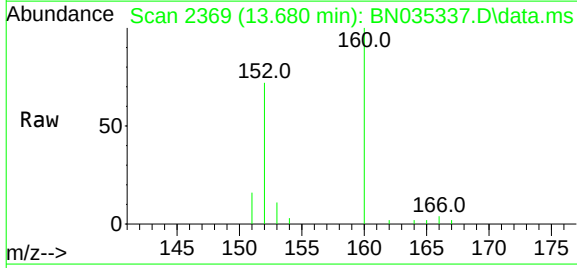
Quant Time: Nov 27 05:29:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.187 ng/u1
RT: 13.680 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

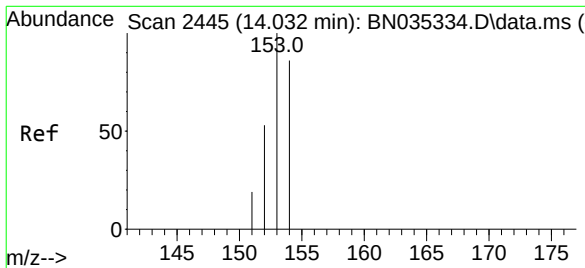
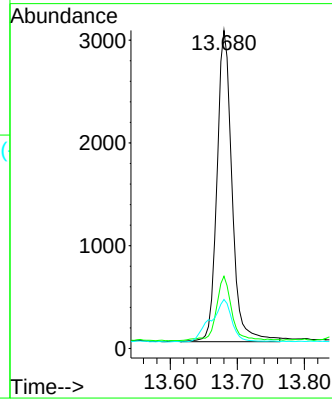
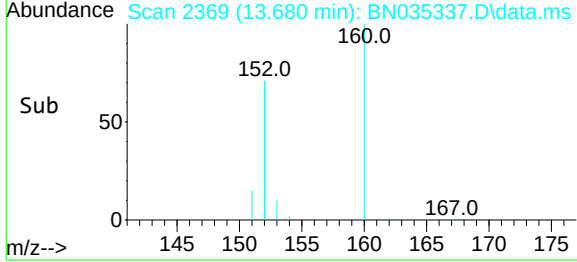
Instrument :
BNA_N
ClientSampleId :
E2A11



Tgt	Ion	152	Resp:	4726
Ion	Ratio	152	Lower	Upper
		151	22.7	16.4
		153	15.4	11.1

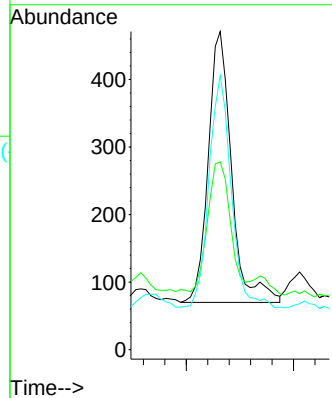
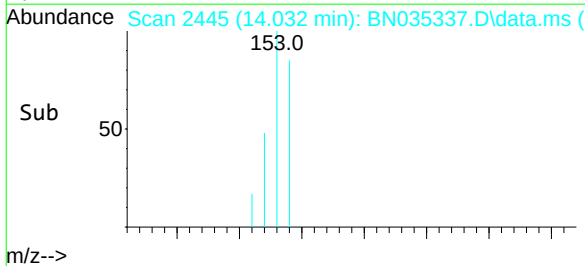
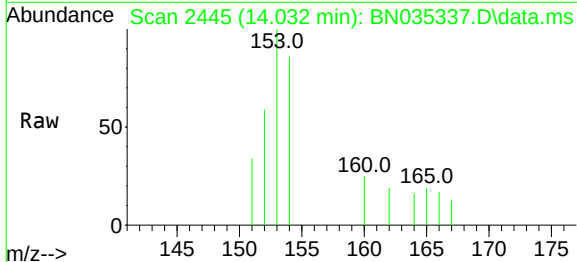
Manual Integrations
APPROVED

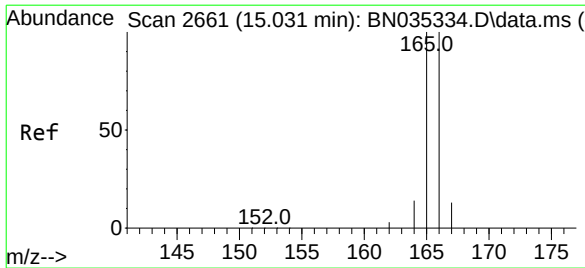
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

Tgt	Ion	153	Resp:	605
Ion	Ratio	153	Lower	Upper
		152	59.0	41.4
		154	86.2	71.2





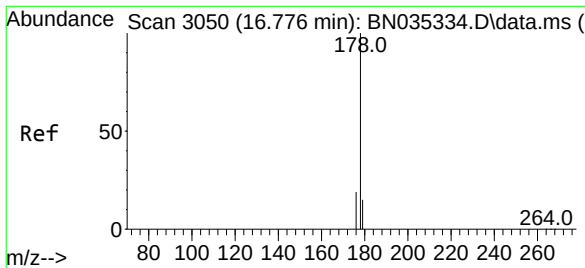
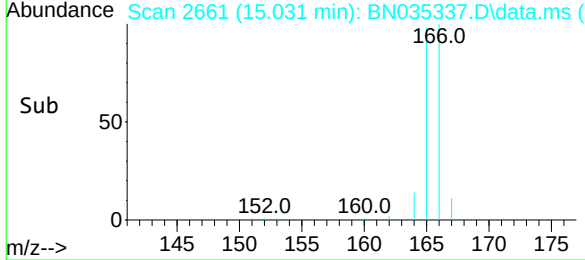
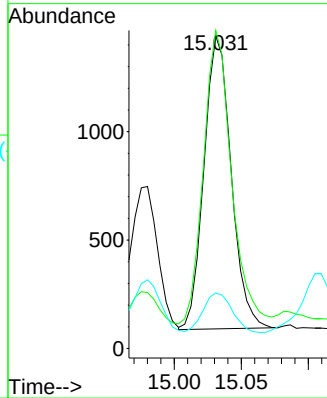
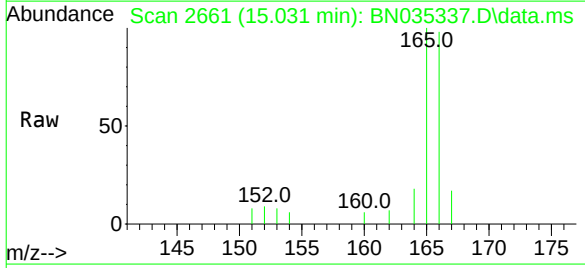
#12
Fluorene
Concen: 0.084 ng/u1
RT: 15.031 min Scan# 2661
Delta R.T. -0.005 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

Instrument :
BNA_N
ClientSampleId :
E2A11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.8	78.6	118.0
167	17.8	11.8	17.6

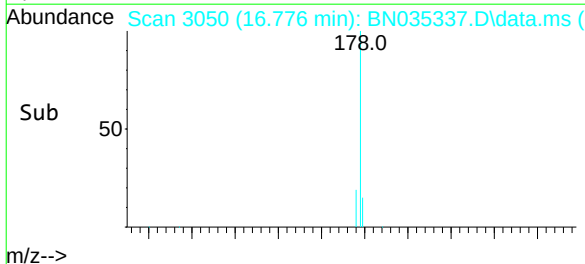
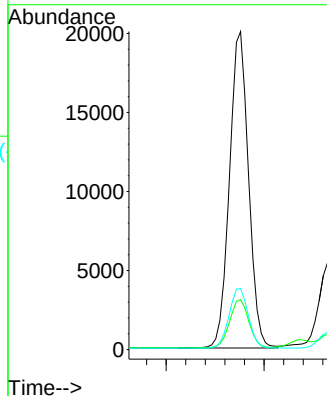
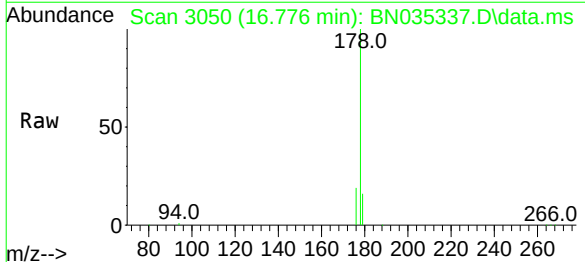
Manual Integrations
APPROVED

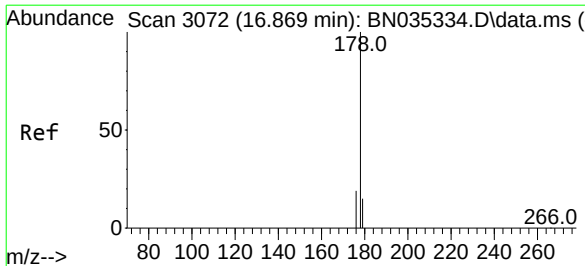
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#15
Phenanthrene
Concen: 0.820 ng/u1
RT: 16.776 min Scan# 3050
Delta R.T. -0.005 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

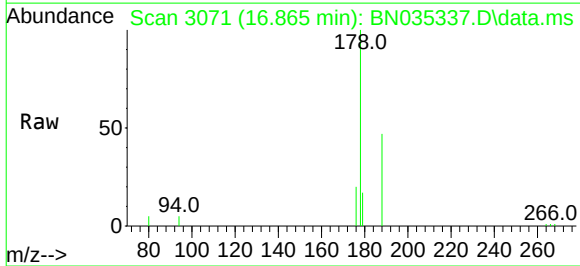
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	19.2	15.6	23.4





#16
 Anthracene
 Concen: 0.241 ng/u1
 RT: 16.865 min Scan# 3072
 Delta R.T. -0.009 min
 Lab File: BN035337.D
 Acq: 27 Nov 2024 05:06

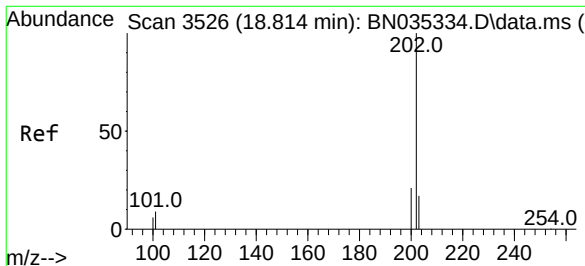
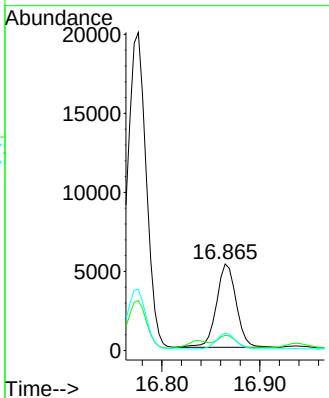
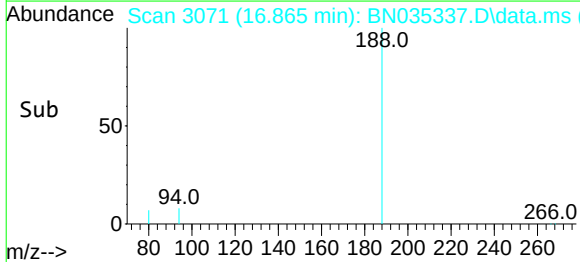
Instrument :
 BNA_N
 ClientSampleId :
 E2A11



Tgt Ion:178 Resp: 7380
 Ion Ratio Lower Upper
 178 100
 179 17.5 12.9 19.3
 176 19.7 15.4 23.2

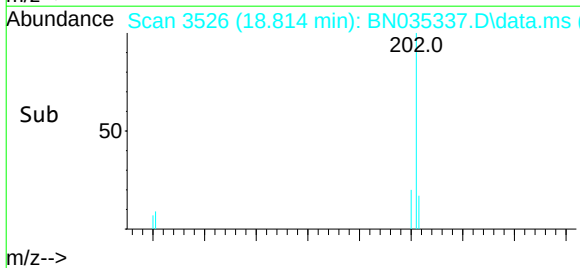
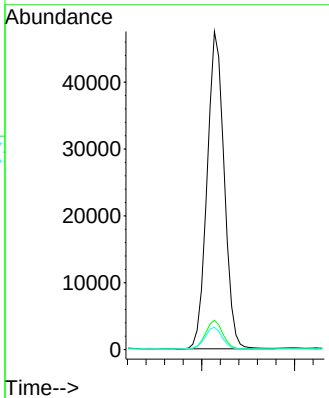
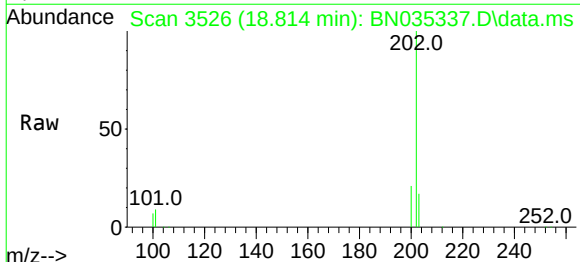
Manual Integrations
 APPROVED

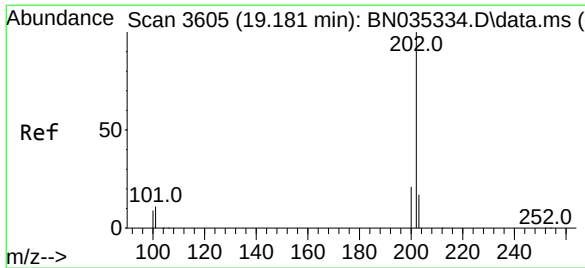
Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



#19
 Fluoranthene
 Concen: 2.180 ng/u1
 RT: 18.814 min Scan# 3526
 Delta R.T. -0.005 min
 Lab File: BN035337.D
 Acq: 27 Nov 2024 05:06

Tgt Ion:202 Resp: 60670
 Ion Ratio Lower Upper
 202 100
 101 9.2 5.8 8.6#
 100 7.0 4.5 6.7#





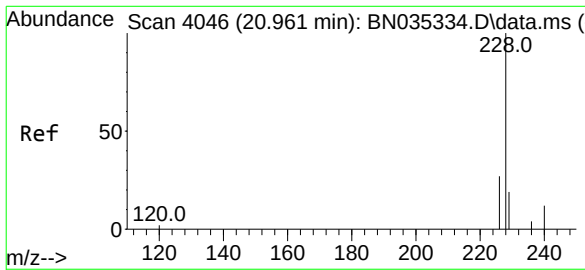
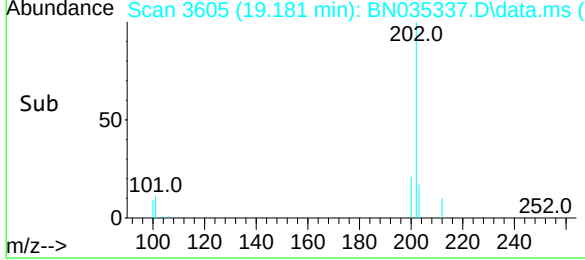
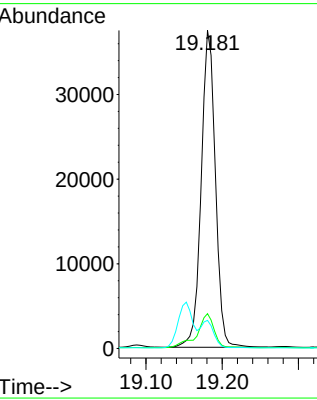
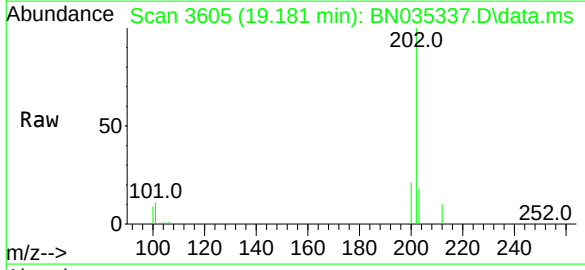
#20
Pyrene
 Concen: 1.672 ng/u1
 RT: 19.181 min Scan# 3605
 Delta R.T. -0.005 min
 Lab File: BN035337.D
 Acq: 27 Nov 2024 05:06

Instrument : BNA_N
 ClientSampleId : E2A11

Tgt Ion:	202	Resp:	48423
Ion	Ratio	Lower	Upper
202	100		
101	10.9	6.2	9.4
100	8.8	5.1	7.7

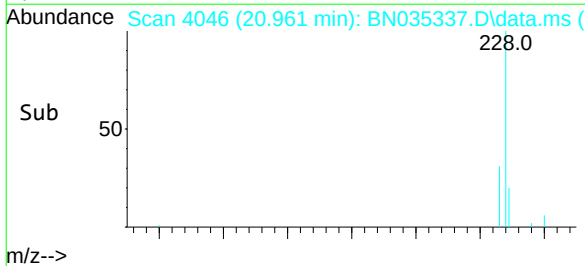
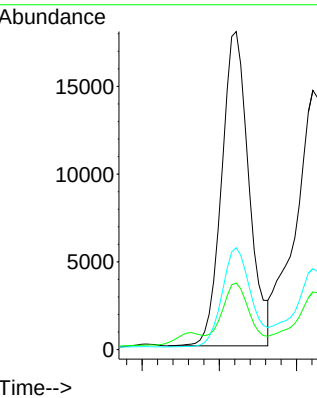
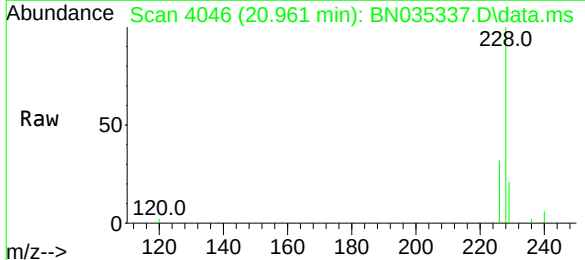
Manual Integrations
APPROVED

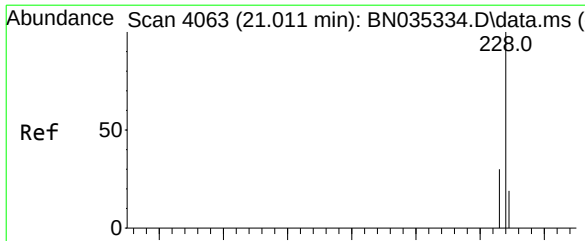
Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024



#21
Benzo(a)anthracene
 Concen: 0.794 ng/u1
 RT: 20.961 min Scan# 4046
 Delta R.T. -0.003 min
 Lab File: BN035337.D
 Acq: 27 Nov 2024 05:06

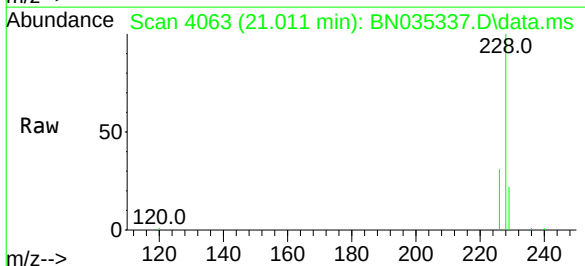
Tgt Ion:	228	Resp:	22012
Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	32.0	21.8	32.8





#22
Chrysene
Concen: 0.780 ng/u1
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

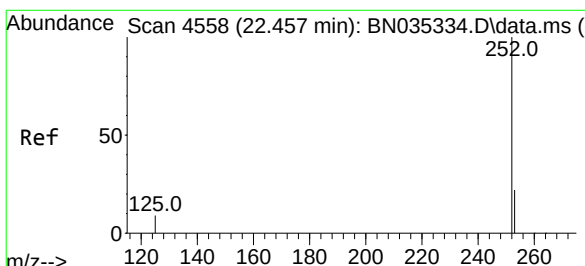
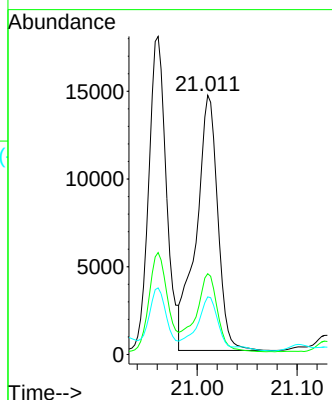
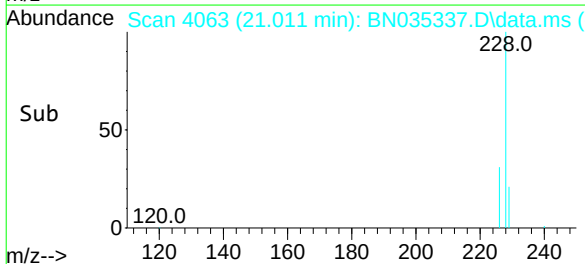
Instrument :
BNA_N
ClientSampleId :
E2A11



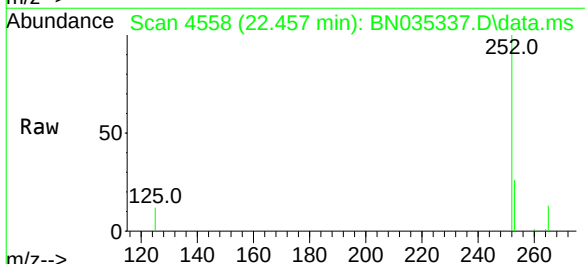
Tgt Ion:228 Resp: 21765
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 22.2 16.0 24.0

Manual Integrations
APPROVED

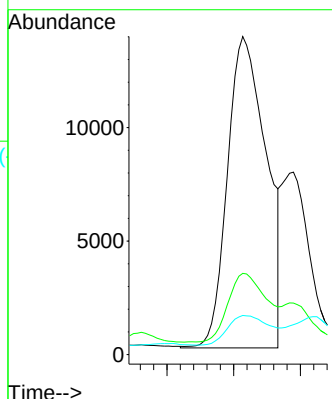
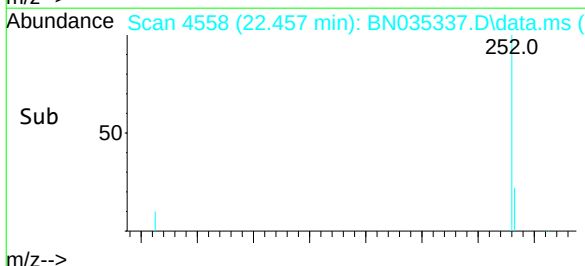
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

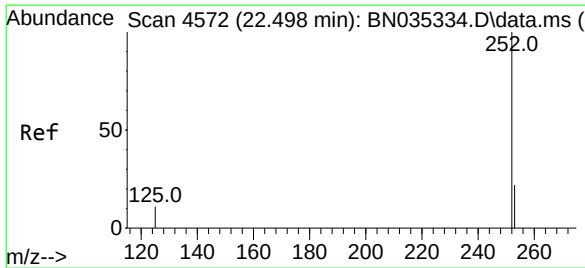


#24
Benzo(b)fluoranthene
Concen: 1.040 ng/u1 m
RT: 22.457 min Scan# 4558
Delta R.T. -0.006 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06



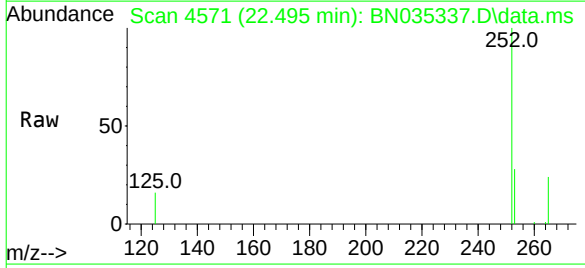
Tgt Ion:252 Resp: 27676
Ion Ratio Lower Upper
252 100
253 25.5 0.0 54.0
125 12.3 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.411 ng/u1 m
RT: 22.495 min Scan# 4571
Delta R.T. -0.009 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

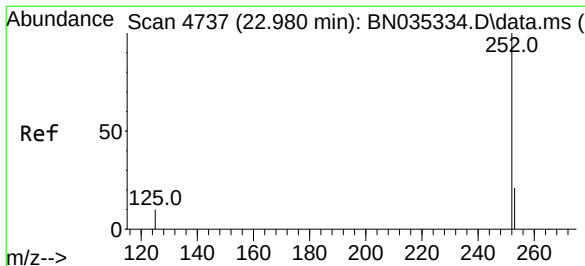
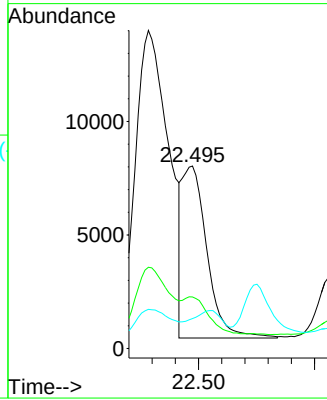
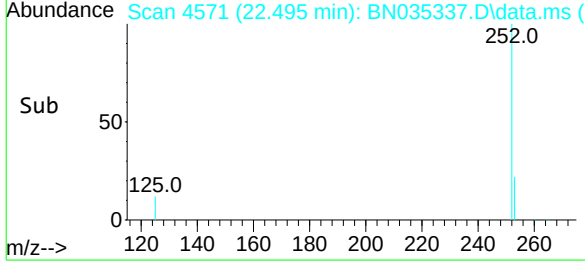
Instrument :
BNA_N
ClientSampleId :
E2A11



Tgt Ion:	252	Resp:	11271
Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.8	32.6
125	16.4	8.6	12.8#

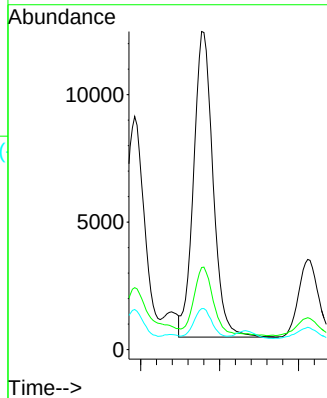
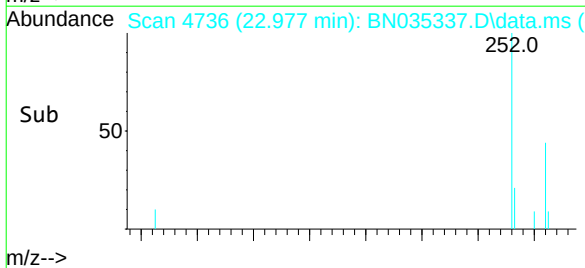
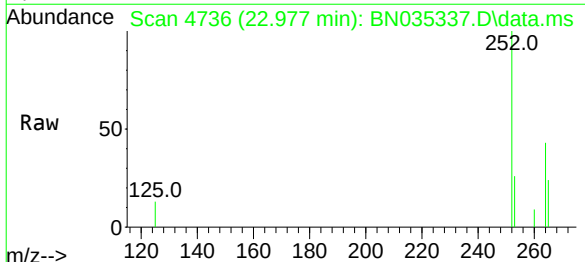
Manual Integrations
APPROVED

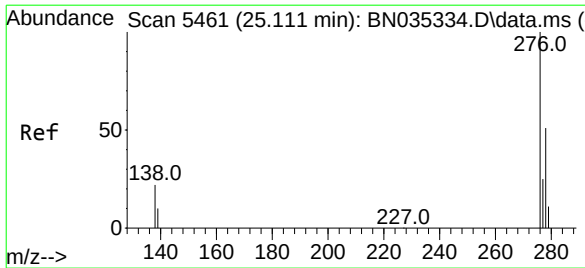
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#26
Benzo(a)pyrene
Concen: 0.842 ng/u1
RT: 22.977 min Scan# 4736
Delta R.T. -0.009 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

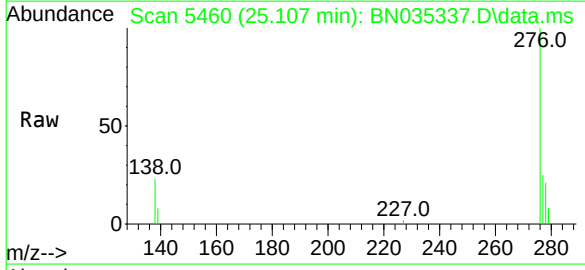
Tgt Ion:	252	Resp:	20467
Ion	Ratio	Lower	Upper
252	100		
253	25.8	22.9	34.3
125	12.9	9.4	14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.458 ng/ul
RT: 25.107 min Scan# 5461
Delta R.T. -0.014 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06

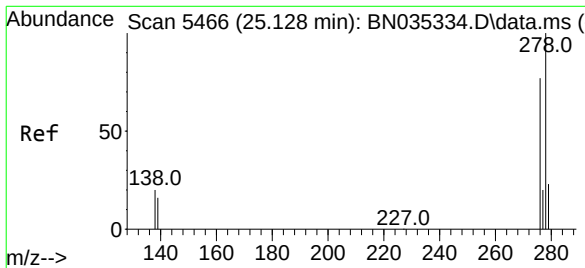
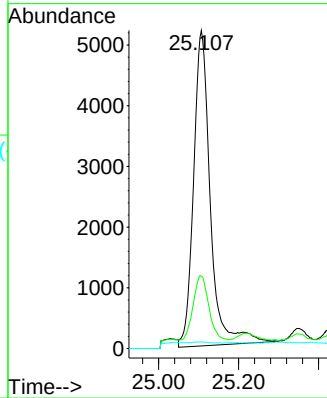
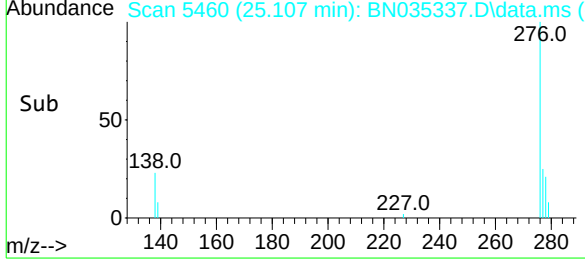
Instrument :
BNA_N
ClientSampleId :
E2A11



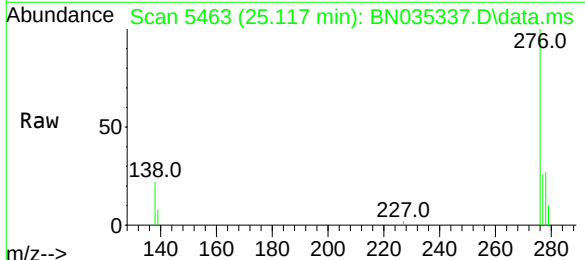
Tgt Ion: 276 Resp: 15051
Ion Ratio Lower Upper
276 100
138 21.2 13.8 20.8#
227 11.2 0.2 0.4#

Manual Integrations
APPROVED

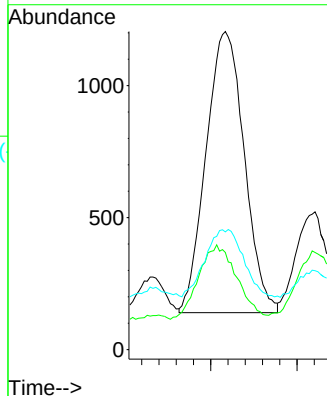
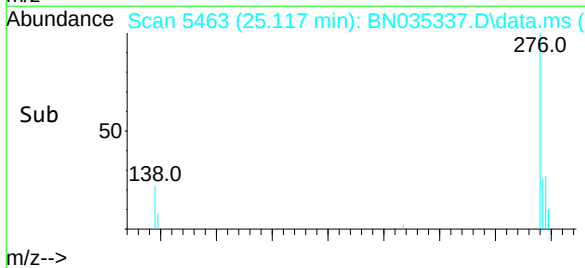
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

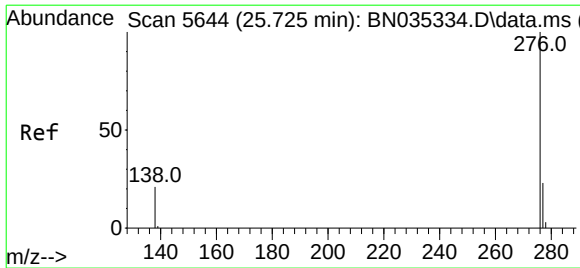


#28
Dibenzo(a,h)anthracene
Concen: 0.128 ng/ul m
RT: 25.117 min Scan# 5463
Delta R.T. -0.021 min
Lab File: BN035337.D
Acq: 27 Nov 2024 05:06



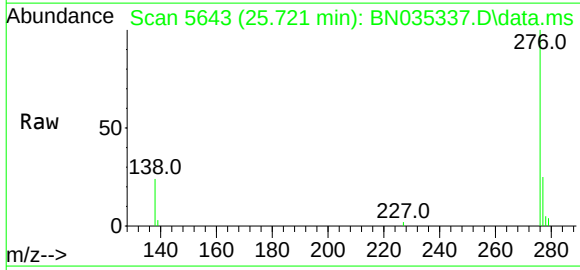
Tgt Ion: 278 Resp: 3285
Ion Ratio Lower Upper
278 100
139 30.5 10.7 16.1#
279 37.0 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.540 ng/ul
 RT: 25.721 min Scan# 56
 Delta R.T. -0.014 min
 Lab File: BN035337.D
 Acq: 27 Nov 2024 05:06

Instrument :
 BNA_N
 ClientSampleId :
 E2A11



Tgt Ion:	276	Resp:	13985
Ion Ratio	Lower	Upper	
276	100		
138	23.6	13.0	19.6#
277	24.9	20.5	30.7

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/27/2024
 Supervised By :mohammad ahmed 11/28/2024

