

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035701.D
 Acq On : 19 Dec 2024 12:05
 Operator : RC/JU
 Sample : P5258-06MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X0MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 12:34:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3378	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8702	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6283	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13023	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	11484	0.400	ng/ul	-0.01
23) Perylene-d12	23.039	264	12598	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	1978	0.660	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	5825	0.470	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	13300	0.396	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.985	88	5416	1.791	ng/ul#	71
5) Naphthalene	10.070	128	14284m	0.669	ng/ul	
7) 2-Methylnaphthalene	11.697	142	9288	0.646	ng/ul	100
8) 1-Methylnaphthalene	11.923	142	9380	0.630	ng/ul	100
10) Acenaphthylene	13.648	152	14179	0.582	ng/ul	99
11) Acenaphthene	14.000	153	13492	0.733	ng/ul	99
12) Fluorene	15.004	166	16379	0.765	ng/ul	99
14) Pentachlorophenol	16.367	266	2038	0.610	ng/ul	98
15) Phenanthrene	16.747	178	152065	4.666	ng/ul	98
16) Anthracene	16.840	178	39634	1.301	ng/ul	98
19) Fluoranthene	18.791	202	241480	5.880	ng/ul	98
20) Pyrene	19.158	202	204305	4.515	ng/ul	99
21) Benzo(a)anthracene	20.938	228	109102	2.864	ng/ul	99
22) Chrysene	20.991	228	107990	2.733	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	130497m	3.515	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	60556m	1.475	ng/ul	
26) Benzo(a)pyrene	22.948	252	97466	2.711	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.061	276	77913m	1.780	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	30767	0.920	ng/ul#	90
29) Benzo(g,h,i)perylene	25.678	276	77196	2.198	ng/ul#	92

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

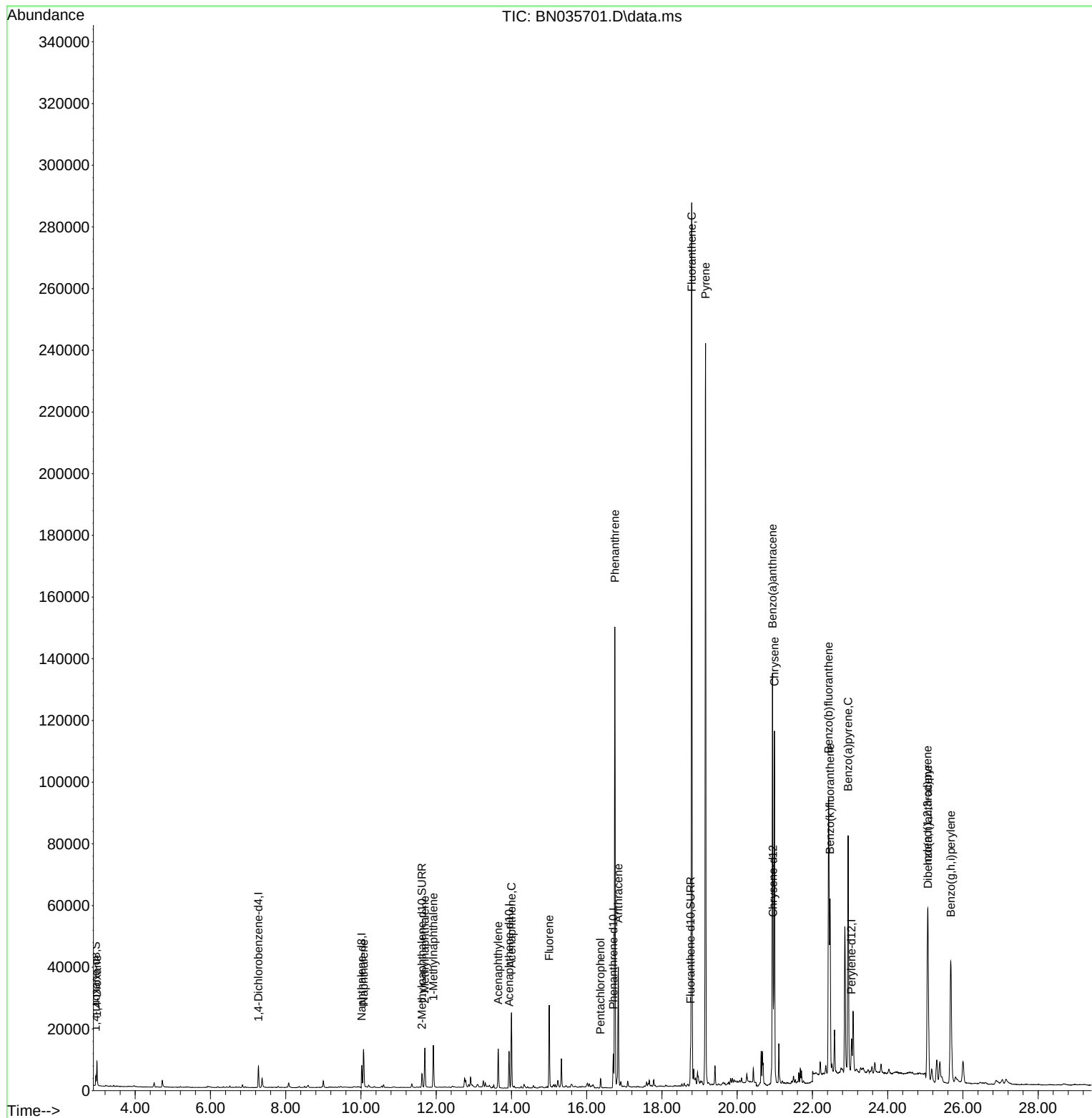
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035701.D
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ALS Vial : 42 Sample Multiplier: 1

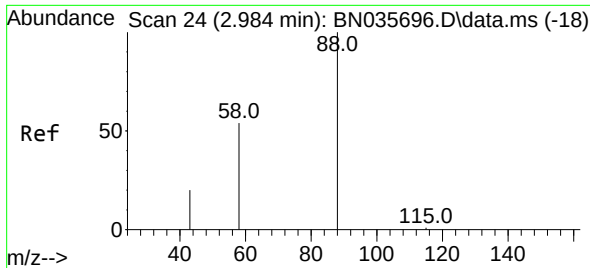
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Quant Time: Dec 19 12:34:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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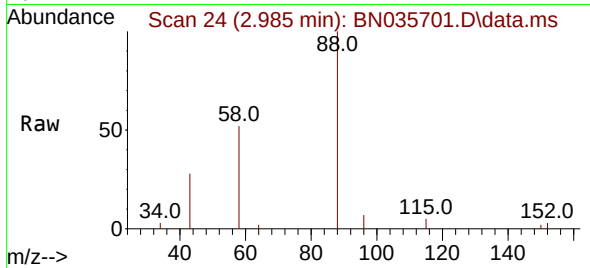
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024





#2
1,4-Dioxane
Concen: 1.791 ng/ul
RT: 2.985 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

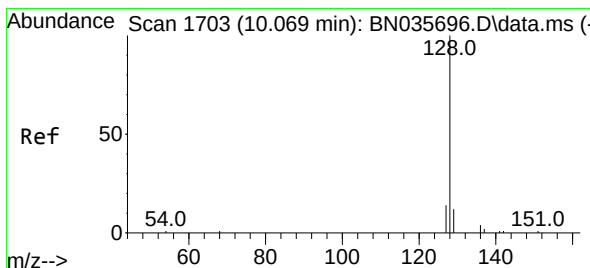
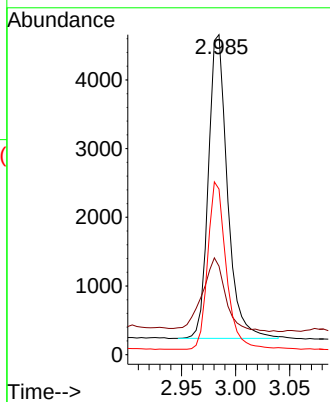
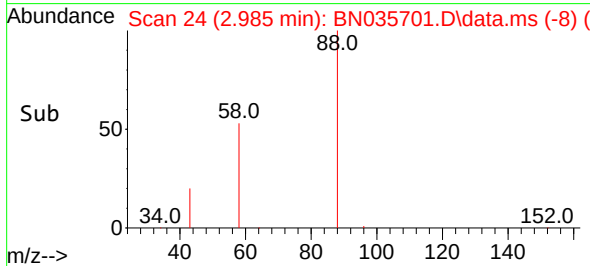
Instrument :
BNA_N
ClientSampleId :
E28X0MSD



Tgt Ion: 88 Resp: 5410
Ion Ratio Lower Upper
88 100
43 27.6 39.4 59.2
58 51.7 29.8 44.6

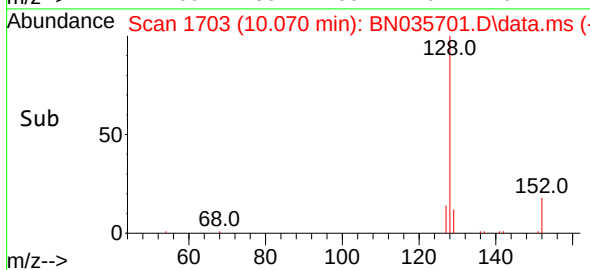
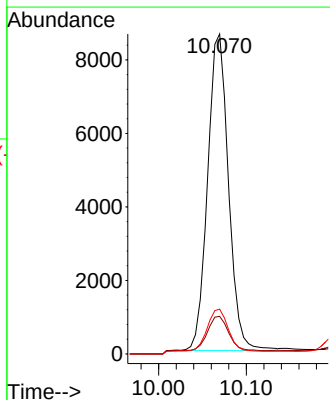
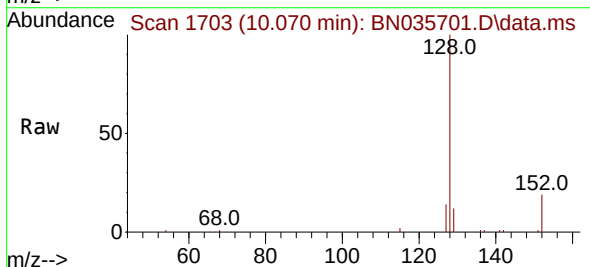
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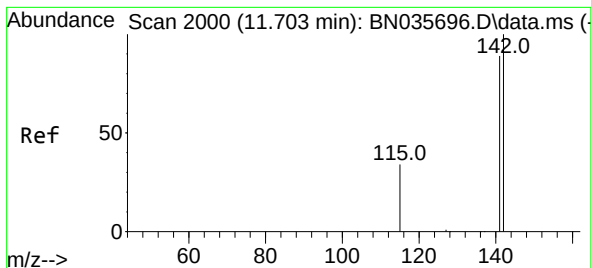
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#5
Naphthalene
Concen: 0.669 ng/ul m
RT: 10.070 min Scan# 1703
Delta R.T. -0.011 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

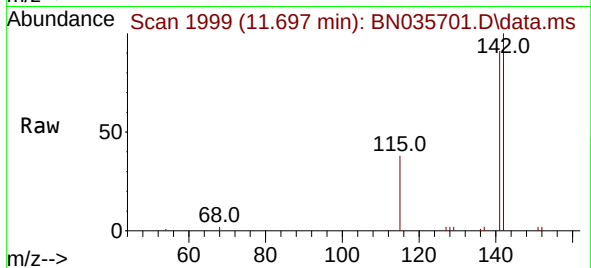
Tgt Ion:128 Resp: 14284
Ion Ratio Lower Upper
128 100
129 11.7 10.8 16.2
127 14.0 12.0 18.0





#7
2-Methylnaphthalene
Concen: 0.646 ng/ul
RT: 11.697 min Scan# 1999
Delta R.T. -0.016 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

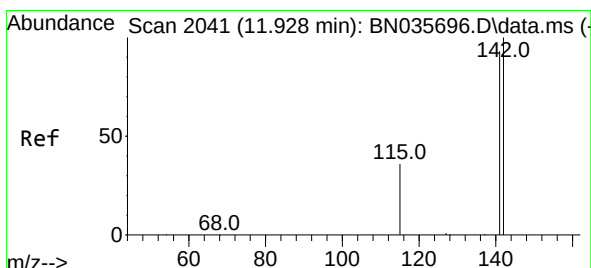
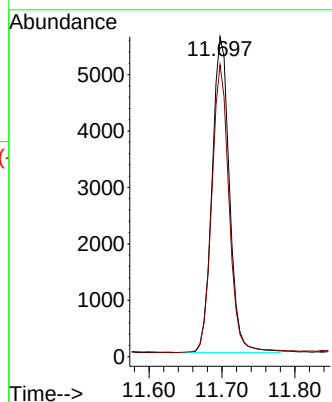
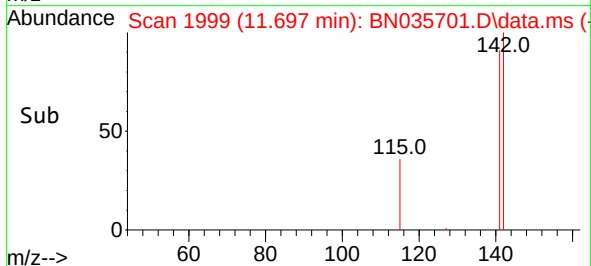
Instrument :
BNA_N
ClientSampleId :
E28X0MSD



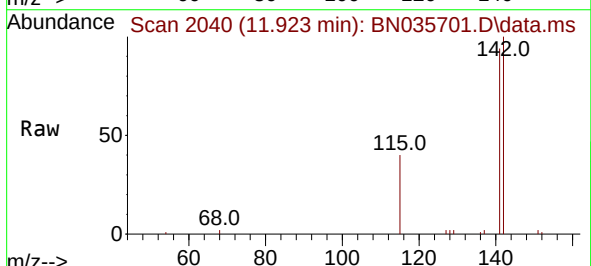
Tgt Ion:142 Resp: 928
Ion Ratio Lower Upper
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141 90.6 72.8 109.2

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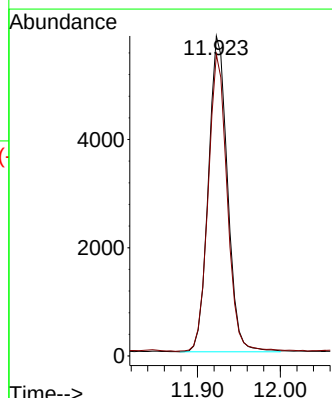
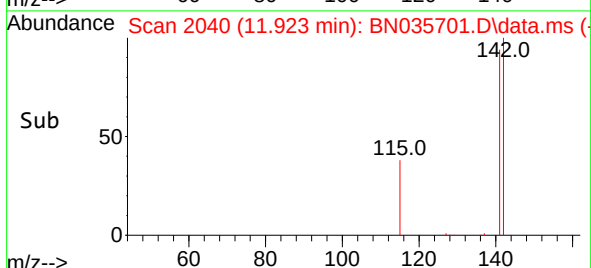
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

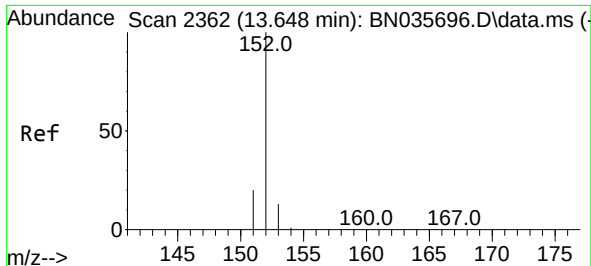


#8
1-Methylnaphthalene
Concen: 0.630 ng/ul
RT: 11.923 min Scan# 2040
Delta R.T. -0.016 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05



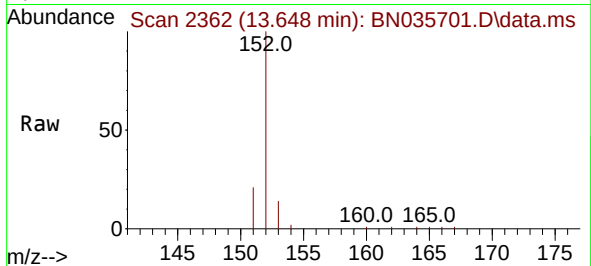
Tgt Ion:142 Resp: 9380
Ion Ratio Lower Upper
142 100
141 93.3 74.7 112.1





#10
Acenaphthylene
Concen: 0.582 ng/ul
RT: 13.648 min Scan# 2362
Delta R.T. -0.014 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

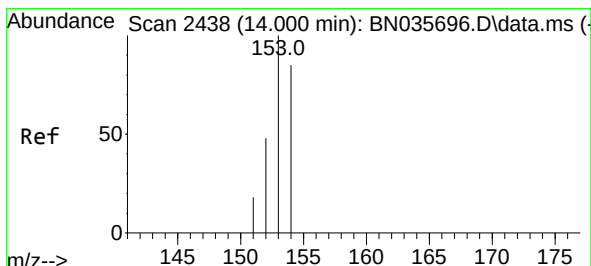
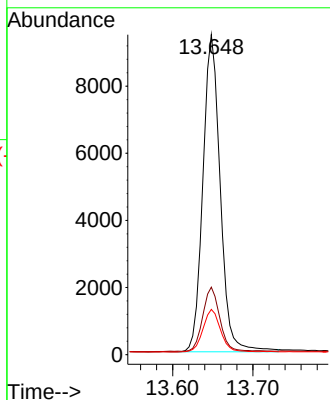
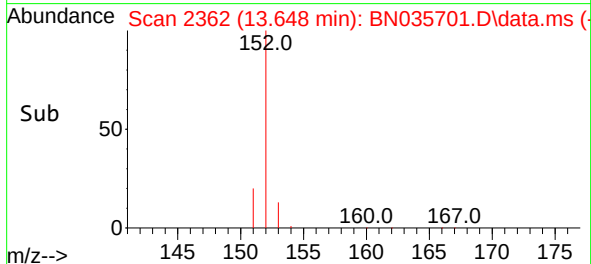
Instrument :
BNA_N
ClientSampleId :
E28X0MSD



Tgt Ion:152 Resp: 14179
Ion Ratio Lower Upper
152 100
151 21.1 17.6 26.4
153 14.1 11.4 17.2

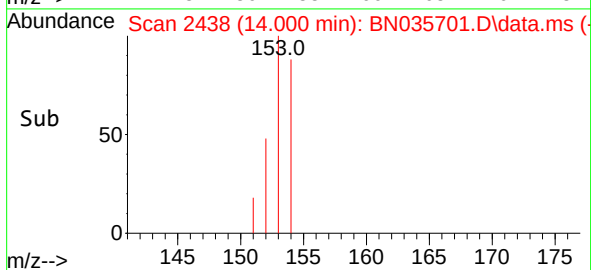
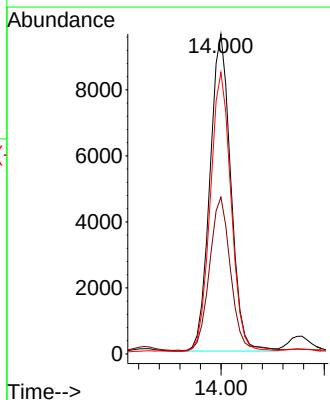
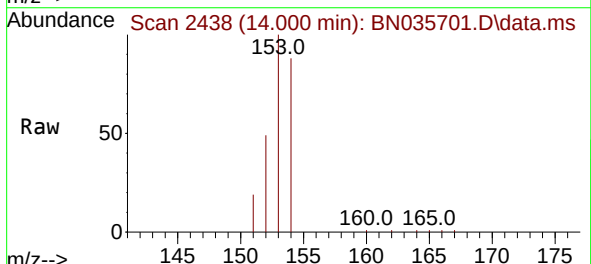
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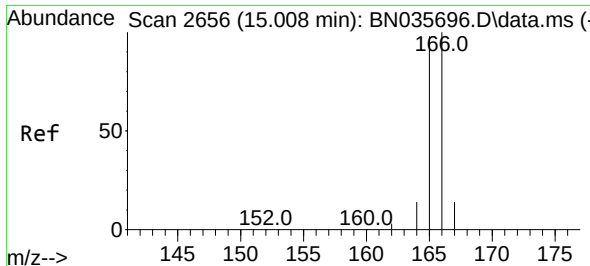
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#11
Acenaphthene
Concen: 0.733 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

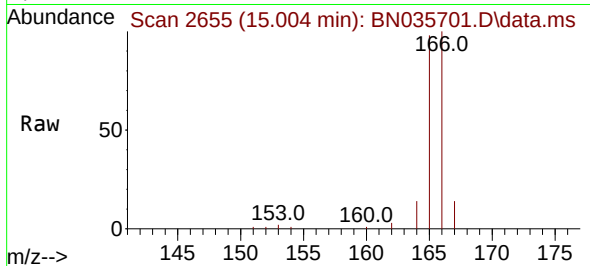
Tgt Ion:153 Resp: 13492
Ion Ratio Lower Upper
153 100
152 49.0 39.8 59.6
154 88.0 69.8 104.8





#12
Fluorene
Concen: 0.765 ng/ul
RT: 15.004 min Scan# 20
Delta R.T. -0.009 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

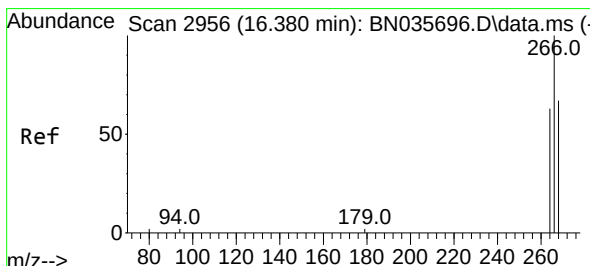
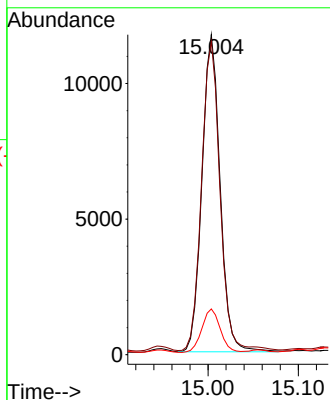
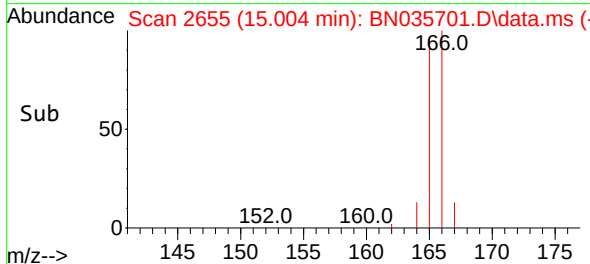
Instrument :
BNA_N
ClientSampleId :
E28X0MSD



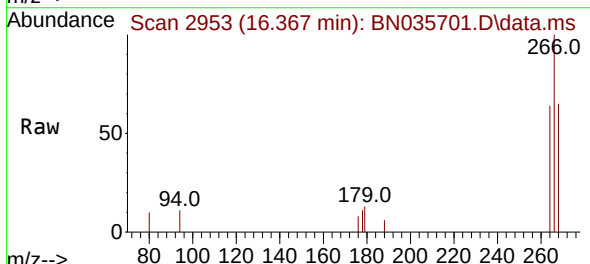
Tgt Ion:166 Resp: 16379
Ion Ratio Lower Upper
166 100
165 97.9 79.5 119.3
167 14.3 11.8 17.8

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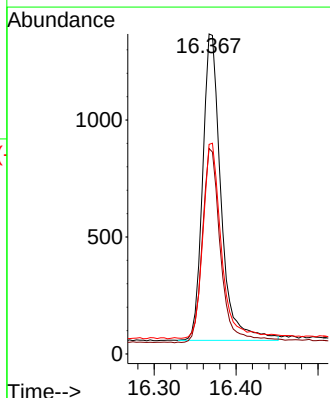
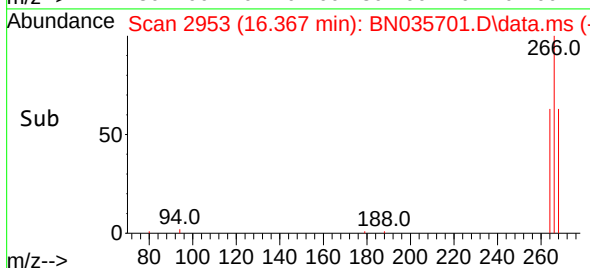
Reviewed By :Yogesh Patel 12/21/2024
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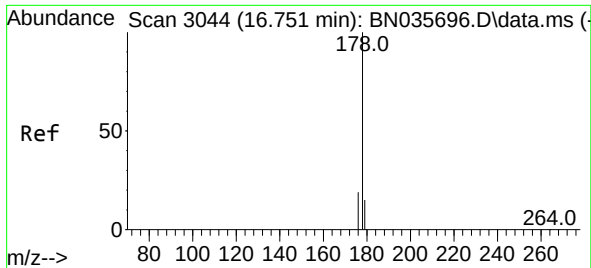


#14
Pentachlorophenol
Concen: 0.610 ng/ul
RT: 16.367 min Scan# 2953
Delta R.T. -0.012 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05



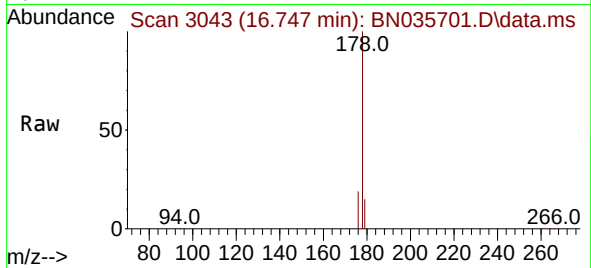
Tgt Ion:266 Resp: 2038
Ion Ratio Lower Upper
266 100
264 63.3 49.9 74.9
268 64.0 52.8 79.2





#15
Phenanthrene
Concen: 4.666 ng/ul
RT: 16.747 min Scan# 3043
Delta R.T. -0.012 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

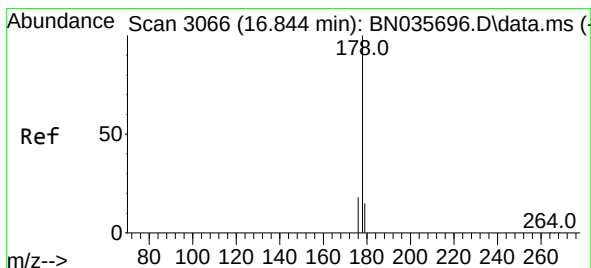
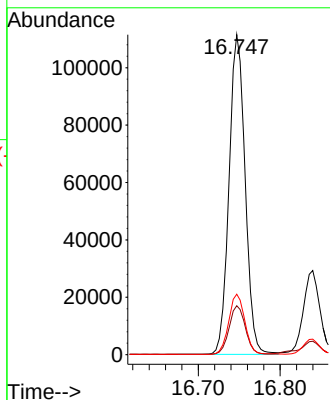
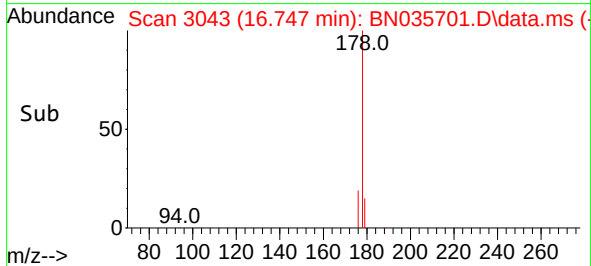
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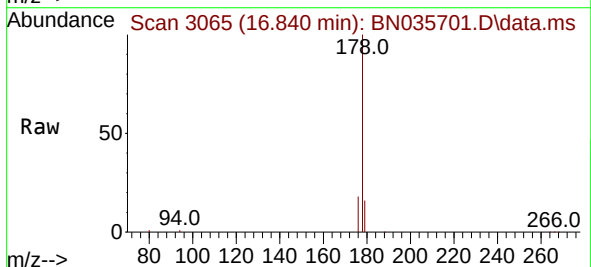
Tgt Ion:178 Resp: 152065
Ion Ratio Lower Upper
178 100
179 15.3 13.3 19.9
176 18.9 15.8 23.8

Manual Integrations
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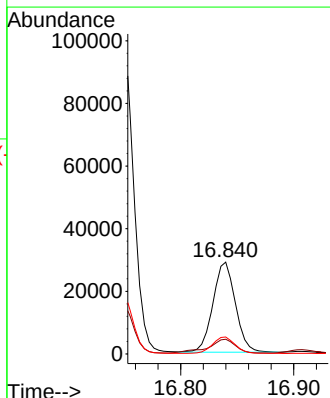
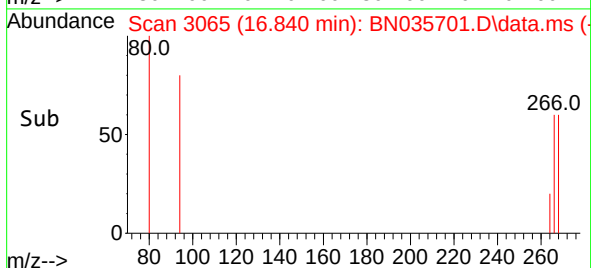
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

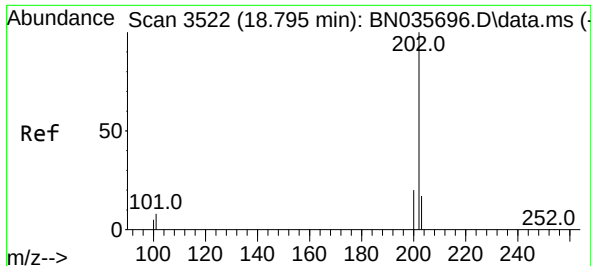


#16
Anthracene
Concen: 1.301 ng/ul
RT: 16.840 min Scan# 3065
Delta R.T. -0.008 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05



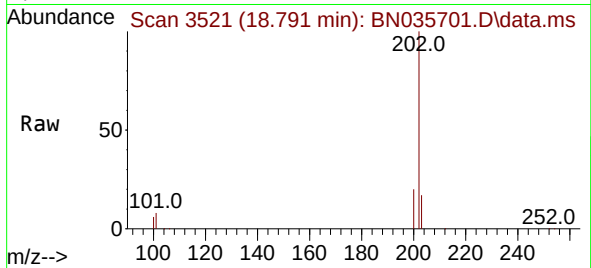
Tgt Ion:178 Resp: 39634
Ion Ratio Lower Upper
178 100
179 16.0 13.4 20.0
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 5.880 ng/u1
RT: 18.791 min Scan# 3521
Delta R.T. -0.009 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

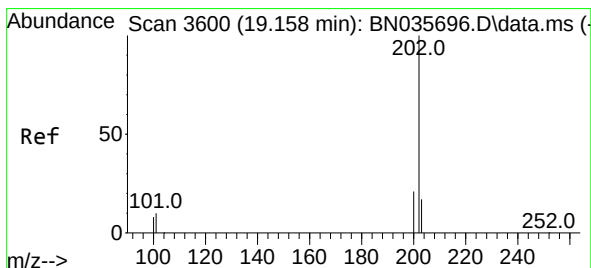
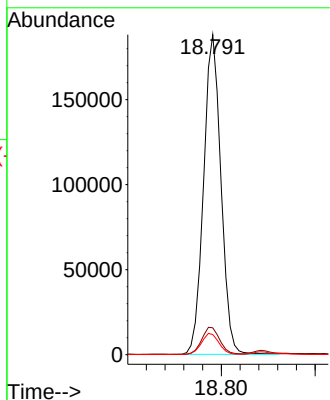
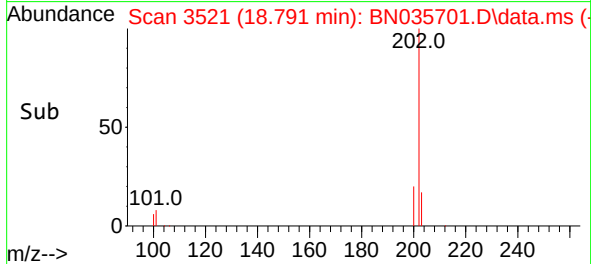
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Tgt Ion:202 Resp: 241480
Ion Ratio Lower Upper
202 100
101 8.4 7.3 10.9
100 6.3 5.4 8.0

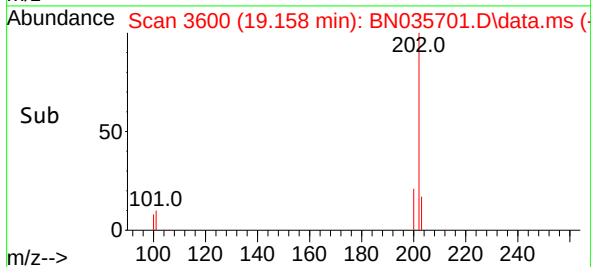
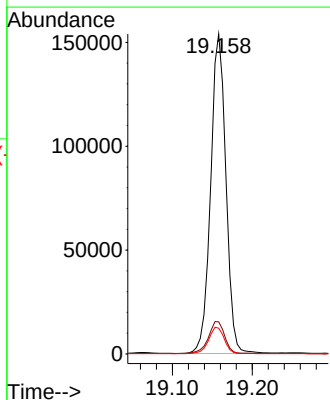
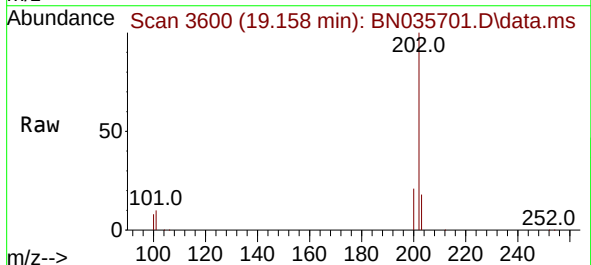
Manual Integrations
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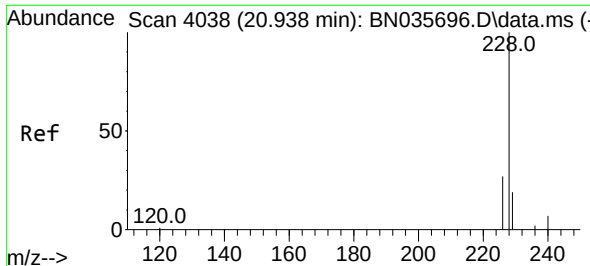
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#20
Pyrene
Concen: 4.515 ng/u1
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

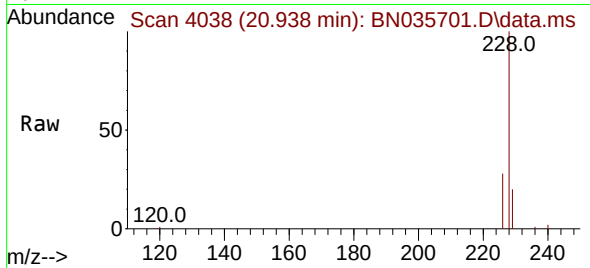
Tgt Ion:202 Resp: 204305
Ion Ratio Lower Upper
202 100
101 10.1 8.5 12.7
100 8.1 6.5 9.7





#21
Benzo(a)anthracene
Concen: 2.864 ng/ul
RT: 20.938 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

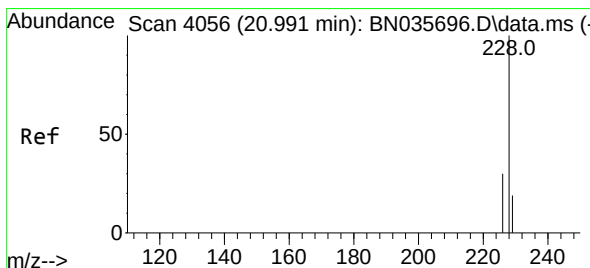
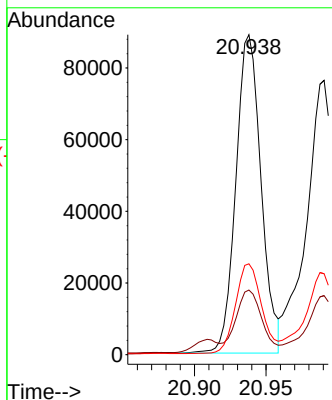
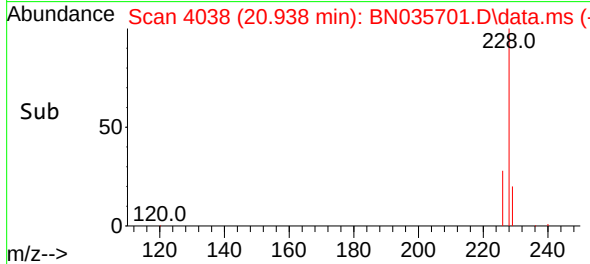
Instrument :
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E28X0MSD



Tgt Ion:228 Resp: 10910
Ion Ratio Lower Upper
228 100
229 20.2 16.6 25.0
226 28.4 22.5 33.7

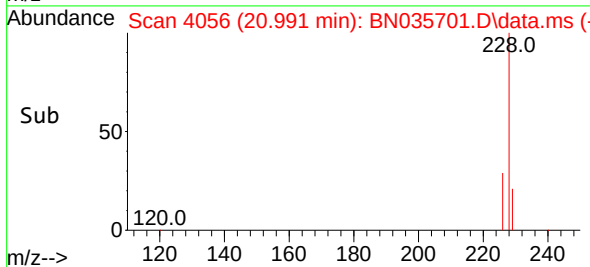
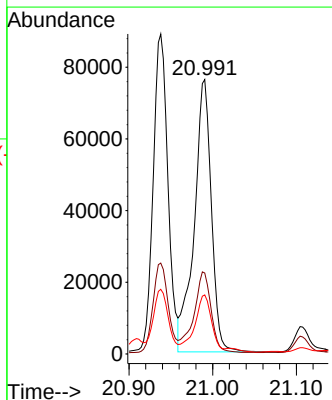
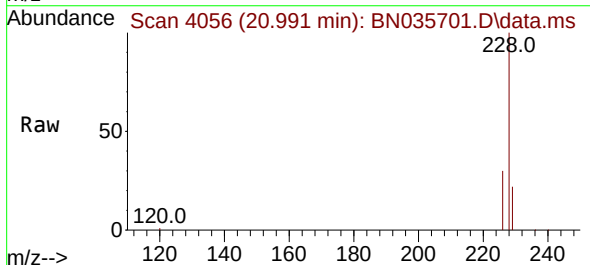
Manual Integrations
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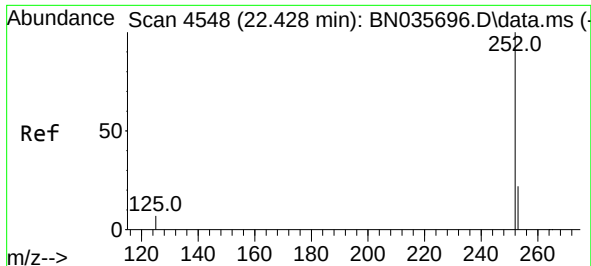
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 2.733 ng/ul
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

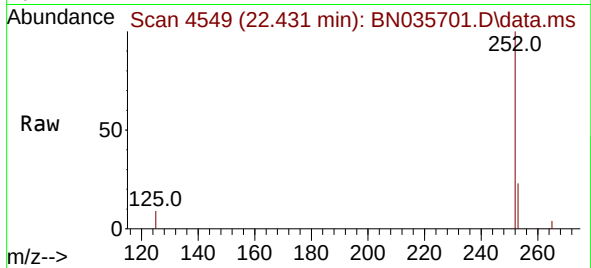
Tgt Ion:228 Resp: 107990
Ion Ratio Lower Upper
228 100
226 29.5 25.1 37.7
229 21.5 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 3.515 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

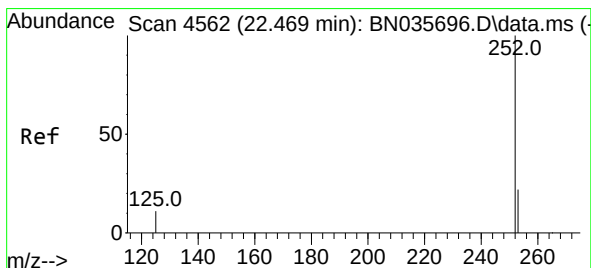
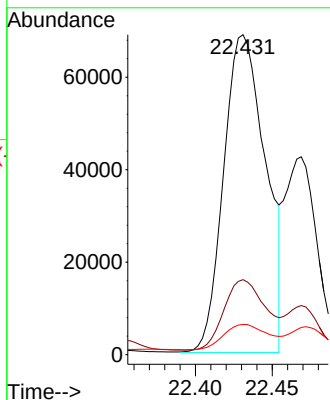
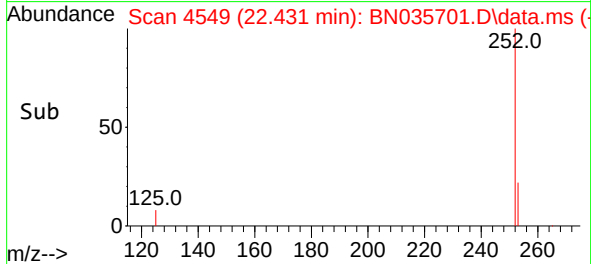
Instrument :
BNA_N
ClientSampleId :
E28X0MSD



Tgt Ion:252 Resp: 13049
Ion Ratio Lower Upper
252 100
253 23.4 0.0 56.4
125 9.5 0.0 37.6

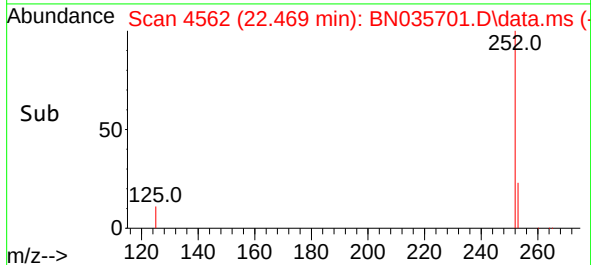
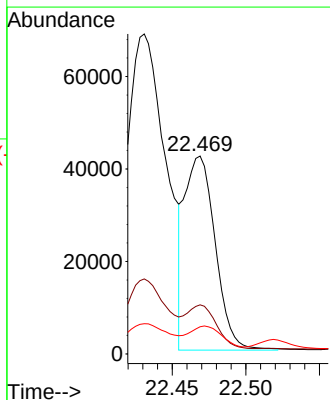
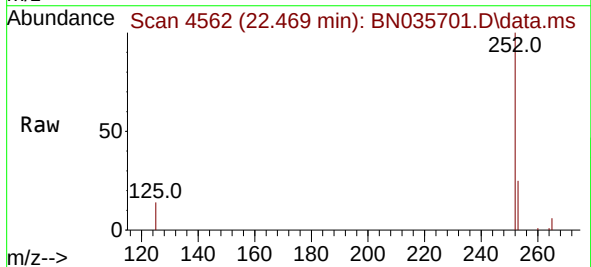
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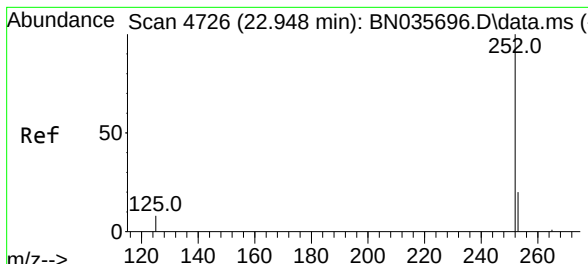
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#25
Benzo(k)fluoranthene
Concen: 1.475 ng/ul m
RT: 22.469 min Scan# 4562
Delta R.T. -0.012 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

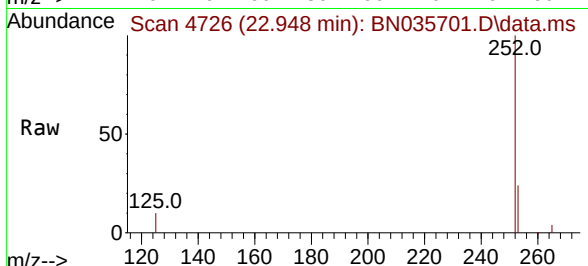
Tgt Ion:252 Resp: 60556
Ion Ratio Lower Upper
252 100
253 24.9 22.1 33.1
125 13.7 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 2.711 ng/ul
RT: 22.948 min Scan# 4726
Delta R.T. -0.014 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

Instrument :
BNA_N
ClientSampleId :
E28X0MSD

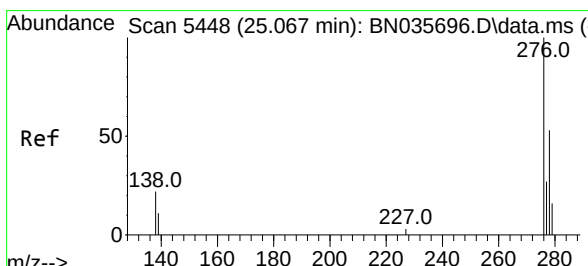
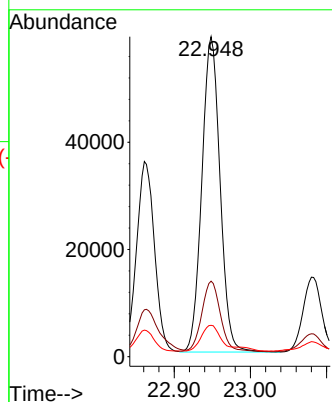


Tgt Ion:252 Resp: 97460

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.1	36.1#
125	9.8	19.1	28.7#

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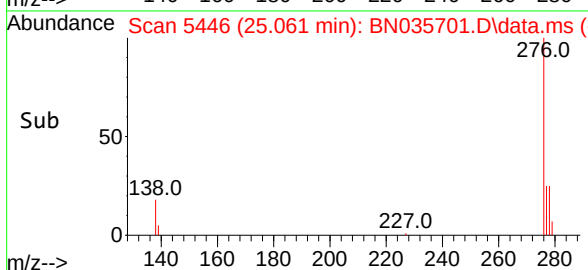
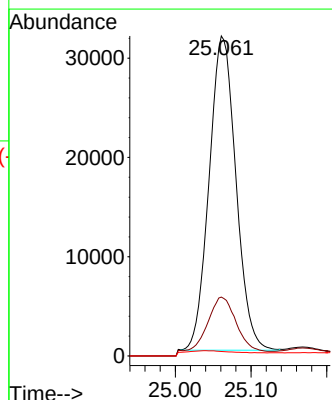
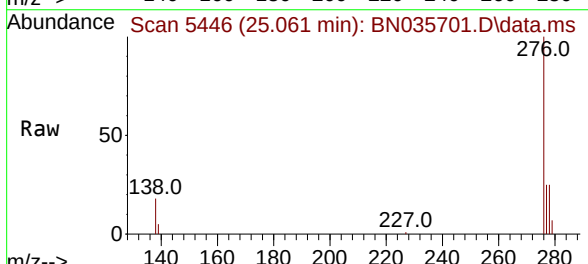
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

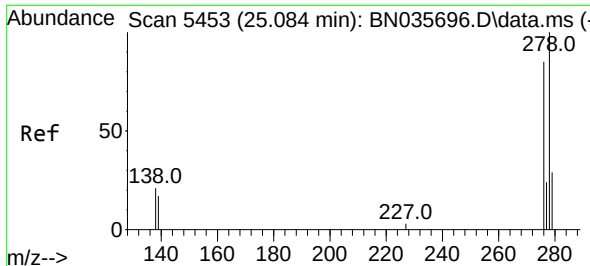


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.780 ng/ul m
RT: 25.061 min Scan# 5446
Delta R.T. -0.020 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

Tgt Ion:276 Resp: 77913

Ion	Ratio	Lower	Upper
276	100		
138	22.9	14.7	22.1#
227	0.0	21.6	32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.920 ng/ul
RT: 25.074 min Scan# 5453
Delta R.T. -0.027 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

Instrument :

BNA_N

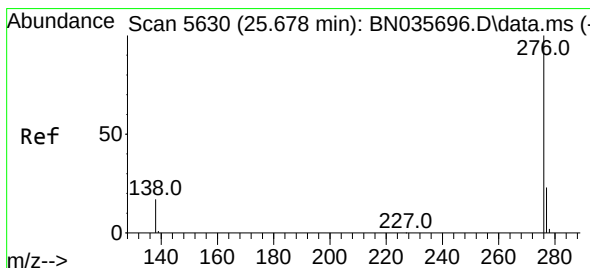
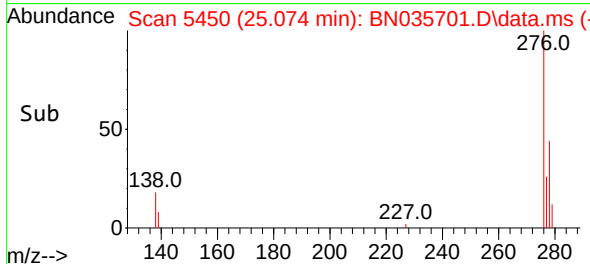
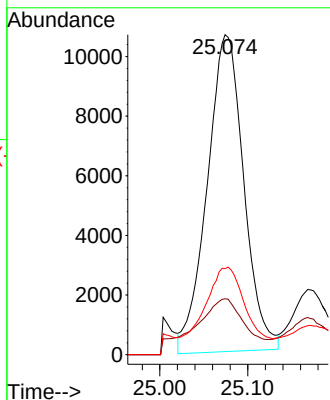
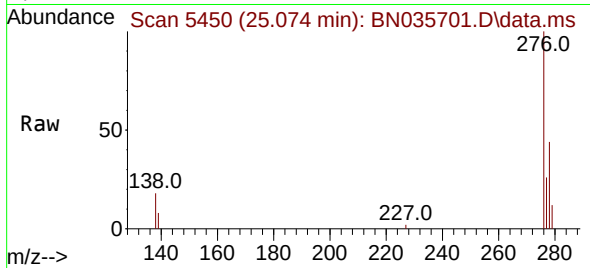
ClientSampleId :

E28X0MSD

Tgt Ion:278 Resp: 3076
Ion Ratio Lower Upper
278 100
139 17.5 19.8 29.8
279 26.9 24.0 36.0

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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#29
Benzo(g,h,i)perylene
Concen: 2.198 ng/ul
RT: 25.678 min Scan# 5630
Delta R.T. -0.020 min
Lab File: BN035701.D
Acq: 19 Dec 2024 12:05

Tgt Ion:276 Resp: 77196
Ion Ratio Lower Upper
276 100
138 18.2 19.6 29.4
277 24.6 21.6 32.4

