

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035656.D
 Acq On : 17 Dec 2024 16:00
 Operator : RC/JU
 Sample : P5232-07DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 16:39:05 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	7.280	152	2679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7859	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5341	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11308	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9351	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	10154m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1424	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	396	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	827	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	434	0.023	ng/ul#	61
7) 2-Methylnaphthalene	11.708	142	312	0.024	ng/ul	96
10) Acenaphthylene	13.657	152	1172	0.057	ng/ul#	85
11) Acenaphthene	14.009	153	421	0.027	ng/ul#	93
12) Fluorene	15.008	166	473	0.026	ng/ul#	87
15) Phenanthrene	16.755	178	8602	0.304	ng/ul	99
16) Anthracene	16.844	178	2260	0.085	ng/ul#	90
19) Fluoranthene	18.795	202	21897	0.655	ng/ul	100
20) Pyrene	19.163	202	19690	0.534	ng/ul	99
21) Benzo(a)anthracene	20.944	228	9392	0.303	ng/ul	93
22) Chrysene	20.996	228	10437	0.324	ng/ul	96
24) Benzo(b)fluoranthene	22.437	252	15032m	0.502	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	6097m	0.184	ng/ul	
26) Benzo(a)pyrene	22.957	252	10543	0.364	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.074	276	7831m	0.222	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	1662m	0.062	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	8721	0.308	ng/ul	94

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

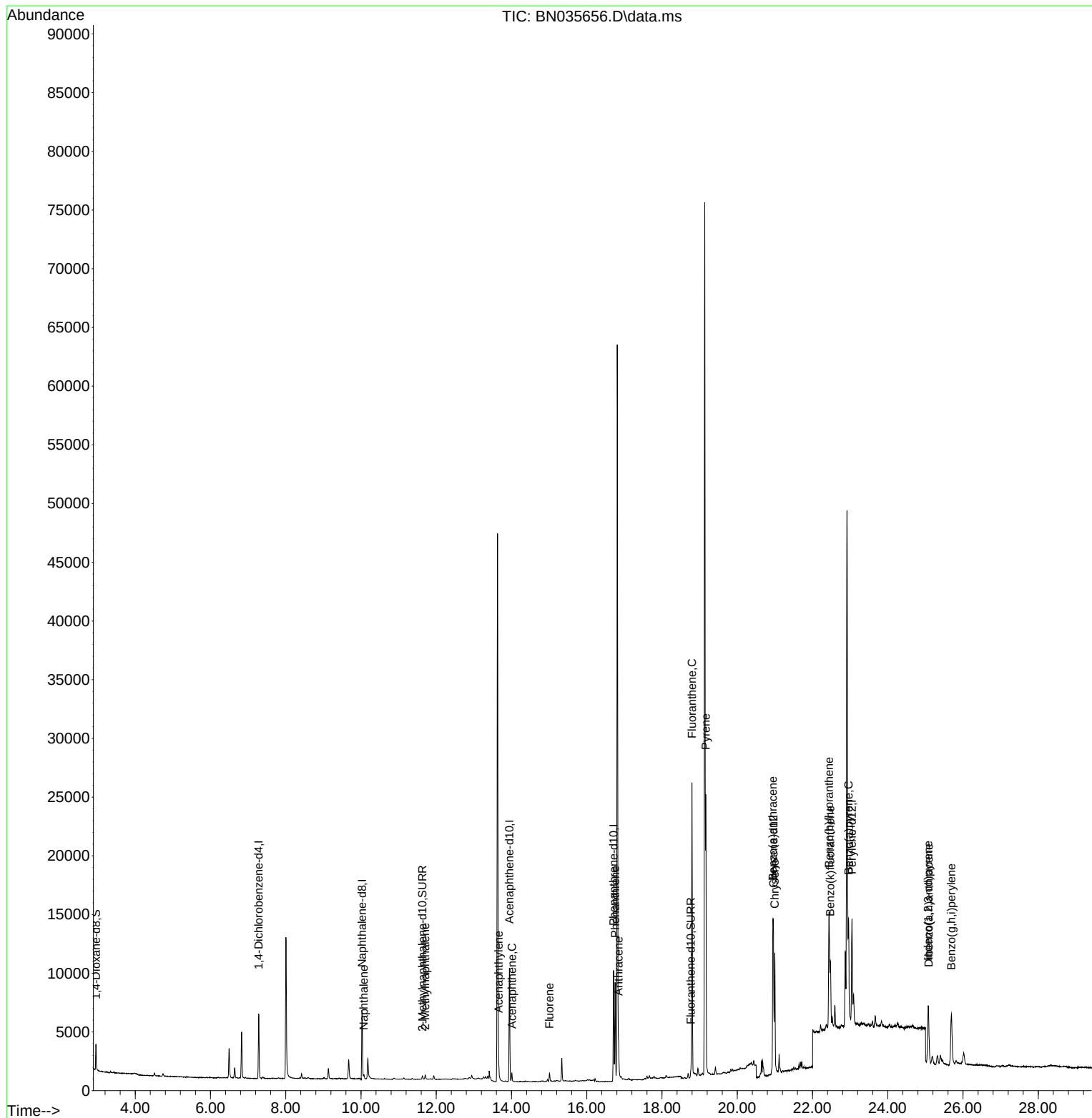
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
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ALS Vial : 46 Sample Multiplier: 1

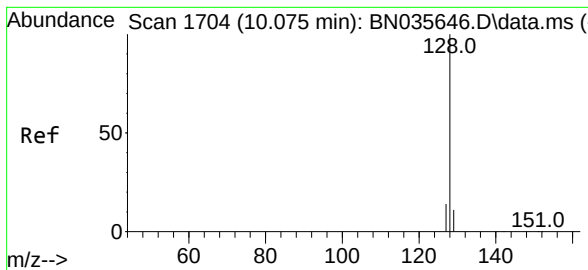
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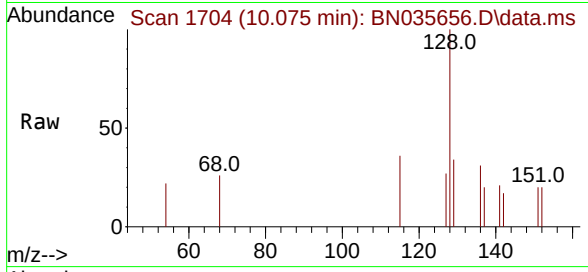
Quant Time: Dec 17 16:39:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.023 ng/ul
RT: 10.075 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

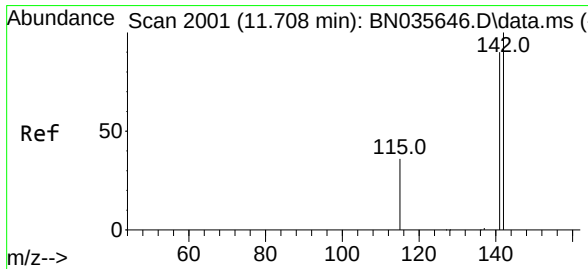
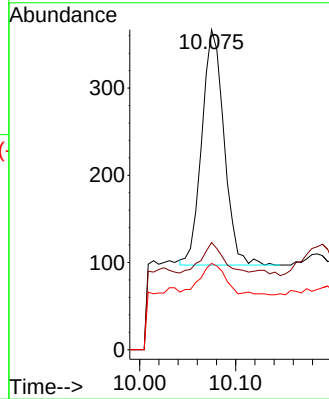
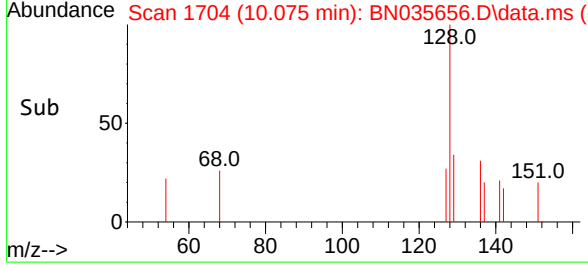
Instrument :
BNA_N
ClientSampleId :
E28S1DL



Tgt Ion:128 Resp: 434
Ion Ratio Lower Upper
128 100
129 33.5 10.8 16.2
127 27.0 12.0 18.0

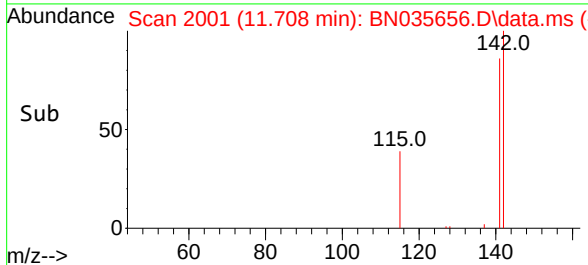
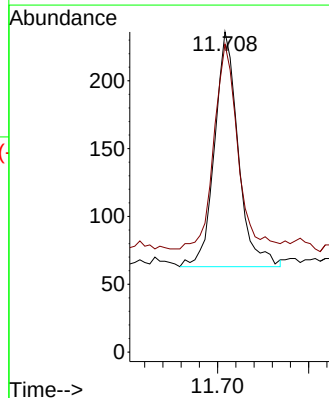
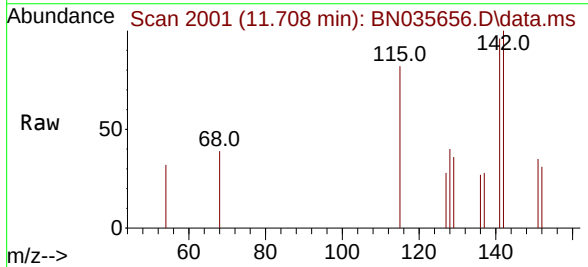
Manual Integrations
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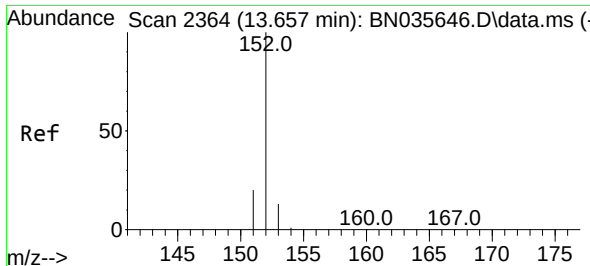
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

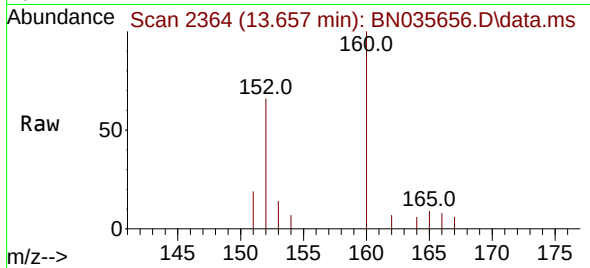
Tgt Ion:142 Resp: 312
Ion Ratio Lower Upper
142 100
141 87.5 72.8 109.2





#10
Acenaphthylene
Concen: 0.057 ng/u1
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

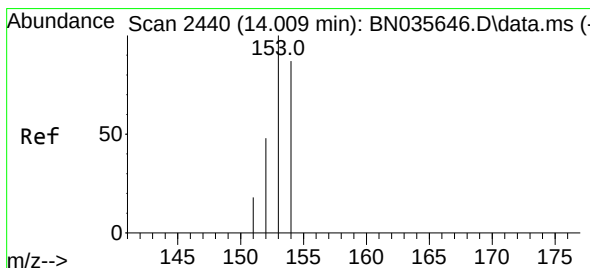
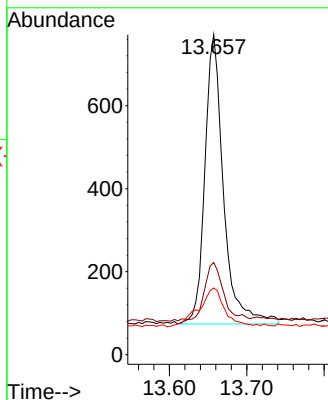
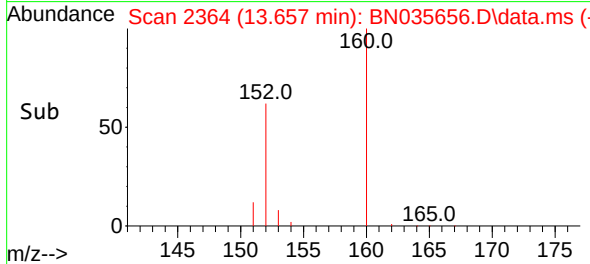
Instrument :
BNA_N
ClientSampleId :
E28S1DL



Tgt Ion:152 Resp: 1172
Ion Ratio Lower Upper
152 100
151 28.8 17.6 26.4
153 20.9 11.4 17.2

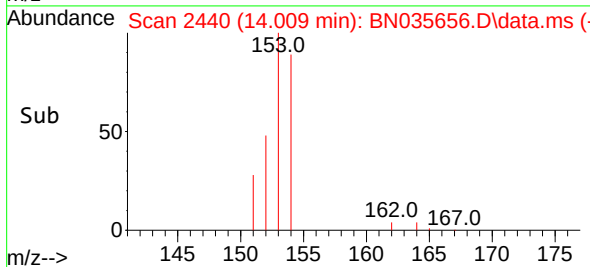
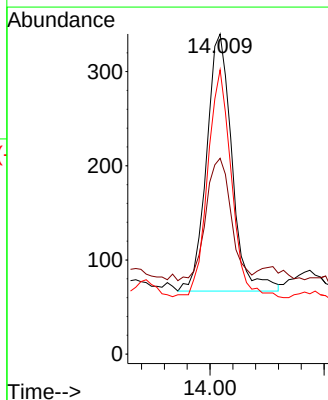
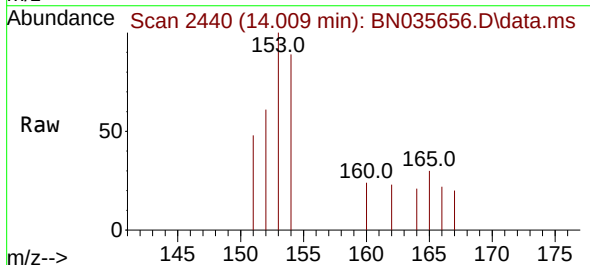
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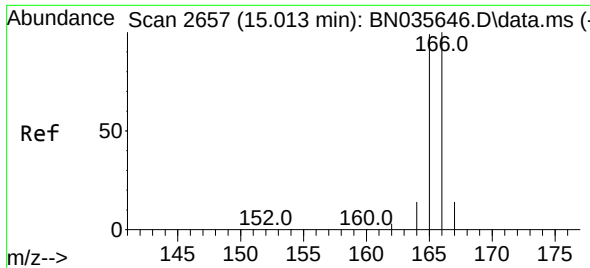
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.009 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

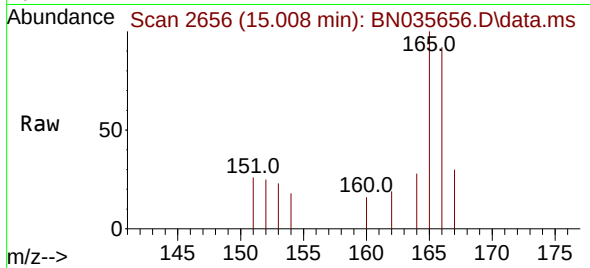
Tgt Ion:153 Resp: 421
Ion Ratio Lower Upper
153 100
152 61.2 39.8 59.6
154 88.8 69.8 104.8





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.008 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

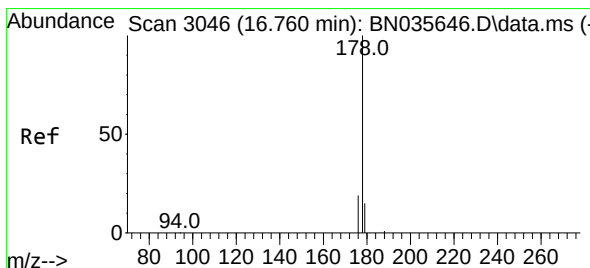
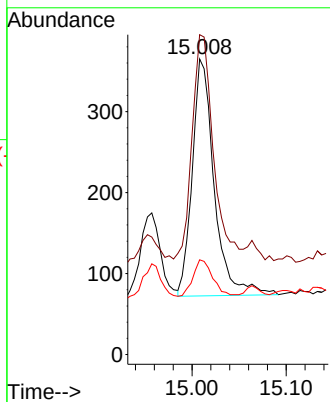
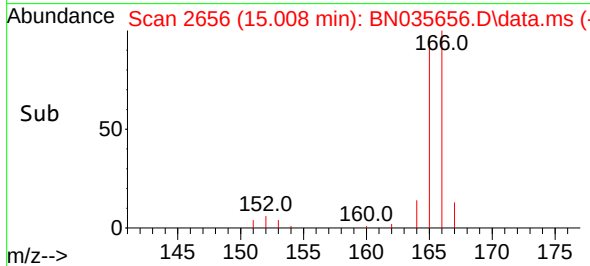
Instrument :
BNA_N
ClientSampleId :
E28S1DL



Tgt Ion:166 Resp: 47
Ion Ratio Lower Upper
166 100
165 108.2 79.5 119.3
167 32.1 11.8 17.8

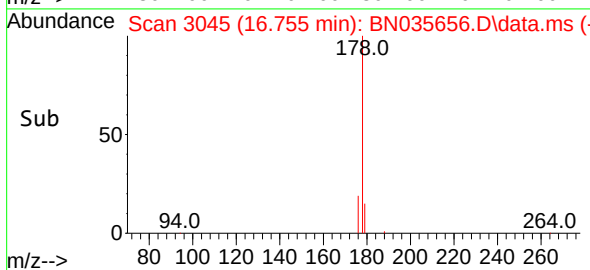
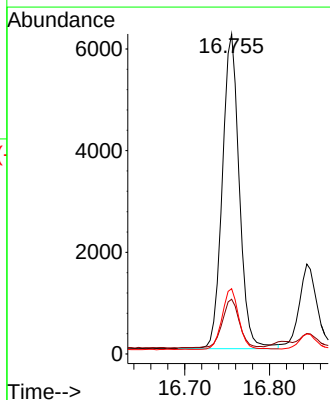
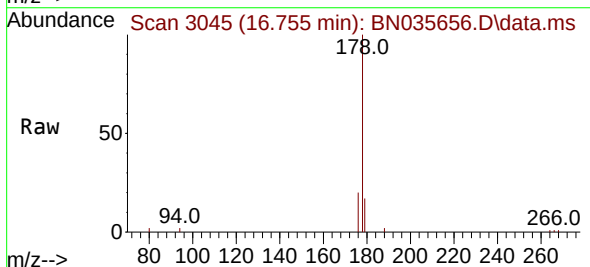
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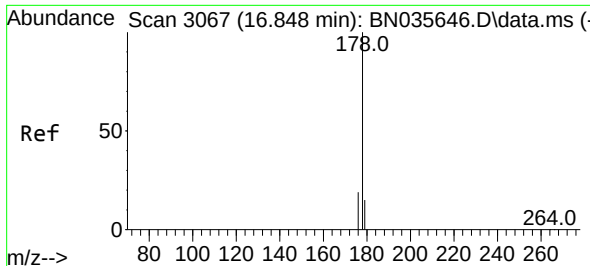
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#15
Phenanthrene
Concen: 0.304 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

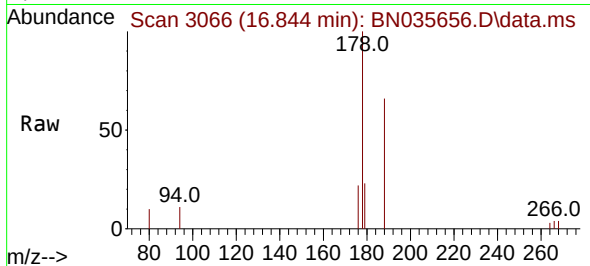
Tgt Ion:178 Resp: 8602
Ion Ratio Lower Upper
178 100
179 17.1 13.3 19.9
176 20.4 15.8 23.8





#16
 Anthracene
 Concen: 0.085 ng/ul
 RT: 16.844 min Scan# 3067
 Delta R.T. -0.004 min
 Lab File: BN035656.D
 Acq: 17 Dec 2024 16:00

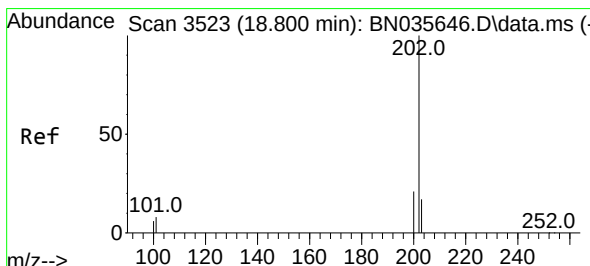
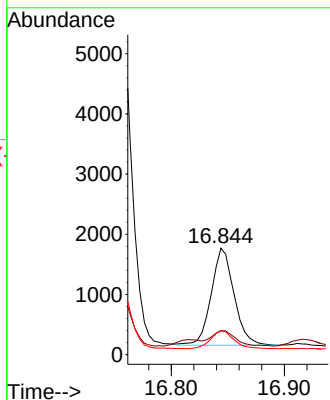
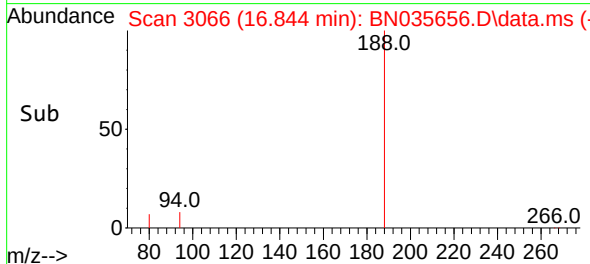
Instrument :
 BNA_N
 ClientSampleId :
 E28S1DL



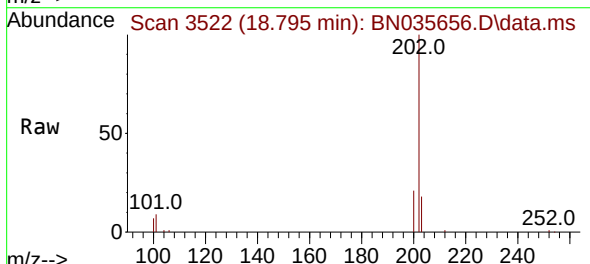
Tgt Ion:178 Resp: 2260
 Ion Ratio Lower Upper
 178 100
 179 22.7 13.4 20.0
 176 22.3 15.4 23.0

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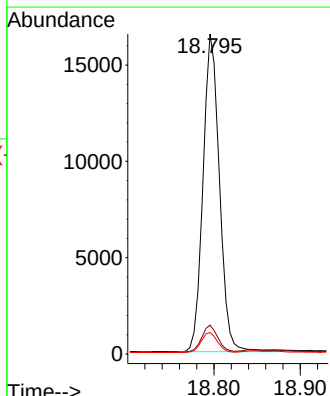
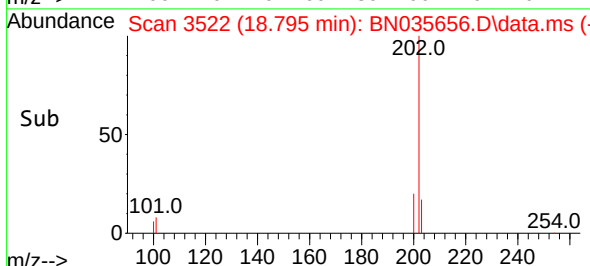
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

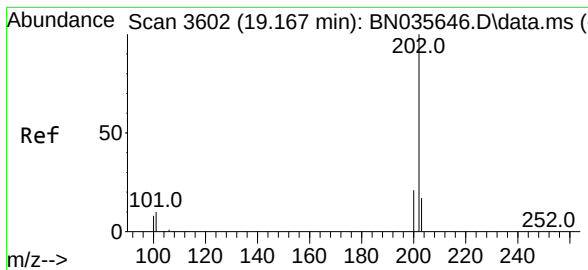


#19
 Fluoranthene
 Concen: 0.655 ng/ul
 RT: 18.795 min Scan# 3522
 Delta R.T. -0.005 min
 Lab File: BN035656.D
 Acq: 17 Dec 2024 16:00



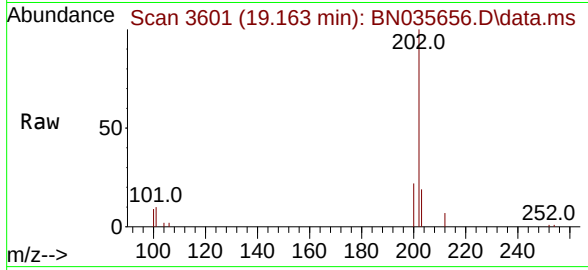
Tgt Ion:202 Resp: 21897
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.3 10.9
 100 6.7 5.4 8.0





#20
Pyrene
Concen: 0.534 ng/ul
RT: 19.163 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

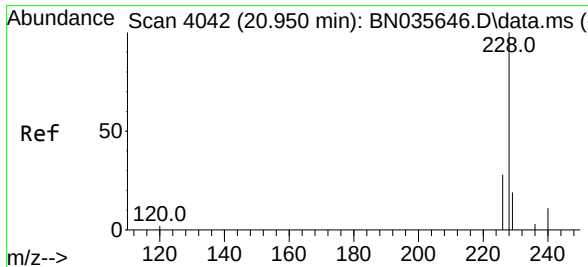
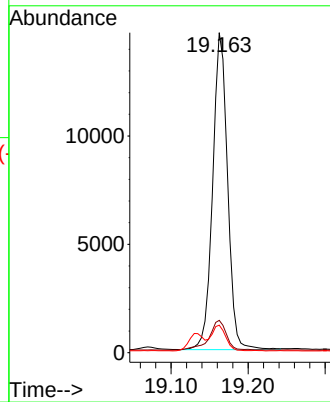
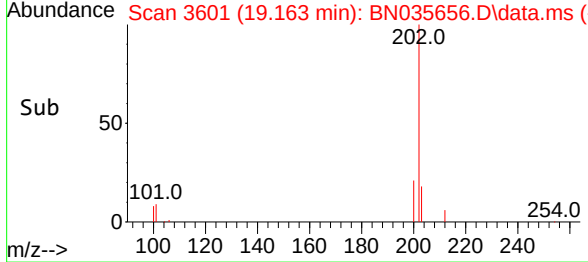
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ClientSampleId :
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Tgt Ion:	202	Resp:	19690
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.5	12.7
100	8.6	6.5	9.7

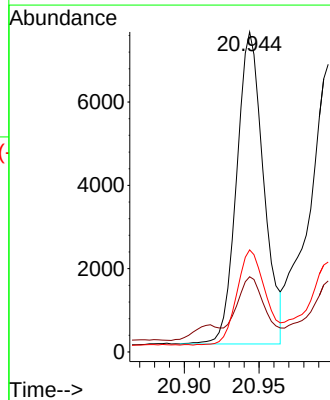
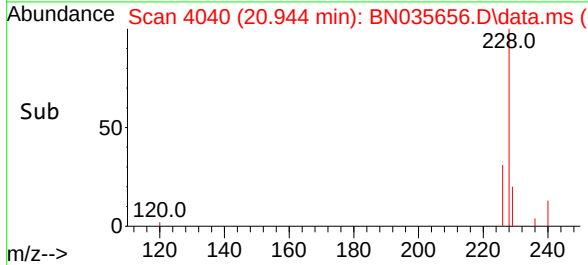
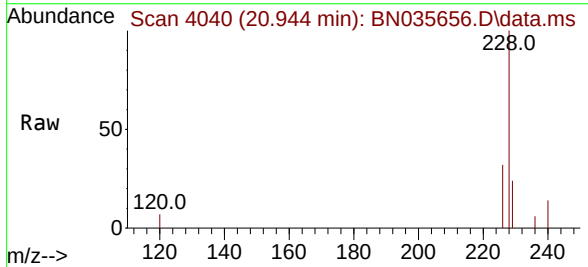
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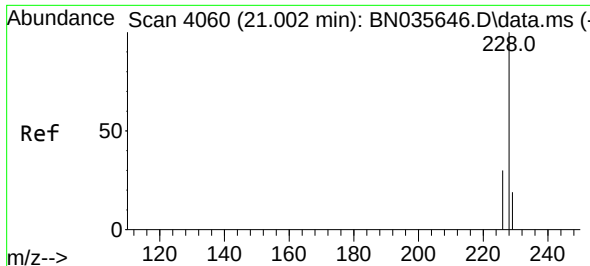
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#21
Benzo(a)anthracene
Concen: 0.303 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.006 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

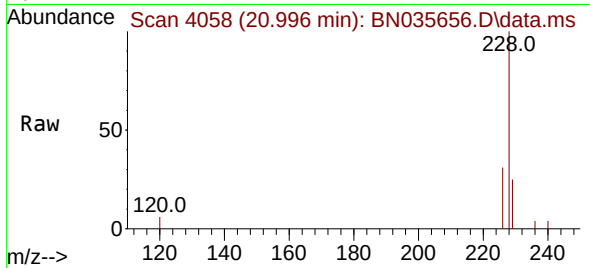
Tgt Ion:	228	Resp:	9392
Ion Ratio	Lower	Upper	
228	100		
229	23.5	16.6	25.0
226	31.9	22.5	33.7





#22
Chrysene
Concen: 0.324 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

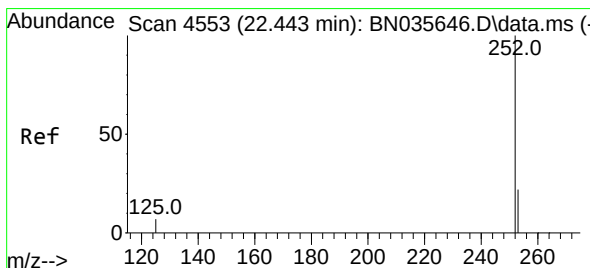
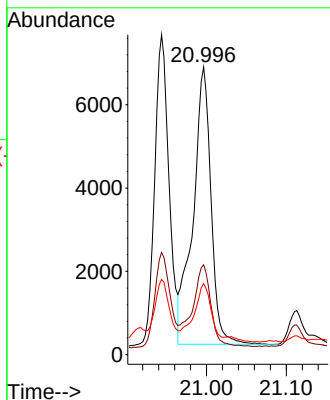
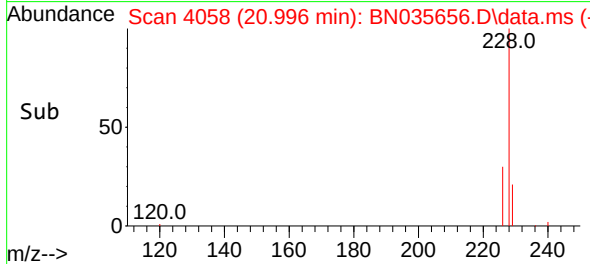
Instrument :
BNA_N
ClientSampleId :
E28S1DL



Tgt Ion:228 Resp: 1043
Ion Ratio Lower Upper
228 100
226 31.3 25.1 37.7
229 24.7 16.6 24.8

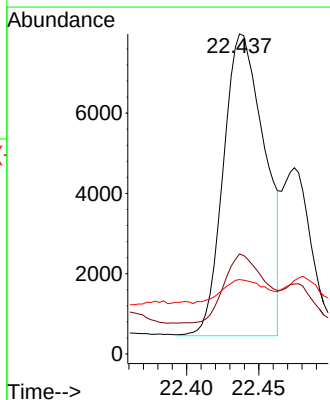
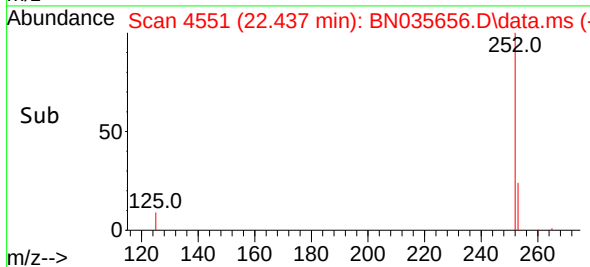
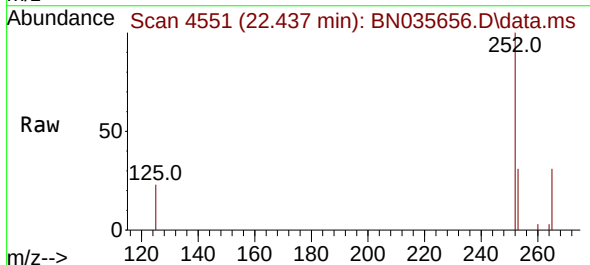
Manual Integrations
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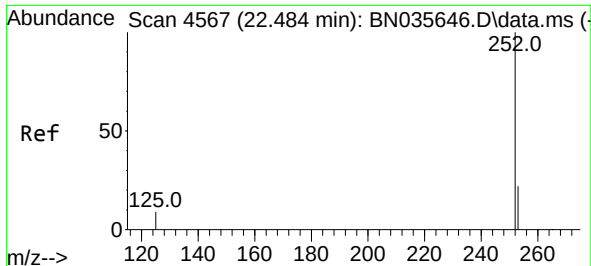
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#24
Benzo(b)fluoranthene
Concen: 0.502 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

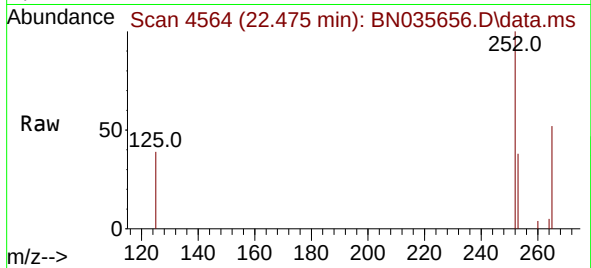
Tgt Ion:252 Resp: 15032
Ion Ratio Lower Upper
252 100
253 31.2 0.0 56.4
125 23.3 0.0 37.6





#25
Benzo(k)fluoranthene
Concen: 0.184 ng/ul m
RT: 22.475 min Scan# 4567
Delta R.T. -0.006 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

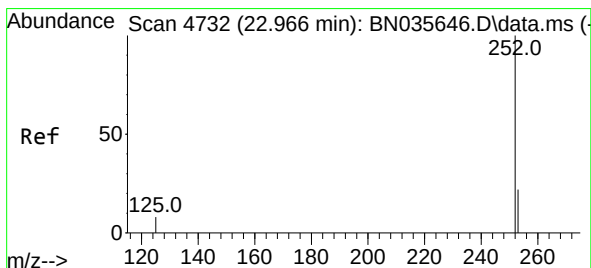
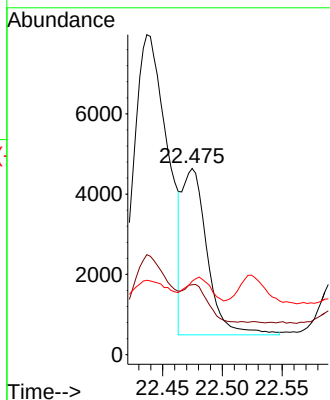
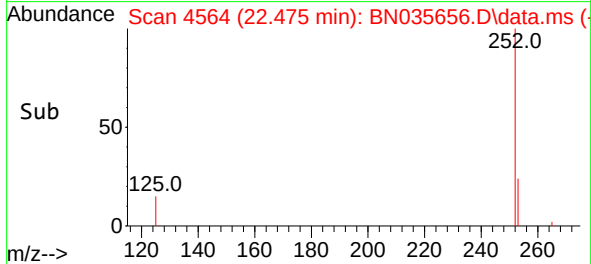
Instrument :
BNA_N
ClientSampleId :
E28S1DL



Tgt Ion:252 Resp: 609
Ion Ratio Lower Upper
252 100
253 37.5 22.1 33.1
125 39.5 15.3 22.9

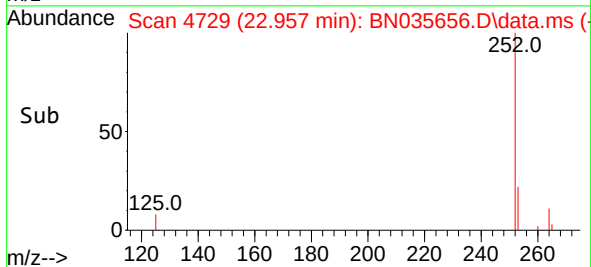
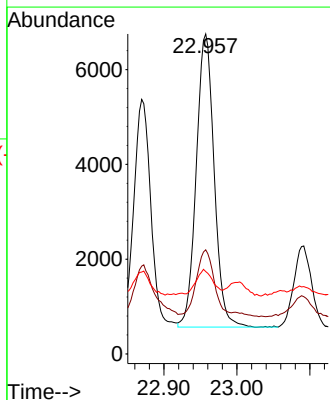
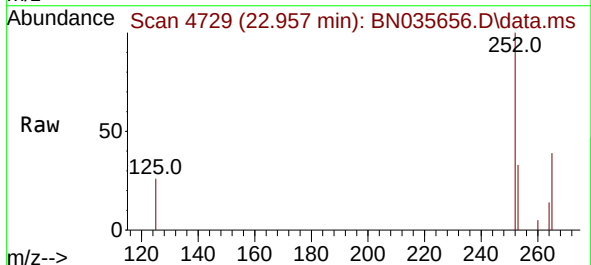
Manual Integrations
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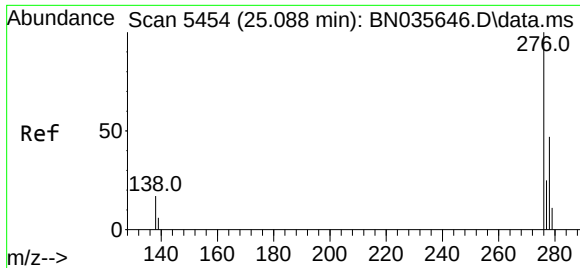
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 22.957 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

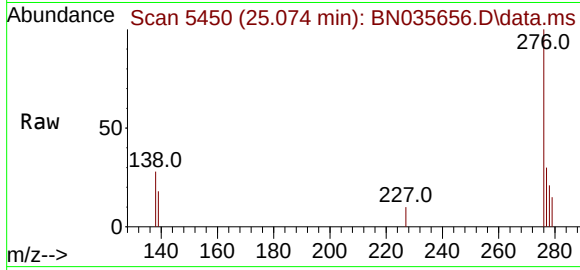
Tgt Ion:252 Resp: 10543
Ion Ratio Lower Upper
252 100
253 32.6 24.1 36.1
125 25.7 19.1 28.7





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/ul m
RT: 25.074 min Scan# 5454
Delta R.T. -0.007 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00

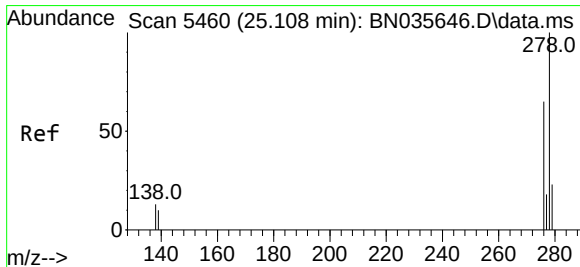
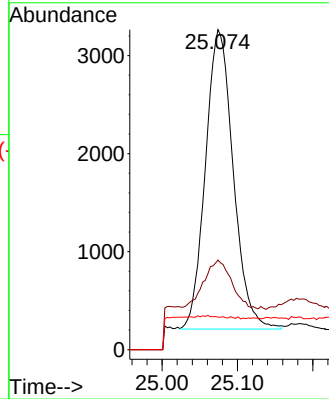
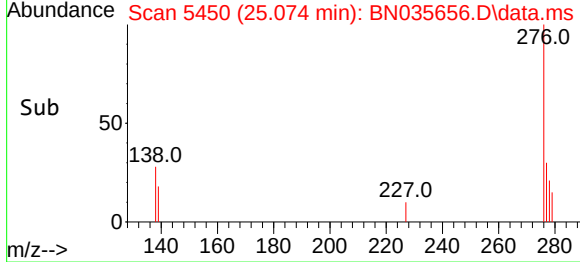
Instrument :
BNA_N
ClientSampleId :
E28S1DL



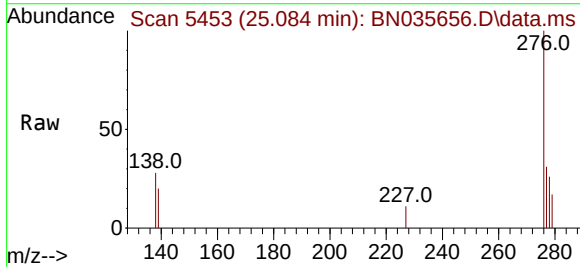
Tgt Ion:276 Resp: 783
Ion Ratio Lower Upper
276 100
138 19.0 14.7 22.1
227 65.7 21.6 32.4

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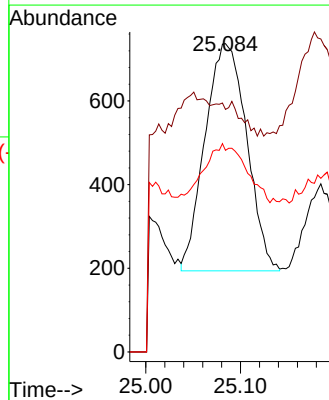
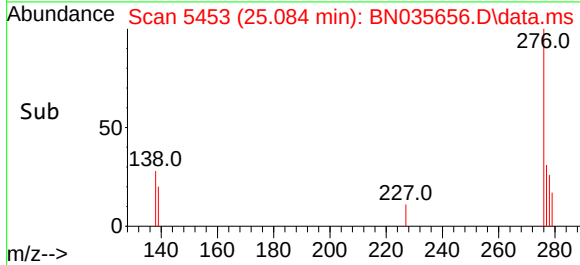
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

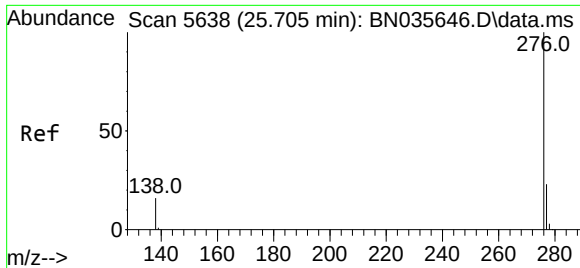


#28
Dibenzo(a,h)anthracene
Concen: 0.062 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. -0.017 min
Lab File: BN035656.D
Acq: 17 Dec 2024 16:00



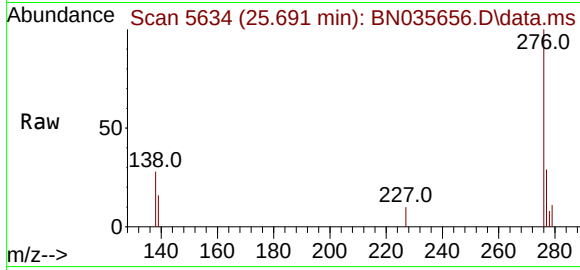
Tgt Ion:278 Resp: 1662
Ion Ratio Lower Upper
278 100
139 78.7 19.8 29.8#
279 65.4 24.0 36.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.308 ng/ul
 RT: 25.691 min Scan# 50
 Delta R.T. -0.007 min
 Lab File: BN035656.D
 Acq: 17 Dec 2024 16:00

Instrument :
 BNA_N
 ClientSampleId :
 E28S1DL



Tgt Ion:	276	Resp:	872
Ion Ratio	Lower	Upper	
276	100		
138	28.2	19.6	29.4
277	29.5	21.6	32.4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

