

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035624.D
 Acq On : 16 Dec 2024 19:24
 Operator : RC/JU
 Sample : P5232-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28S9

Manual Integrations
 APPROVED

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

Quant Time: Dec 16 21:56:31 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	7.284	152	2645	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7928	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5682	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12759	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	10858	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	11600m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5395	2.301	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	1515	0.134	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	3614	0.114	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	1365m	0.070	ng/ul	
7) 2-Methylnaphthalene	11.708	142	919	0.070	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	664	0.049	ng/ul	97
10) Acenaphthylene	13.657	152	475	0.022	ng/ul#	58
15) Phenanthrene	16.755	178	4637	0.145	ng/ul	97
16) Anthracene	16.848	178	856	0.029	ng/ul#	72
19) Fluoranthene	18.795	202	11347	0.292	ng/ul	99
20) Pyrene	19.163	202	10389	0.243	ng/ul	98
21) Benzo(a)anthracene	20.944	228	4477	0.124	ng/ul	92
22) Chrysene	20.996	228	6386m	0.171	ng/ul	
24) Benzo(b)fluoranthene	22.437	252	8928m	0.261	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	3568m	0.094	ng/ul	
26) Benzo(a)pyrene	22.954	252	5849	0.177	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.071	276	4612m	0.114	ng/ul	
28) Dibenzo(a,h)anthracene	25.081	278	1052m	0.034	ng/ul	
29) Benzo(g,h,i)perylene	25.685	276	4763	0.147	ng/ul#	88

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

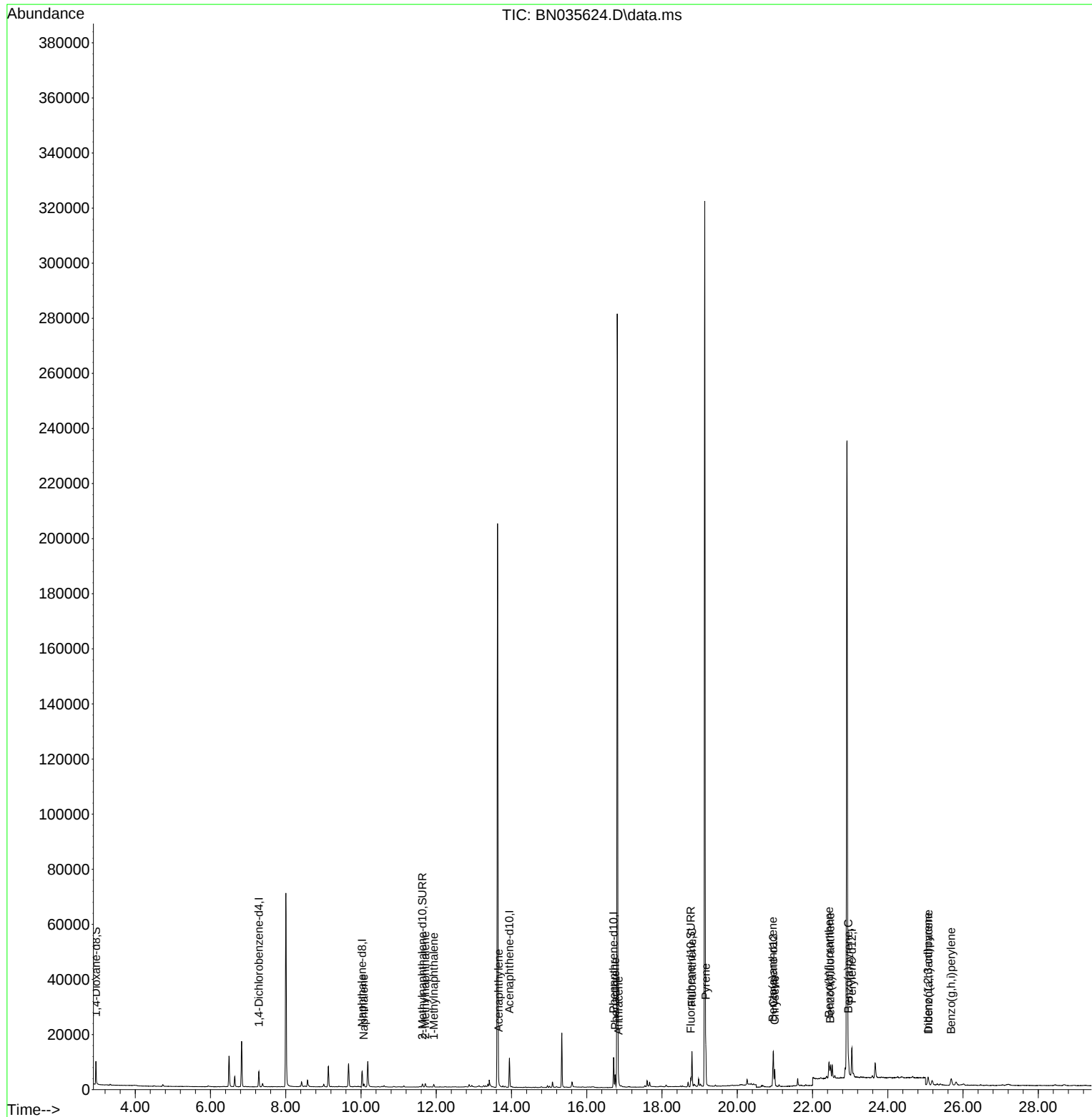
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035624.D
Acq On : 16 Dec 2024 19:24
Operator : RC/JU
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ALS Vial : 13 Sample Multiplier: 1

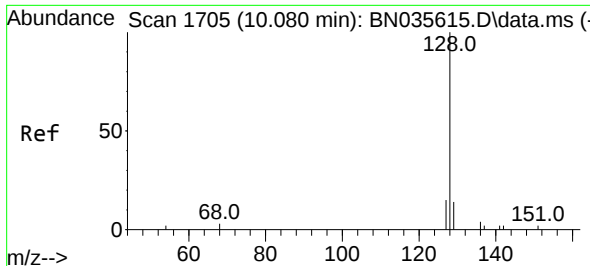
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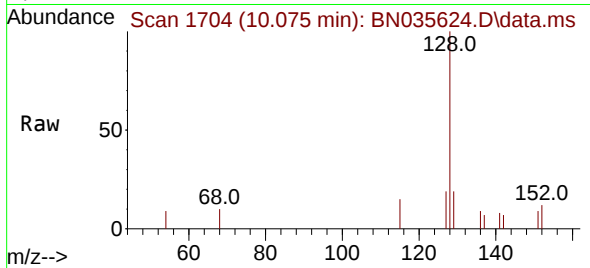
Quant Time: Dec 16 21:56:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.070 ng/ul m
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

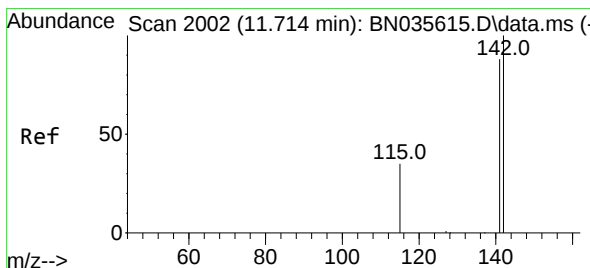
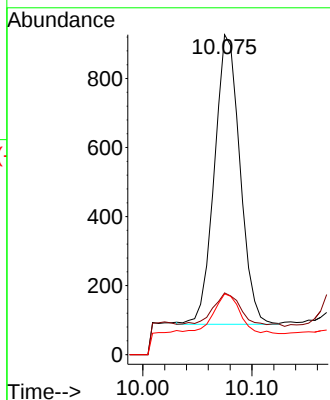
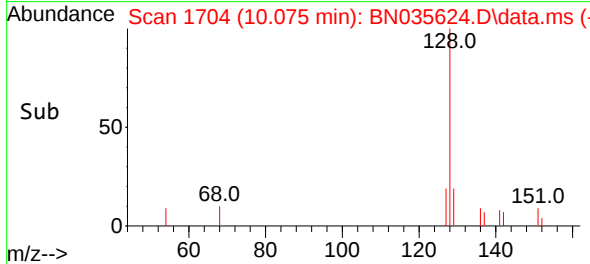
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:128 Resp: 136
Ion Ratio Lower Upper
128 100
129 19.3 10.8 16.2
127 19.0 12.0 18.0

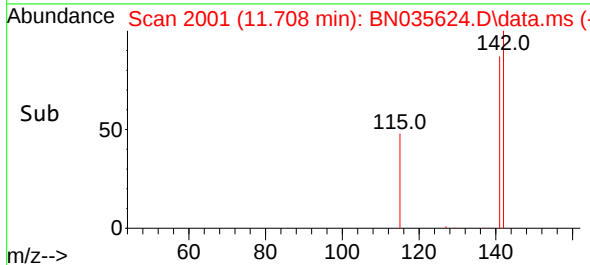
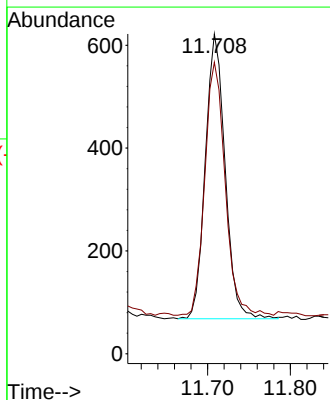
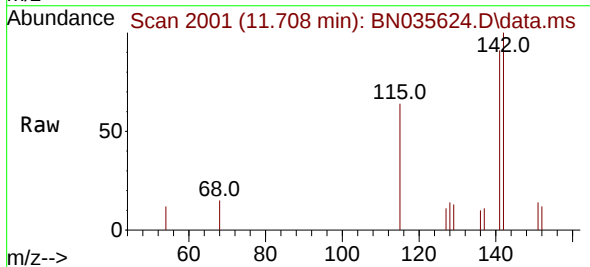
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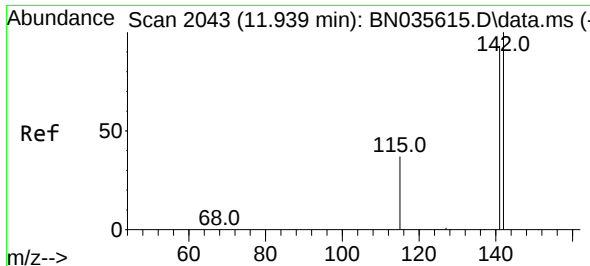
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

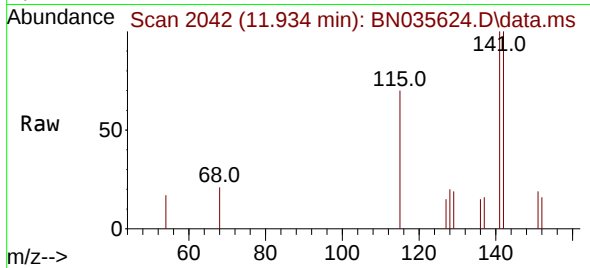
Tgt Ion:142 Resp: 919
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2





#8
1-Methylnaphthalene
Concen: 0.049 ng/ul
RT: 11.934 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

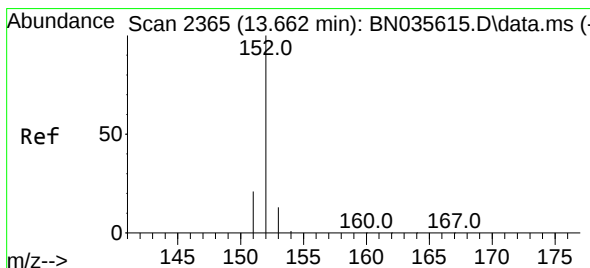
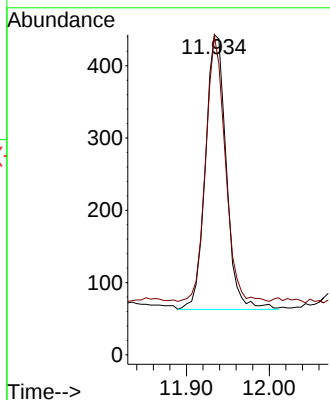
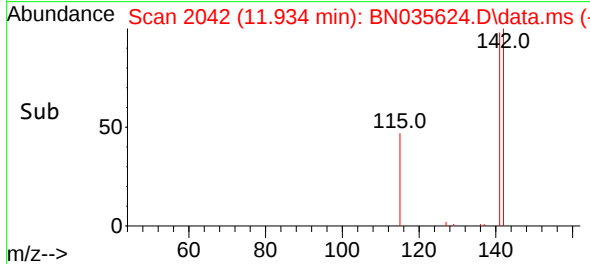
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:142 Resp: 664
Ion Ratio Lower Upper
142 100
141 90.5 74.7 112.1

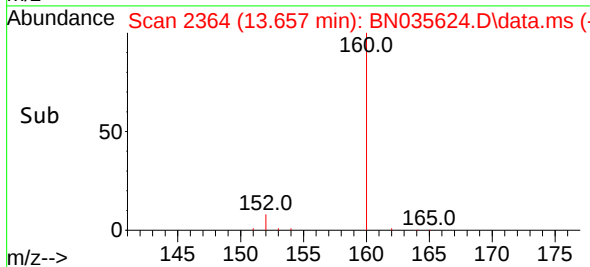
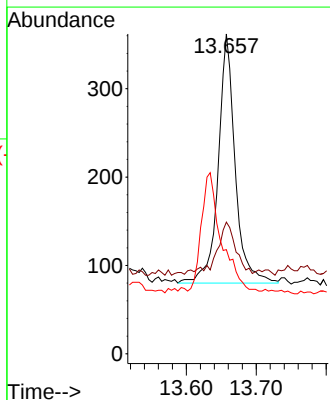
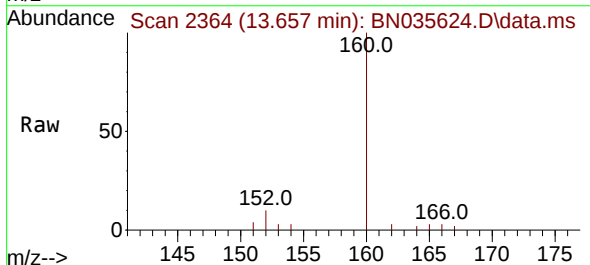
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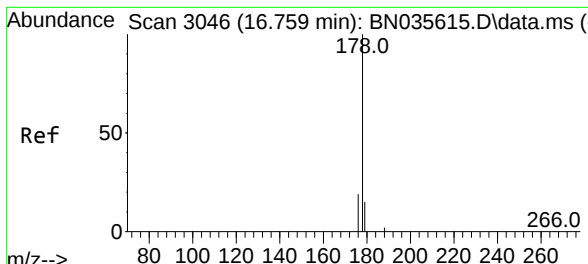
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 13.657 min Scan# 2364
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

Tgt Ion:152 Resp: 475
Ion Ratio Lower Upper
152 100
151 41.2 17.6 26.4#
153 32.6 11.4 17.2#



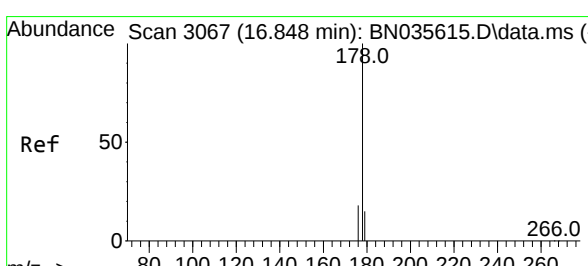
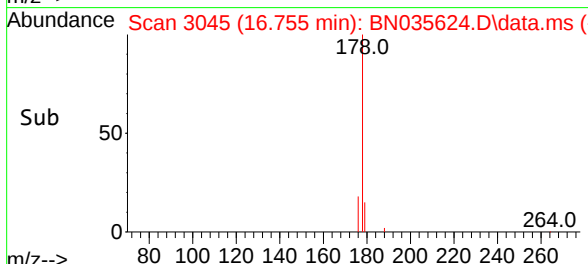
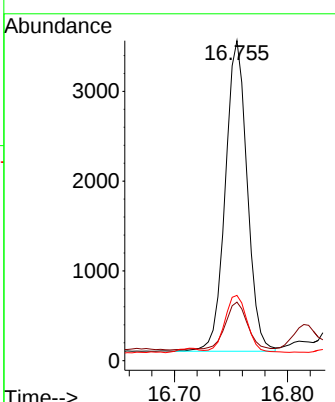
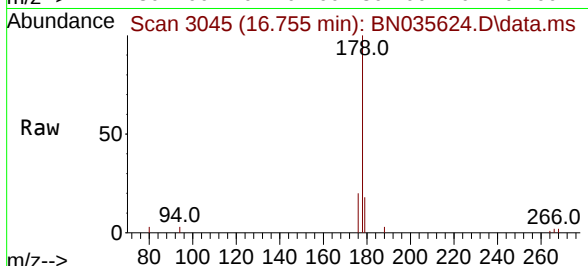


#15
 Phenanthrene
 Concen: 0.145 ng/ul
 RT: 16.755 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN035624.D
 Acq: 16 Dec 2024 19:24

Instrument : BNA_N
 ClientSampleId : E28S9

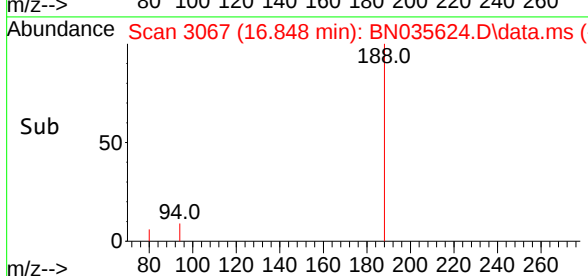
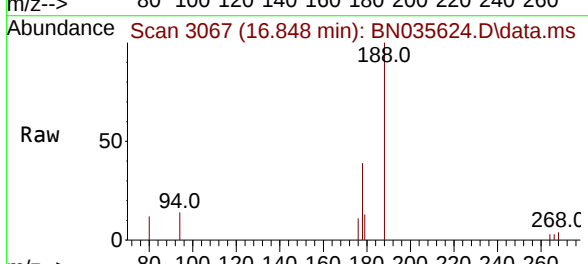
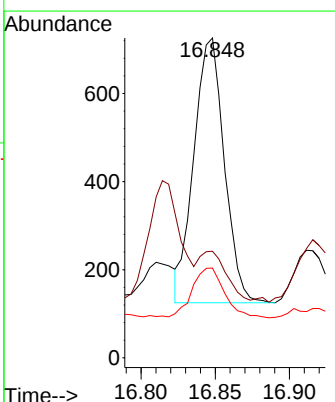
Tgt Ion:	178	Resp:	463
Ion Ratio	Lower	Upper	
178	100		
179	18.3	13.3	19.9
176	20.4	15.8	23.8

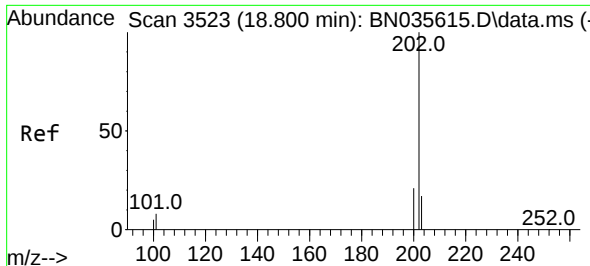
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 Supervised By :mohammad ahmed 12/21/2024



#16
 Anthracene
 Concen: 0.029 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035624.D
 Acq: 16 Dec 2024 19:24

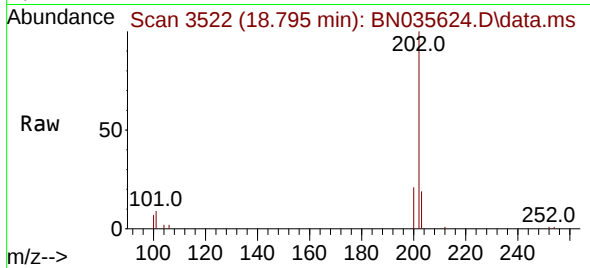
Tgt Ion:	178	Resp:	856
Ion Ratio	Lower	Upper	
178	100		
179	33.3	13.4	20.0#
176	28.1	15.4	23.0#





#19
Fluoranthene
Concen: 0.292 ng/ul
RT: 18.795 min Scan# 311
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

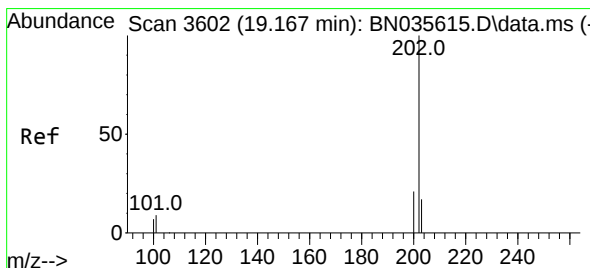
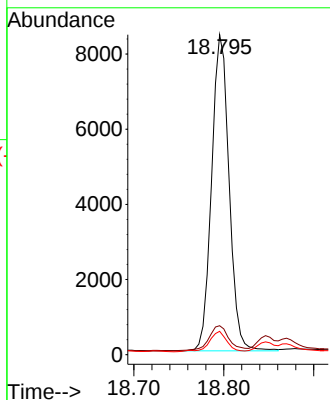
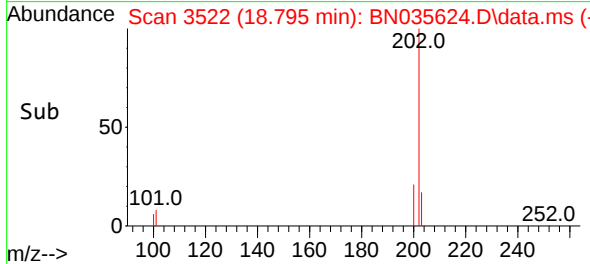
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:202 Resp: 1134
Ion Ratio Lower Upper
202 100
101 9.1 7.3 10.9
100 7.3 5.4 8.0

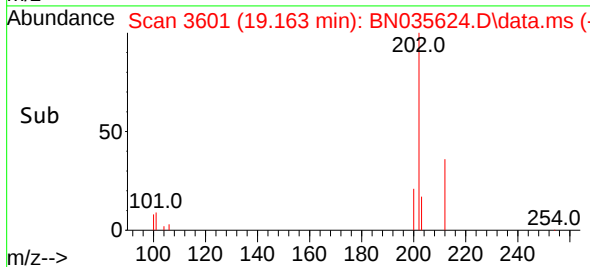
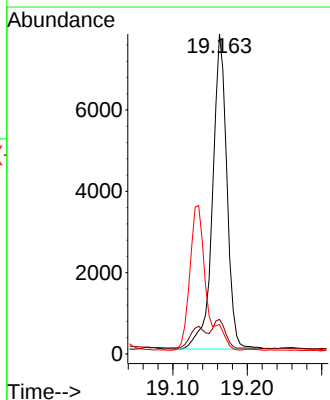
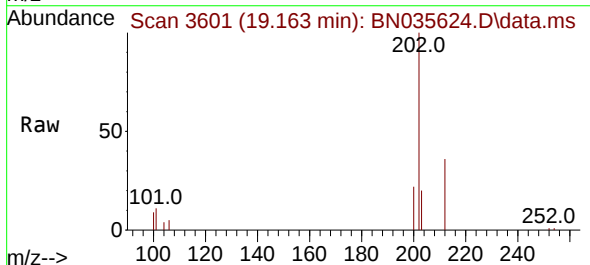
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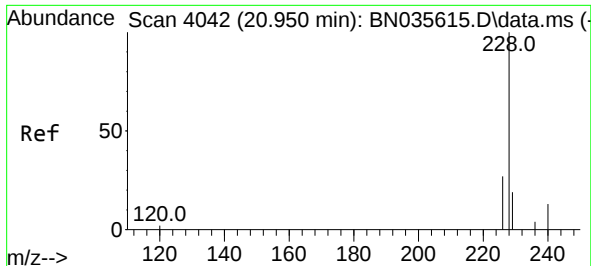
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.243 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

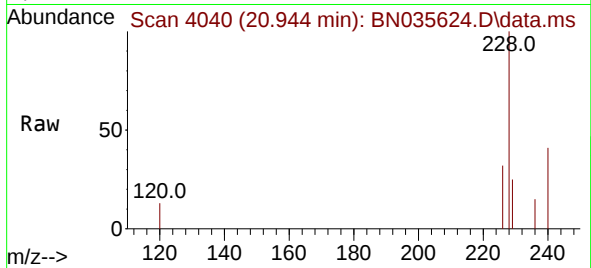
Tgt Ion:202 Resp: 10389
Ion Ratio Lower Upper
202 100
101 10.8 8.5 12.7
100 9.2 6.5 9.7





#21
Benzo(a)anthracene
Concen: 0.124 ng/ul
RT: 20.944 min Scan# 4042
Delta R.T. -0.006 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

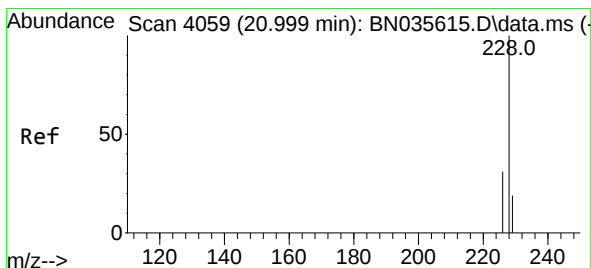
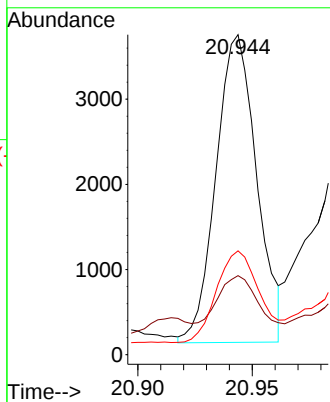
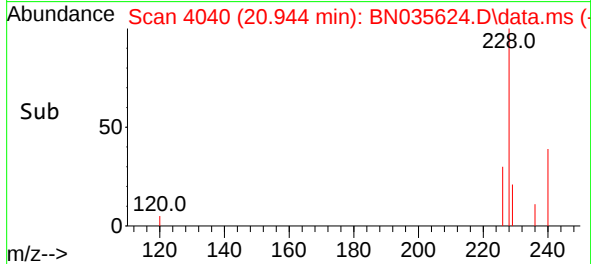
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:228 Resp: 447
Ion Ratio Lower Upper
228 100
229 24.7 16.6 25.0
226 32.4 22.5 33.7

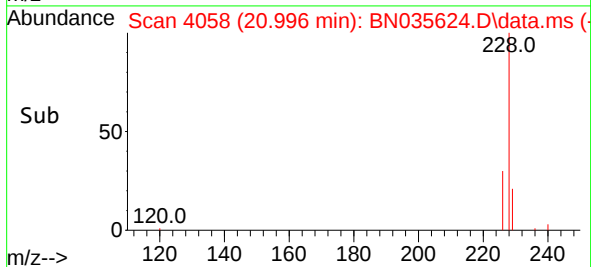
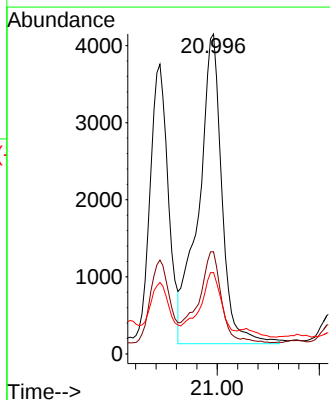
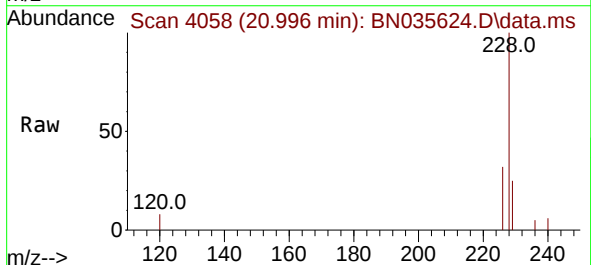
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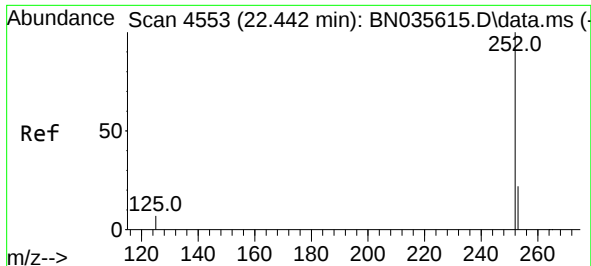
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#22
Chrysene
Concen: 0.171 ng/ul m
RT: 20.996 min Scan# 4058
Delta R.T. -0.003 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

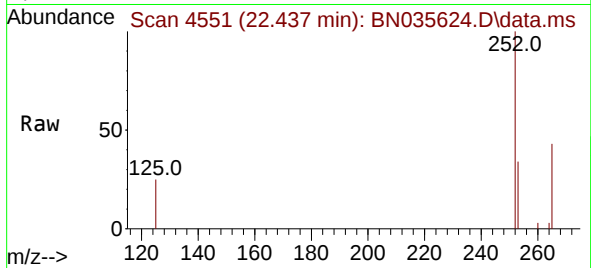
Tgt Ion:228 Resp: 6386
Ion Ratio Lower Upper
228 100
226 32.0 25.1 37.7
229 25.5 16.6 24.8#





#24
Benzo(b)fluoranthene
Concen: 0.261 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

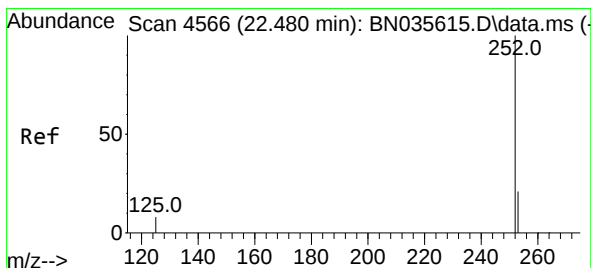
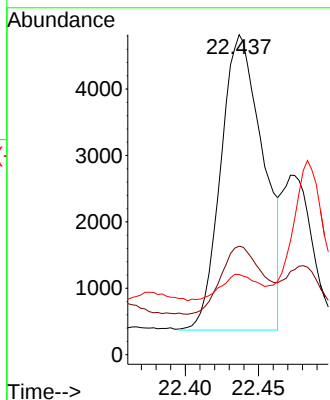
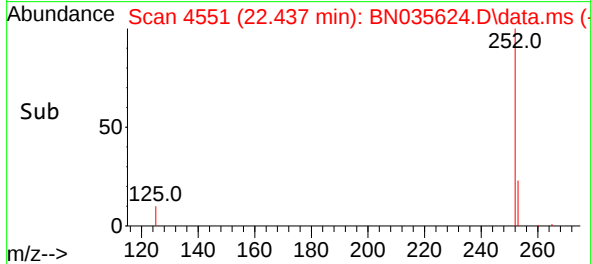
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:252 Resp: 8928
Ion Ratio Lower Upper
252 100
253 33.9 0.0 56.4
125 25.1 0.0 37.6

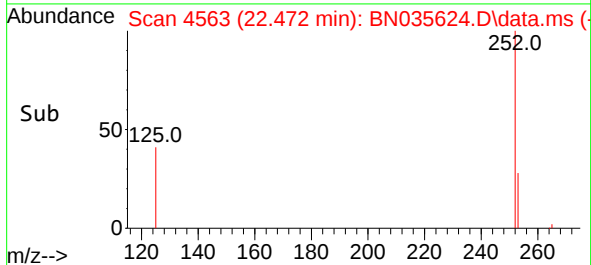
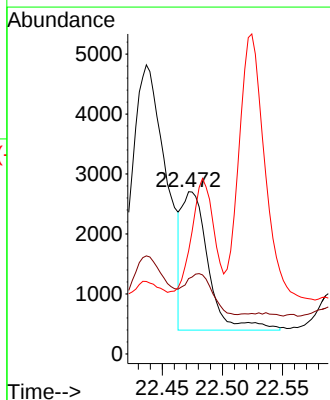
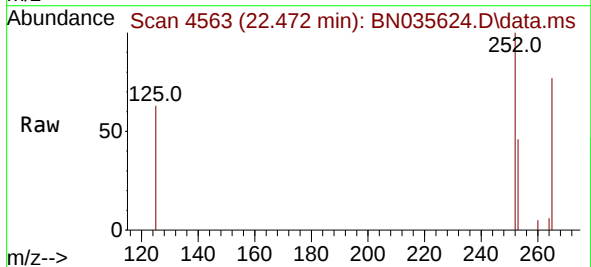
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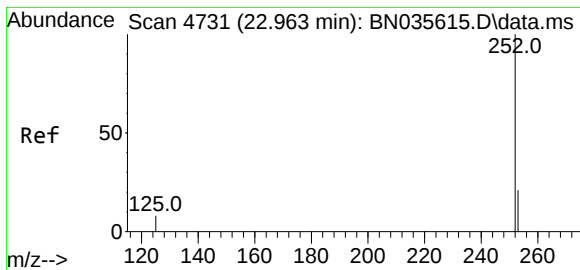
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

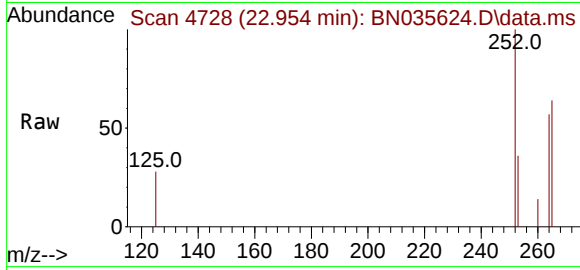
Tgt Ion:252 Resp: 3568
Ion Ratio Lower Upper
252 100
253 46.4 22.1 33.1#
125 63.4 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.177 ng/ul
RT: 22.954 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

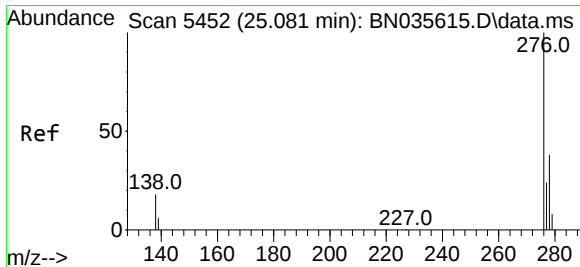
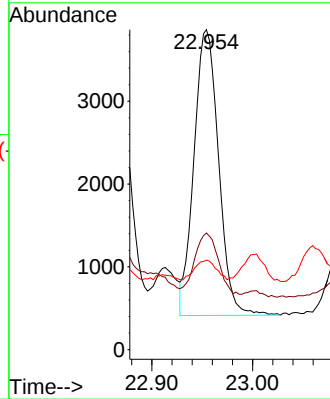
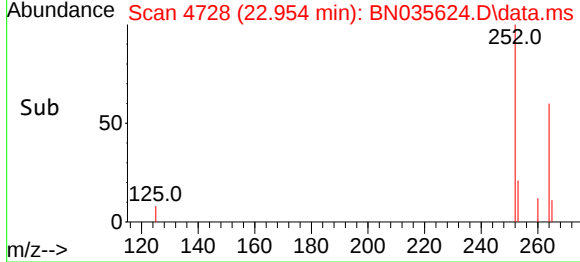
Instrument :
BNA_N
ClientSampleId :
E28S9



Tgt Ion:252 Resp: 5849
Ion Ratio Lower Upper
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253 36.5 24.1 36.1#
125 28.0 19.1 28.7

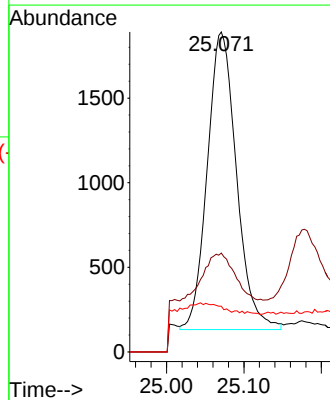
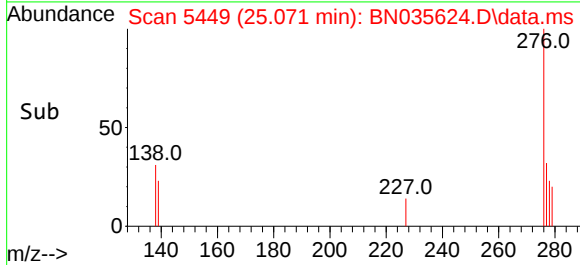
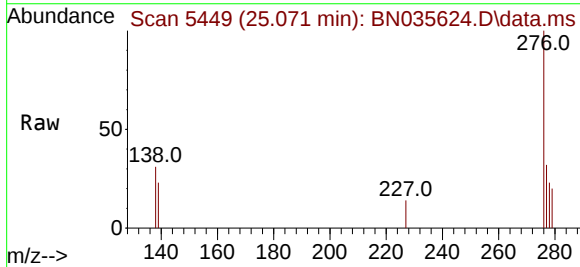
Manual Integrations
APPROVED

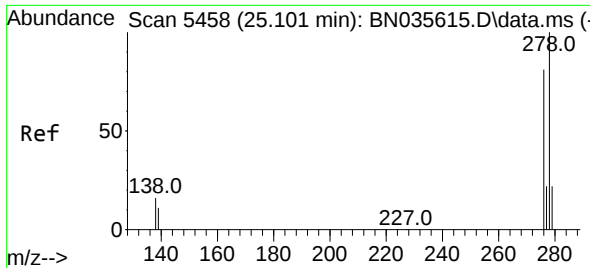
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul m
RT: 25.071 min Scan# 5449
Delta R.T. -0.010 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

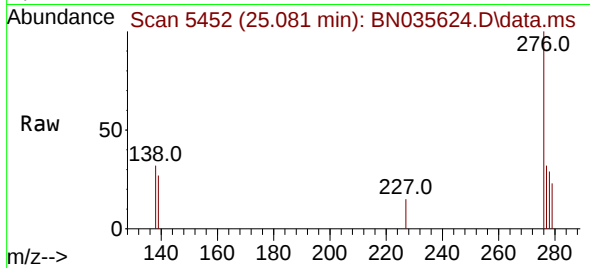
Tgt Ion:276 Resp: 4612
Ion Ratio Lower Upper
276 100
138 0.0 14.7 22.1#
227 0.0 21.6 32.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.034 ng/ul m
RT: 25.081 min Scan# 5458
Delta R.T. -0.020 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24

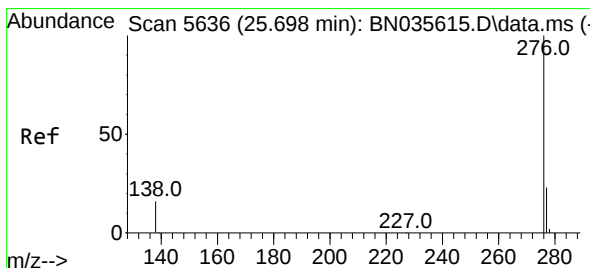
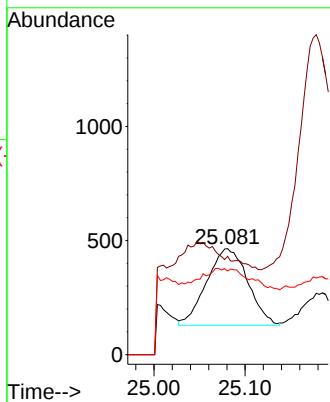
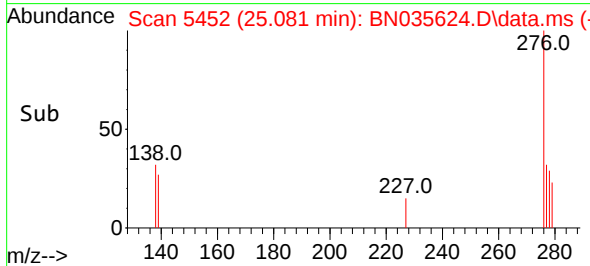
Instrument :
BNA_N
ClientSampleId :
E28S9



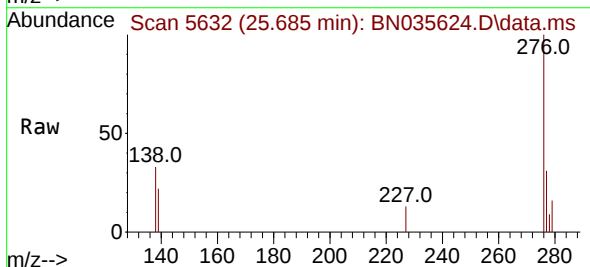
Tgt Ion:278 Resp: 1052
Ion Ratio Lower Upper
278 100
139 92.7 19.8 29.8
279 78.9 24.0 36.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.147 ng/ul
RT: 25.685 min Scan# 5632
Delta R.T. -0.013 min
Lab File: BN035624.D
Acq: 16 Dec 2024 19:24



Tgt Ion:276 Resp: 4763
Ion Ratio Lower Upper
276 100
138 32.8 19.6 29.4
277 31.3 21.6 32.4

