

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
 Data File : BN033116.D
 Acq On : 30 Jul 2024 21:41
 Operator : MA/JU
 Sample : SP6575
 Misc : SFAM SIM SPIKE
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP6575

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/31/2024
 Supervised By :mohammad ahmed 07/31/2024

Quant Time: Jul 30 23:58:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 14:49:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.579	152	1134m	0.400	ng/ul	0.03
4) Naphthalene-d8	10.317	136	4798	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.161	164	3250	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	7477	0.400	ng/ul	0.00
17) Chrysene-d12	21.145	240	7178	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264	7904	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	0.000	152	0d	0.000	ng/ul	
18) Fluoranthene-d10	0.000	212	0d	0.000	ng/ul	
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.085	88	6295	3.849	ng/ul#	66
5) Naphthalene	10.366	128	9571	0.777	ng/ul	97
7) 2-Methylnaphthalene	12.005	142	6084	0.729	ng/ul	98
8) 1-Methylnaphthalene	12.198	142	7687	0.852	ng/ul	100
10) Acenaphthylene	13.889	152	10115	0.760	ng/ul	99
11) Acenaphthene	14.226	153	8469	0.846	ng/ul	99
12) Fluorene	15.244	166	9381	0.804	ng/ul	100
14) Pentachlorophenol	16.633	266	1566	1.029	ng/ul	99
15) Phenanthrene	16.983	178	14714	0.734	ng/ul	99
16) Anthracene	17.089	178	12737	0.706	ng/ul	99
19) Fluoranthene	19.009	202	18825	0.797	ng/ul	99
20) Pyrene	19.372	202	20040	0.791	ng/ul	99
21) Benzo(a)anthracene	21.133	228	16757	0.684	ng/ul	98
22) Chrysene	21.186	228	22356	0.782	ng/ul	99
24) Benzo(b)fluoranthene	22.676	252	17986	0.779	ng/ul	87
25) Benzo(k)fluoranthene	22.720	252	22828	0.825	ng/ul#	86
26) Benzo(a)pyrene	23.246	252	18056	0.831	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.540	276	23599	0.714	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.533	278	18350	0.701	ng/ul#	91
29) Benzo(g,h,i)perylene	26.214	276	19068	0.726	ng/ul	93

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

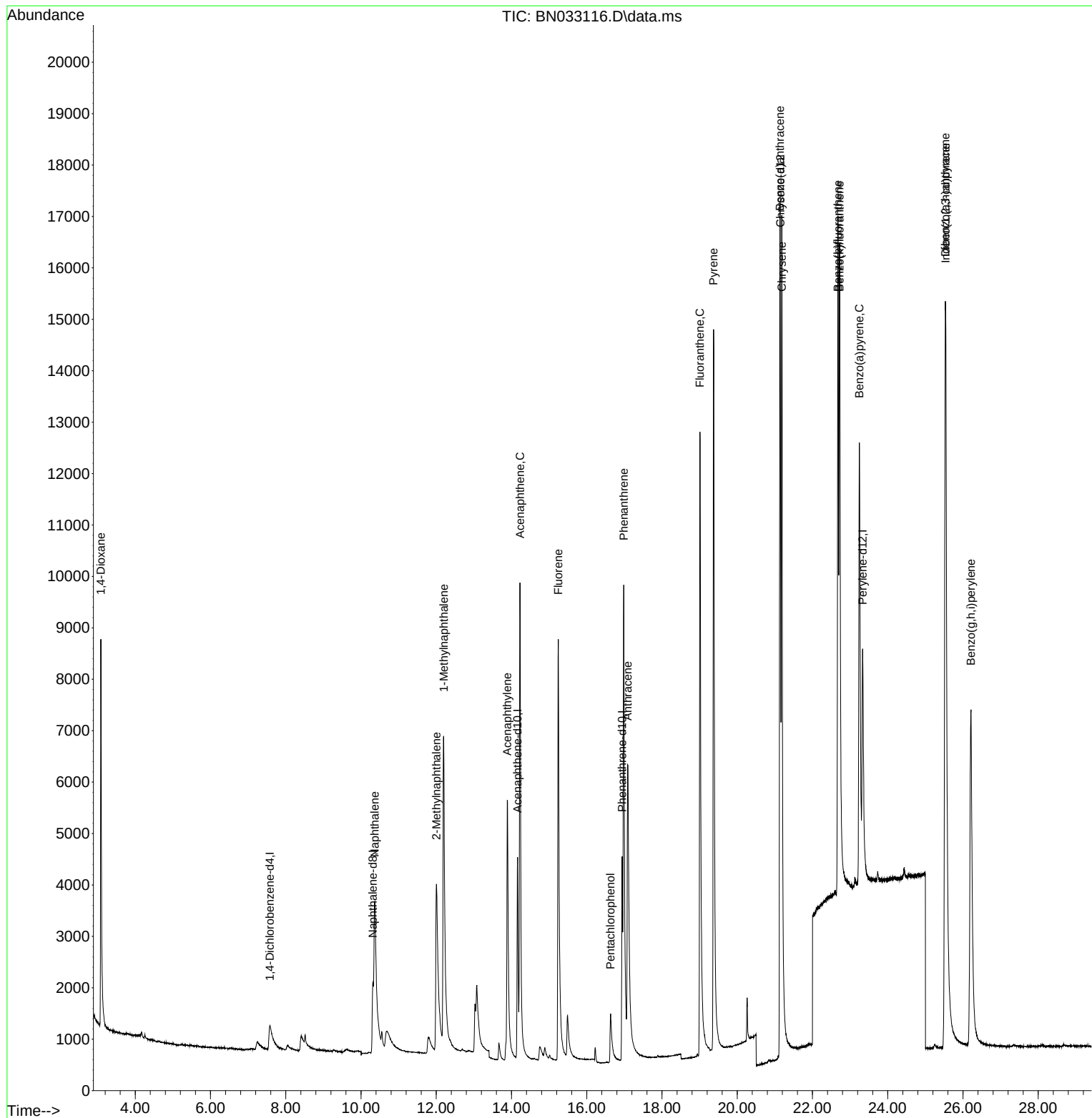
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073024\
Data File : BN033116.D
Acq On : 30 Jul 2024 21:41
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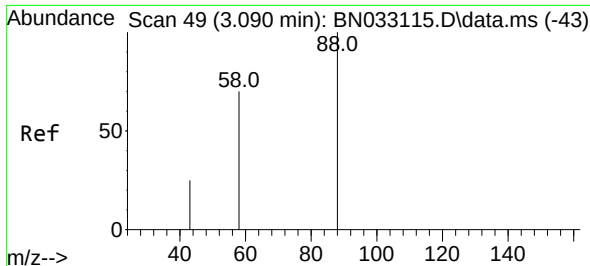
Instrument :
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Supervised By :mohammad ahmed 07/31/2024

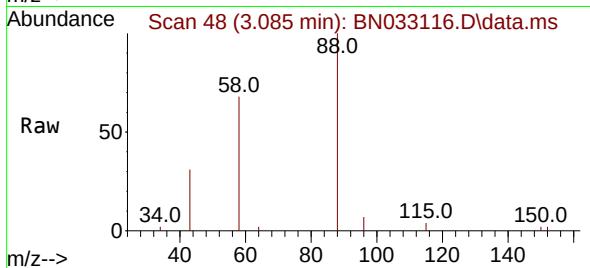
Quant Time: Jul 30 23:58:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 14:49:49 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 3.849 ng/ul
RT: 3.085 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

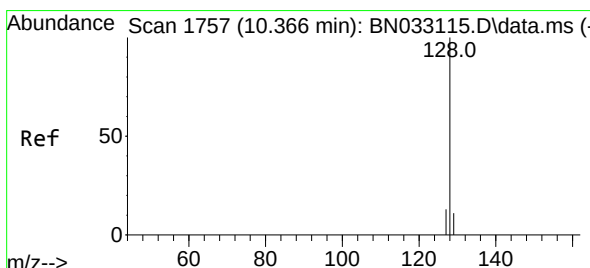
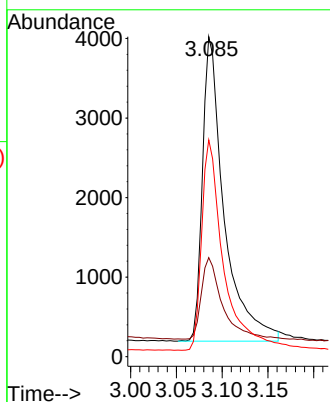
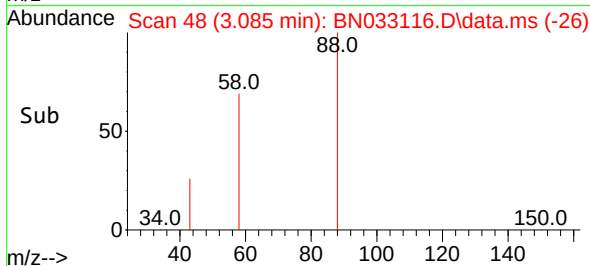
Instrument :
BNA_N
ClientSampleId :
SP6575



Tgt Ion: 88 Resp: 6295
Ion Ratio Lower Upper
88 100
43 30.9 63.4 95.2
58 67.8 49.4 74.0

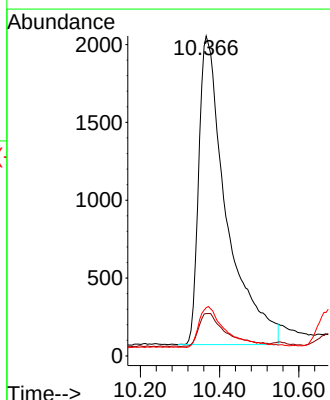
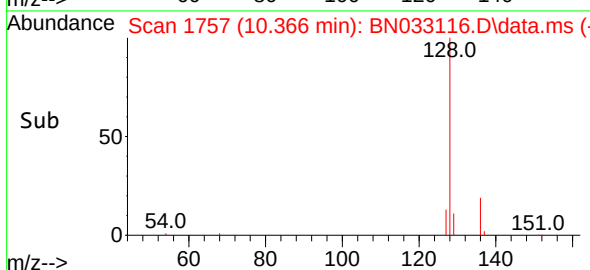
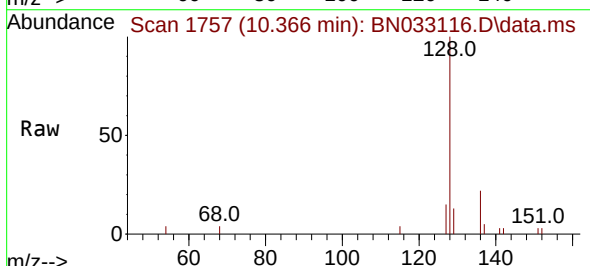
Manual Integrations
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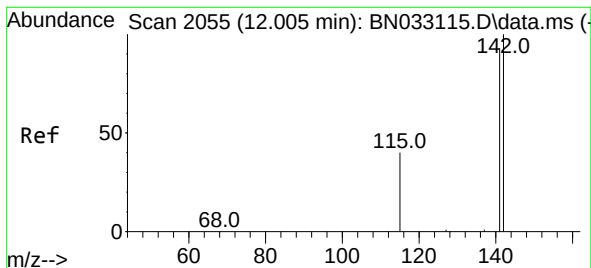
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#5
Naphthalene
Concen: 0.777 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. -0.011 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

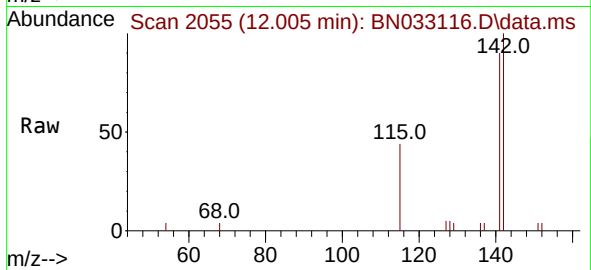
Tgt Ion:128 Resp: 9571
Ion Ratio Lower Upper
128 100
129 13.2 12.0 18.0
127 15.1 12.7 19.1





#7
2-Methylnaphthalene
Concen: 0.729 ng/ul
RT: 12.005 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

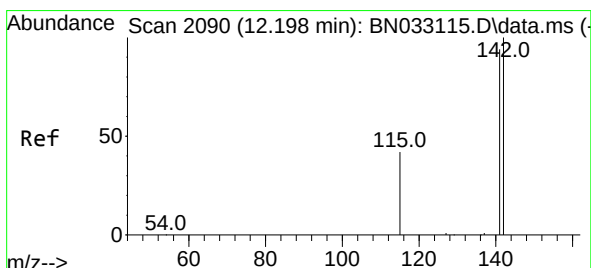
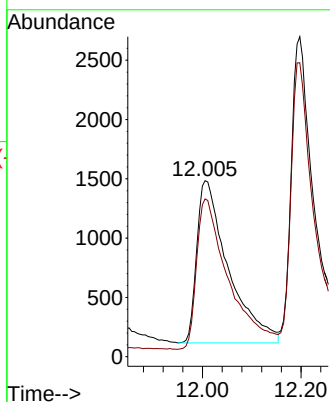
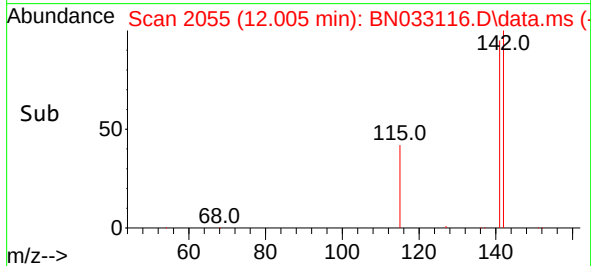
Instrument :
BNA_N
ClientSampleId :
SP6575



Tgt Ion:142 Resp: 6084
Ion Ratio Lower Upper
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141 95.8 75.2 112.8

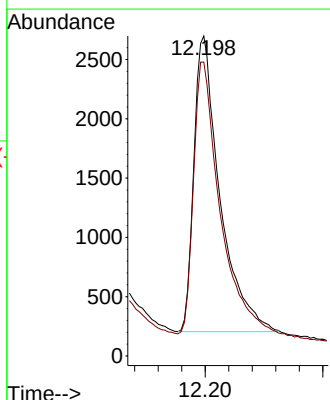
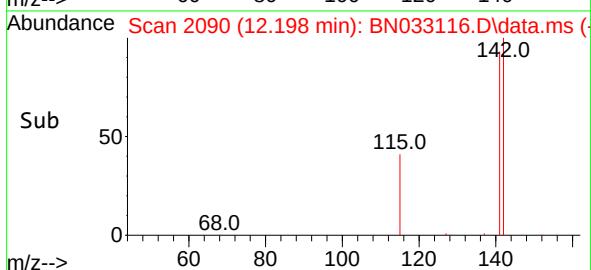
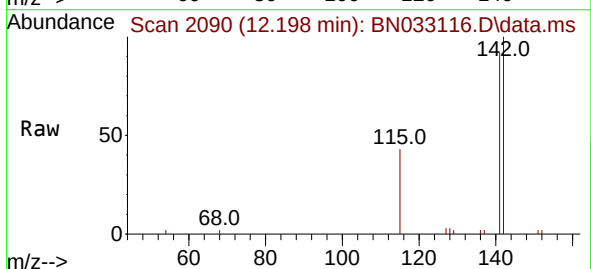
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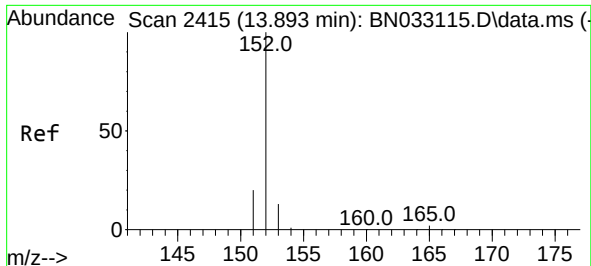
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#8
1-Methylnaphthalene
Concen: 0.852 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

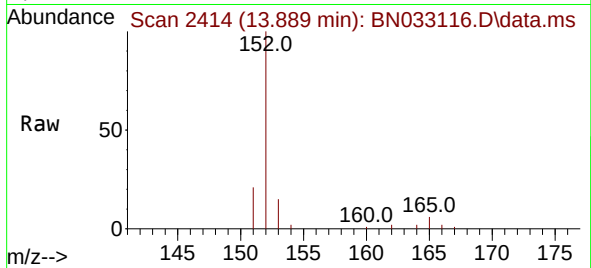
Tgt Ion:142 Resp: 7687
Ion Ratio Lower Upper
142 100
141 93.1 74.3 111.5





#10
Acenaphthylene
Concen: 0.760 ng/ul
RT: 13.889 min Scan# 2414
Delta R.T. -0.009 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

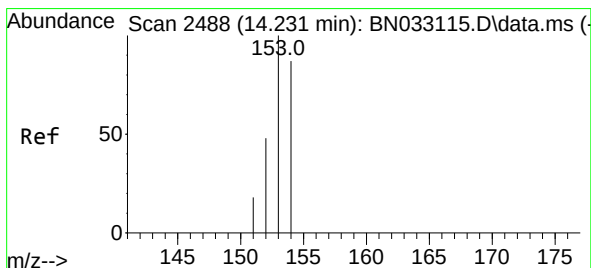
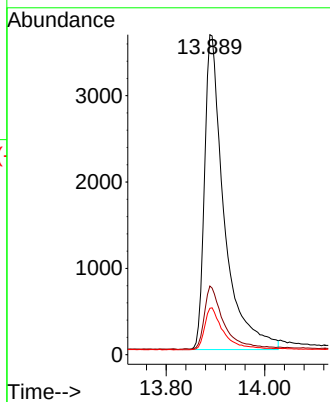
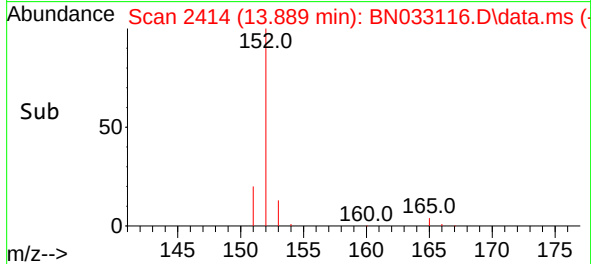
Instrument :
BNA_N
ClientSampleId :
SP6575



Tgt Ion:152 Resp: 1011
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2
153 14.5 11.9 17.9

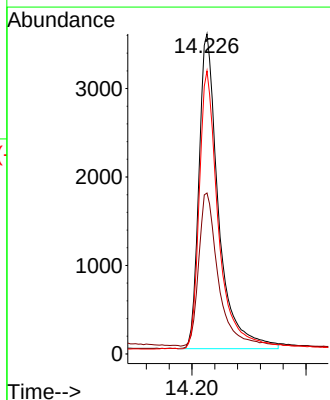
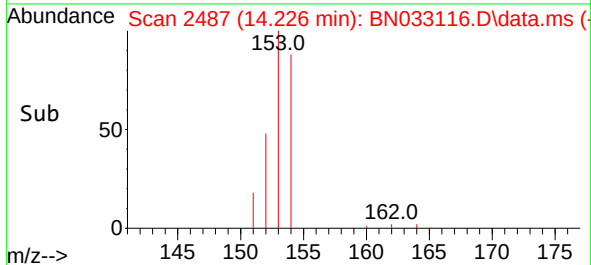
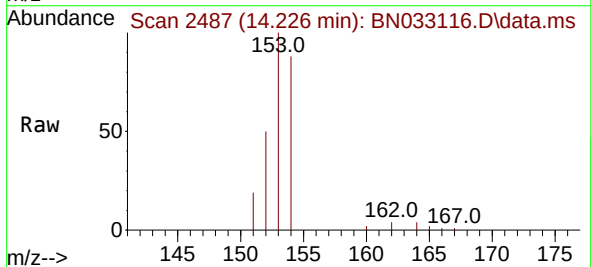
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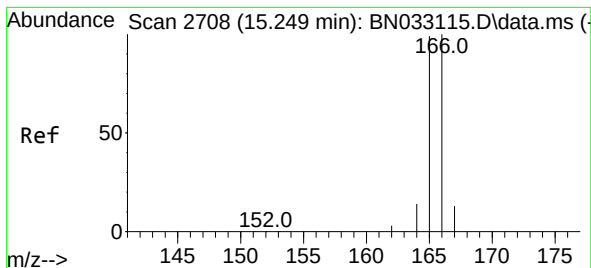
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#11
Acenaphthene
Concen: 0.846 ng/ul
RT: 14.226 min Scan# 2487
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion:153 Resp: 8469
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 88.4 70.1 105.1





#12

Fluorene

Concen: 0.804 ng/ul

RT: 15.244 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

Instrument :

BNA_N

ClientSampleId :

SP6575

Tgt Ion:166 Resp: 938

Ion Ratio Lower Upper

166 100

165 99.8 79.6 119.4

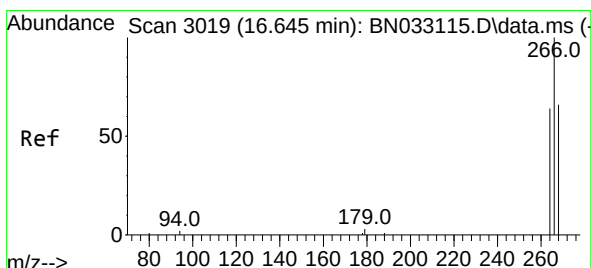
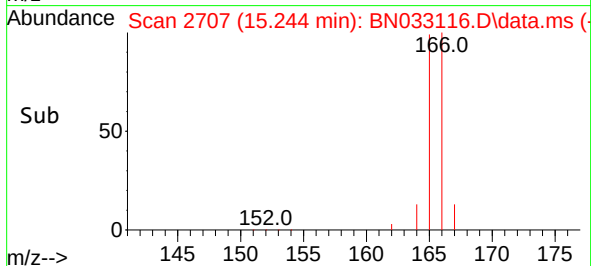
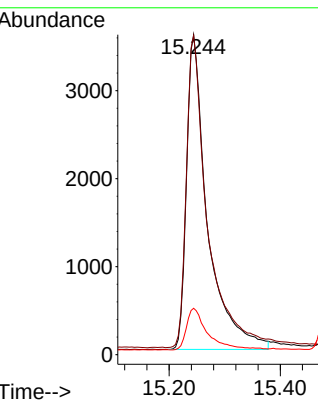
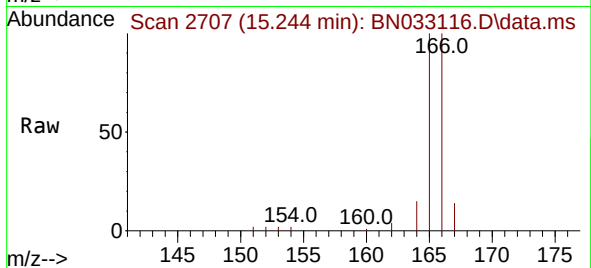
167 14.5 12.2 18.4

Manual Integrations

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Reviewed By :Yogesh Patel 07/31/2024

Supervised By :mohammad ahmed 07/31/2024



#14

Pentachlorophenol

Concen: 1.029 ng/ul

RT: 16.633 min Scan# 3016

Delta R.T. -0.008 min

Lab File: BN033116.D

Acq: 30 Jul 2024 21:41

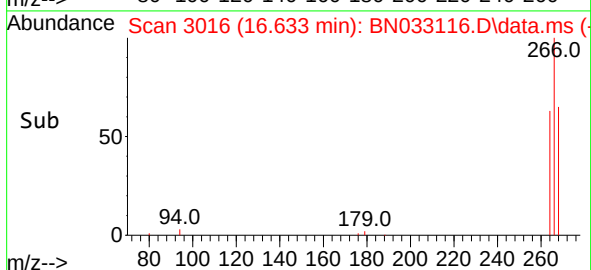
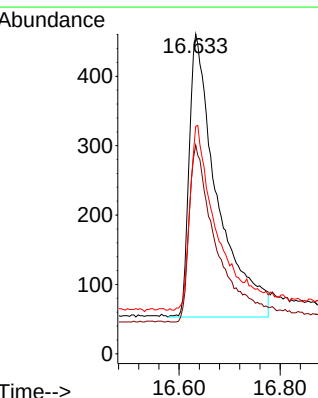
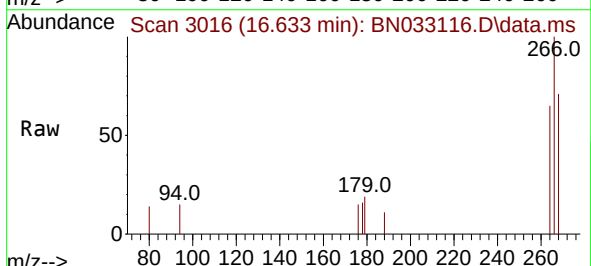
Tgt Ion:266 Resp: 1566

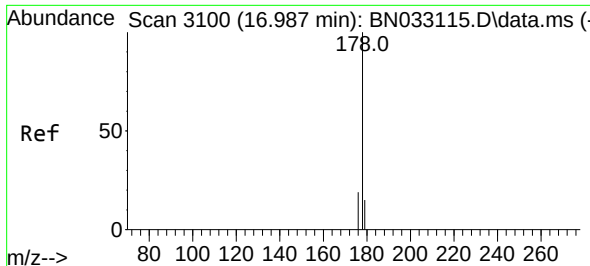
Ion Ratio Lower Upper

266 100

264 61.6 49.3 73.9

268 63.6 51.8 77.8





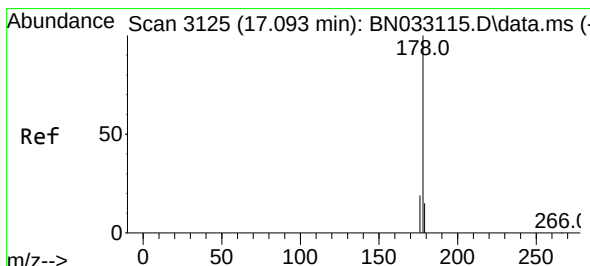
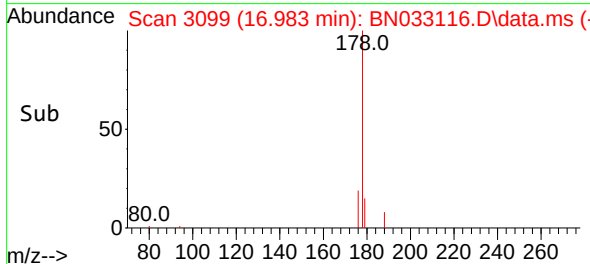
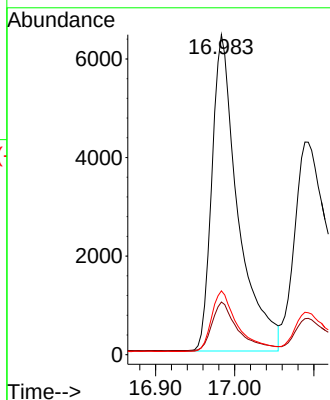
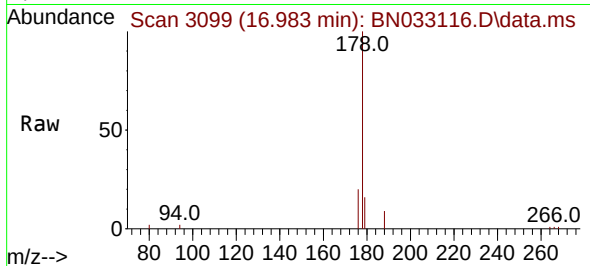
#15
Phenanthrene
Concen: 0.734 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Instrument :
BNA_N
ClientSampleId :
SP6575

Tgt Ion:178 Resp: 14714
Ion Ratio Lower Upper
178 100
179 16.4 13.7 20.5
176 19.9 15.9 23.9

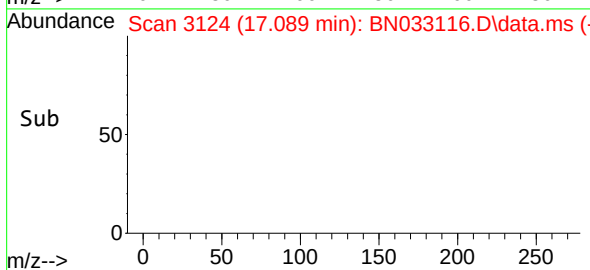
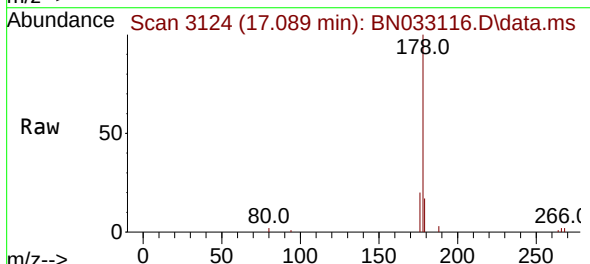
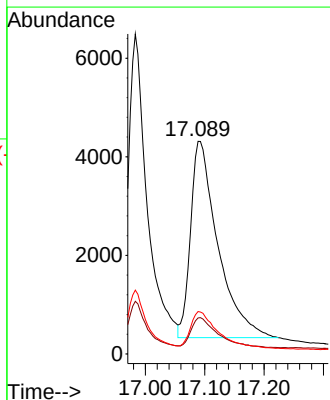
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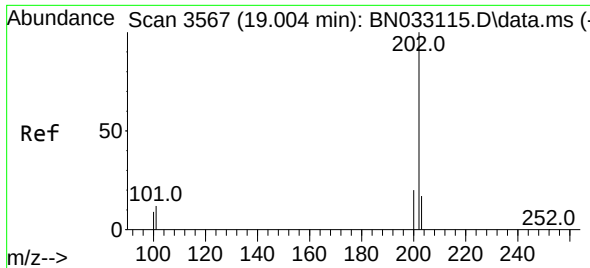
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#16
Anthracene
Concen: 0.706 ng/ul
RT: 17.089 min Scan# 3124
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

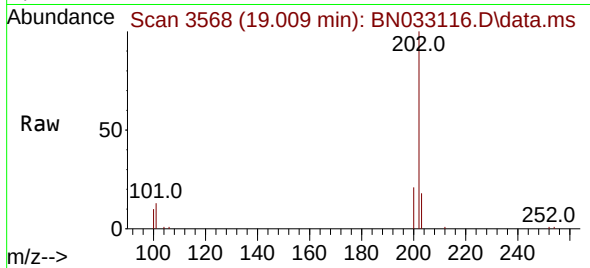
Tgt Ion:178 Resp: 12737
Ion Ratio Lower Upper
178 100
179 16.9 14.3 21.5
176 19.9 15.8 23.8





#19
Fluoranthene
Concen: 0.797 ng/ul
RT: 19.009 min Scan# 3567
Delta R.T. 0.005 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

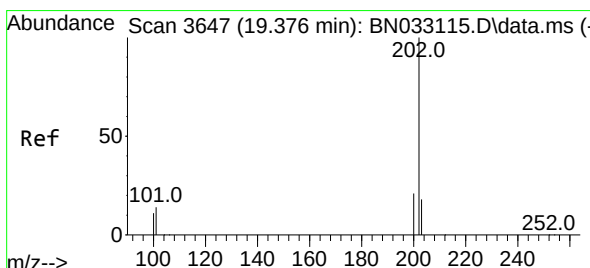
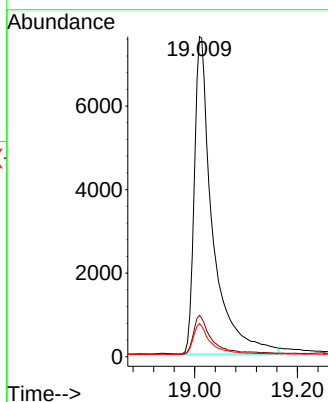
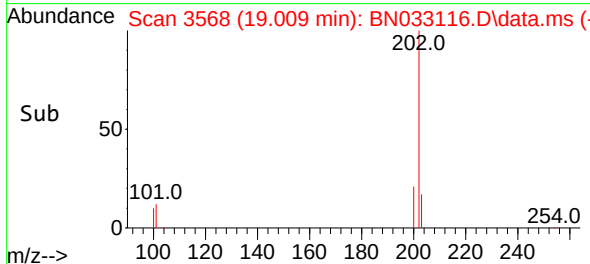
Instrument :
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SP6575



Tgt Ion:202 Resp: 1882
Ion Ratio Lower Upper
202 100
101 12.9 10.7 16.1
100 10.3 8.3 12.5

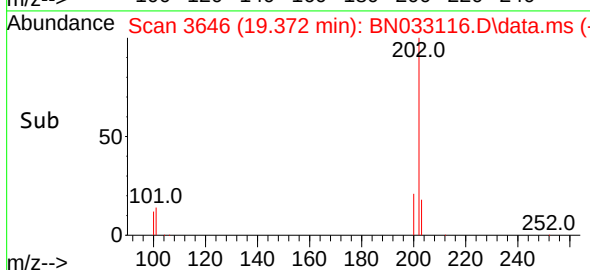
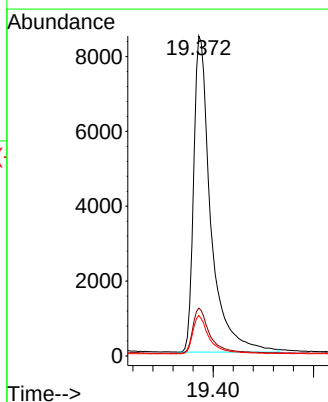
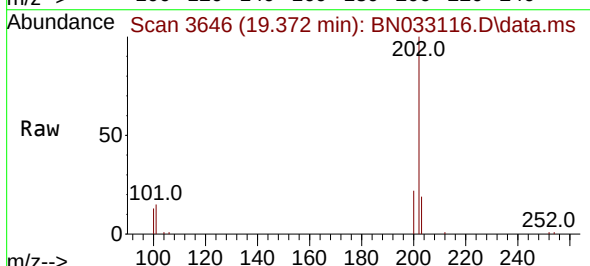
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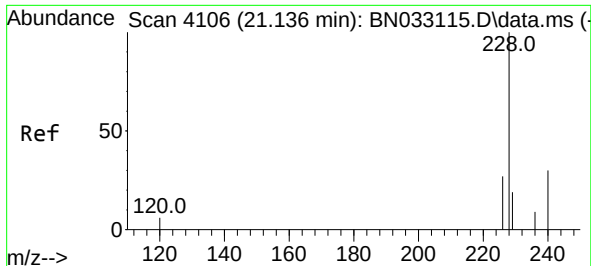
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#20
Pyrene
Concen: 0.791 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

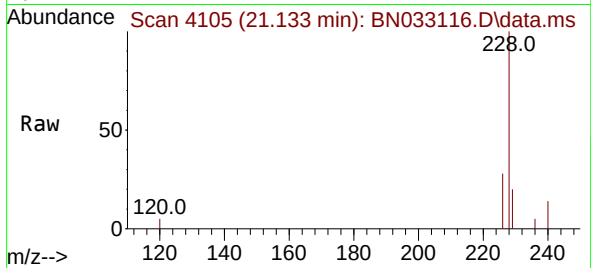
Tgt Ion:202 Resp: 20040
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.6 9.9 14.9





#21
Benzo(a)anthracene
Concen: 0.684 ng/ul
RT: 21.133 min Scan# 4105
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

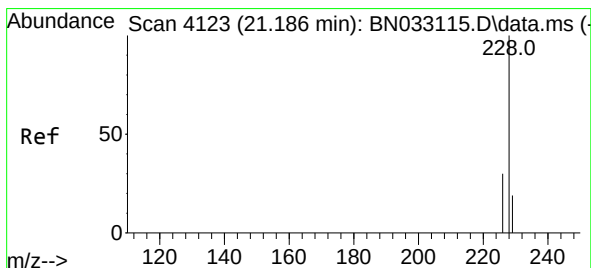
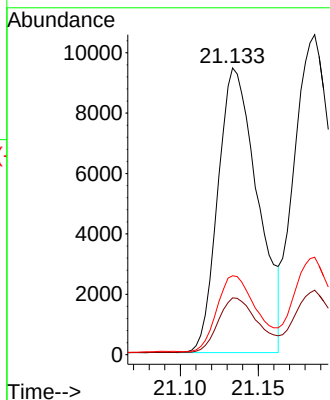
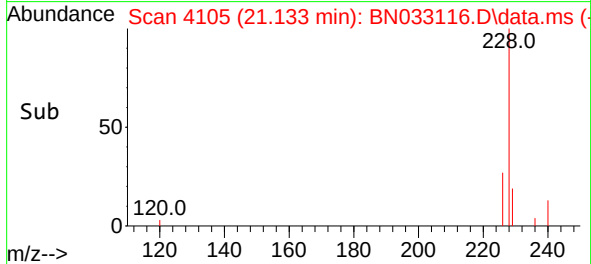
Instrument :
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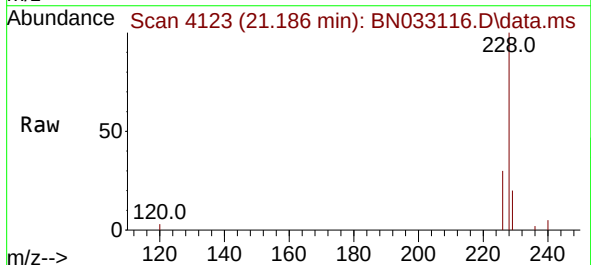
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Ion Ratio Lower Upper
228 100
229 19.8 17.1 25.7
226 27.5 22.4 33.6

Manual Integrations
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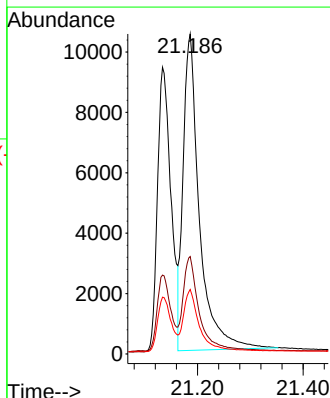
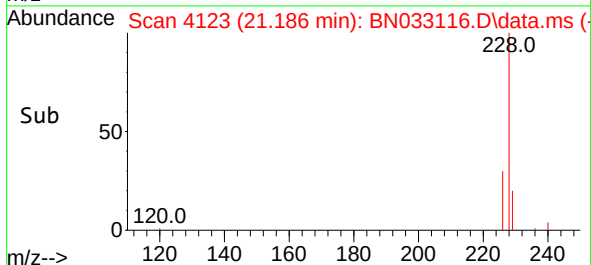
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024

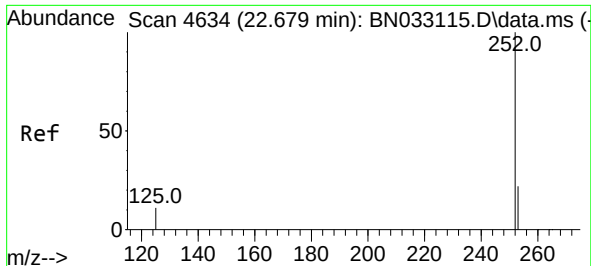


#22
Chrysene
Concen: 0.782 ng/ul
RT: 21.186 min Scan# 4123
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41



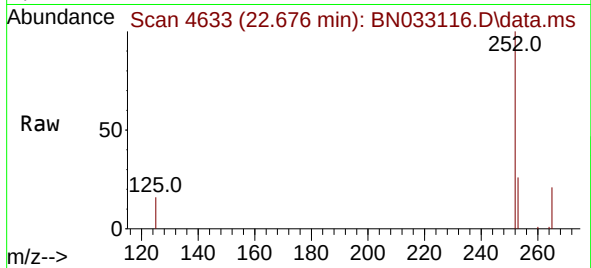
Tgt Ion:228 Resp: 22356
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 20.2 17.0 25.6





#24
Benzo(b)fluoranthene
Concen: 0.779 ng/ul
RT: 22.676 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

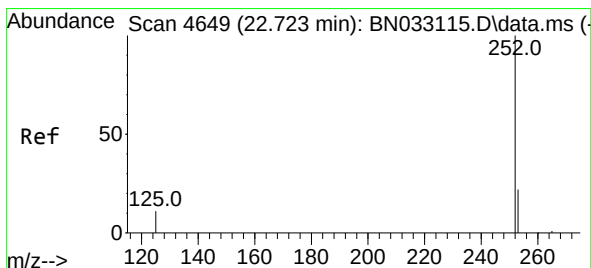
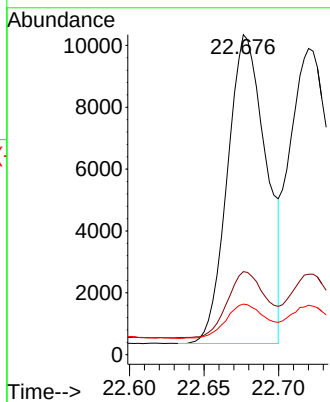
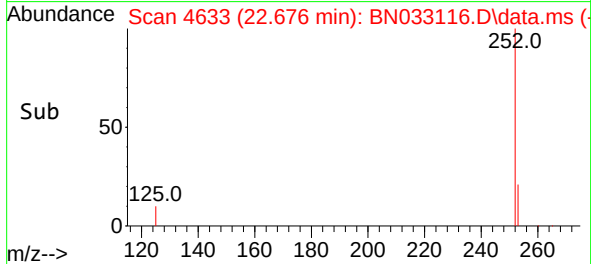
Instrument :
BNA_N
ClientSampleId :
SP6575



Tgt Ion:252 Resp: 17980
Ion Ratio Lower Upper
252 100
253 25.9 0.0 60.6
125 15.8 0.0 51.0

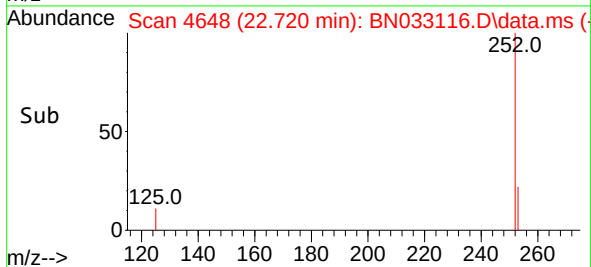
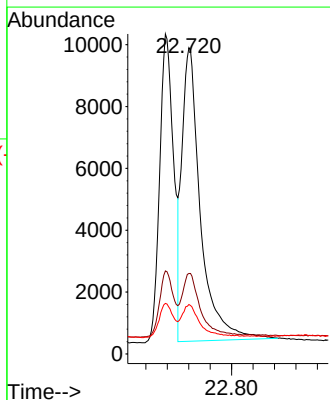
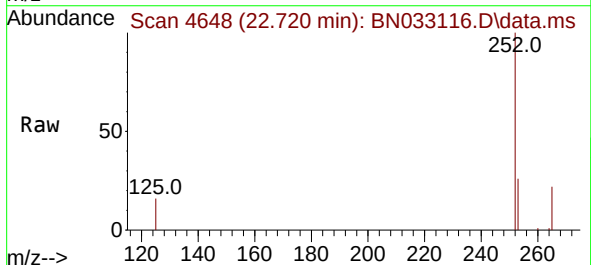
Manual Integrations
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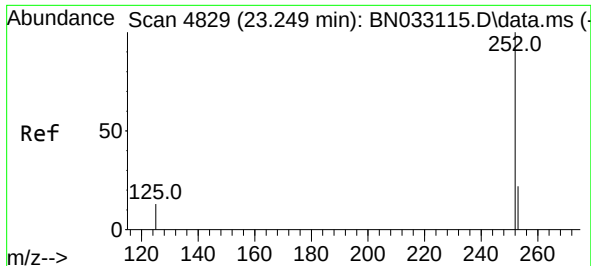
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#25
Benzo(k)fluoranthene
Concen: 0.825 ng/ul
RT: 22.720 min Scan# 4648
Delta R.T. -0.006 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

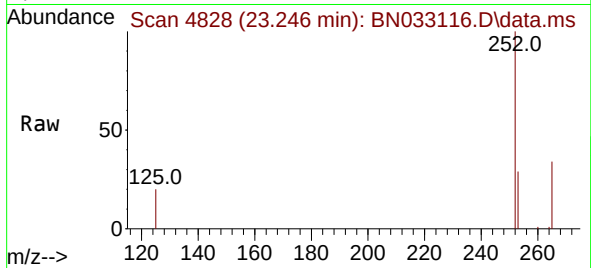
Tgt Ion:252 Resp: 22828
Ion Ratio Lower Upper
252 100
253 26.3 24.9 37.3
125 16.1 20.9 31.3#





#26
Benzo(a)pyrene
Concen: 0.831 ng/ul
RT: 23.246 min Scan# 4828
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

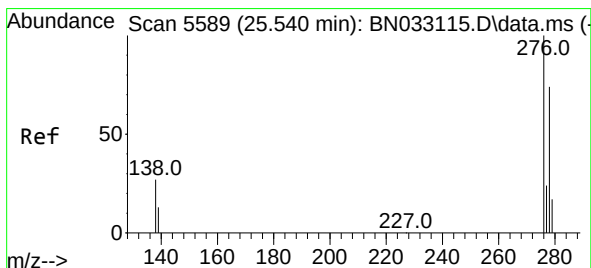
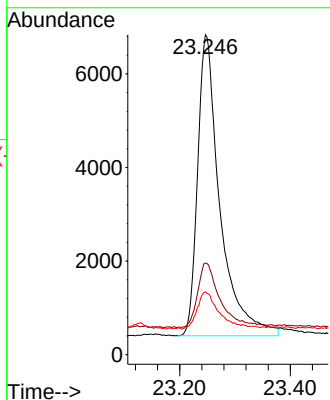
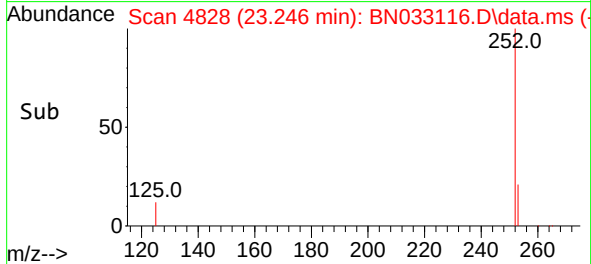
Instrument :
BNA_N
ClientSampleId :
SP6575



Tgt Ion:252 Resp: 18050
Ion Ratio Lower Upper
252 100
253 28.6 27.5 41.3
125 19.6 27.0 40.6

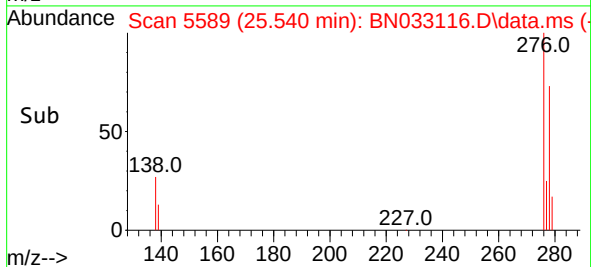
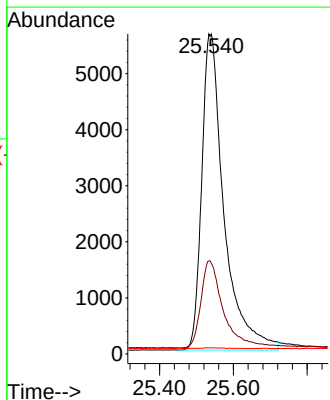
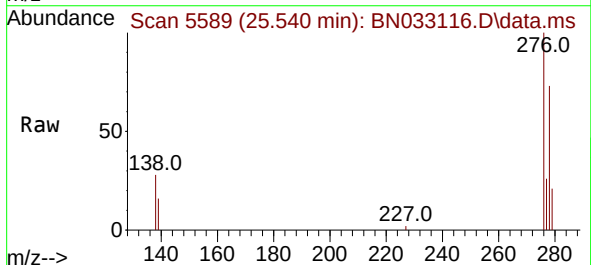
Manual Integrations
APPROVED

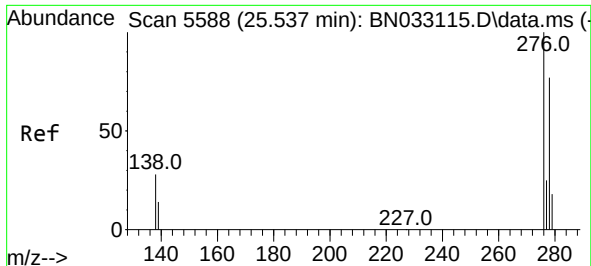
Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.714 ng/ul
RT: 25.540 min Scan# 5589
Delta R.T. 0.000 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

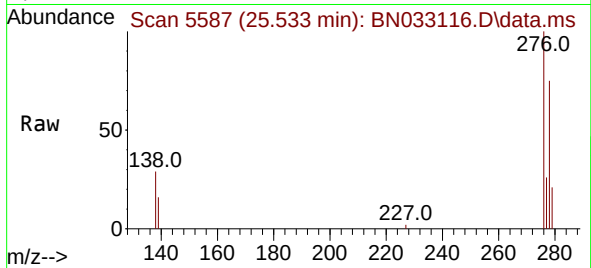
Tgt Ion:276 Resp: 23599
Ion Ratio Lower Upper
276 100
138 28.1 21.8 32.8
227 0.1 0.2 0.2





#28
Dibenzo(a,h)anthracene
Concen: 0.701 ng/ul
RT: 25.533 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

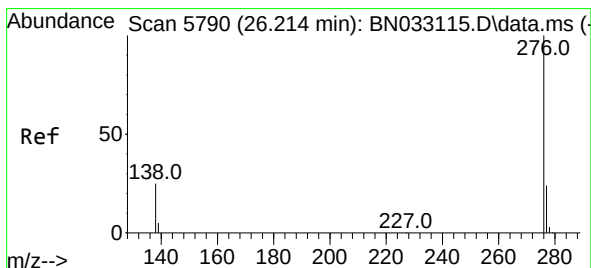
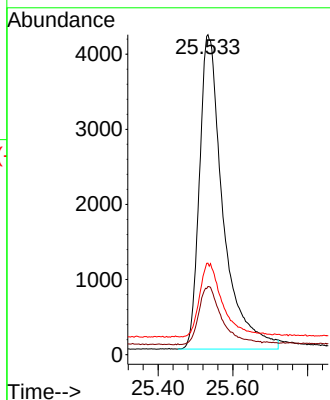
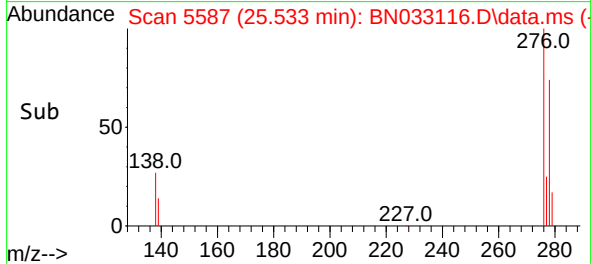
Instrument :
BNA_N
ClientSampleId :
SP6575



Tgt Ion:278 Resp: 18350
Ion Ratio Lower Upper
278 100
139 21.3 22.5 33.7
279 28.6 25.5 38.3

Manual Integrations
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Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 07/31/2024



#29
Benzo(g,h,i)perylene
Concen: 0.726 ng/ul
RT: 26.214 min Scan# 5790
Delta R.T. -0.003 min
Lab File: BN033116.D
Acq: 30 Jul 2024 21:41

Tgt Ion:276 Resp: 19068
Ion Ratio Lower Upper
276 100
138 25.6 24.6 37.0
277 25.5 22.6 34.0

