

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035693.D
 Acq On : 19 Dec 2024 05:30
 Operator : RC/JU
 Sample : P5258-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X7

Manual Integrations
 APPROVED

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

Quant Time: Dec 19 06:54:17 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	2875	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7904	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5913	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12299	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	11006	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13683	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	6718	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	1873	0.166	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4474	0.139	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	16.751	178	1848	0.060	ng/ul#	84
19) Fluoranthene	18.791	202	1028	0.026	ng/ul#	73
20) Pyrene	19.158	202	1341	0.031	ng/ul#	79
22) Chrysene	20.990	228	2524	0.067	ng/ul#	82
24) Benzo(b)fluoranthene	22.431	252	1551m	0.038	ng/ul	
26) Benzo(a)pyrene	22.945	252	842	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	25.678	276	1479	0.039	ng/ul#	56

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

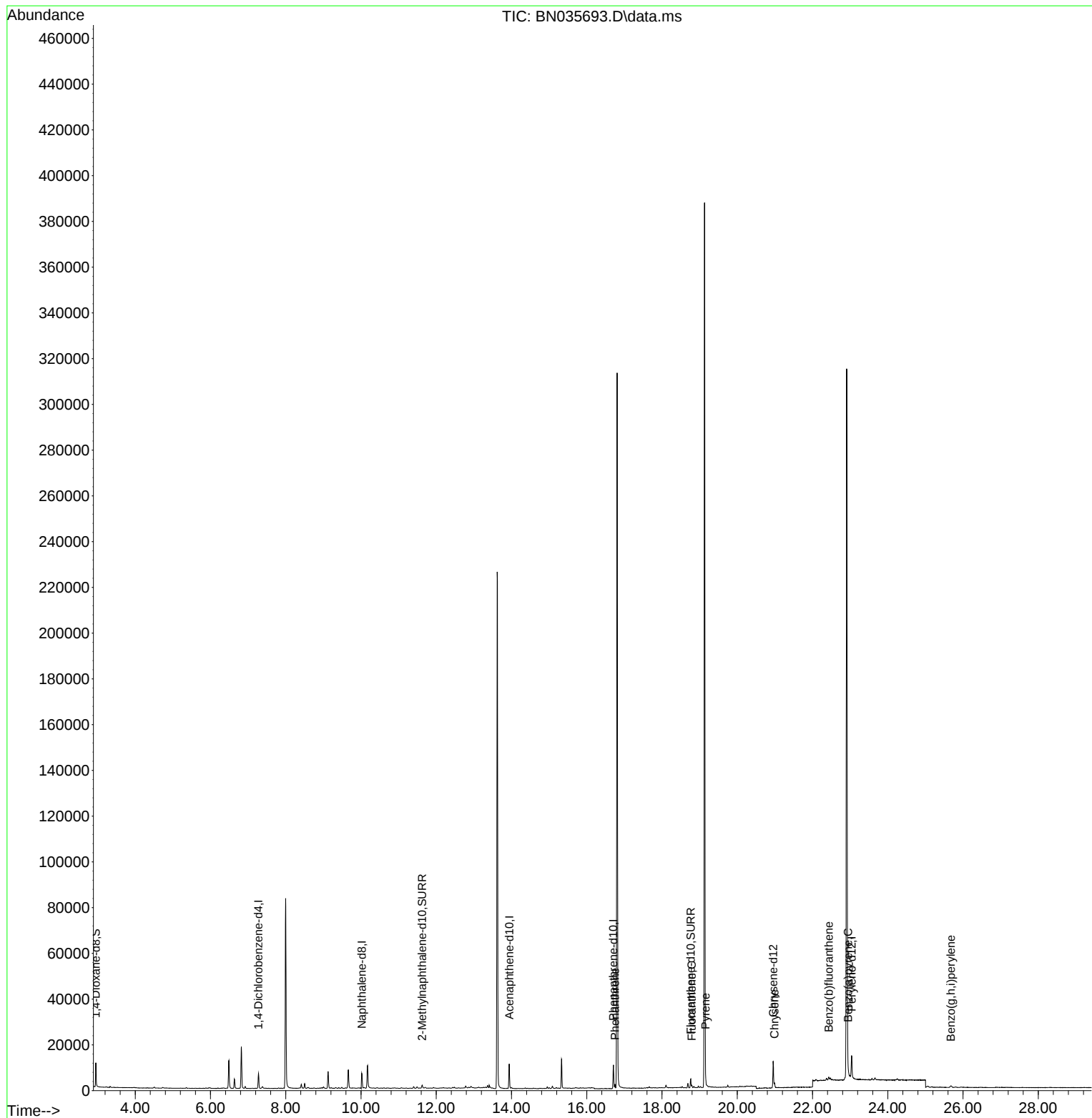
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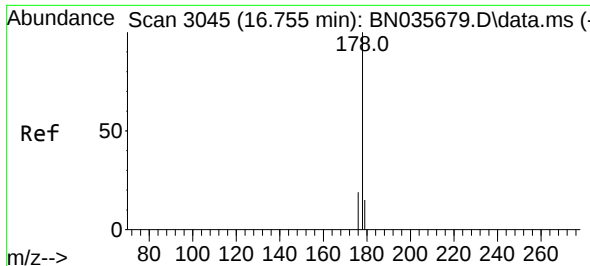
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#15

Phenanthrene

Concen: 0.060 ng/u1

RT: 16.751 min Scan# 3045

Delta R.T. -0.008 min

Lab File: BN035693.D

Acq: 19 Dec 2024 05:30

Instrument :

BNA_N

ClientSampleId :

E28X7

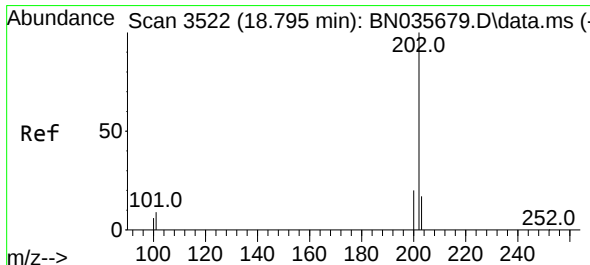
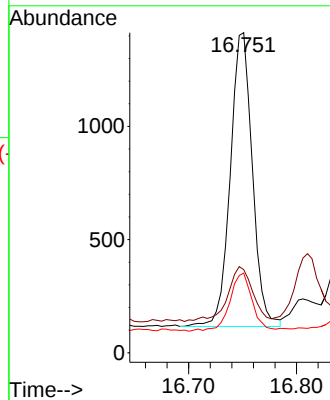
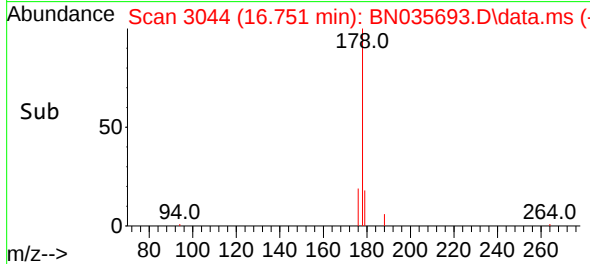
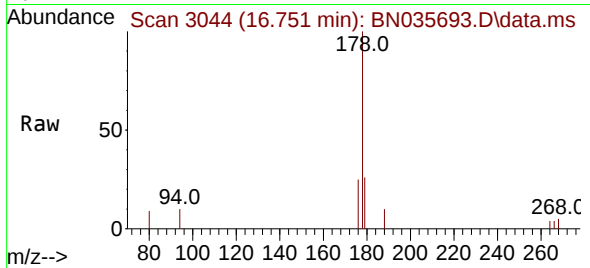
Tgt Ion:178	Resp:	184
Ion Ratio	Lower	Upper
178	100	
179	26.0	13.3 19.9
176	24.9	15.8 23.8

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#19

Fluoranthene

Concen: 0.026 ng/u1

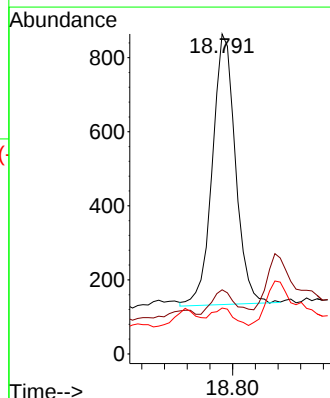
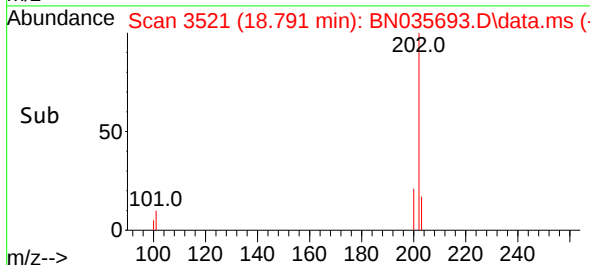
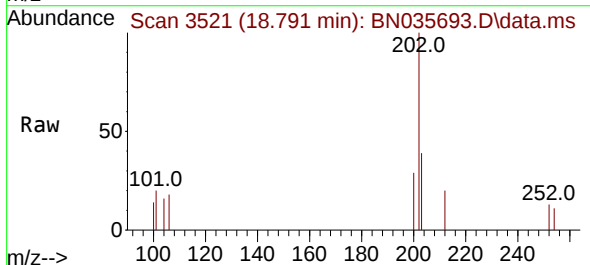
RT: 18.791 min Scan# 3521

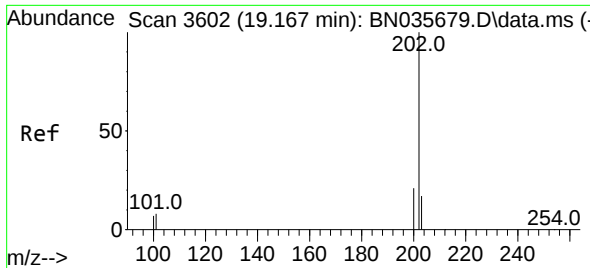
Delta R.T. -0.009 min

Lab File: BN035693.D

Acq: 19 Dec 2024 05:30

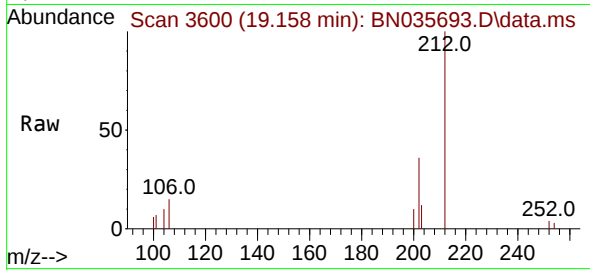
Tgt Ion:202	Resp:	1028
Ion Ratio	Lower	Upper
202	100	
101	20.0	7.3 10.9
100	14.4	5.4 8.0





#20
Pyrene
Concen: 0.031 ng/u1
RT: 19.158 min Scan# 3600
Delta R.T. -0.009 min
Lab File: BN035693.D
Acq: 19 Dec 2024 05:30

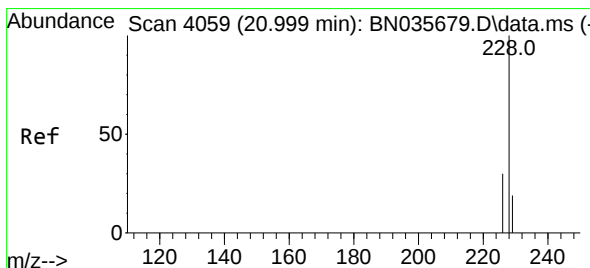
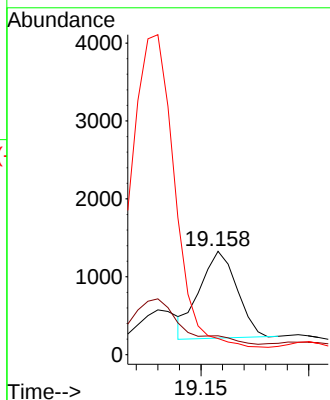
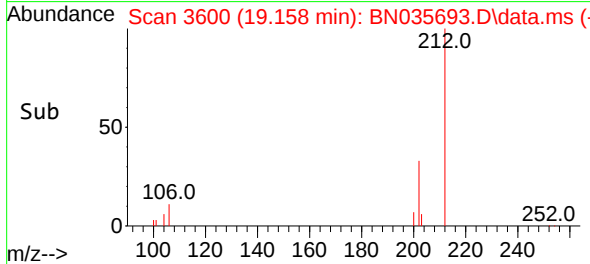
Instrument :
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Tgt Ion:202 Resp: 134
Ion Ratio Lower Upper
202 100
101 18.2 8.5 12.7
100 15.6 6.5 9.7

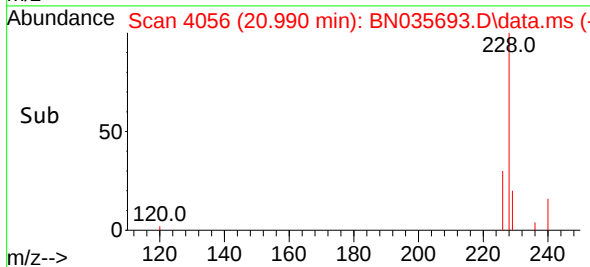
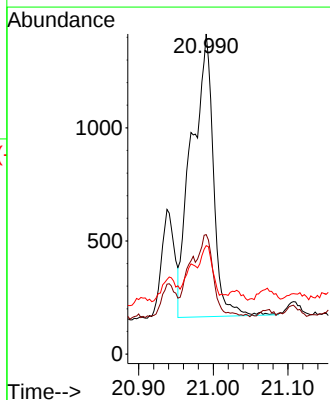
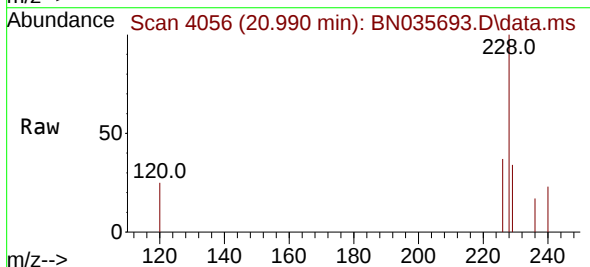
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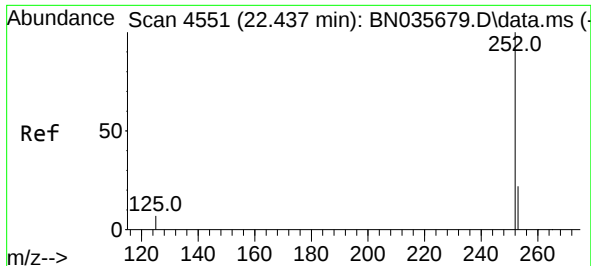
Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



#22
Chrysene
Concen: 0.067 ng/u1
RT: 20.990 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035693.D
Acq: 19 Dec 2024 05:30

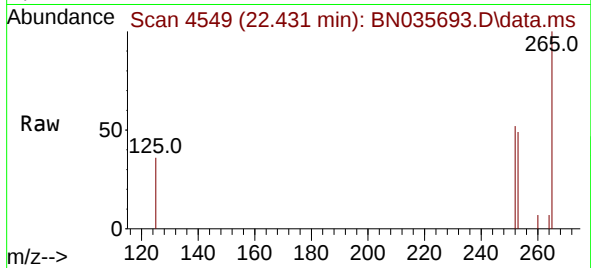
Tgt Ion:228 Resp: 2524
Ion Ratio Lower Upper
228 100
226 37.3 25.1 37.7
229 33.9 16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 0.038 ng/ul m
RT: 22.431 min Scan# 4549
Delta R.T. -0.012 min
Lab File: BN035693.D
Acq: 19 Dec 2024 05:30

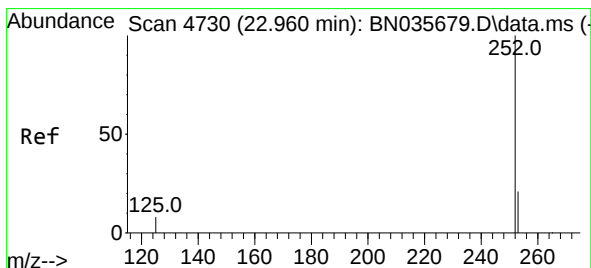
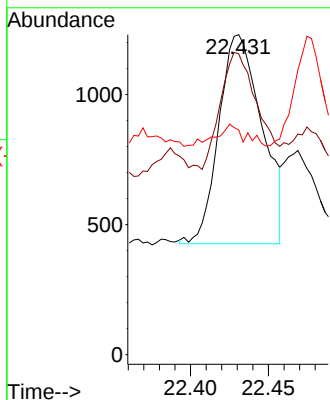
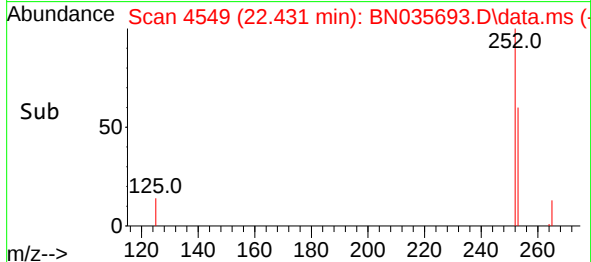
Instrument :
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E28X7



Tgt Ion:252 Resp: 155
Ion Ratio Lower Upper
252 100
253 94.1 0.0 56.4#
125 70.2 0.0 37.6#

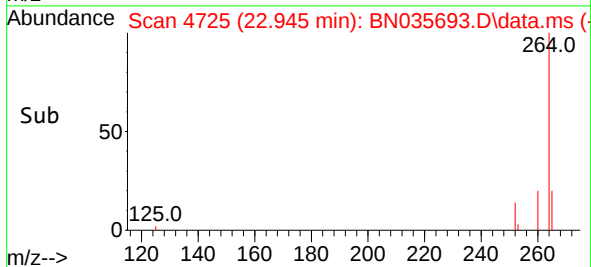
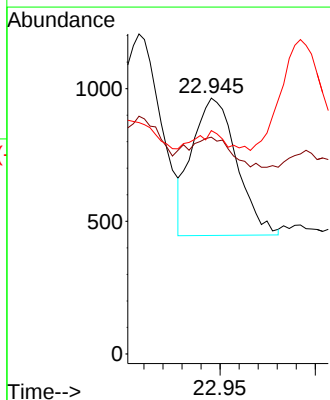
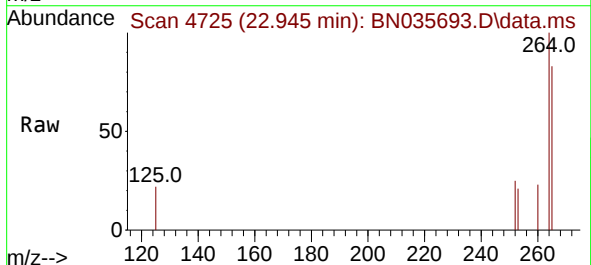
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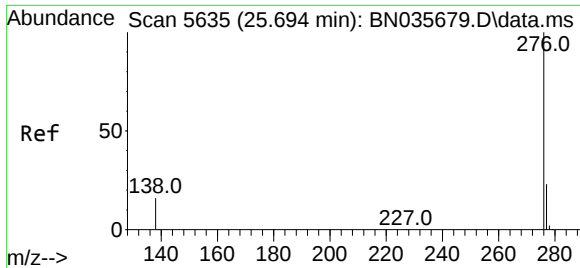
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#26
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 22.945 min Scan# 4725
Delta R.T. -0.017 min
Lab File: BN035693.D
Acq: 19 Dec 2024 05:30

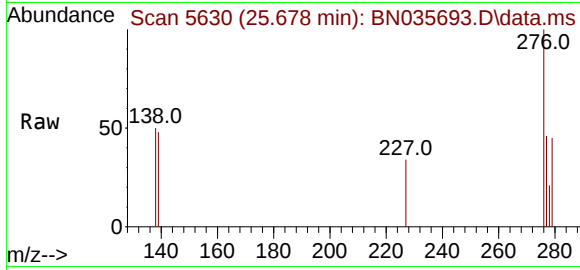
Tgt Ion:252 Resp: 842
Ion Ratio Lower Upper
252 100
253 84.8 24.1 36.1#
125 87.3 19.1 28.7#





#29
 Benzo(g,h,i)perylene
 Concen: 0.039 ng/ul
 RT: 25.678 min Scan# 50
 Delta R.T. -0.020 min
 Lab File: BN035693.D
 Acq: 19 Dec 2024 05:30

Instrument :
 BNA_N
 ClientSampleId :
 E28X7



Tgt Ion: 276 Resp: 1479

Ion	Ratio	Lower	Upper
276	100		
138	50.1	19.6	29.4
277	46.0	21.6	32.4

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