

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
 Data File : BN035339.D
 Acq On : 27 Nov 2024 06:18
 Operator : RC/JU
 Sample : P4895-04MS
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2A12MS

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 06:41:41 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	7.310	152	4005	0.400	ng/ul	0.00
4) Naphthalene-d8	10.059	136	11212	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.967	164	7096	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.734	188	14289	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.976	240	8579	0.400	ng/ul	# 0.00
23) Perylene-d12	23.068	264	8881	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.972	96	1239	0.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.659	152	3740	0.228	ng/ul	0.00
18) Fluoranthene-d10	18.782	212	8349	0.353	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.001	88	3387	0.852	ng/ul#	90
5) Naphthalene	10.103	128	6419	0.227	ng/ul	100
7) 2-Methylnaphthalene	11.736	142	4479	0.229	ng/ul	97
8) 1-Methylnaphthalene	11.961	142	4598	0.233	ng/ul	99
10) Acenaphthylene	13.681	152	8929	0.317	ng/ul	99
11) Acenaphthene	14.032	153	5419	0.252	ng/ul	99
12) Fluorene	15.031	166	6448	0.255	ng/ul	99
14) Pentachlorophenol	16.392	266	352	0.106	ng/ul	96
15) Phenanthrene	16.777	178	20154	0.534	ng/ul	99
16) Anthracene	16.865	178	10888	0.311	ng/ul	100
19) Fluoranthene	18.814	202	44595	1.493	ng/ul#	95
20) Pyrene	19.181	202	37940	1.221	ng/ul#	92
21) Benzo(a)anthracene	20.959	228	19591	0.658	ng/ul	97
22) Chrysene	21.011	228	20018	0.668	ng/ul	100
24) Benzo(b)fluoranthene	22.457	252	22763	0.775	ng/ul	95
25) Benzo(k)fluoranthene	22.495	252	14209m	0.469	ng/ul	
26) Benzo(a)pyrene	22.978	252	17170	0.640	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.108	276	18258	0.504	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.125	278	8888m	0.313	ng/ul	
29) Benzo(g,h,i)perylene	25.725	276	15557	0.545	ng/ul#	93

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

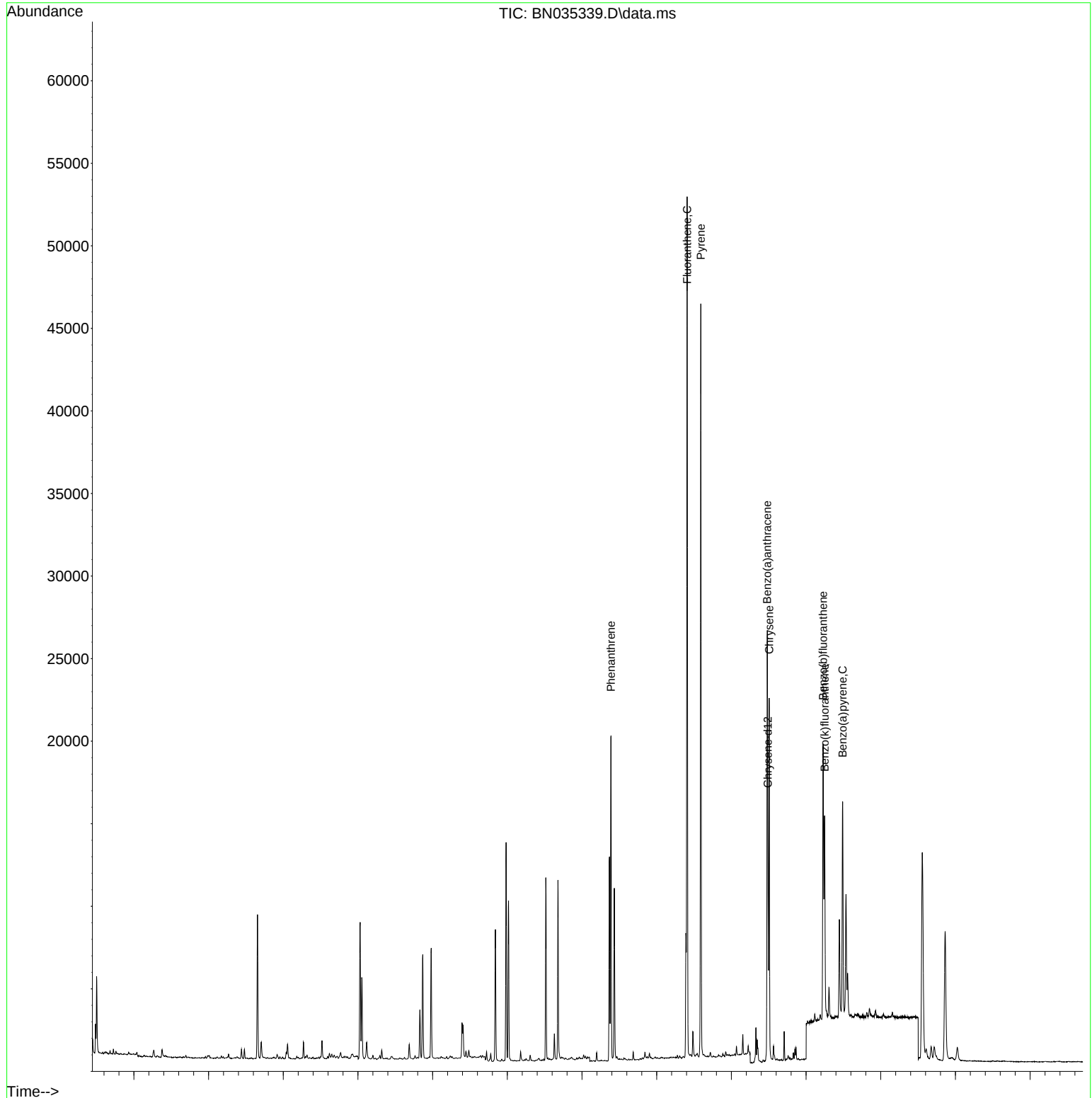
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035339.D
Acq On : 27 Nov 2024 06:18
Operator : RC/JU
Sample : P4895-04MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

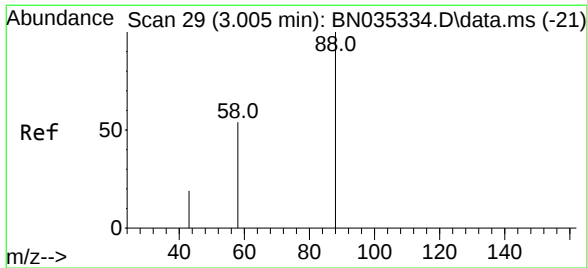
Instrument :
BNA_N
ClientSampleId :
E2A12MS

Manual Integrations
APPROVED

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

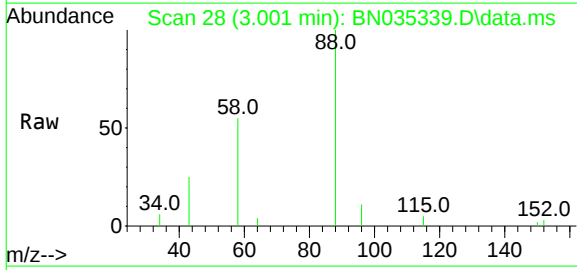
Quant Time: Nov 27 06:41:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.852 ng/u1
RT: 3.001 min Scan# 28
Delta R.T. -0.004 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

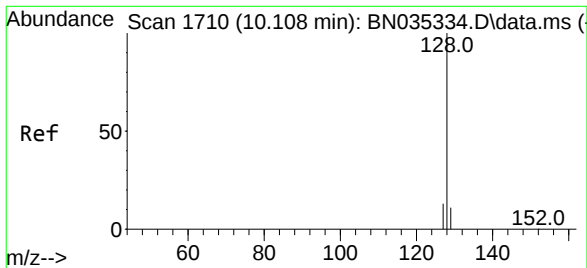
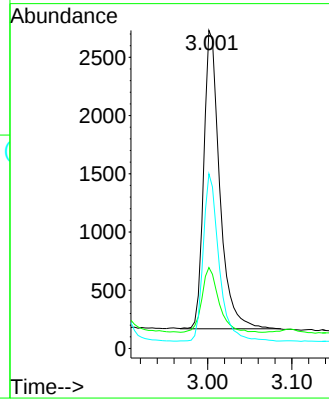
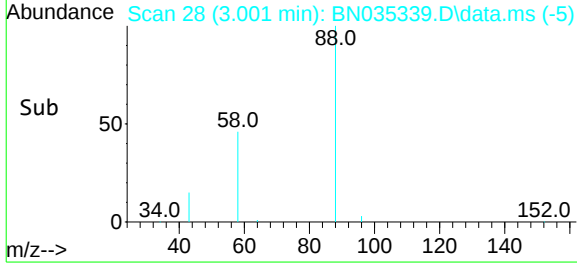
Instrument :
BNA_N
ClientSampleId :
E2A12MS



Tgt Ion: 88 Resp: 3387
Ion Ratio Lower Upper
88 100
43 25.4 20.6 31.0
58 54.9 36.2 54.4#

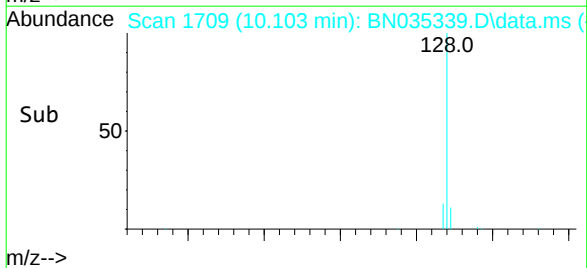
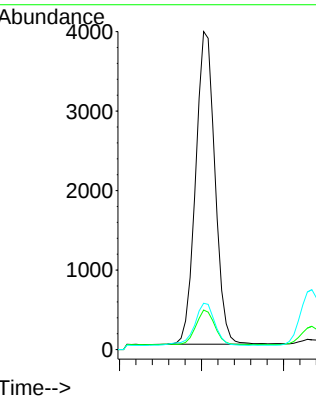
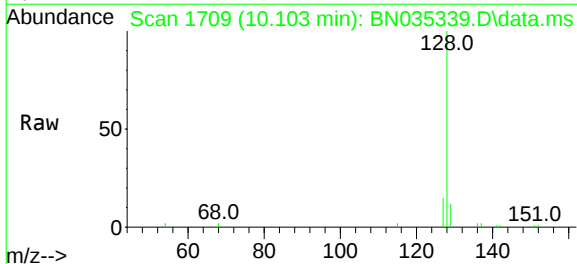
Manual Integrations
APPROVED

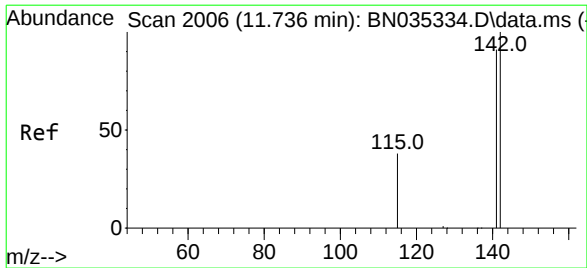
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#5
Naphthalene
Concen: 0.227 ng/u1
RT: 10.103 min Scan# 1709
Delta R.T. -0.005 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

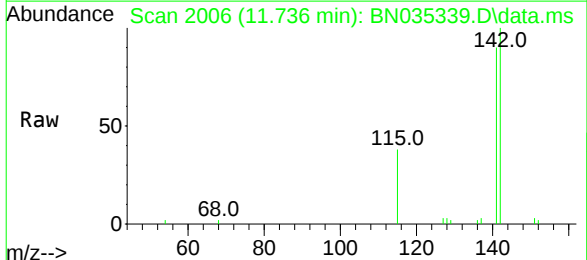
Tgt Ion:128 Resp: 6419
Ion Ratio Lower Upper
128 100
129 12.4 9.9 14.9
127 14.6 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.229 ng/ul
RT: 11.736 min Scan# 2006
Delta R.T. -0.005 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

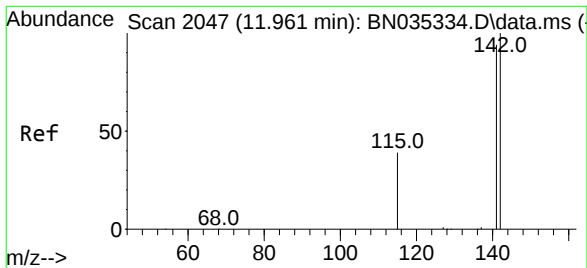
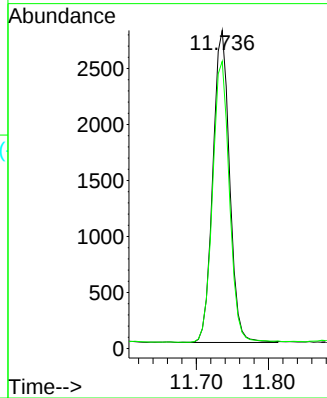
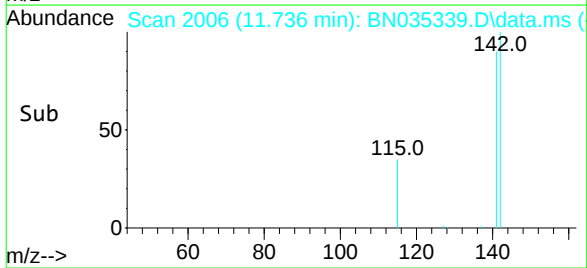
Instrument :
BNA_N
ClientSampleId :
E2A12MS



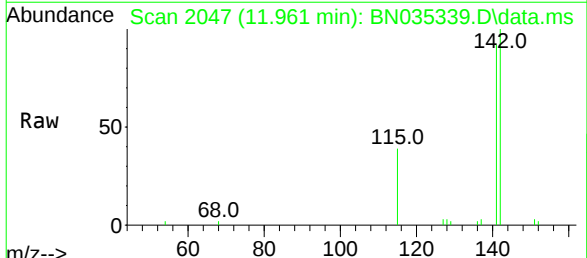
Tgt Ion:142 Resp: 4479
Ion Ratio Lower Upper
142 100
141 90.4 70.4 105.6

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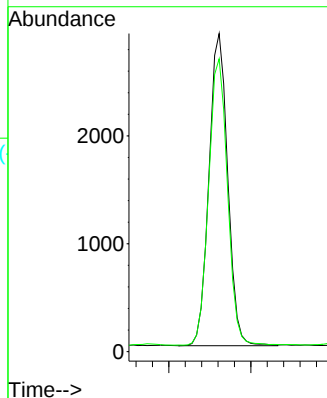
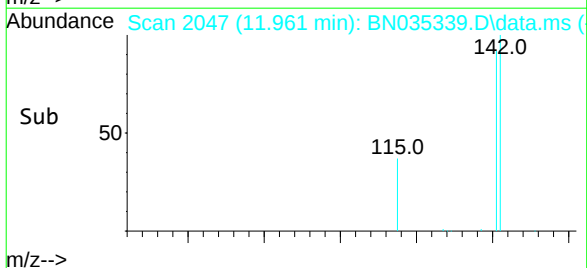
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

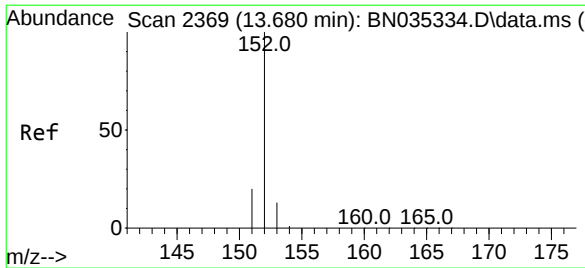


#8
1-Methylnaphthalene
Concen: 0.233 ng/ul
RT: 11.961 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18



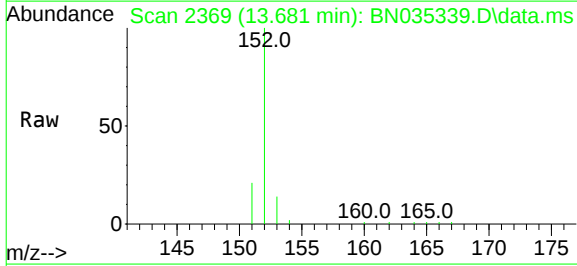
Tgt Ion:142 Resp: 4598
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7





#10
Acenaphthylene
Concen: 0.317 ng/u1
RT: 13.681 min Scan# 2369
Delta R.T. -0.005 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

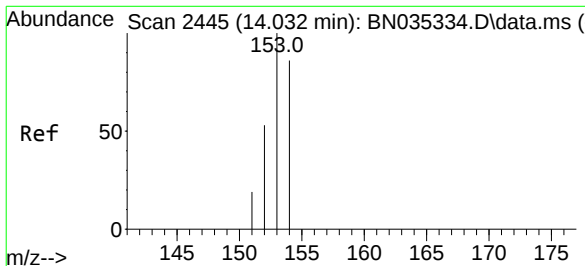
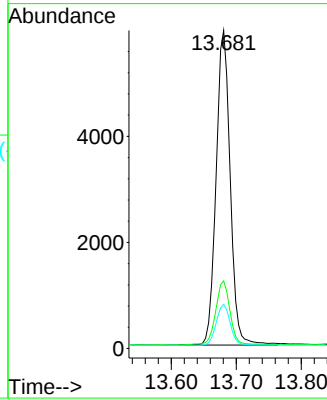
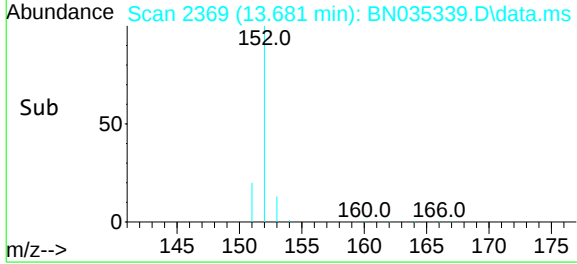
Instrument :
BNA_N
ClientSampleId :
E2A12MS



Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.4	24.6
153	13.9	11.1	16.7

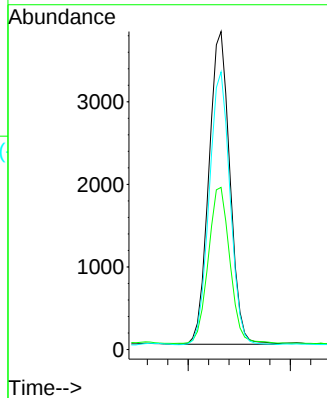
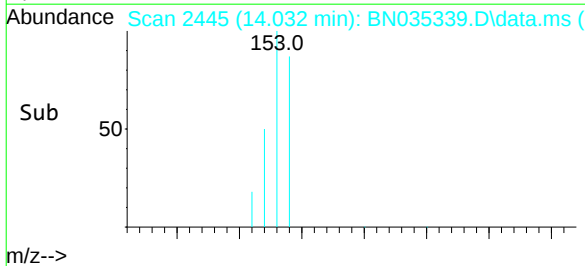
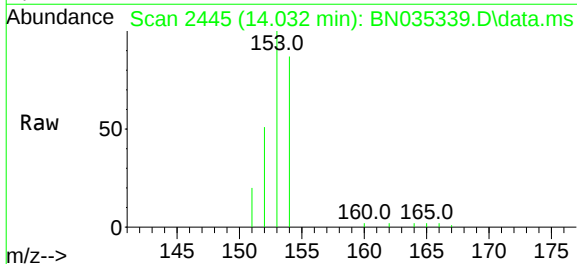
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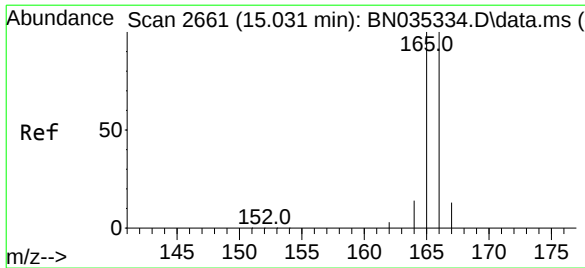
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#11
Acenaphthene
Concen: 0.252 ng/u1
RT: 14.032 min Scan# 2445
Delta R.T. -0.005 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

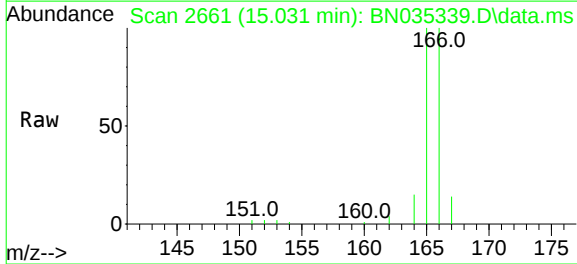
Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.0	41.4	62.0
154	87.3	71.2	106.8





#12
Fluorene
Concen: 0.255 ng/u1
RT: 15.031 min Scan# 2661
Delta R.T. -0.005 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

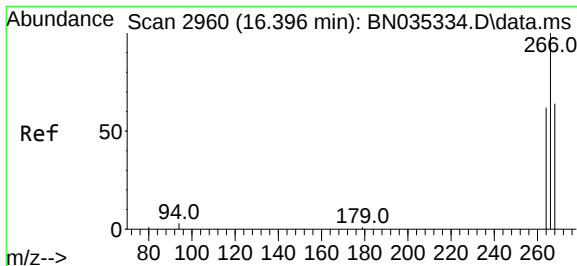
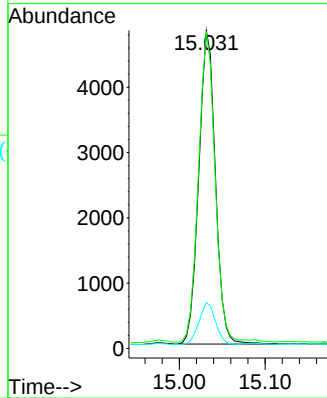
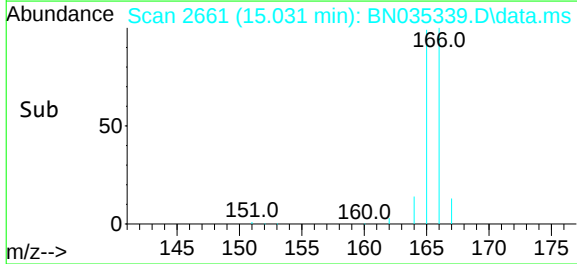
Instrument :
BNA_N
ClientSampleId :
E2A12MS



Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	14.4	11.8	17.6

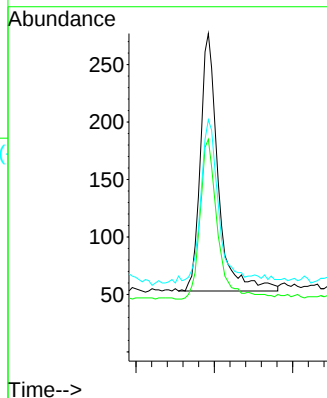
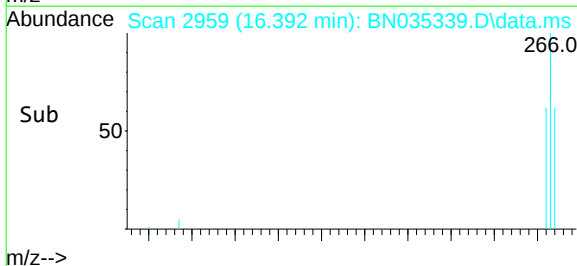
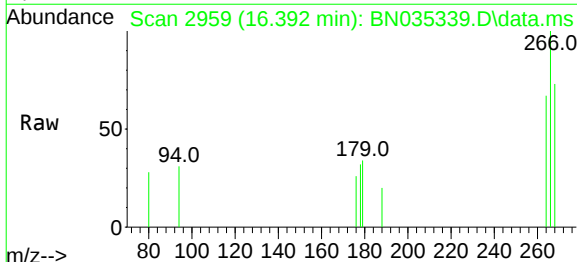
Manual Integrations
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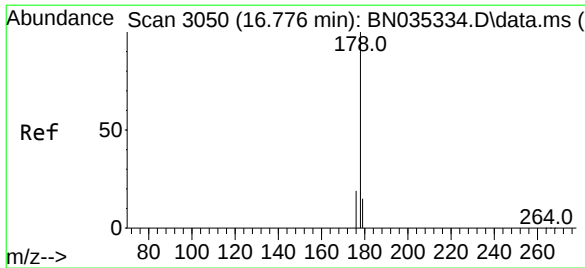
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#14
Pentachlorophenol
Concen: 0.106 ng/u1
RT: 16.392 min Scan# 2959
Delta R.T. -0.008 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.6	51.8	77.6
268	61.6	51.3	76.9





#15

Phenanthrene

Concen: 0.534 ng/u1

RT: 16.777 min Scan# 3050

Delta R.T. -0.004 min

Lab File: BN035339.D

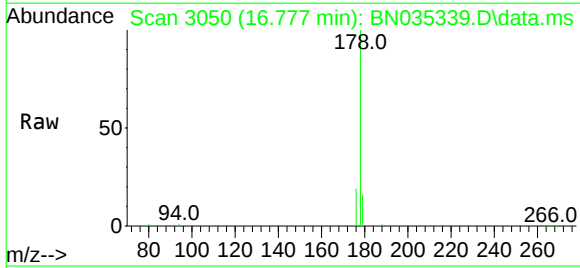
Acq: 27 Nov 2024 06:18

Instrument :

BNA_N

ClientSampleId :

E2A12MS

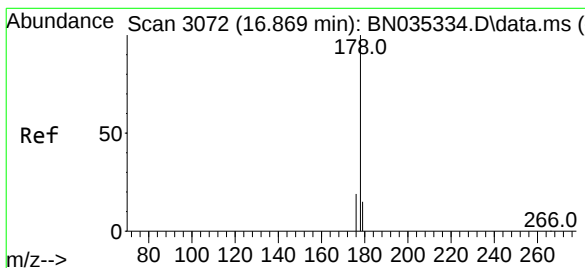
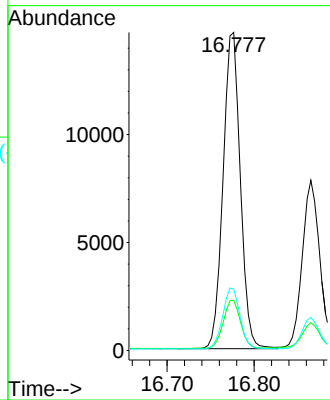
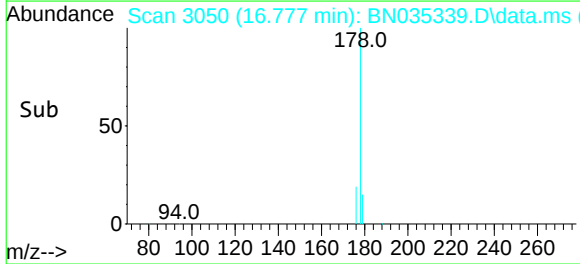


Tgt	Ion	Ratio	Lower	Upper
178	100			
179	15.7	12.9	19.3	
176	19.3	15.6	23.4	

Manual Integrations

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#16

Anthracene

Concen: 0.311 ng/u1

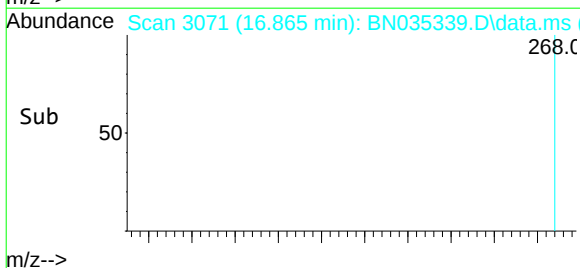
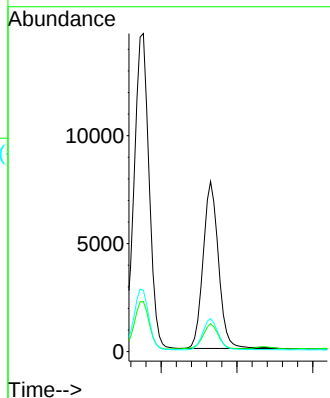
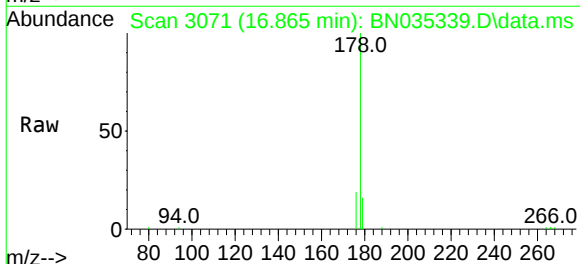
RT: 16.865 min Scan# 3071

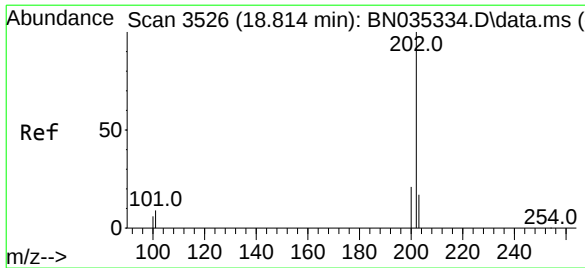
Delta R.T. -0.008 min

Lab File: BN035339.D

Acq: 27 Nov 2024 06:18

Tgt	Ion	Ratio	Lower	Upper
178	100			
179	16.3	12.9	19.3	
176	19.4	15.4	23.2	





#19

Fluoranthene

Concen: 1.493 ng/u1

RT: 18.814 min Scan# 3526

Delta R.T. -0.005 min

Lab File: BN035339.D

Acq: 27 Nov 2024 06:18

Instrument :

BNA_N

ClientSampleId :

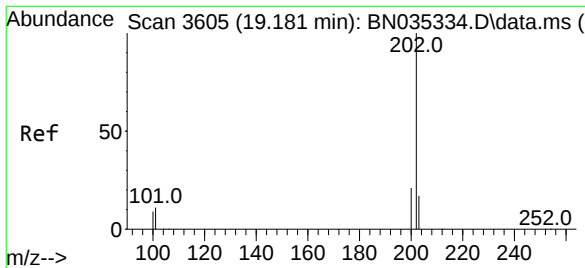
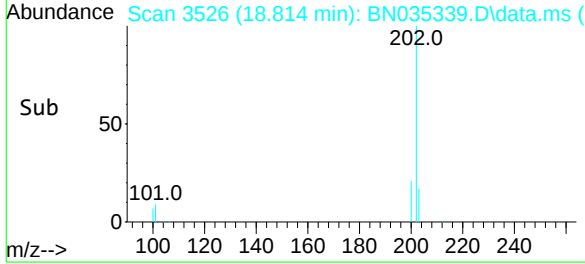
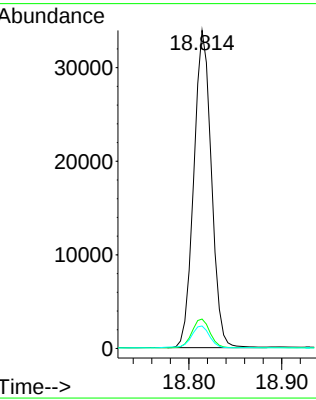
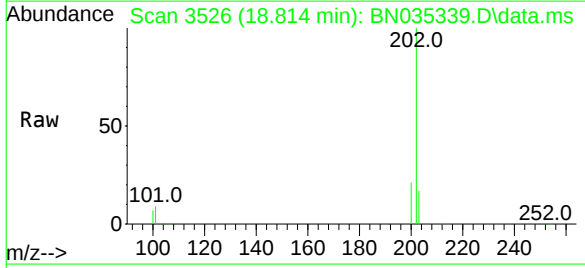
E2A12MS

Tgt Ion:	202	Resp:	44595
Ion Ratio	Lower	Upper	
202	100		
101	9.3	5.8	8.6#
100	7.1	4.5	6.7#

Manual Integrations

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



#20

Pyrene

Concen: 1.221 ng/u1

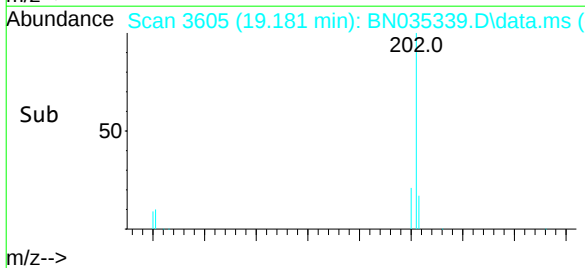
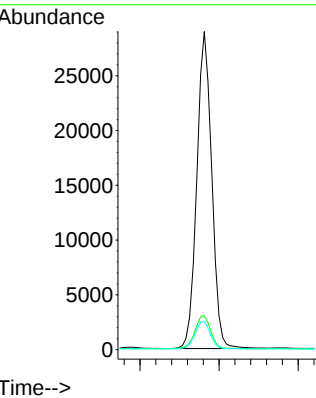
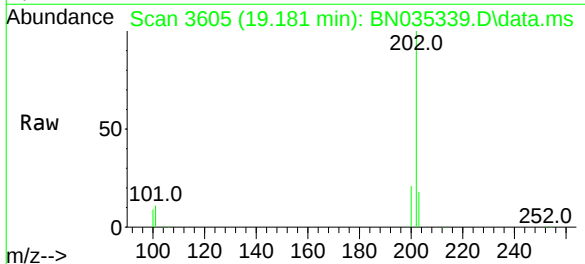
RT: 19.181 min Scan# 3605

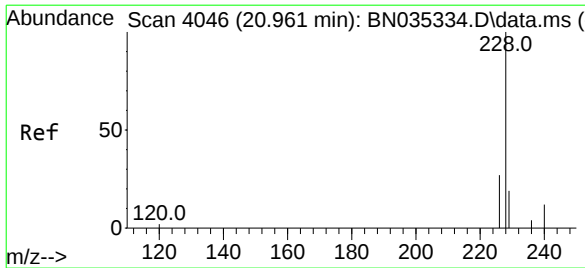
Delta R.T. -0.005 min

Lab File: BN035339.D

Acq: 27 Nov 2024 06:18

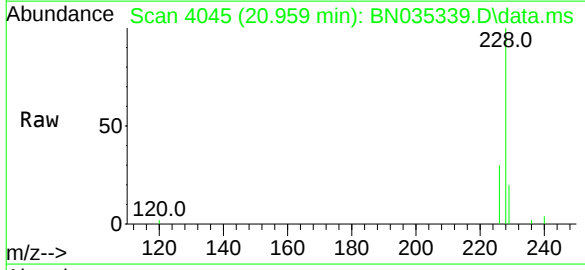
Tgt Ion:	202	Resp:	37940
Ion Ratio	Lower	Upper	
202	100		
101	10.7	6.2	9.4#
100	8.8	5.1	7.7#





#21
Benzo(a)anthracene
Concen: 0.658 ng/u1
RT: 20.959 min Scan# 4046
Delta R.T. -0.006 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

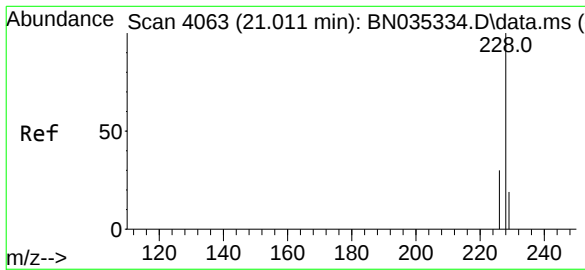
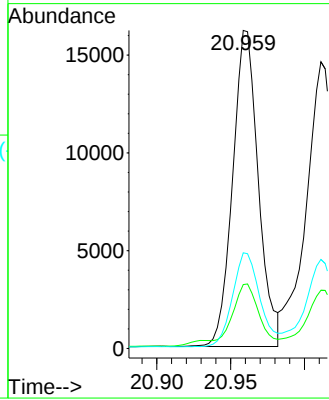
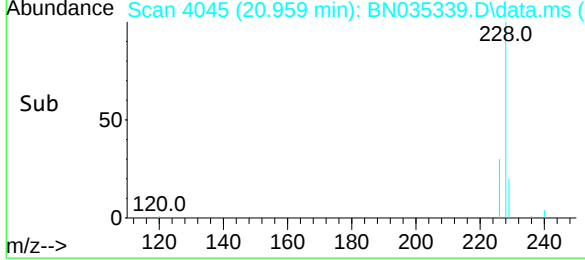
Instrument :
BNA_N
ClientSampleId :
E2A12MS



Tgt	Ion	228	Resp:	19591
Ion	Ratio	228	Lower	Upper
		229	20.1	15.8
		226	30.1	21.8

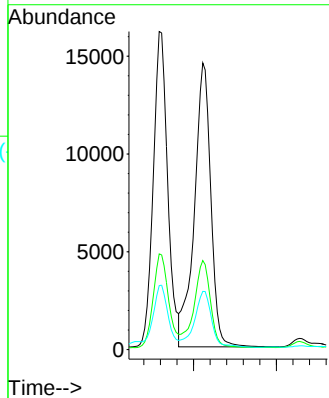
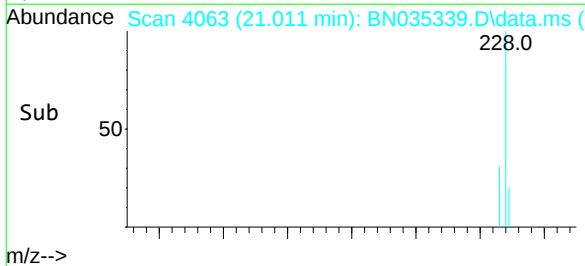
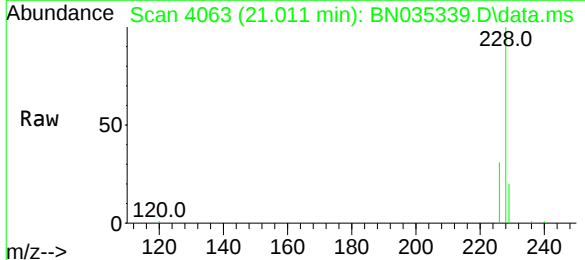
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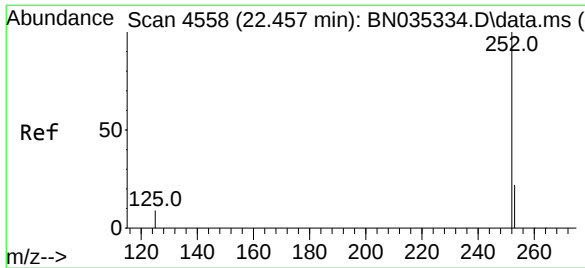
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#22
Chrysene
Concen: 0.668 ng/u1
RT: 21.011 min Scan# 4063
Delta R.T. -0.006 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

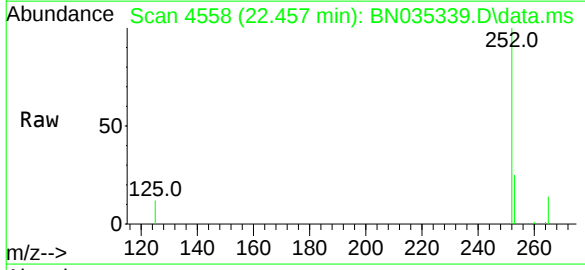
Tgt	Ion	228	Resp:	20018
Ion	Ratio	228	Lower	Upper
		226	31.1	24.7
		229	20.3	16.0





#24
Benzo(b)fluoranthene
Concen: 0.775 ng/u1
RT: 22.457 min Scan# 4558
Delta R.T. -0.006 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

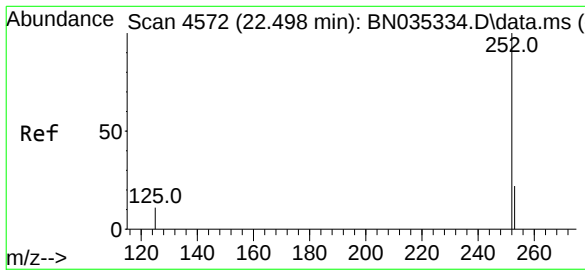
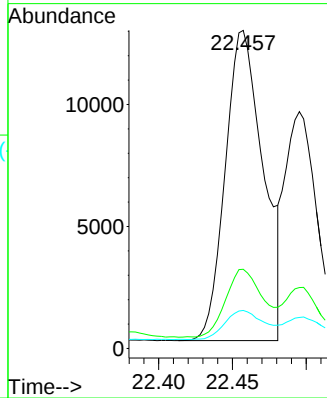
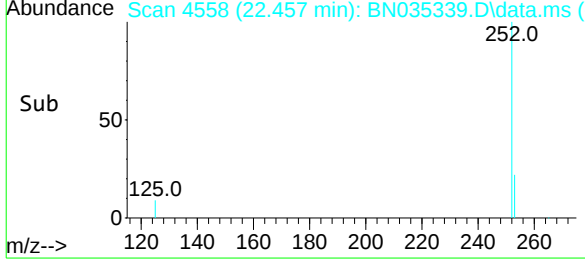
Instrument :
BNA_N
ClientSampleId :
E2A12MS



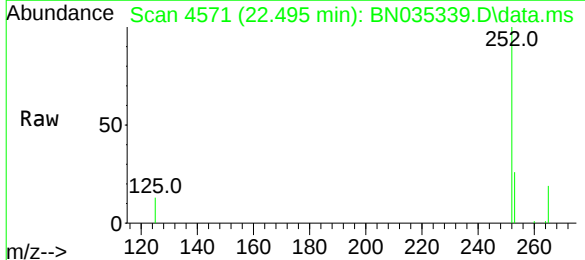
Tgt Ion:	252	Resp:	22763
Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	54.0
125	12.0	0.0	19.4

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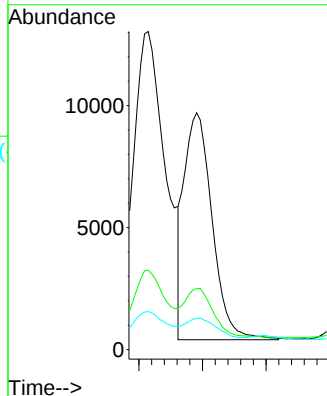
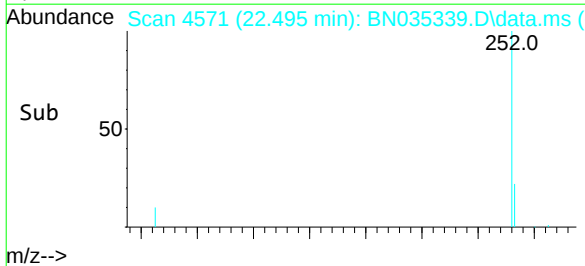
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024

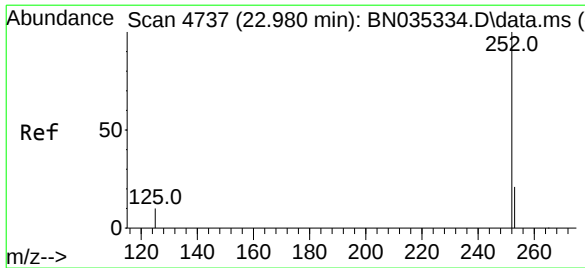


#25
Benzo(k)fluoranthene
Concen: 0.469 ng/u1 m
RT: 22.495 min Scan# 4571
Delta R.T. -0.009 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18



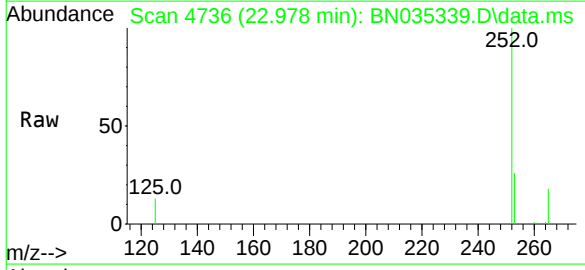
Tgt Ion:	252	Resp:	14209
Ion	Ratio	Lower	Upper
252	100		
253	25.7	21.8	32.6
125	13.1	8.6	12.8





#26
Benzo(a)pyrene
Concen: 0.640 ng/u1
RT: 22.978 min Scan# 4736
Delta R.T. -0.009 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

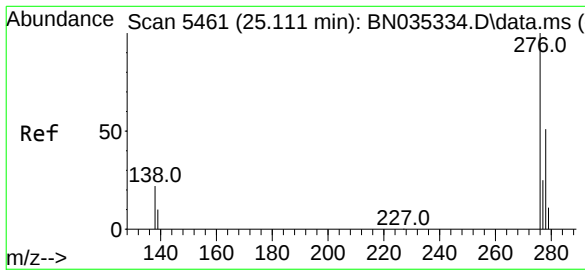
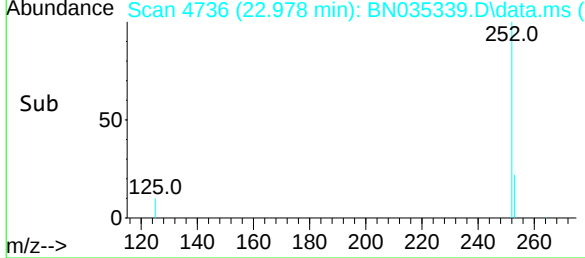
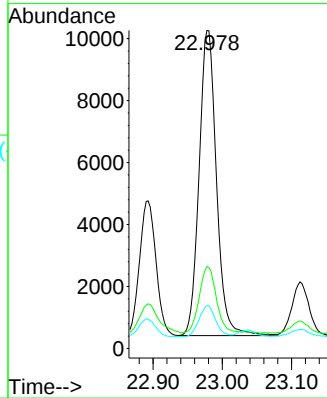
Instrument :
BNA_N
ClientSampleId :
E2A12MS



Tgt Ion:	252	Resp:	17170
Ion Ratio	Lower	Upper	
252	100		
253	25.8	22.9	34.3
125	13.5	9.4	14.2

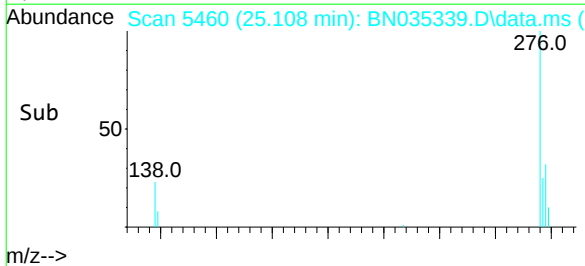
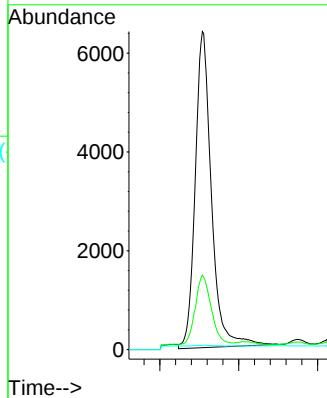
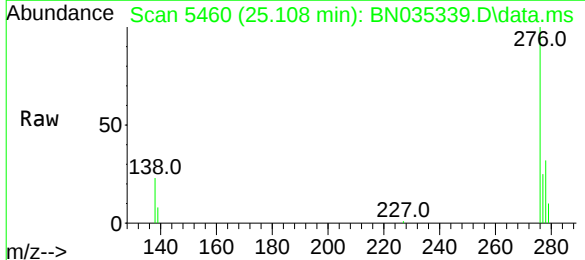
Manual Integrations
APPROVED

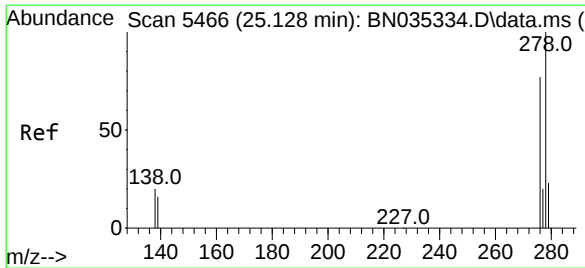
Reviewed By :Jagrut Upadhyay 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.504 ng/u1
RT: 25.108 min Scan# 5460
Delta R.T. -0.013 min
Lab File: BN035339.D
Acq: 27 Nov 2024 06:18

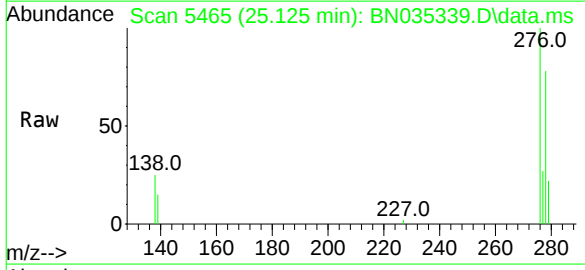
Tgt Ion:	276	Resp:	18258
Ion Ratio	Lower	Upper	
276	100		
138	22.3	13.8	20.8#
227	7.3	0.2	0.4#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.313 ng/u1 m
 RT: 25.125 min Scan# 54
 Delta R.T. -0.013 min
 Lab File: BN035339.D
 Acq: 27 Nov 2024 06:18

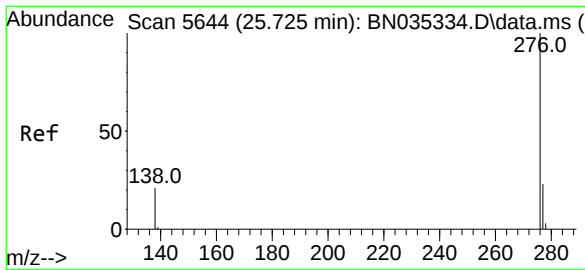
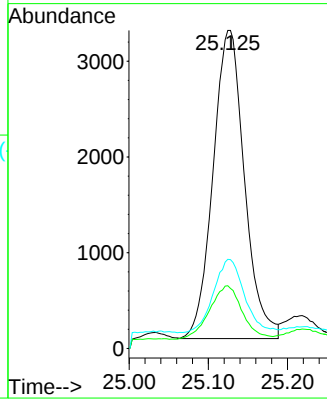
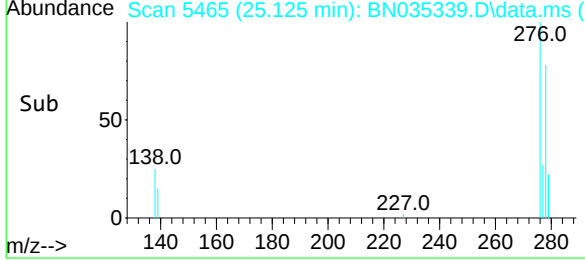
Instrument :
 BNA_N
 ClientSampleId :
 E2A12MS



Tgt Ion:	278	Resp:	8888
Ion Ratio	Lower	Upper	
278	100		
139	19.7	10.7	16.1#
279	28.0	22.8	34.2

Manual Integrations
 APPROVED

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



#29
 Benzo(g,h,i)perylene
 Concen: 0.545 ng/u1
 RT: 25.725 min Scan# 5644
 Delta R.T. -0.010 min
 Lab File: BN035339.D
 Acq: 27 Nov 2024 06:18

Tgt Ion:	276	Resp:	15557
Ion Ratio	Lower	Upper	
276	100		
138	22.0	13.0	19.6#
277	24.3	20.5	30.7

