

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035018.D
 Acq On : 11 Nov 2024 23:02
 Operator : RC/JU
 Sample : P4636-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/12/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 11 23:28:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 09 00:09:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	3211	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.328	136	8049	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.199	164	5274	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.945	188	10852	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240	10161	0.400	ng/ul	# 0.00
23) Perylene-d12	23.305	264	12077	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	4642	1.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.923	152	1389	0.113	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	3492	0.134	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.372	128	2726	0.135	ng/ul	97
7) 2-Methylnaphthalene	11.994	142	1290	0.086	ng/ul	98
8) 1-Methylnaphthalene	12.220	142	1154	0.076	ng/ul	100
10) Acenaphthylene	13.916	152	948	0.044	ng/ul#	76
12) Fluorene	15.253	166	672	0.032	ng/ul#	85
14) Pentachlorophenol	16.599	266	62	0.025	ng/ul	89
15) Phenanthrene	16.988	178	33034	1.139	ng/ul	99
16) Anthracene	17.076	178	1171	0.043	ng/ul#	80
19) Fluoranthene	19.009	202	28320	0.834	ng/ul#	97
20) Pyrene	19.372	202	17795	0.505	ng/ul#	95
21) Benzo(a)anthracene	21.125	228	4570	0.124	ng/ul#	81
22) Chrysene	21.175	228	13722	0.365	ng/ul#	93
24) Benzo(b)fluoranthene	22.662	252	16058m	0.378	ng/ul	
25) Benzo(k)fluoranthene	22.697	252	5621m	0.126	ng/ul	
26) Benzo(a)pyrene	23.212	252	3397	0.090	ng/ul#	35
27) Indeno(1,2,3-cd)pyrene	25.457	276	4969	0.107	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.463	278	2033	0.056	ng/ul#	14
29) Benzo(g,h,i)perylene	26.111	276	845	0.024	ng/ul#	9

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

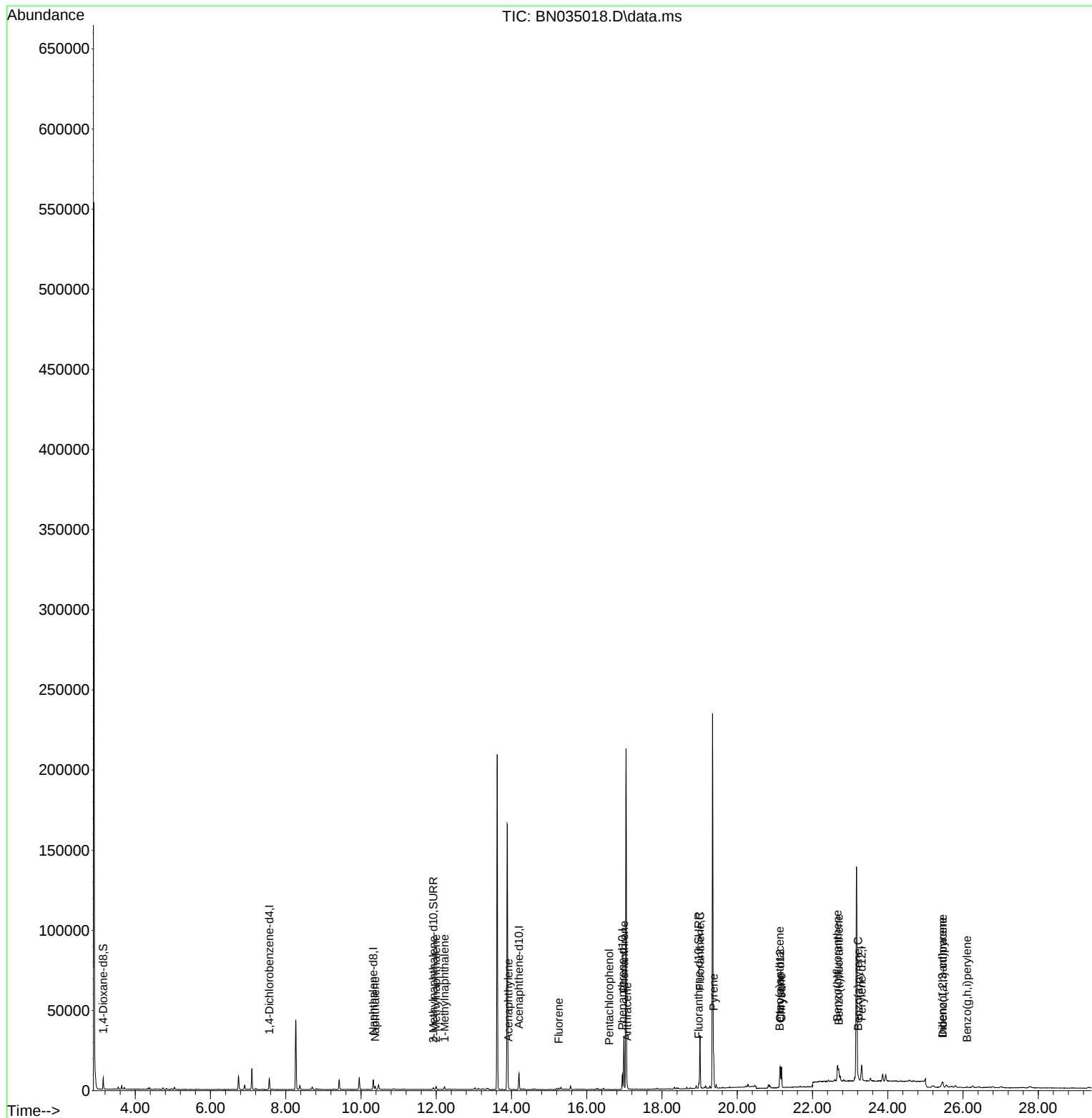
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035018.D
Acq On : 11 Nov 2024 23:02
Operator : RC/JU
Sample : P4636-09
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ALS Vial : 28 Sample Multiplier: 1

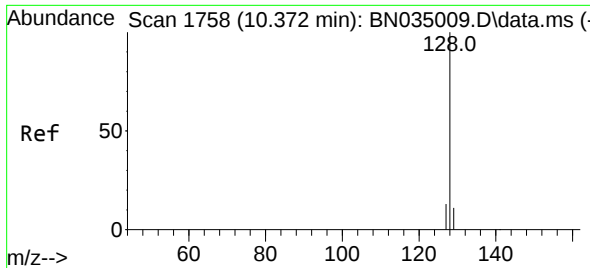
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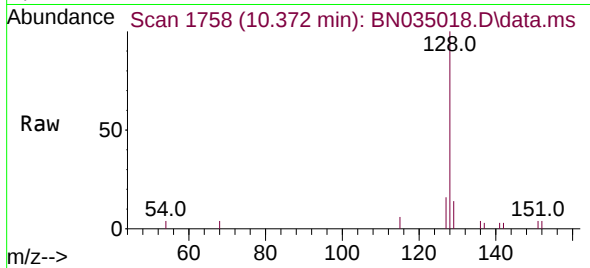
Quant Time: Nov 11 23:28:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.135 ng/ul
RT: 10.372 min Scan# 1758
Delta R.T. -0.016 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

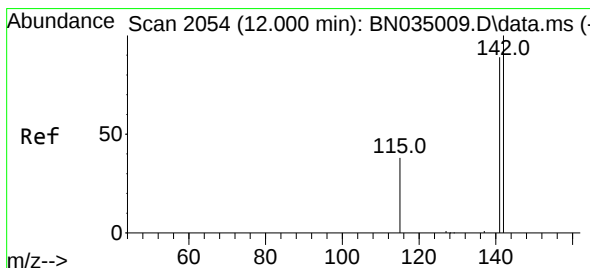
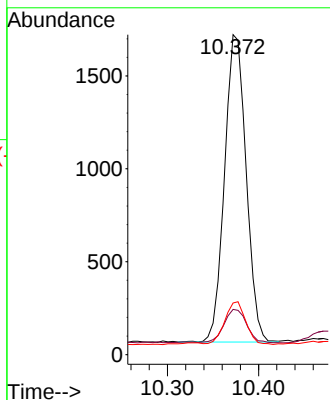
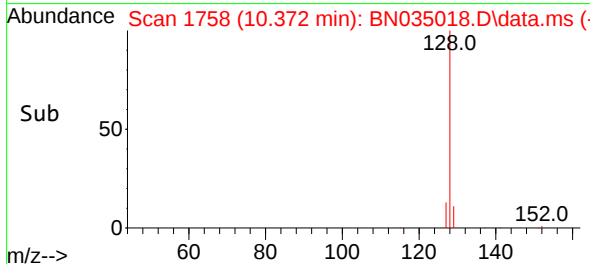
Instrument :
BNA_N
ClientSampleId :
CC0Q0



Tgt Ion:128 Resp: 2720
Ion Ratio Lower Upper
128 100
129 14.1 10.1 15.1
127 16.1 12.1 18.1

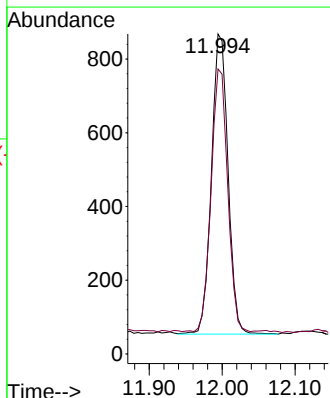
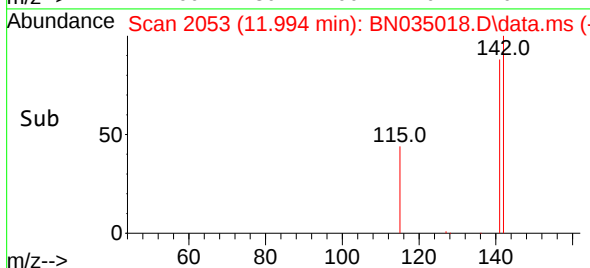
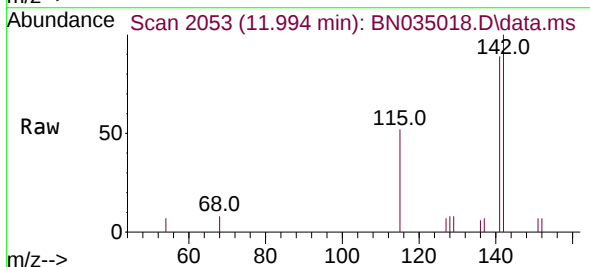
Manual Integrations
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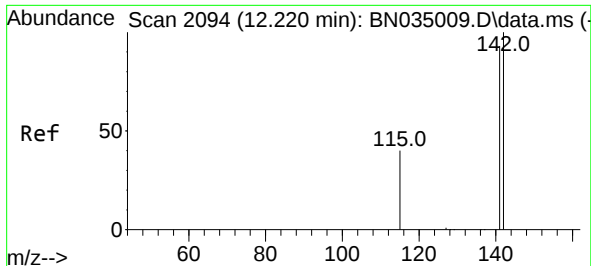
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#7
2-Methylnaphthalene
Concen: 0.086 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. -0.016 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

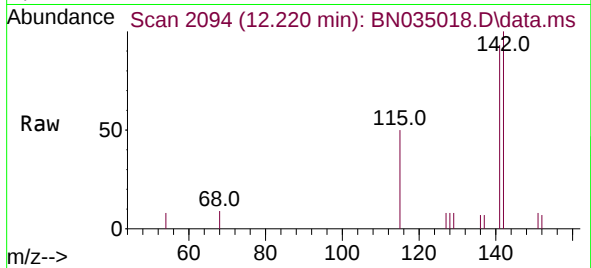
Tgt Ion:142 Resp: 1290
Ion Ratio Lower Upper
142 100
141 86.7 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.076 ng/ul
RT: 12.220 min Scan# 2094
Delta R.T. -0.011 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

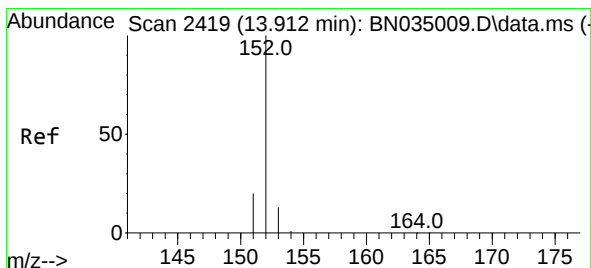
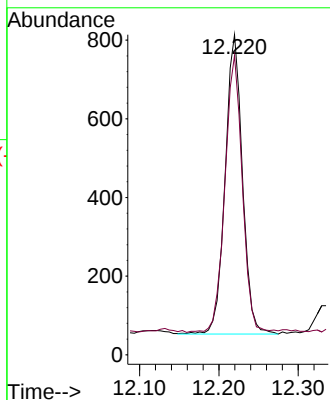
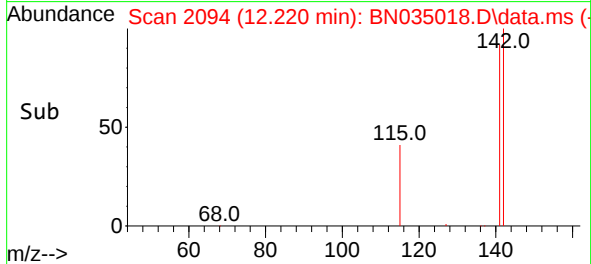
Instrument :
BNA_N
ClientSampleId :
CC0Q0



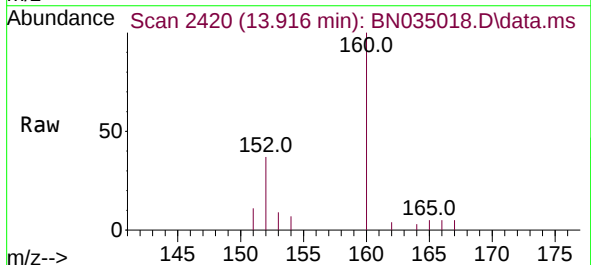
Tgt Ion:142 Resp: 1154
Ion Ratio Lower Upper
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141 93.2 74.6 111.8

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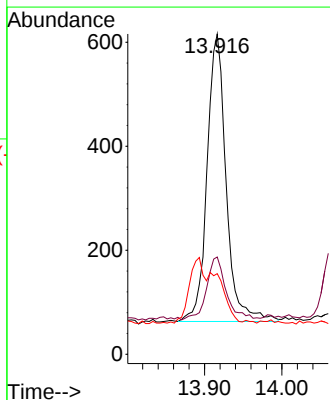
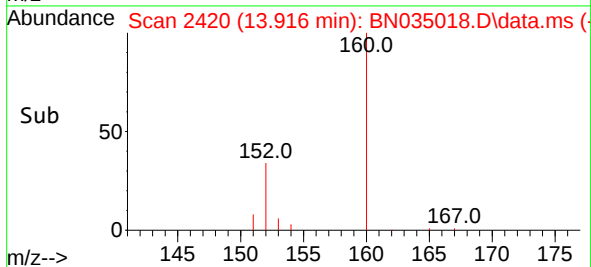
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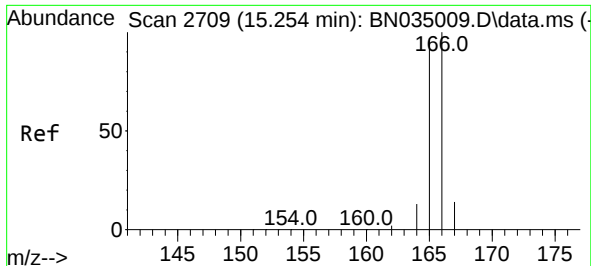


#10
Acenaphthylene
Concen: 0.044 ng/ul
RT: 13.916 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02



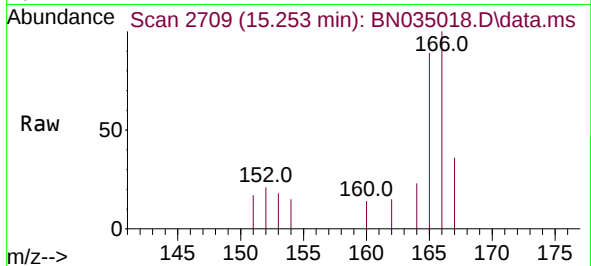
Tgt Ion:152 Resp: 948
Ion Ratio Lower Upper
152 100
151 30.4 16.6 24.8#
153 25.2 11.0 16.6#





#12
Fluorene
Concen: 0.032 ng/ul
RT: 15.253 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

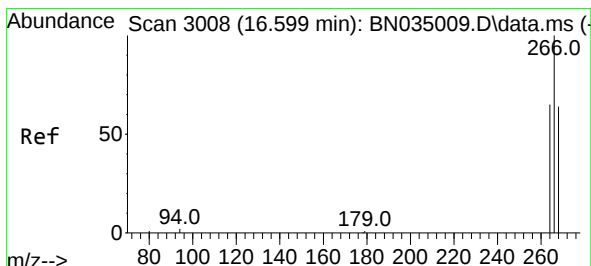
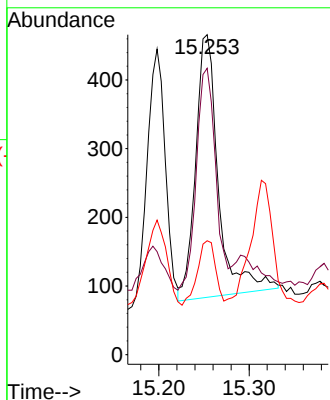
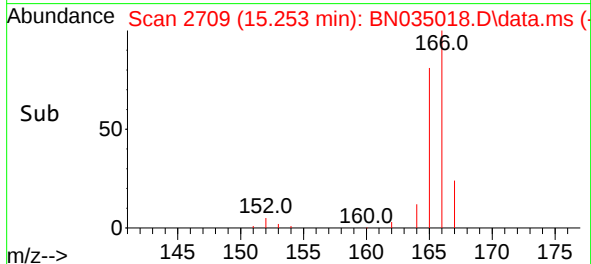
Instrument :
BNA_N
ClientSampleId :
CC0Q0



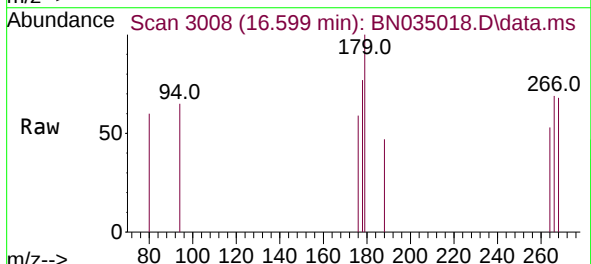
Tgt Ion:166 Resp: 672
Ion Ratio Lower Upper
166 100
165 89.5 79.0 118.4
167 35.6 11.8 17.6

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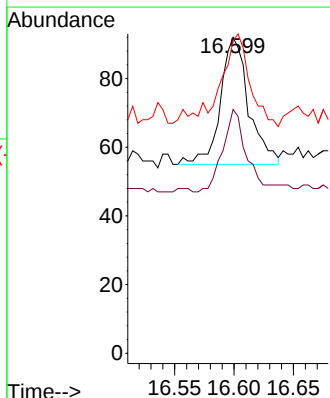
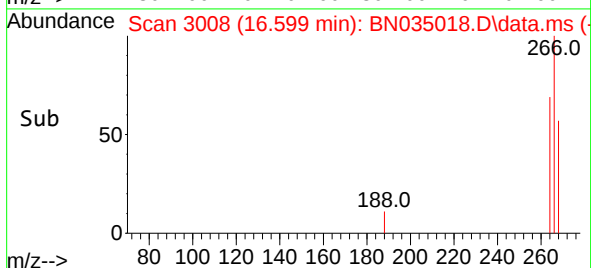
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024

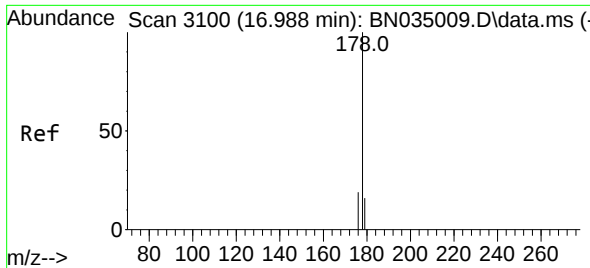


#14
Pentachlorophenol
Concen: 0.025 ng/ul
RT: 16.599 min Scan# 3008
Delta R.T. -0.008 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02



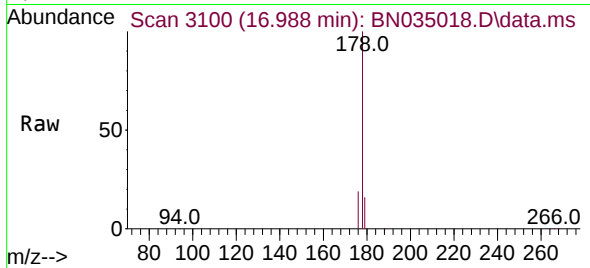
Tgt Ion:266 Resp: 62
Ion Ratio Lower Upper
266 100
264 56.5 50.2 75.2
268 71.0 48.4 72.6





#15
Phenanthrene
Concen: 1.139 ng/ul
RT: 16.988 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

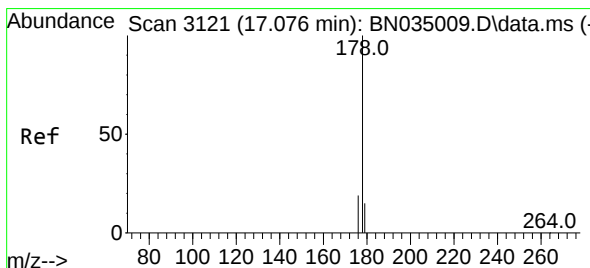
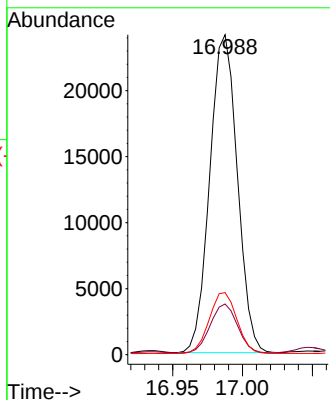
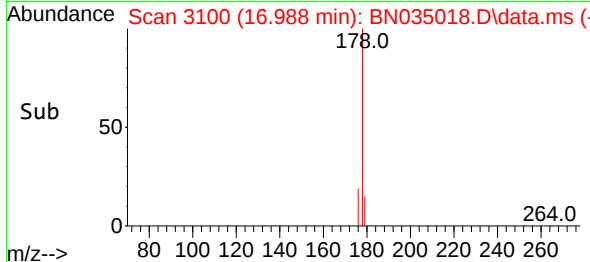
Instrument :
BNA_N
ClientSampleId :
CC0Q0



Tgt Ion:178 Resp: 33034
Ion Ratio Lower Upper
178 100
179 15.8 13.4 20.2
176 19.4 15.8 23.6

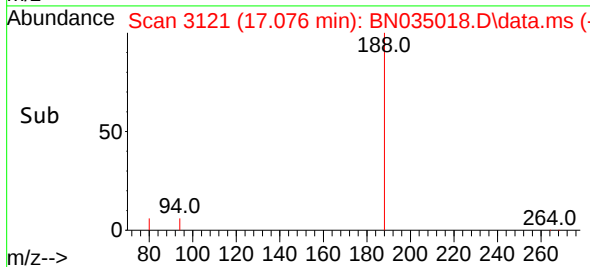
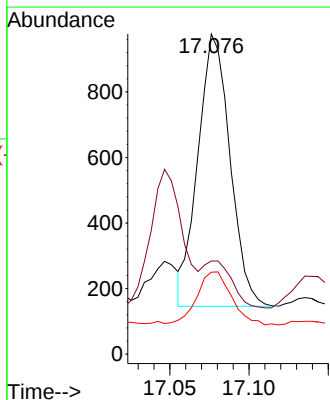
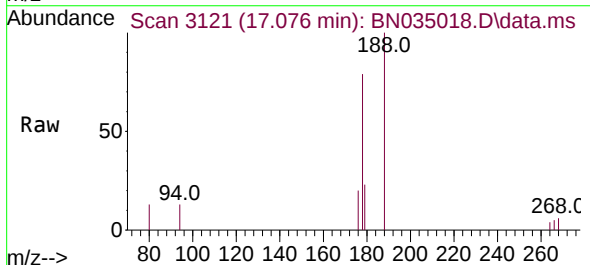
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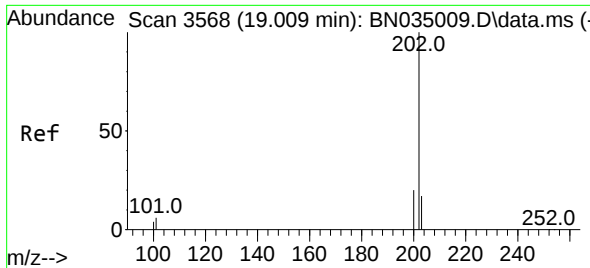
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.076 min Scan# 3121
Delta R.T. -0.008 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

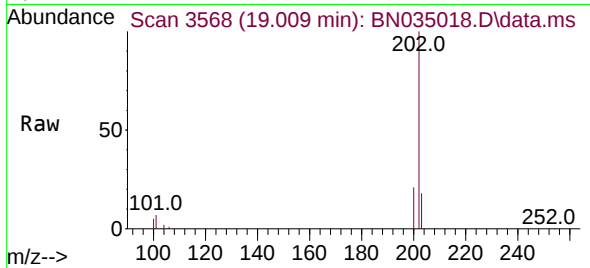
Tgt Ion:178 Resp: 1171
Ion Ratio Lower Upper
178 100
179 29.1 13.3 19.9#
176 25.6 15.8 23.8#





#19
Fluoranthene
Concen: 0.834 ng/u1
RT: 19.009 min Scan# 3568
Delta R.T. -0.009 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

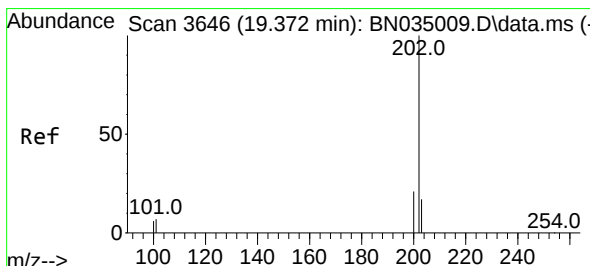
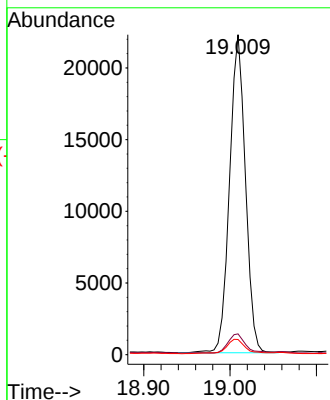
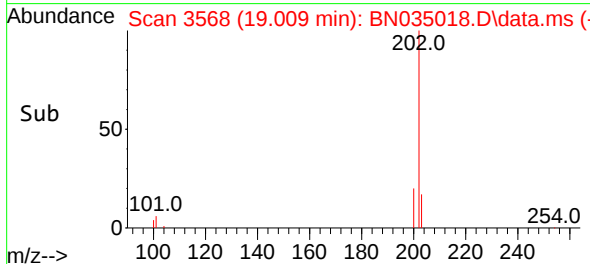
Instrument :
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ClientSampleId :
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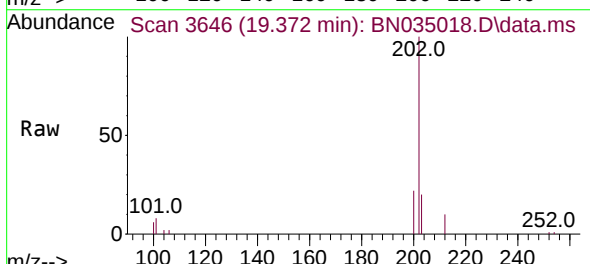
Tgt Ion:202 Resp: 28320
Ion Ratio Lower Upper
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101 6.5 4.2 6.2#
100 4.7 3.2 4.8#

Manual Integrations
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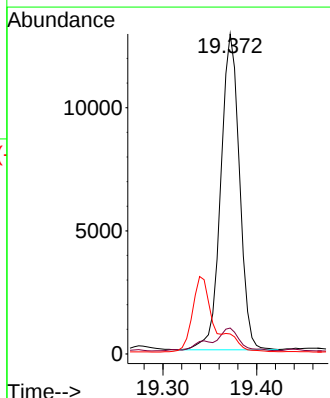
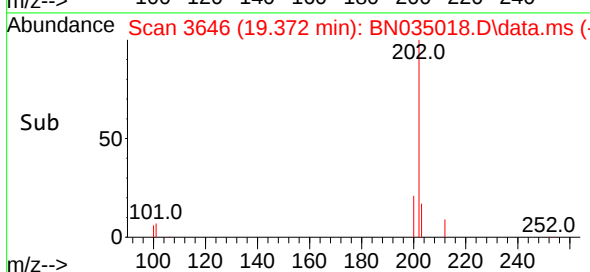
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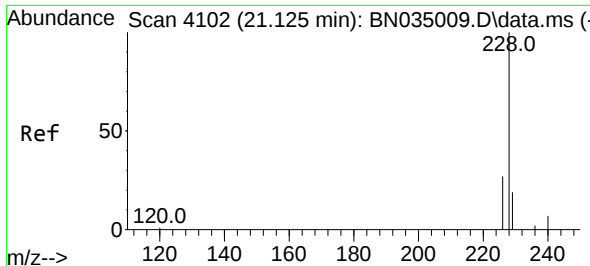


#20
Pyrene
Concen: 0.505 ng/u1
RT: 19.372 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02



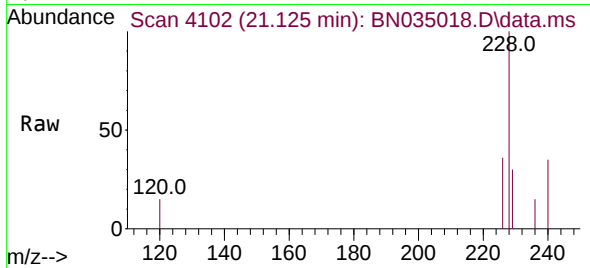
Tgt Ion:202 Resp: 17795
Ion Ratio Lower Upper
202 100
101 8.1 5.0 7.4#
100 6.2 4.1 6.1#





#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 21.125 min Scan# 4119
Delta R.T. -0.006 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

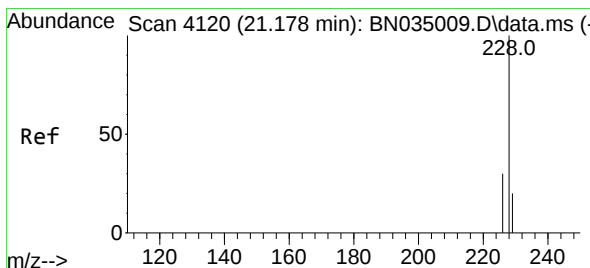
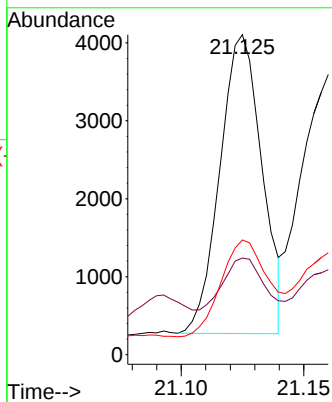
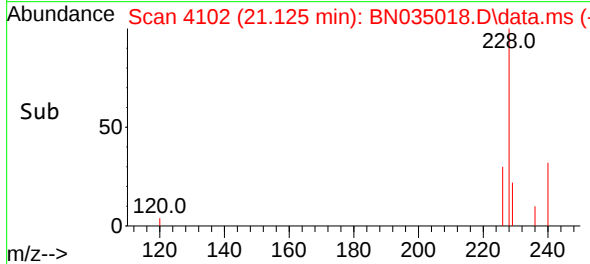
Instrument :
BNA_N
ClientSampleId :
CC0Q0



Tgt Ion:228 Resp: 4570
Ion Ratio Lower Upper
228 100
229 30.2 15.8 23.8
226 35.9 22.2 33.2

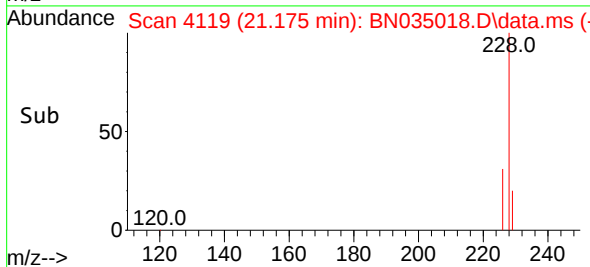
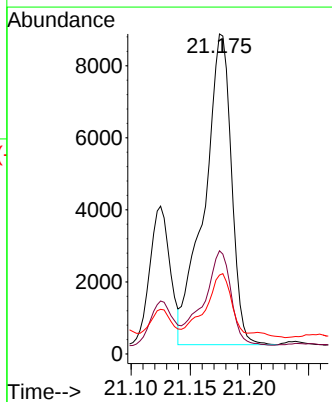
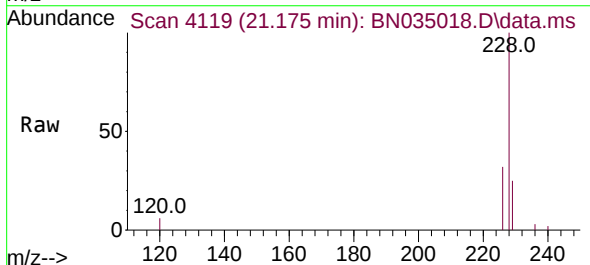
Manual Integrations
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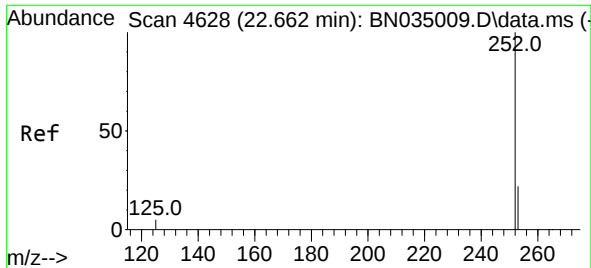
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.175 min Scan# 4119
Delta R.T. -0.009 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

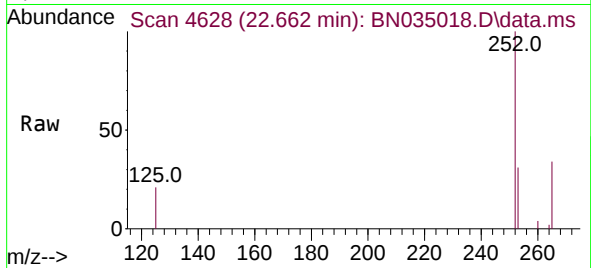
Tgt Ion:228 Resp: 13722
Ion Ratio Lower Upper
228 100
226 32.3 24.2 36.4
229 24.6 15.4 23.2





#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul m
RT: 22.662 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

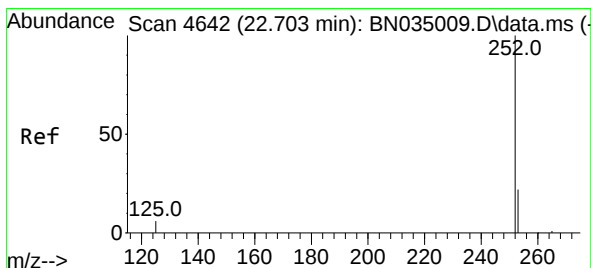
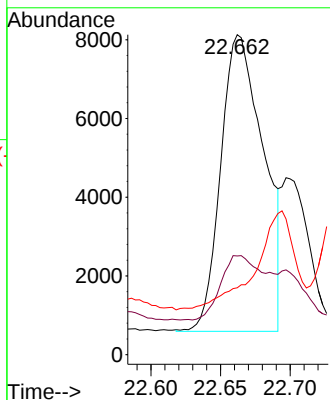
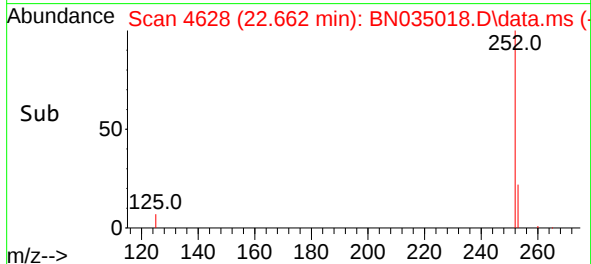
Instrument :
BNA_N
ClientSampleId :
CC0Q0



Tgt Ion:252 Resp: 16058
Ion Ratio Lower Upper
252 100
253 30.9 0.0 50.0
125 20.9 0.0 14.0

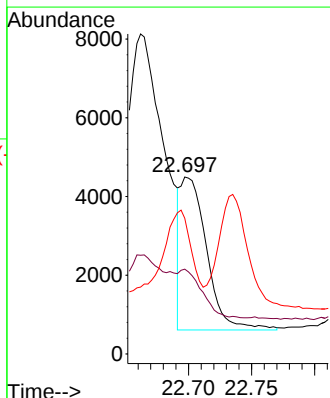
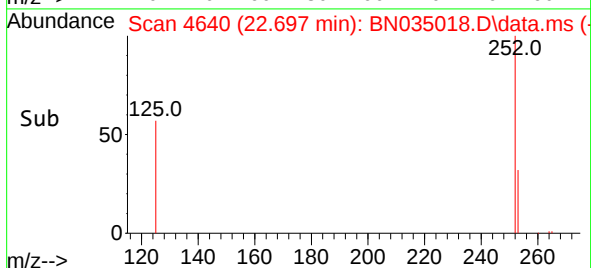
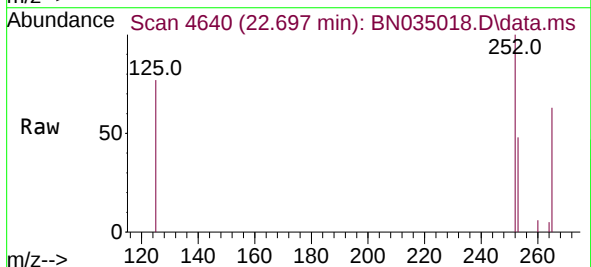
Manual Integrations
APPROVED

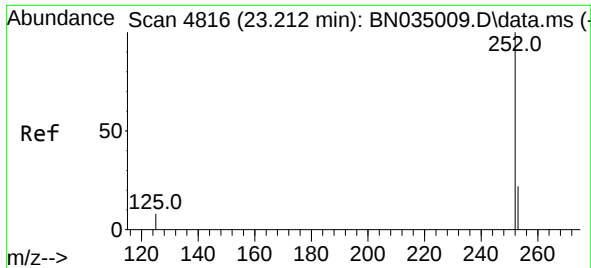
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#25
Benzo(k)fluoranthene
Concen: 0.126 ng/ul m
RT: 22.697 min Scan# 4640
Delta R.T. -0.014 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

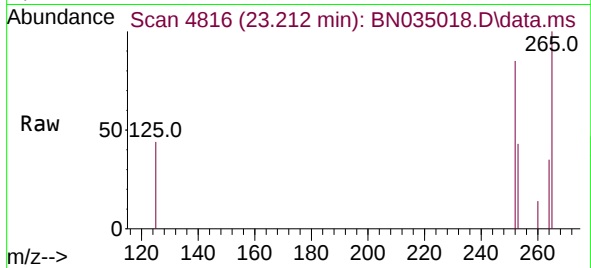
Tgt Ion:252 Resp: 5621
Ion Ratio Lower Upper
252 100
253 47.9 20.2 30.4#
125 76.6 5.8 8.8#





#26
Benzo(a)pyrene
Concen: 0.090 ng/ul
RT: 23.212 min Scan# 4816
Delta R.T. -0.006 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

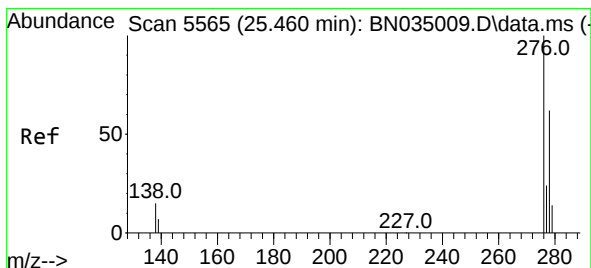
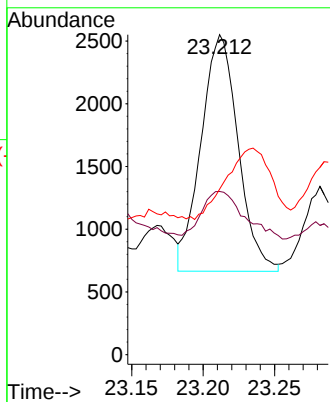
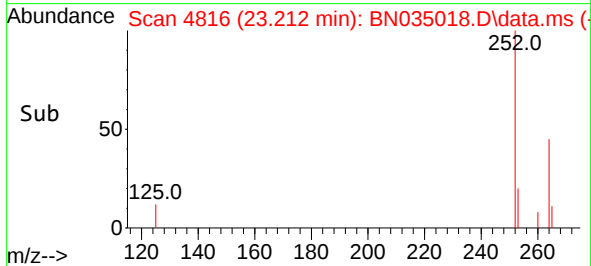
Instrument :
BNA_N
ClientSampleId :
CC0Q0



Tgt Ion:252 Resp: 3397
Ion Ratio Lower Upper
252 100
253 51.0 21.2 31.8#
125 51.7 6.3 9.5#

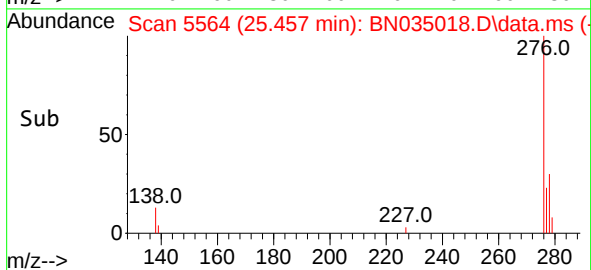
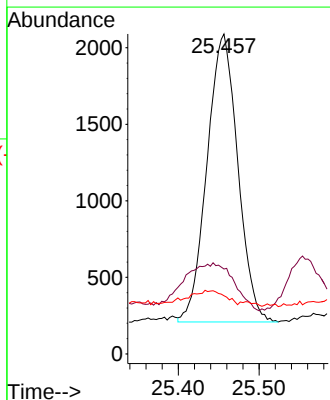
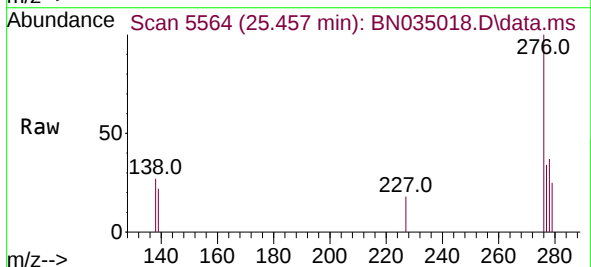
Manual Integrations
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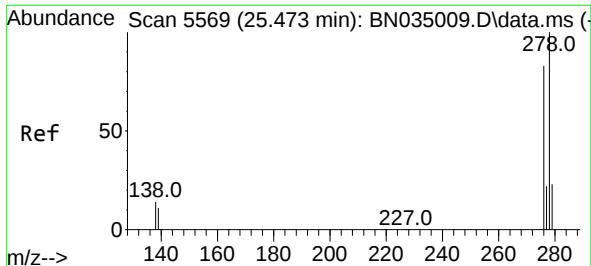
Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.107 ng/ul
RT: 25.457 min Scan# 5564
Delta R.T. -0.013 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

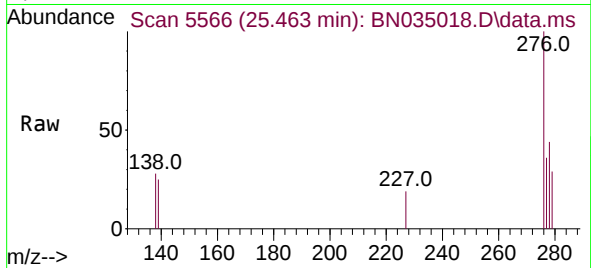
Tgt Ion:276 Resp: 4969
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.463 min Scan# 5566
Delta R.T. -0.023 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02

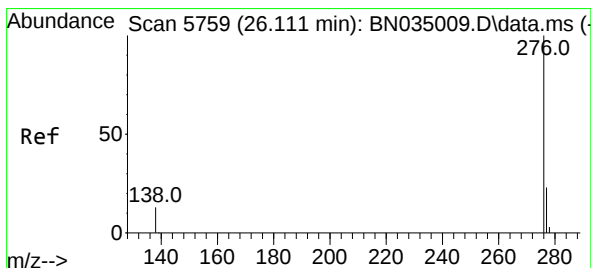
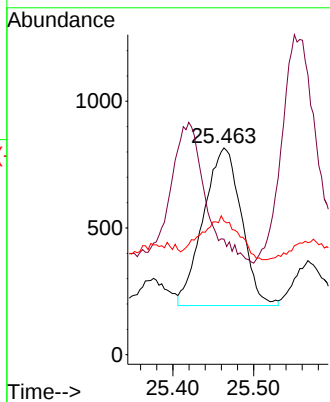
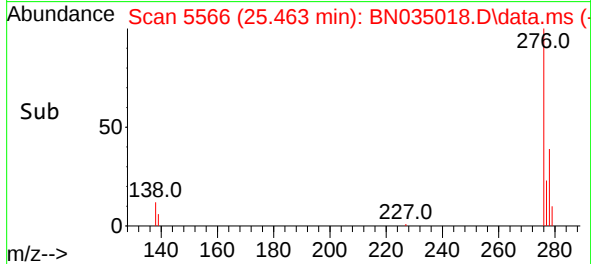
Instrument :
BNA_N
ClientSampleId :
CC0Q0



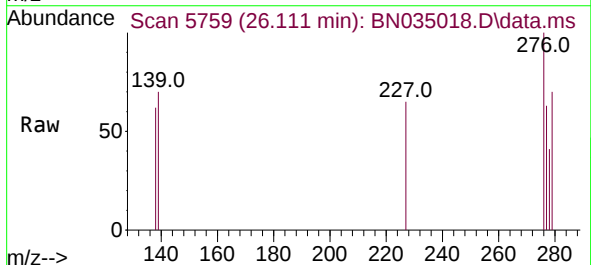
Tgt Ion:278 Resp: 203
Ion Ratio Lower Upper
278 100
139 55.9 8.4 12.6
279 64.6 21.5 32.3

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Reviewed By :Yogesh Patel 11/12/2024
Supervised By :mohammad ahmed 11/14/2024



#29
Benzo(g,h,i)perylene
Concen: 0.024 ng/ul
RT: 26.111 min Scan# 5759
Delta R.T. -0.017 min
Lab File: BN035018.D
Acq: 11 Nov 2024 23:02



Tgt Ion:276 Resp: 845
Ion Ratio Lower Upper
276 100
138 61.8 10.3 15.5#
277 62.9 20.2 30.2#

