

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
 Data File : BN033647.D
 Acq On : 28 Aug 2024 15:57
 Operator : MA/JU
 Sample : P3711-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E24A1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/29/2024
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 28 16:30:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:48:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	5405	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	14924	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.179	164	7906	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.927	188	16669m	0.400	ng/ul	0.00
17) Chrysene-d12	21.141	240	12920m	0.400	ng/ul	0.00
23) Perylene-d12	23.307	264	13450m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	26041	4.686	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	5986	0.280	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	17018	0.442	ng/ul	0.00
Target Compounds						Qvalue
14) Pentachlorophenol	16.581	266	227m	0.043	ng/ul	
15) Phenanthrene	16.969	178	1079m	0.022	ng/ul	
19) Fluoranthene	18.994	202	1408	0.028	ng/ul#	75
24) Benzo(b)fluoranthene	22.664	252	1165	0.022	ng/ul#	1
25) Benzo(k)fluoranthene	22.708	252	1106	0.021	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.455	276	1503	0.024	ng/ul	90
28) Dibenzo(a,h)anthracene	25.472	278	1110	0.023	ng/ul#	11
29) Benzo(g,h,i)perylene	26.102	276	1268	0.026	ng/ul#	50

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

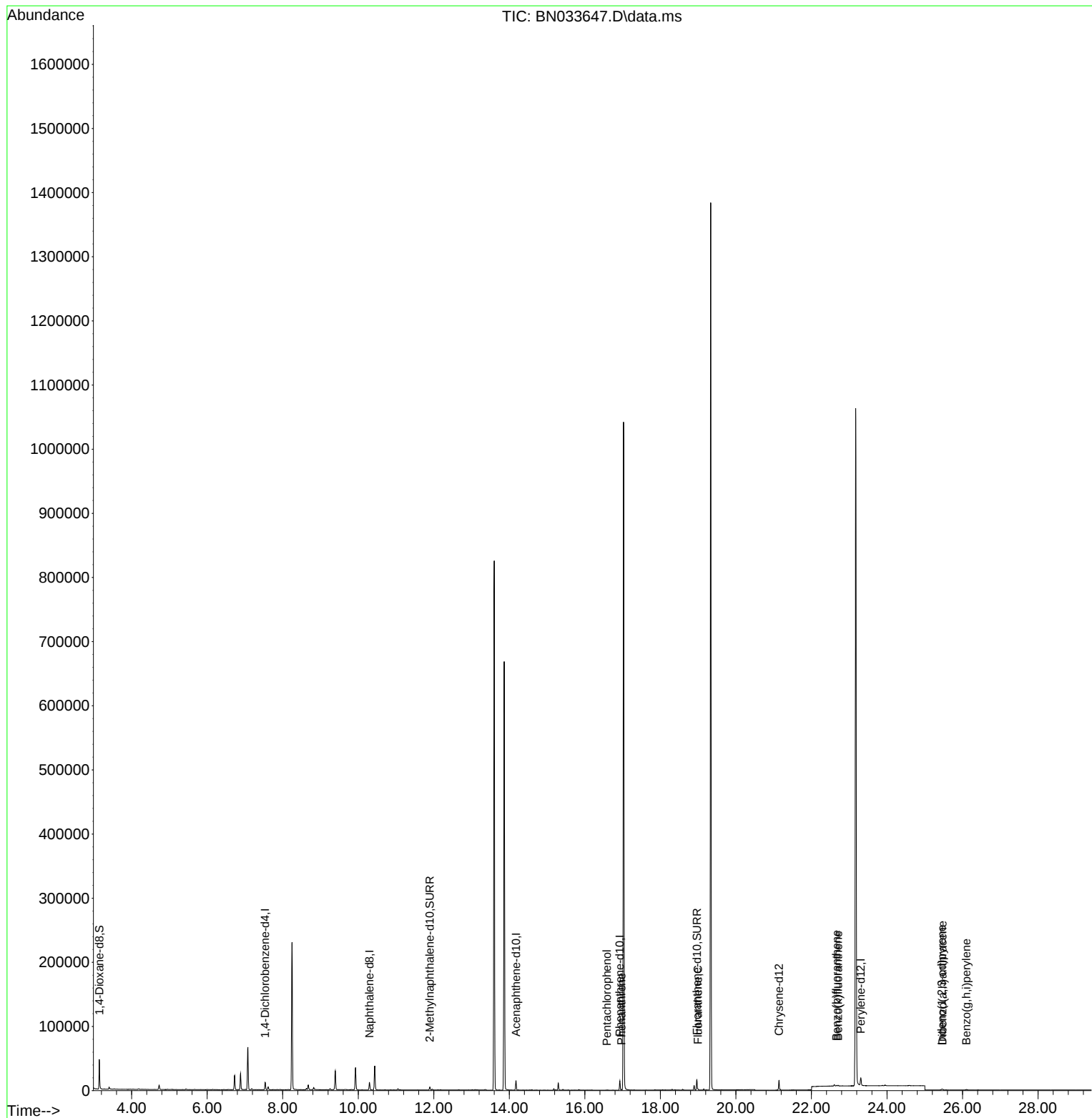
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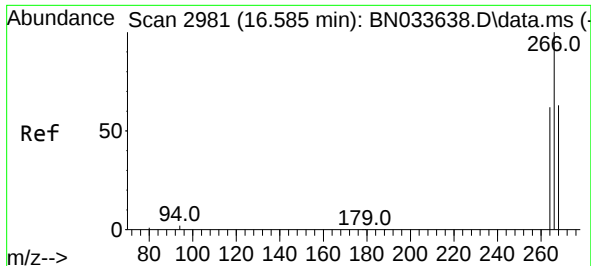
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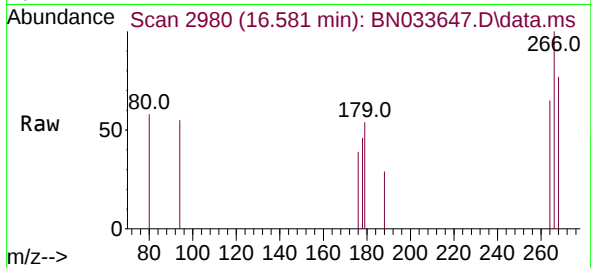
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#14
Pentachlorophenol
Concen: 0.043 ng/ul m
RT: 16.581 min Scan# 2981
Delta R.T. -0.003 min
Lab File: BN033647.D
Acq: 28 Aug 2024 15:57

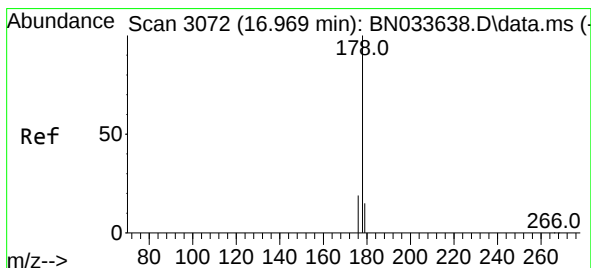
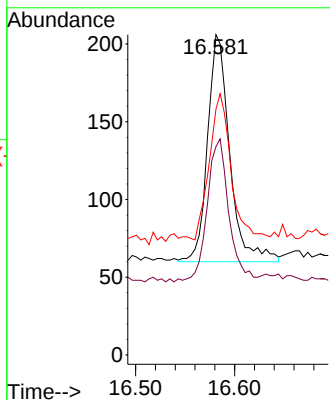
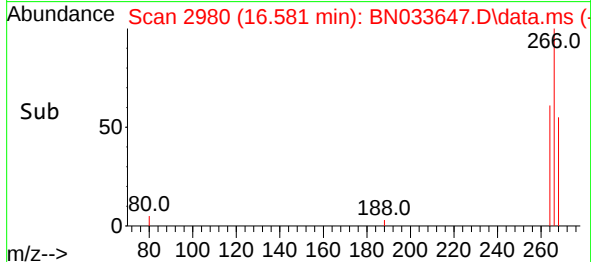
Instrument :
BNA_N
ClientSampleId :
E24A1



Tgt Ion:266 Resp: 227
Ion Ratio Lower Upper
266 100
264 0.0 50.3 75.5#
268 2.6 51.7 77.5#

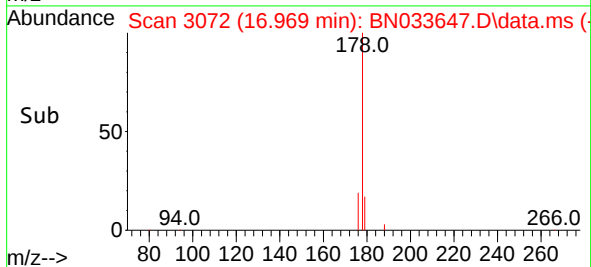
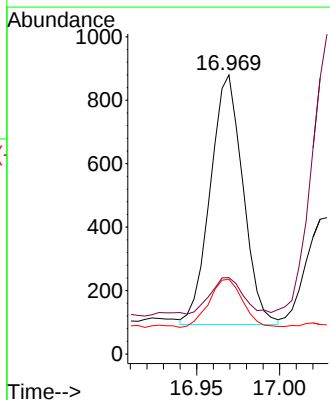
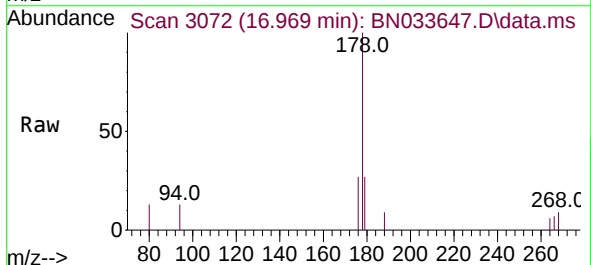
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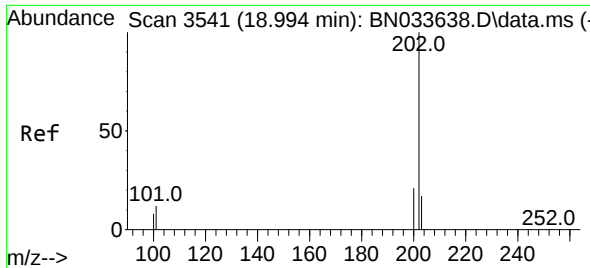
Reviewed By :Jagrut Upadhyay 08/29/2024
Supervised By :mohammad ahmed 08/30/2024



#15
Phenanthrene
Concen: 0.022 ng/ul m
RT: 16.969 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN033647.D
Acq: 28 Aug 2024 15:57

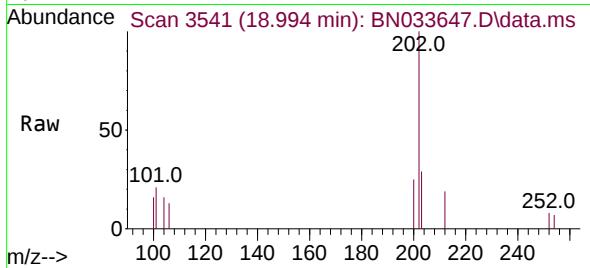
Tgt Ion:178 Resp: 1079
Ion Ratio Lower Upper
178 100
179 27.4 12.9 19.3#
176 26.8 15.7 23.5#





#19
Fluoranthene
Concen: 0.028 ng/u1
RT: 18.994 min Scan# 3541
Delta R.T. -0.003 min
Lab File: BN033647.D
Acq: 28 Aug 2024 15:57

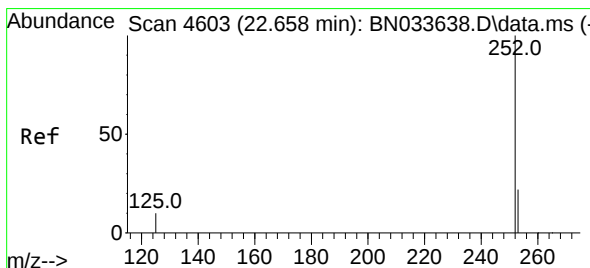
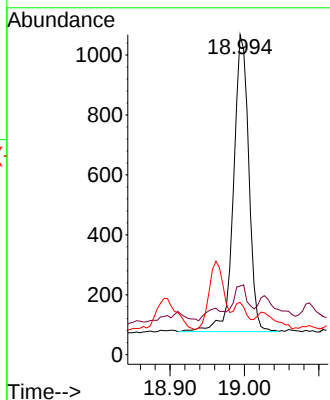
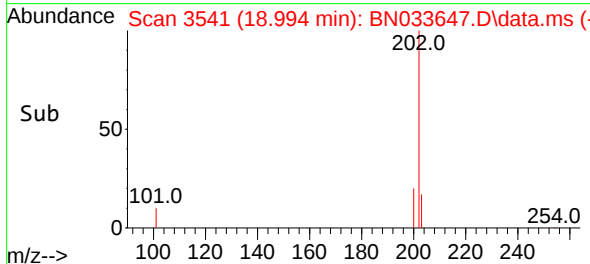
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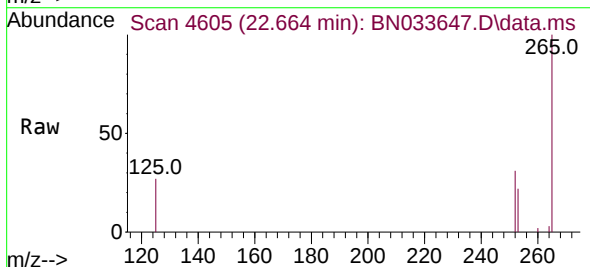
Tgt Ion:202 Resp: 1408
Ion Ratio Lower Upper
202 100
101 21.4 9.0 13.4#
100 16.3 6.7 10.1#

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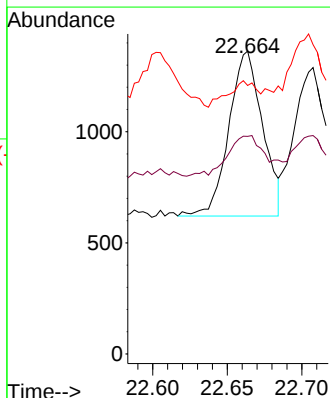
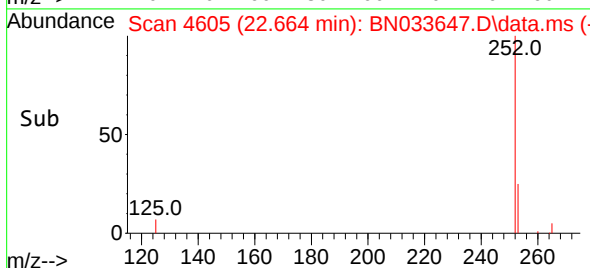
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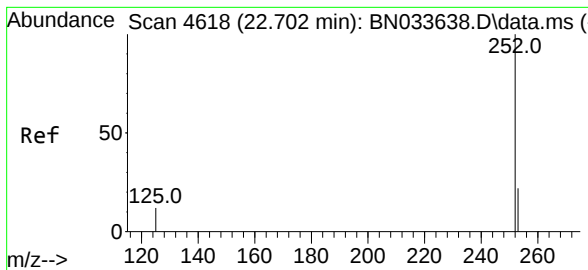


#24
Benzo(b)fluoranthene
Concen: 0.022 ng/u1
RT: 22.664 min Scan# 4605
Delta R.T. 0.004 min
Lab File: BN033647.D
Acq: 28 Aug 2024 15:57



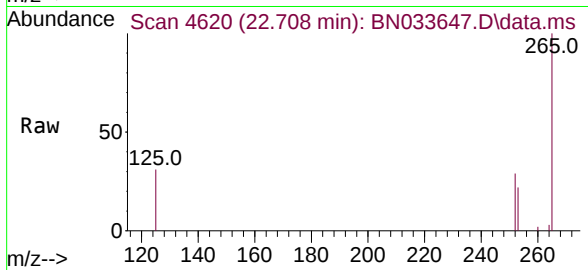
Tgt Ion:252 Resp: 1165
Ion Ratio Lower Upper
252 100
253 71.8 0.0 52.8#
125 88.6 0.0 36.4#





#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul
RT: 22.708 min Scan# 4620
Delta R.T. 0.007 min
Lab File: BN033647.D
Acq: 28 Aug 2024 15:57

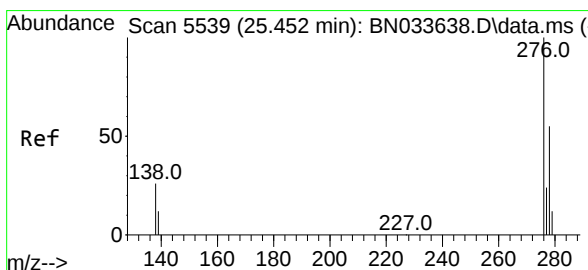
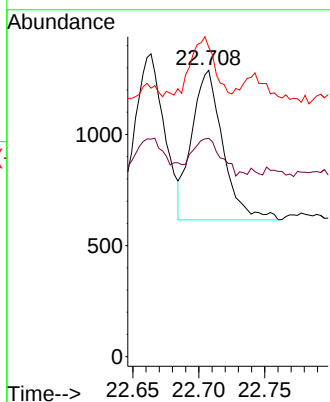
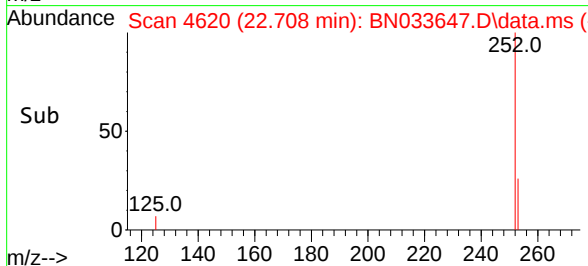
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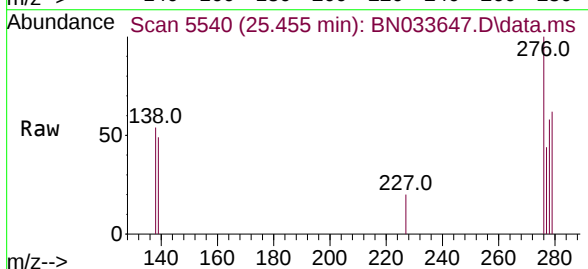
Tgt Ion:252 Resp: 1100
Ion Ratio Lower Upper
252 100
253 76.3 21.4 32.0
125 108.0 15.1 22.7

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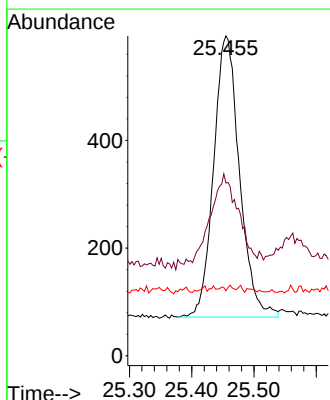
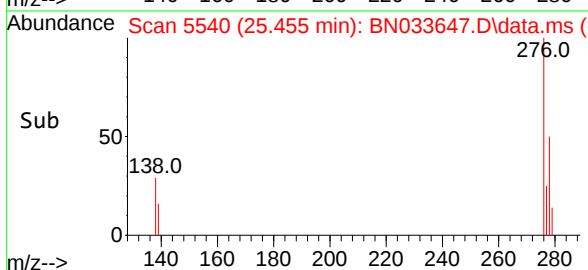
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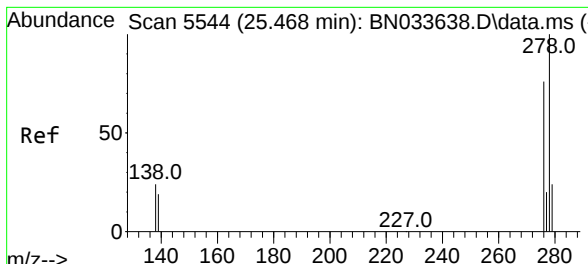


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.455 min Scan# 5540
Delta R.T. 0.005 min
Lab File: BN033647.D
Acq: 28 Aug 2024 15:57



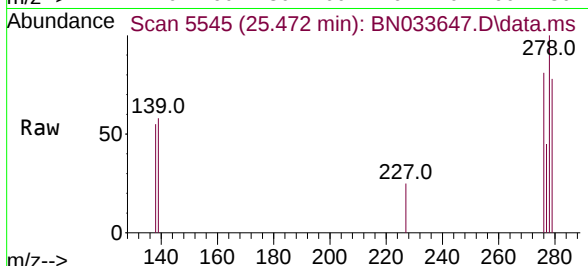
Tgt Ion:276 Resp: 1503
Ion Ratio Lower Upper
276 100
138 33.5 22.3 33.5
227 0.3 0.2 0.4





#28
 Dibenzo(a,h)anthracene
 Concen: 0.023 ng/ul
 RT: 25.472 min Scan# 5545
 Delta R.T. 0.008 min
 Lab File: BN033647.D
 Acq: 28 Aug 2024 15:57

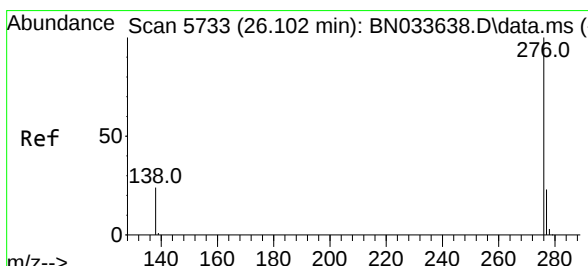
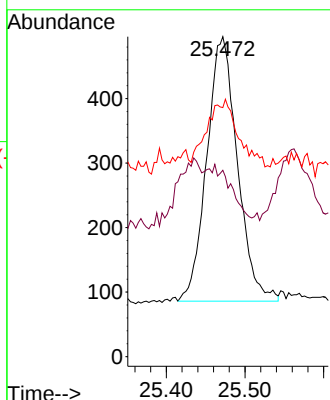
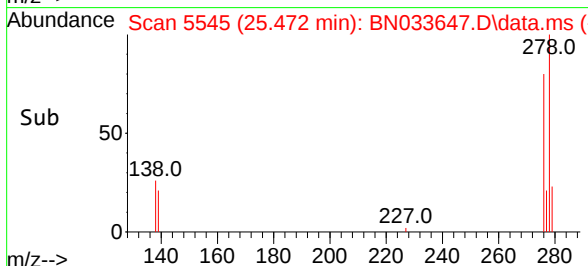
Instrument :
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 ClientSampleId :
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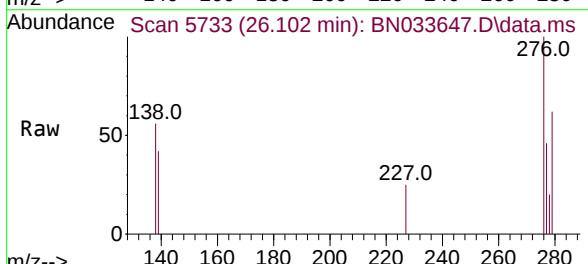
Tgt Ion: 278 Resp: 1110
 Ion Ratio Lower Upper
 278 100
 139 58.3 17.3 25.9#
 279 77.8 21.5 32.3#

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#29
 Benzo(g,h,i)perylene
 Concen: 0.026 ng/ul
 RT: 26.102 min Scan# 5733
 Delta R.T. 0.005 min
 Lab File: BN033647.D
 Acq: 28 Aug 2024 15:57



Tgt Ion: 276 Resp: 1268
 Ion Ratio Lower Upper
 276 100
 138 55.7 20.8 31.2#
 277 46.3 20.2 30.4#

