

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035057.D
 Acq On : 13 Nov 2024 04:21
 Operator : RC/JU
 Sample : P4636-11
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CC0Q3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 04:54:06 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 : Wed Nov 13 00:41:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	3155	0.400	ng/ul	0.00
4) Naphthalene-d8	10.322	136	7606	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.194	164	5302	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	11589	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.137	240	11864	0.400	ng/ul	# 0.00
23) Perylene-d12	23.302	264	13646	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.149	96	2951	0.983	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	1357	0.116	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	4799	0.158	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.366	128	960	0.050	ng/ul#	85
7) 2-Methylnaphthalene	11.994	142	663	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.214	142	563	0.039	ng/ul	94
12) Fluorene	15.249	166	771	0.037	ng/ul#	26
15) Phenanthrene	16.983	178	12360	0.399	ng/ul#	85
19) Fluoranthene	19.005	202	5333	0.135	ng/ul#	81
20) Pyrene	19.367	202	5623	0.137	ng/ul#	82
21) Benzo(a)anthracene	21.122	228	2195	0.051	ng/ul#	24
22) Chrysene	21.172	228	5233m	0.119	ng/ul	
24) Benzo(b)fluoranthene	22.659	252	3579m	0.075	ng/ul	
25) Benzo(k)fluoranthene	22.685	252	1057m	0.021	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.446	276	1099	0.021	ng/ul#	67

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

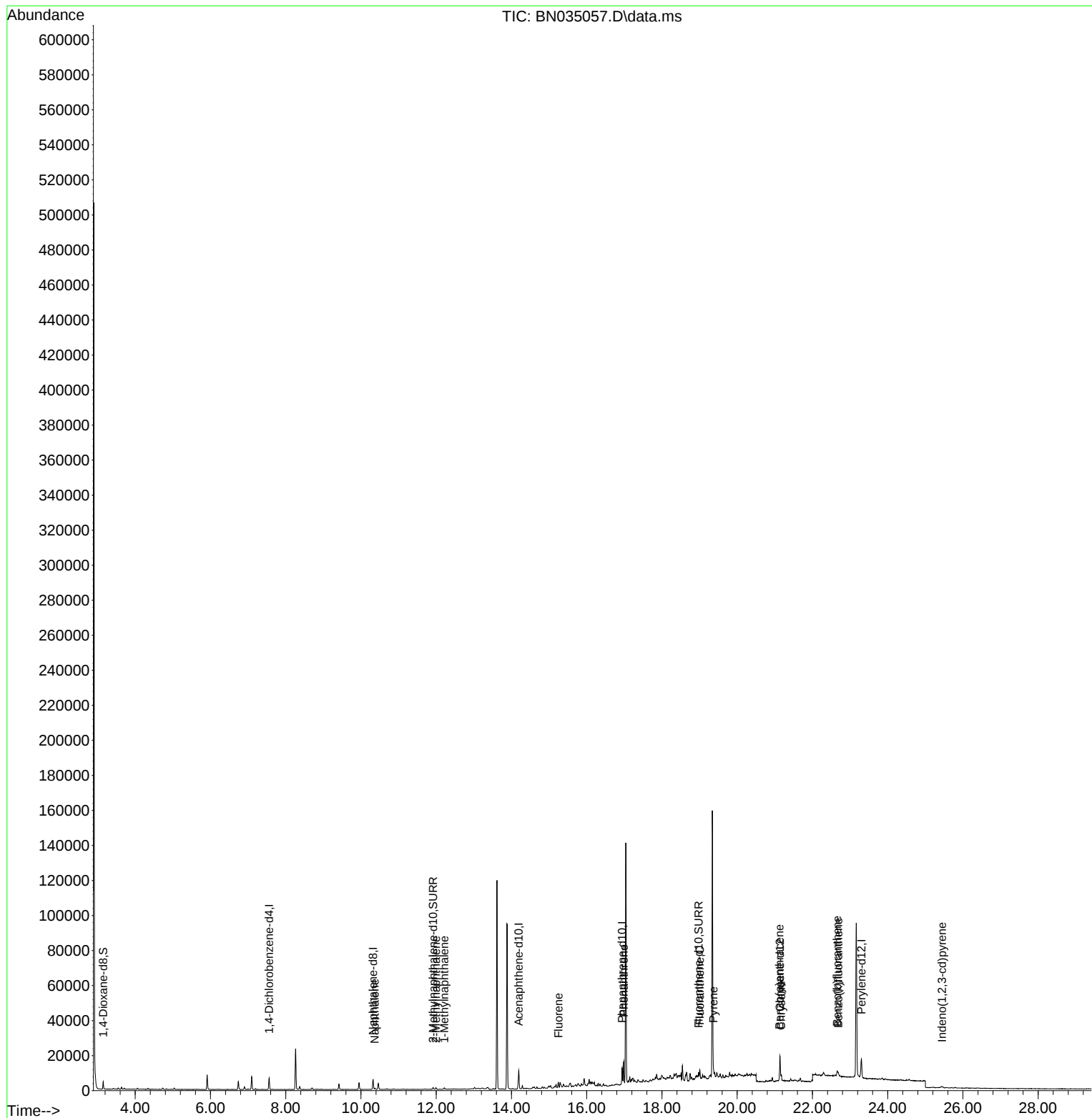
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035057.D
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Sample : P4636-11
Misc :
ALS Vial : 77 Sample Multiplier: 1

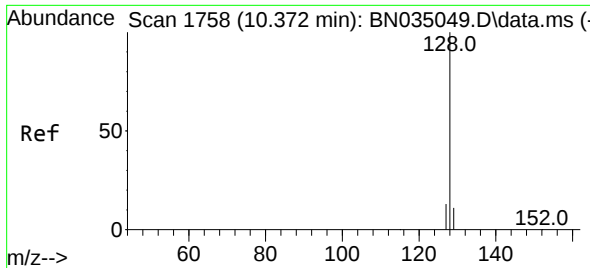
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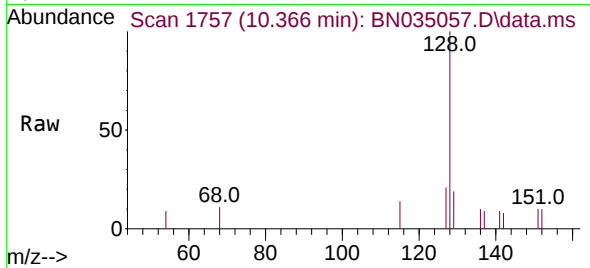
Quant Time: Nov 13 04:54:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
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#5
Naphthalene
Concen: 0.050 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. -0.006 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

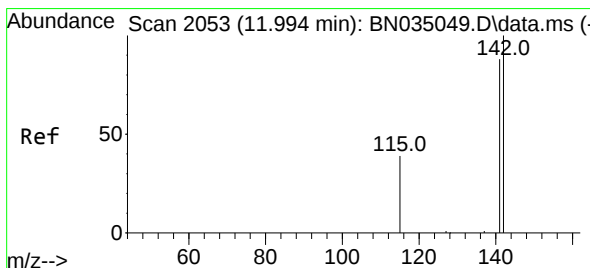
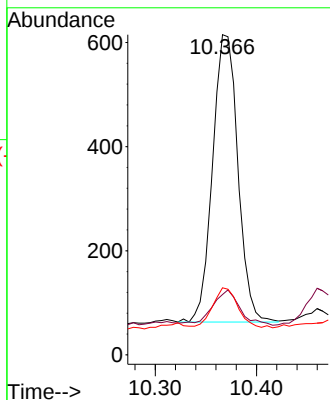
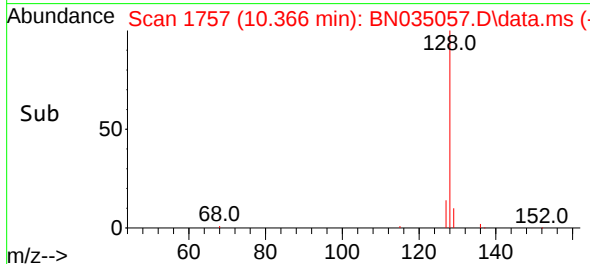
Instrument :
BNA_N
ClientSampleId :
CC0Q3



Tgt Ion:128 Resp: 960
Ion Ratio Lower Upper
128 100
129 18.9 10.1 15.1
127 21.0 12.1 18.1

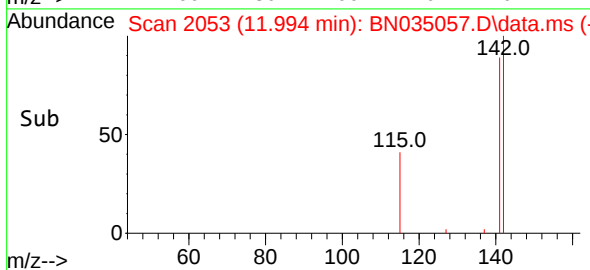
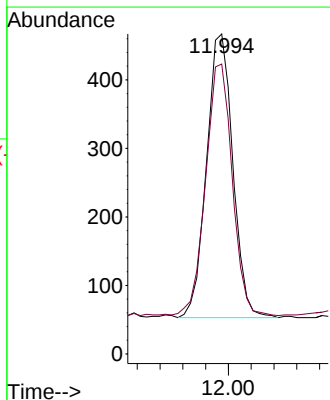
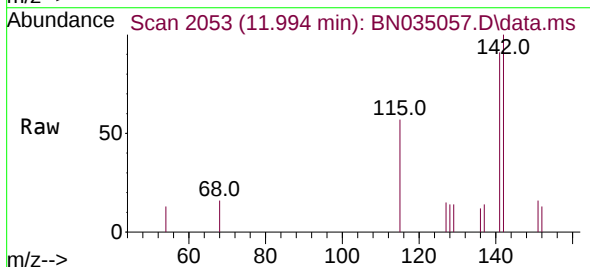
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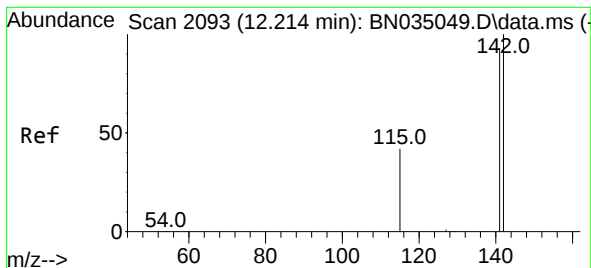
Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 11.994 min Scan# 2053
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

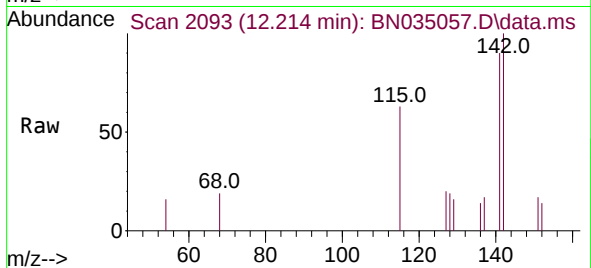
Tgt Ion:142 Resp: 663
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2





#8
1-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.214 min Scan# 2093
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

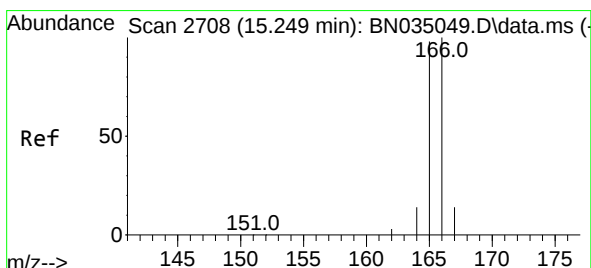
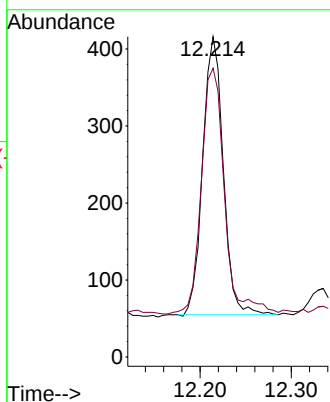
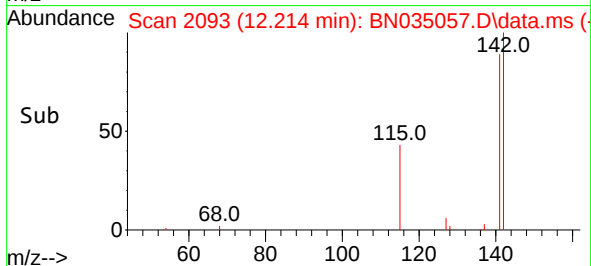
Instrument :
BNA_N
ClientSampleId :
CC0Q3



Tgt Ion:142 Resp: 561
Ion Ratio Lower Upper
142 100
141 99.3 74.6 111.8

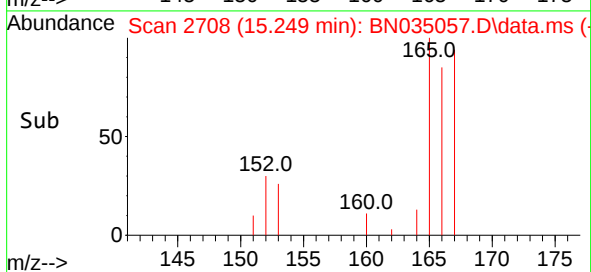
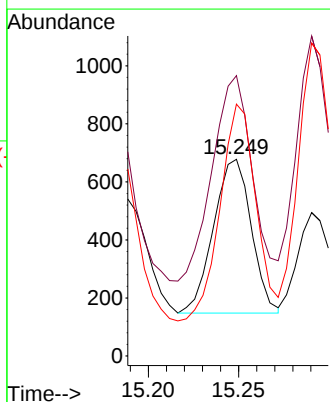
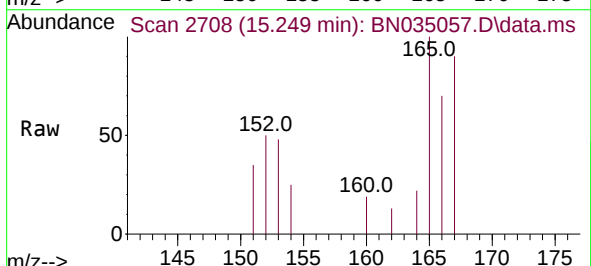
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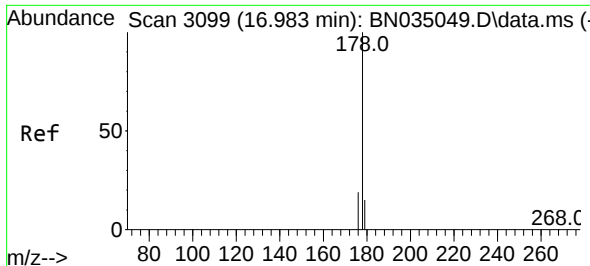
Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.249 min Scan# 2708
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

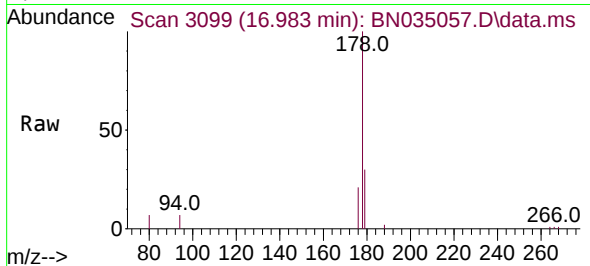
Tgt Ion:166 Resp: 771
Ion Ratio Lower Upper
166 100
165 142.5 79.0 118.4#
167 128.0 11.8 17.6#





#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

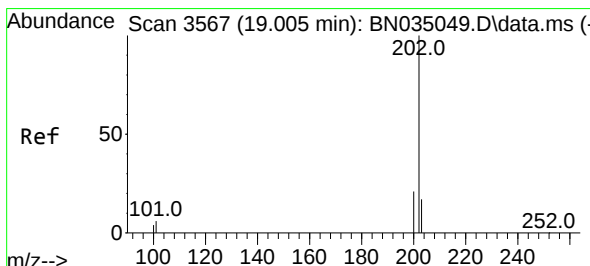
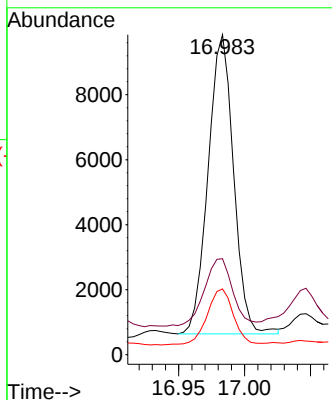
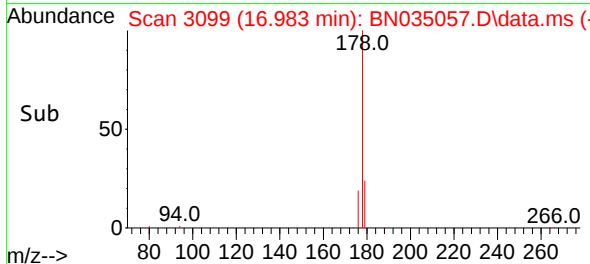
Instrument :
BNA_N
ClientSampleId :
CC0Q3



Tgt Ion:178 Resp: 12360
Ion Ratio Lower Upper
178 100
179 30.0 13.4 20.2#
176 20.6 15.8 23.6#

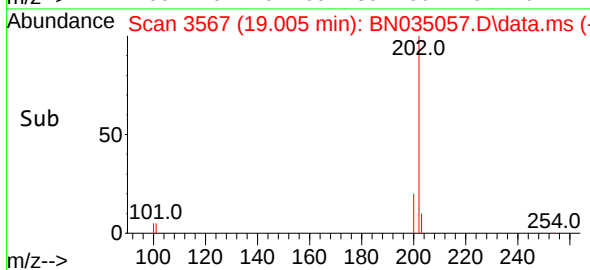
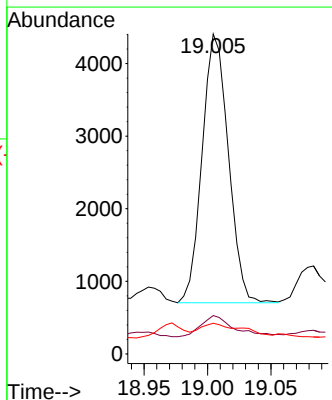
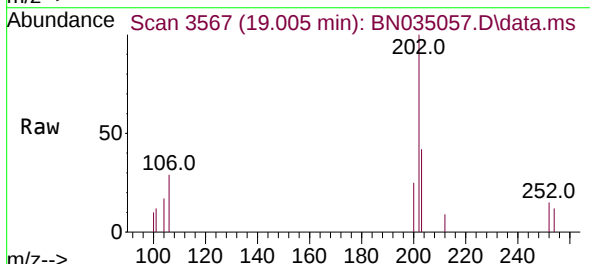
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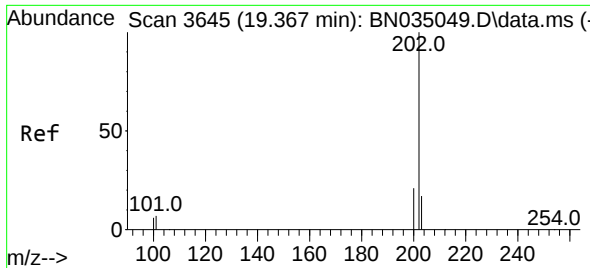
Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



#19
Fluoranthene
Concen: 0.135 ng/ul
RT: 19.005 min Scan# 3567
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

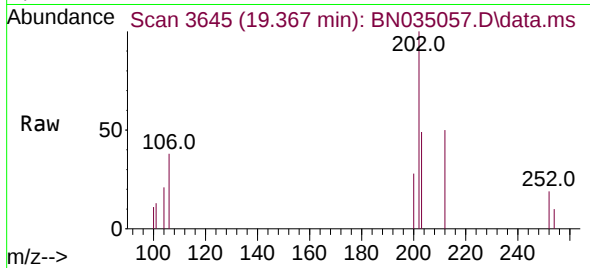
Tgt Ion:202 Resp: 5333
Ion Ratio Lower Upper
202 100
101 12.0 4.2 6.2#
100 9.6 3.2 4.8#





#20
Pyrene
Concen: 0.137 ng/ul
RT: 19.367 min Scan# 3645
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

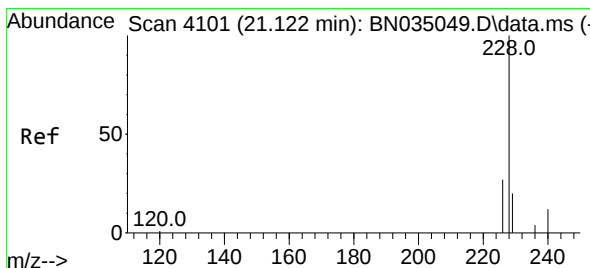
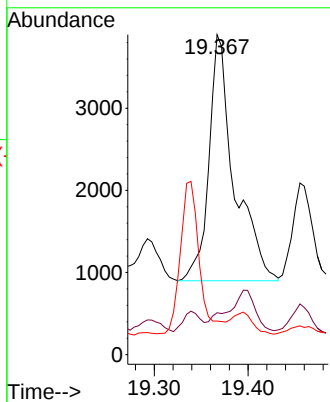
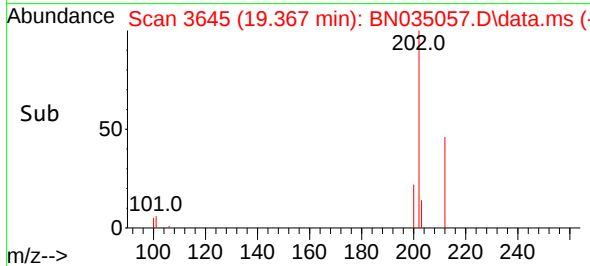
Instrument :
BNA_N
ClientSampleId :
CC0Q3



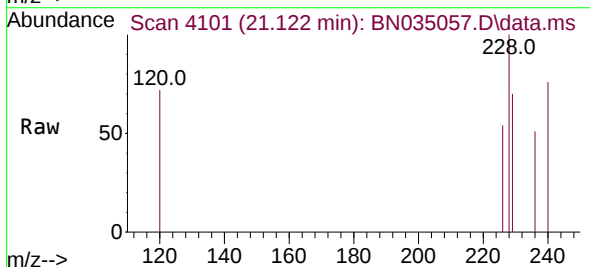
Tgt Ion:202 Resp: 562
Ion Ratio Lower Upper
202 100
101 13.1 5.0 7.4#
100 10.5 4.1 6.1#

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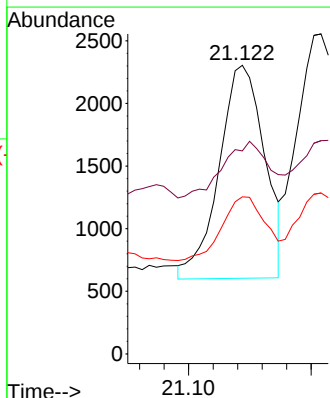
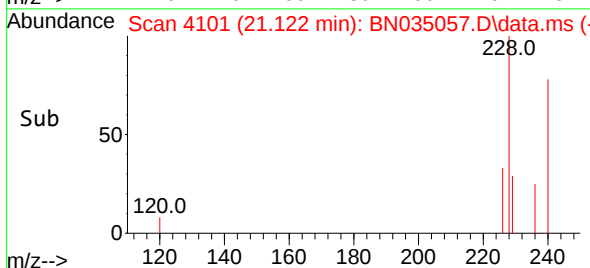
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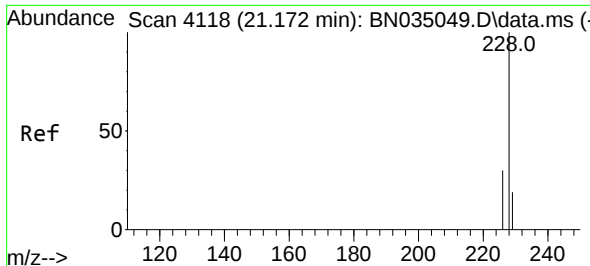


#21
Benzo(a)anthracene
Concen: 0.051 ng/ul
RT: 21.122 min Scan# 4101
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21



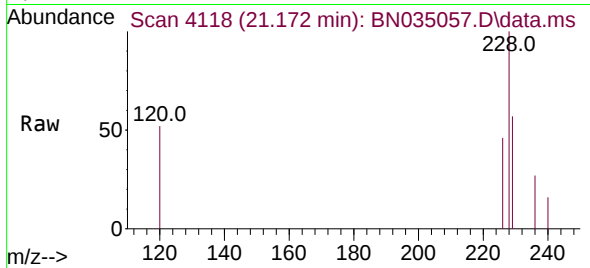
Tgt Ion:228 Resp: 2195
Ion Ratio Lower Upper
228 100
229 70.3 15.8 23.8#
226 54.4 22.2 33.2#





#22
Chrysene
Concen: 0.119 ng/ul m
RT: 21.172 min Scan# 4118
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

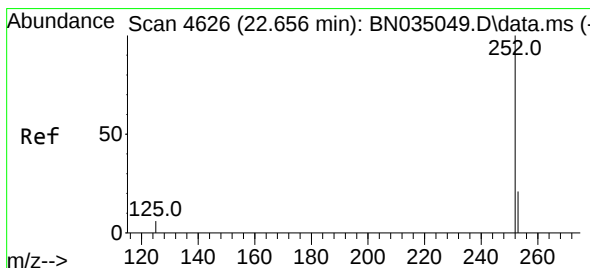
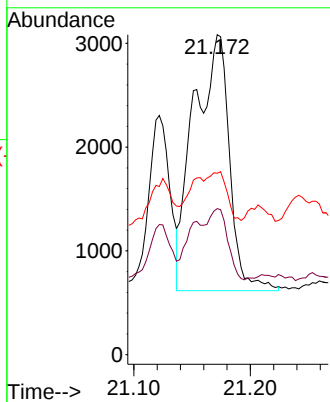
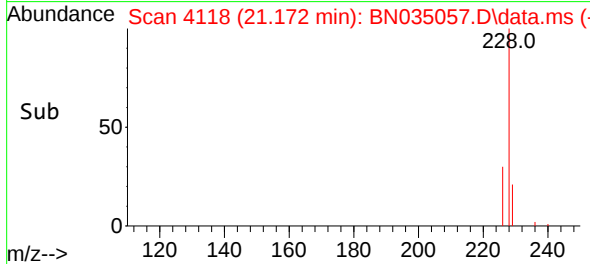
Instrument :
BNA_N
ClientSampleId :
CC0Q3



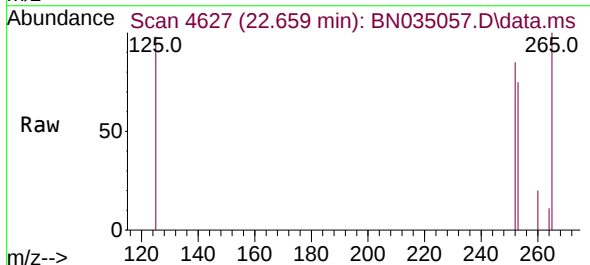
Tgt Ion:228 Resp: 523
Ion Ratio Lower Upper
228 100
226 45.6 24.2 36.4#
229 56.7 15.4 23.2#

Manual Integrations
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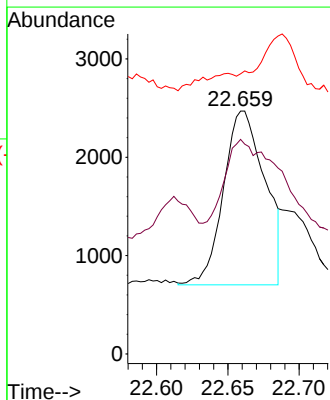
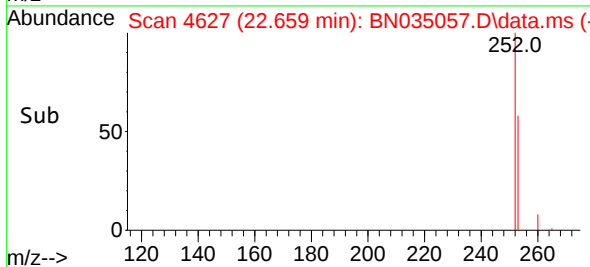
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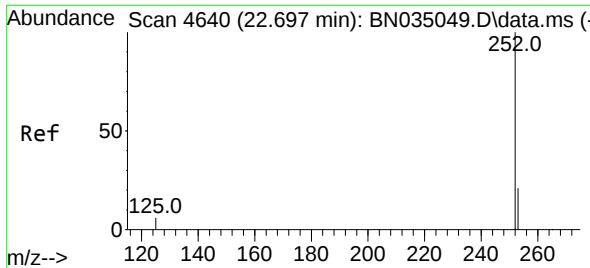


#24
Benzo(b)fluoranthene
Concen: 0.075 ng/ul m
RT: 22.659 min Scan# 4627
Delta R.T. 0.003 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21



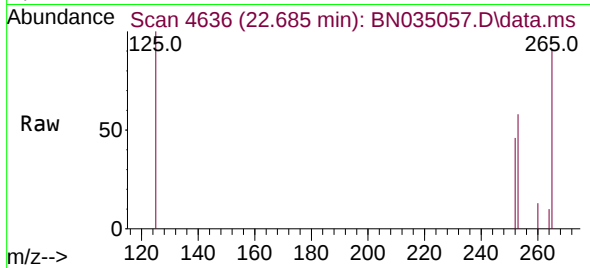
Tgt Ion:252 Resp: 3579
Ion Ratio Lower Upper
252 100
253 88.3 0.0 50.0#
125 115.3 0.0 14.0#





#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul m
RT: 22.685 min Scan# 4636
Delta R.T. -0.012 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21

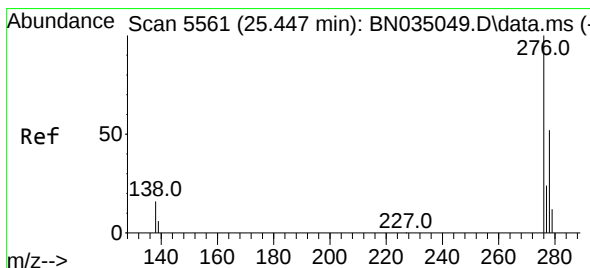
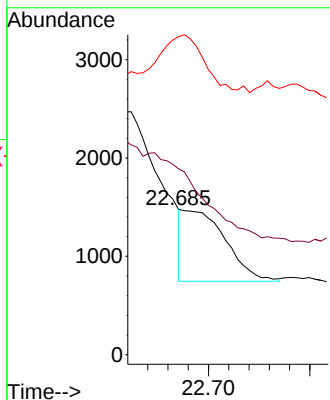
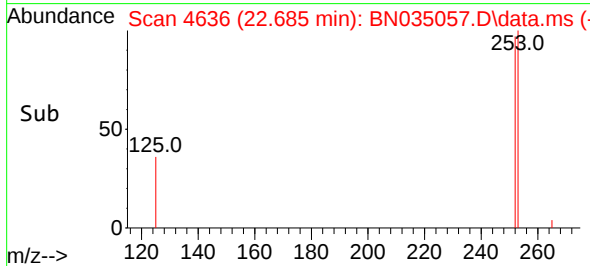
Instrument :
BNA_N
ClientSampleId :
CC0Q3



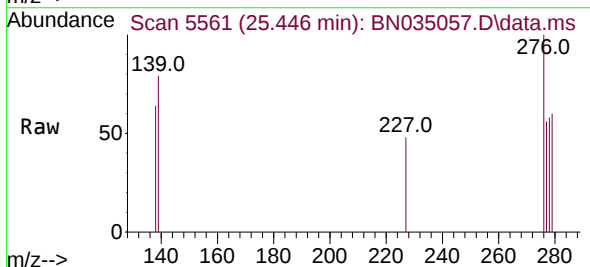
Tgt Ion:252 Resp: 105
Ion Ratio Lower Upper
252 100
253 128.0 20.2 30.4#
125 218.9 5.8 8.8#

Manual Integrations
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.446 min Scan# 5561
Delta R.T. -0.000 min
Lab File: BN035057.D
Acq: 13 Nov 2024 04:21



Tgt Ion:276 Resp: 1099
Ion Ratio Lower Upper
276 100
138 0.0 10.8 16.2#
227 2.5 0.2 0.4#

