

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035687.D
Acq On : 19 Dec 2024 01:54
Operator : RC/JU
Sample : P5258-11
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X5

Manual IntegrationsAPPROVED

Quant Time: Dec 19 03:10:04 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

Reviewed By :Yogesh

Patel

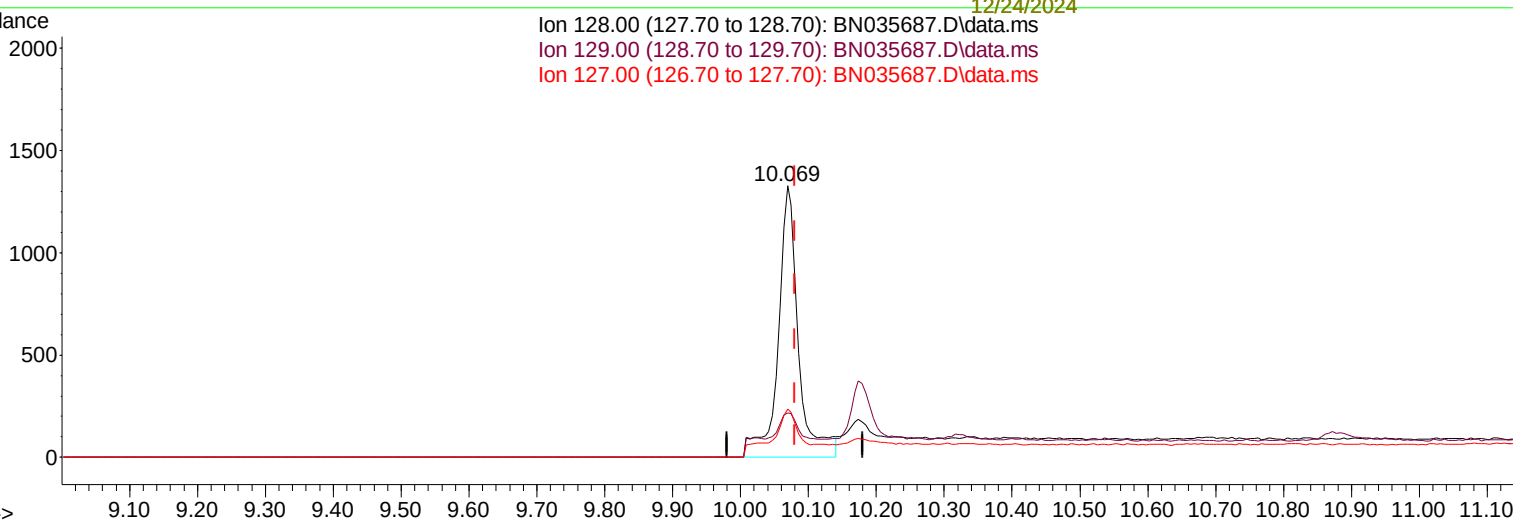
12/21/2024

Supervised By :mohammad

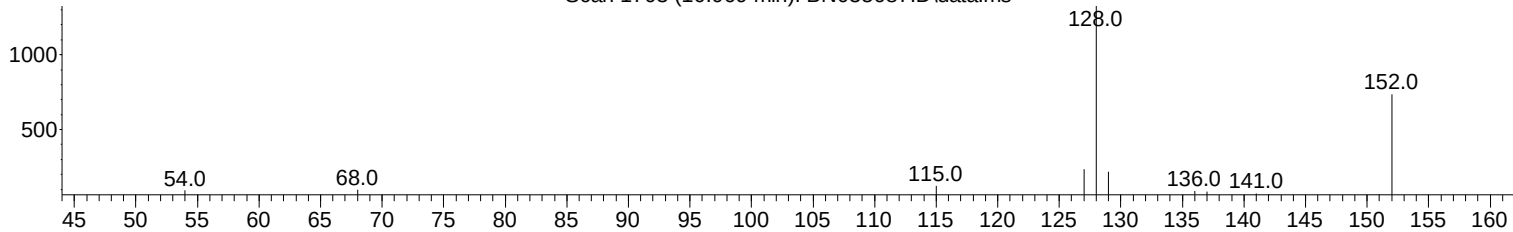
ahmed

12/24/2024

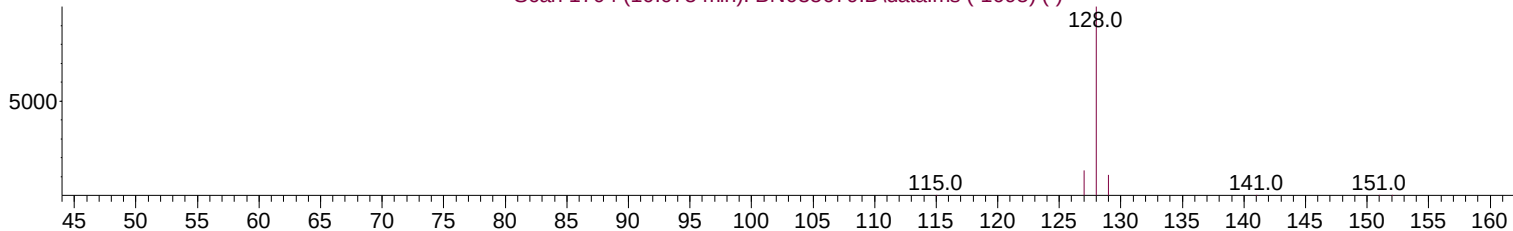
Ion 128.00 (127.70 to 128.70): BN035687.D\data.ms
Ion 129.00 (128.70 to 129.70): BN035687.D\data.ms
Ion 127.00 (126.70 to 127.70): BN035687.D\data.ms



Scan 1703 (10.069 min): BN035687.D\data.ms



Scan 1704 (10.075 min): BN035679.D\data.ms (-1695) (-)



TIC: BN035687.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.14 ng/u1

response 2712

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	16.44#
127.00	15.00	17.72
0.00	0.00	0.00

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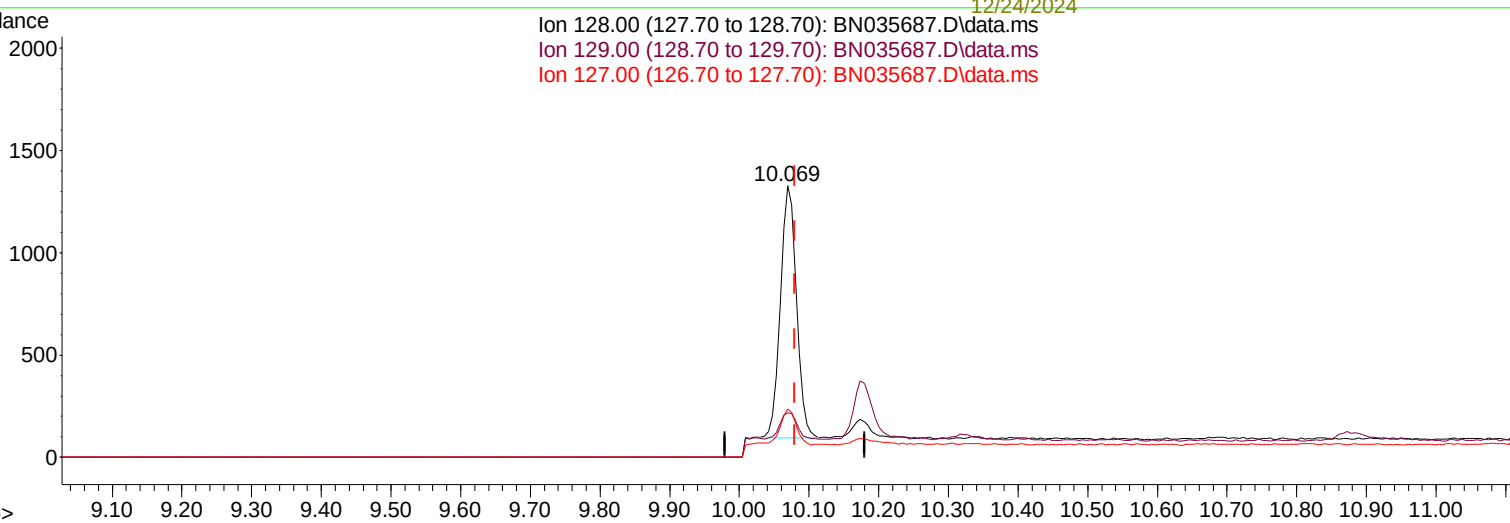
12/21/2024

Supervised By :mohammad

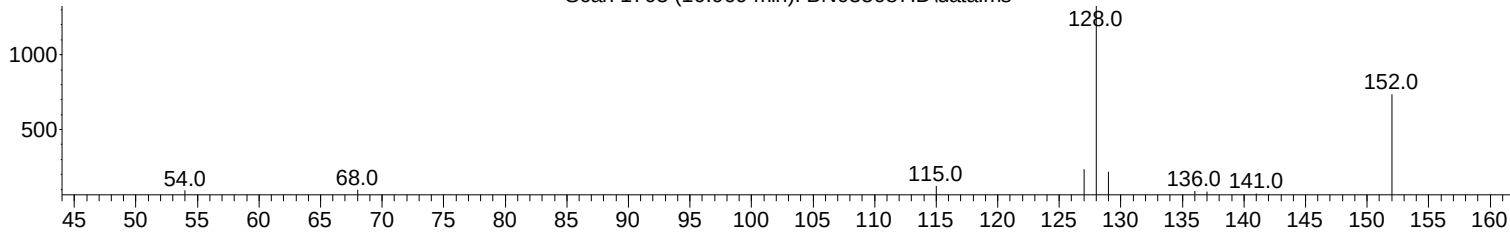
ahmed

12/24/2024

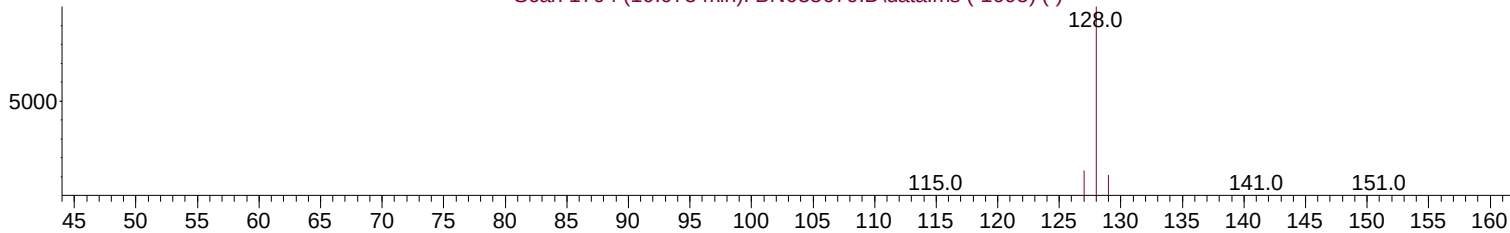
Ion 128.00 (127.70 to 128.70): BN035687.D\data.ms
Ion 129.00 (128.70 to 129.70): BN035687.D\data.ms
Ion 127.00 (126.70 to 127.70): BN035687.D\data.ms



Scan 1703 (10.069 min): BN035687.D\data.ms



Scan 1704 (10.075 min): BN035679.D\data.ms (-1695) (-)



TIC: BN035687.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.10 ng/ul m

response 1975

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	16.44#
127.00	15.00	17.72
0.00	0.00	0.00

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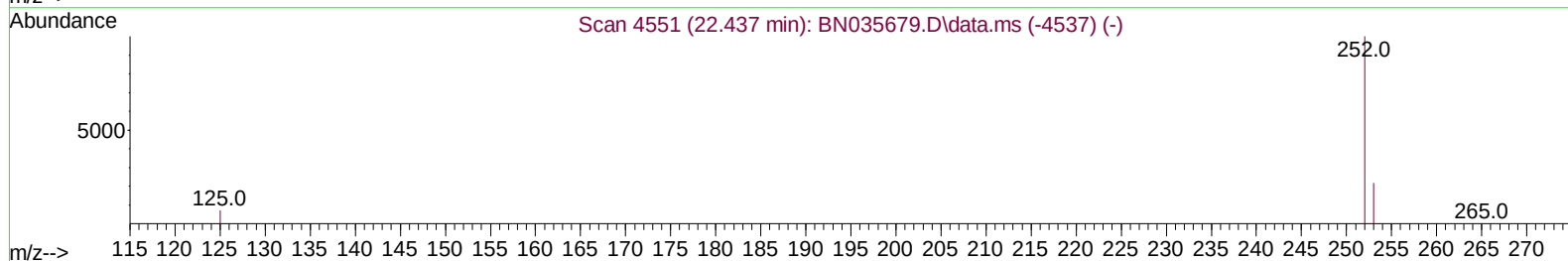
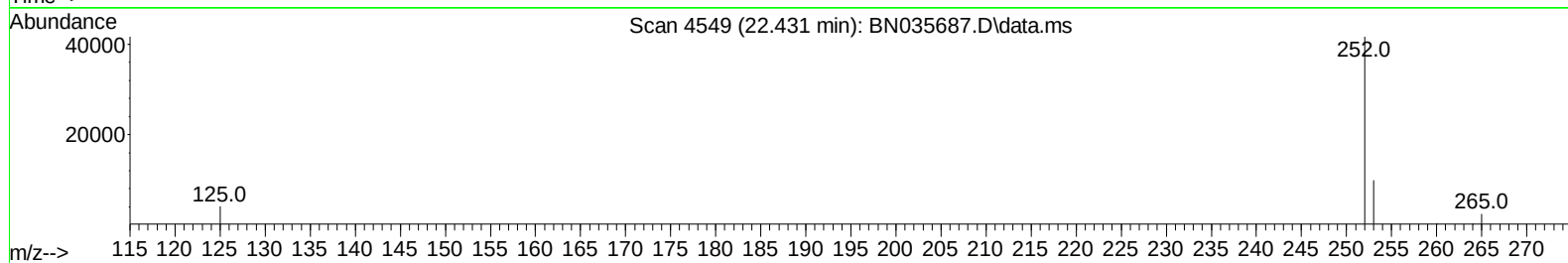
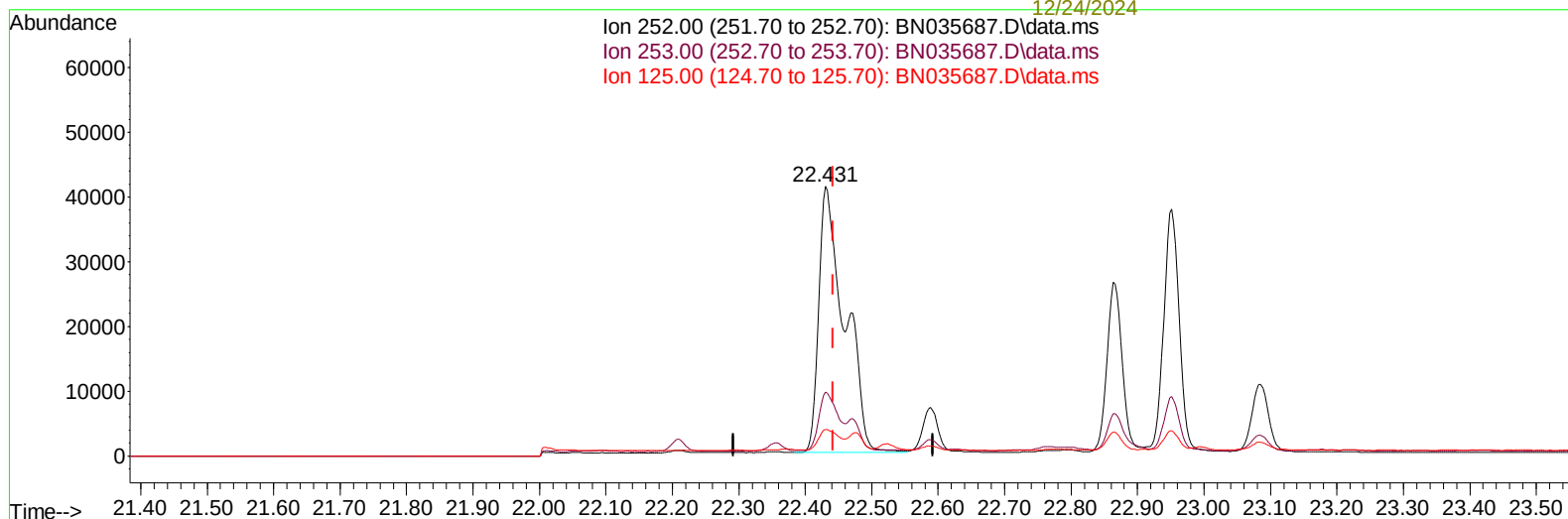
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Patel
12/21/2024

Supervised By :mohammad
ahmed
12/24/2024



TIC: BN035687.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 3.02 ng/u1

response 111351

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.79
125.00	18.80	9.86
0.00	0.00	0.00

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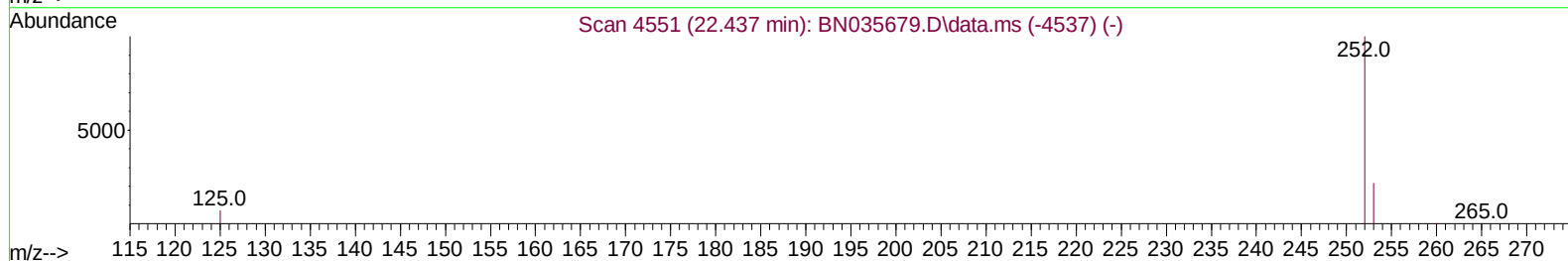
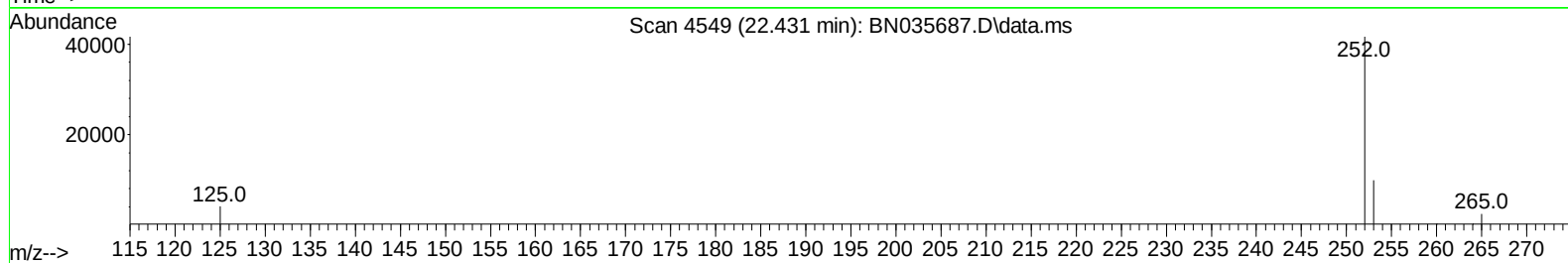
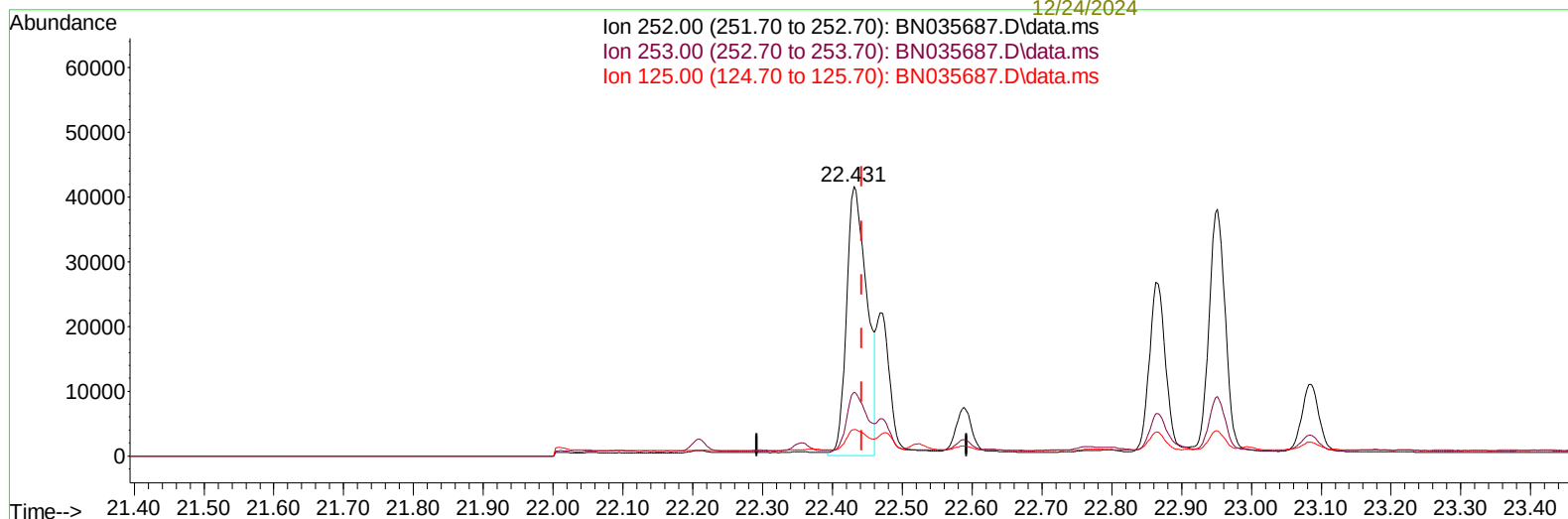
Patel

12/21/2024

Supervised By :mohammad

ahmed

12/24/2024



TIC: BN035687.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 2.27 ng/ul m

response 83719

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.79
125.00	18.80	9.86
0.00	0.00	0.00

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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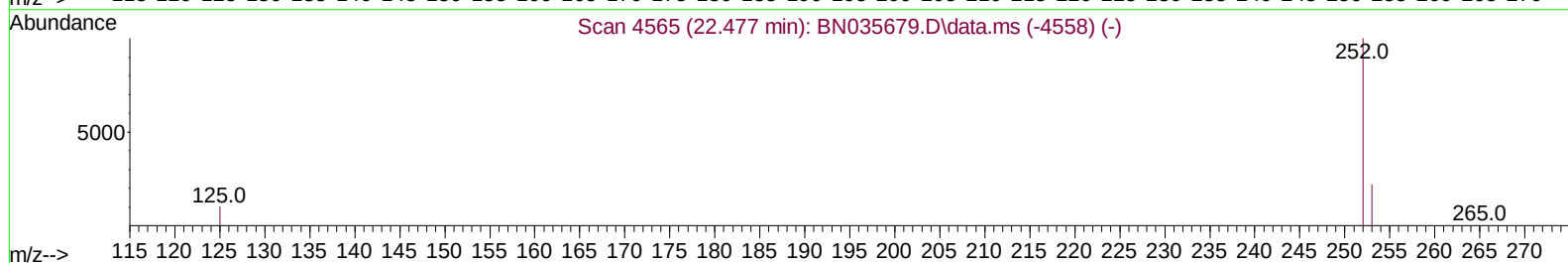
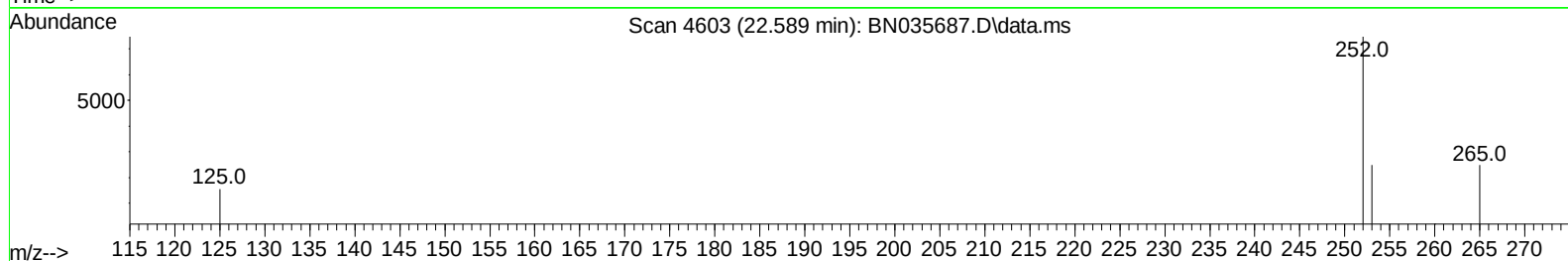
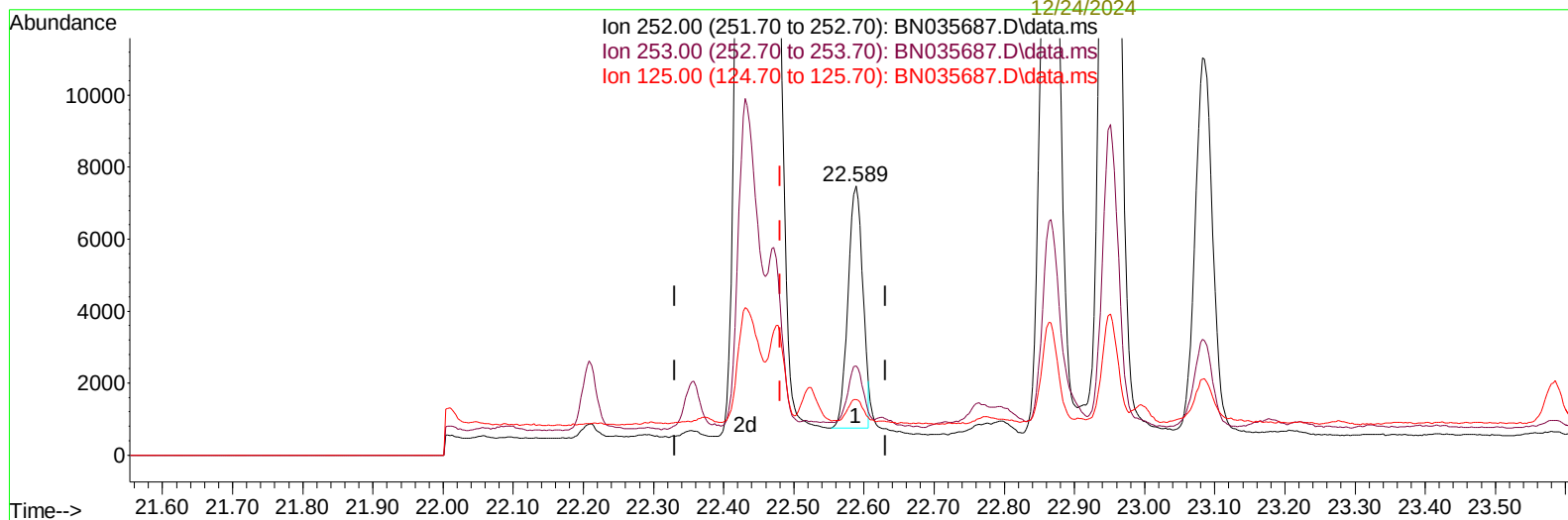
Reviewed By :Yogesh

Patel

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Supervised By :mohammad
ahmed

12/24/2024



TIC: BN035687.D\data.ms

(25) Benzo(k)fluoranthene

22.589min (+ 0.108) 0.24 ng/u1

response 9861

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	33.12
125.00	19.10	20.66
0.00	0.00	0.00

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Misc :
ALS Vial : 27 Sample Multiplier: 1

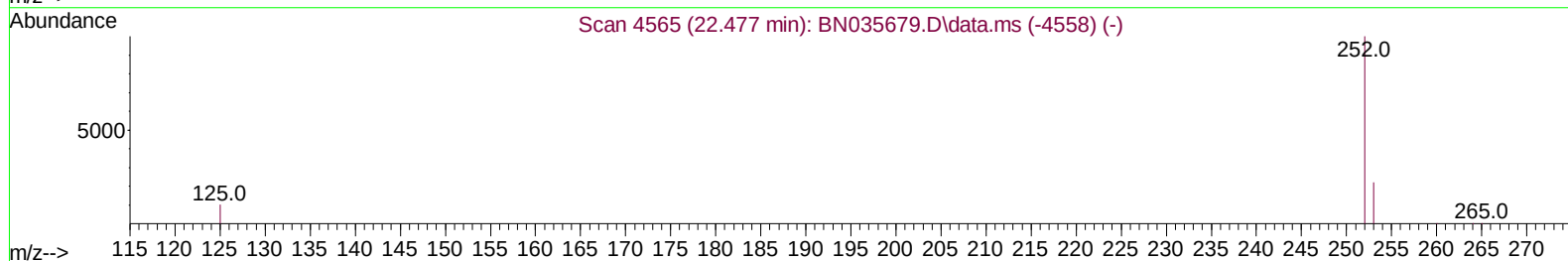
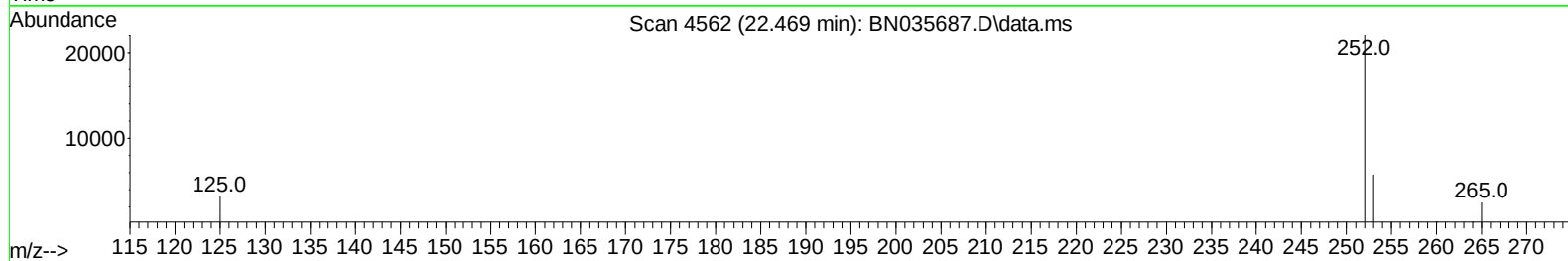
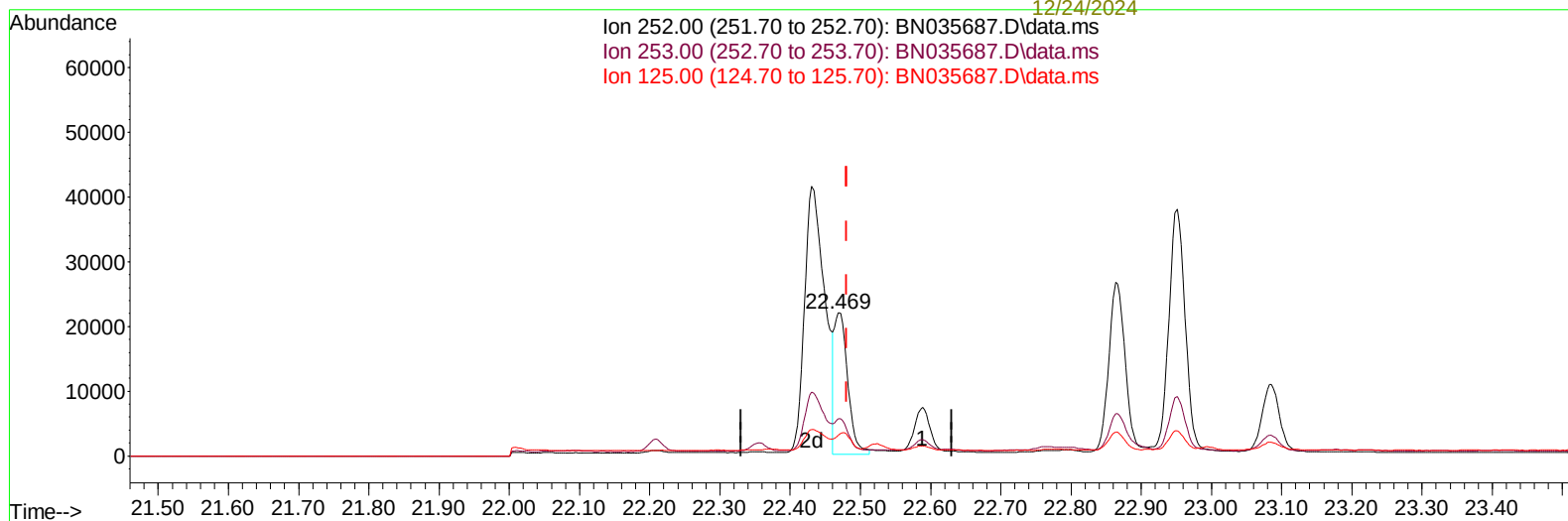
Instrument :
BNA_N
ClientSampleId :
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Patel
12/21/2024

Supervised By :mohammad
ahmed
12/24/2024



TIC: BN035687.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 0.72 ng/ul m

response 29340

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	26.00
125.00	19.10	14.65#
0.00	0.00	0.00

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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E28X5

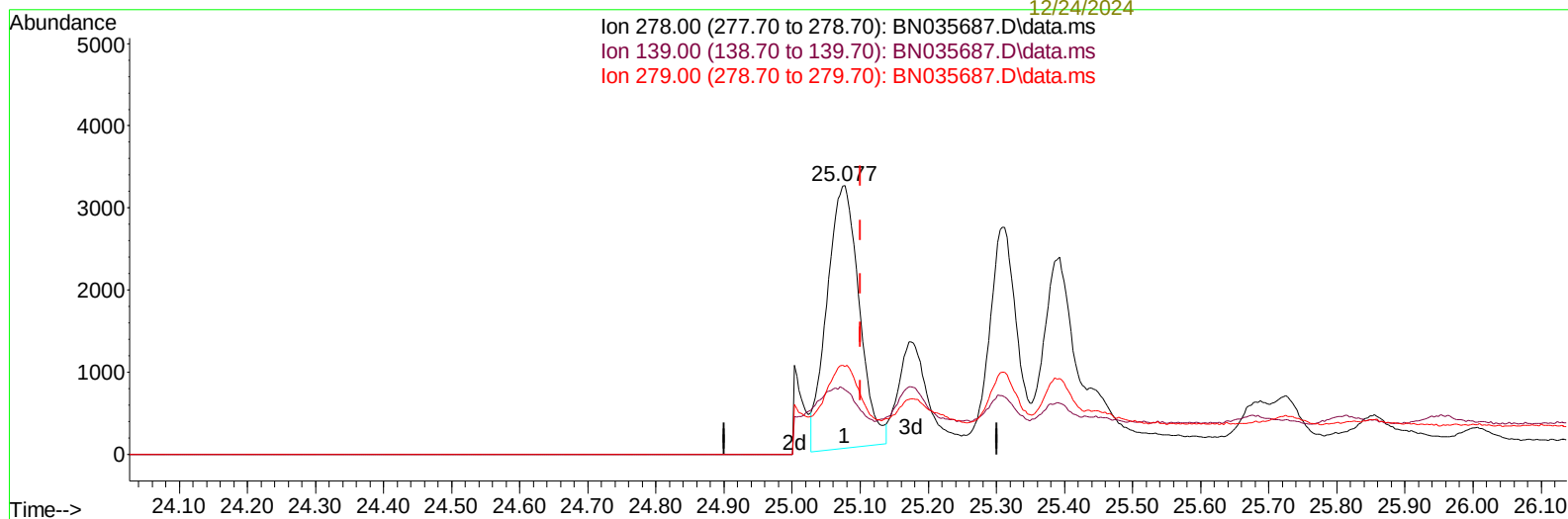
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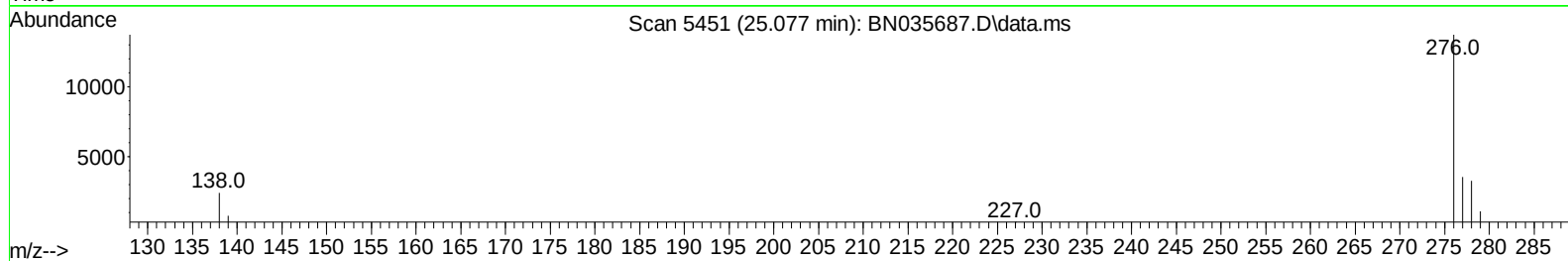
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Patel
12/21/2024

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ahmed
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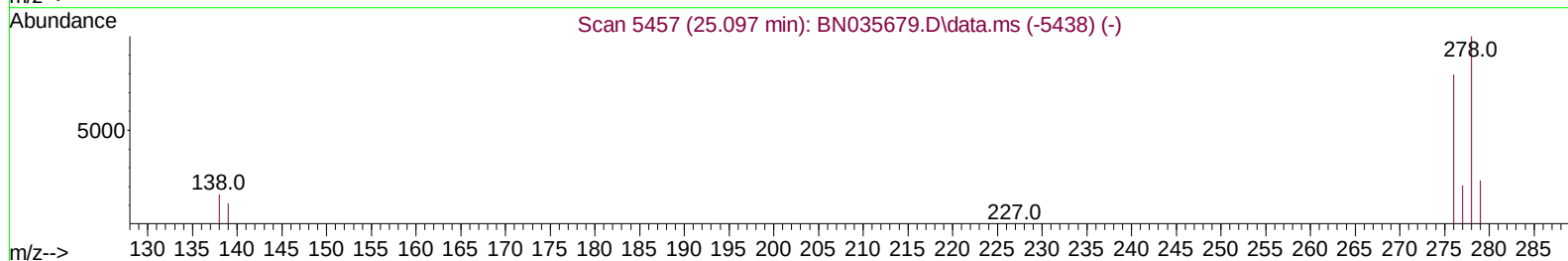
Ion 278.00 (277.70 to 278.70): BN035687.D\data.ms
Ion 139.00 (138.70 to 139.70): BN035687.D\data.ms
Ion 279.00 (278.70 to 279.70): BN035687.D\data.ms



Scan 5451 (25.077 min): BN035687.D\data.ms



Scan 5457 (25.097 min): BN035679.D\data.ms (-5438) (-)



TIC: BN035687.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.024) 0.32 ng/u1

response 10564

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	24.01
279.00	30.00	32.70
0.00	0.00	0.00

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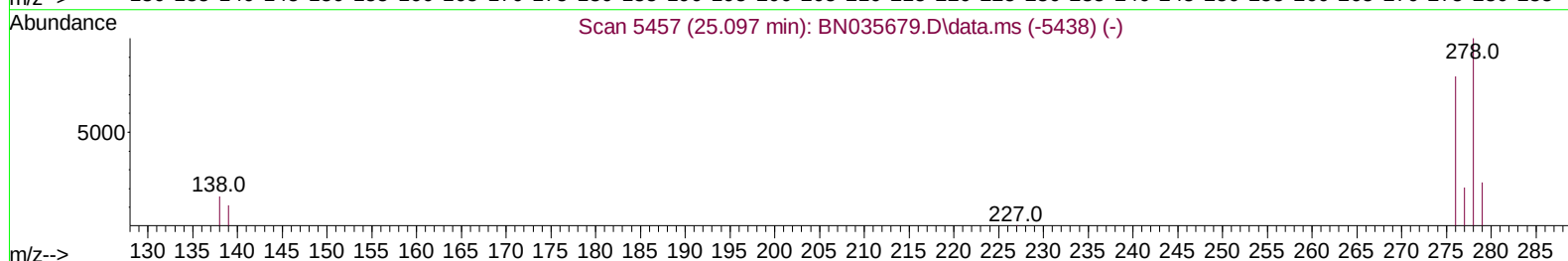
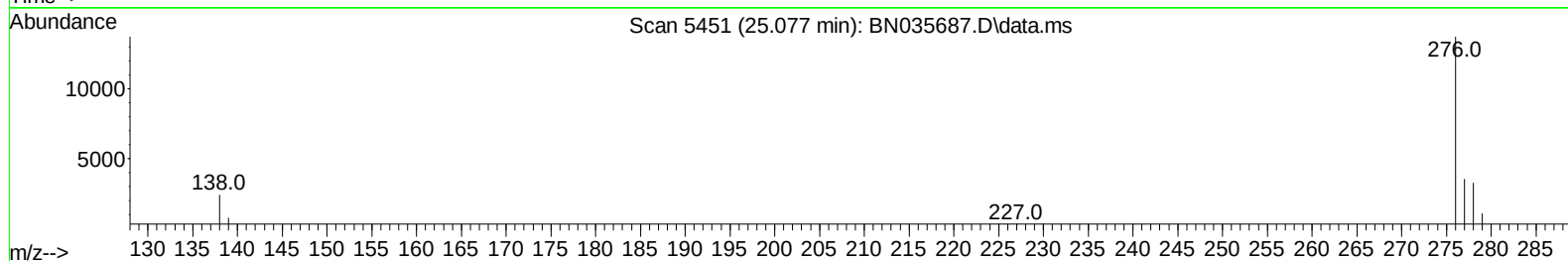
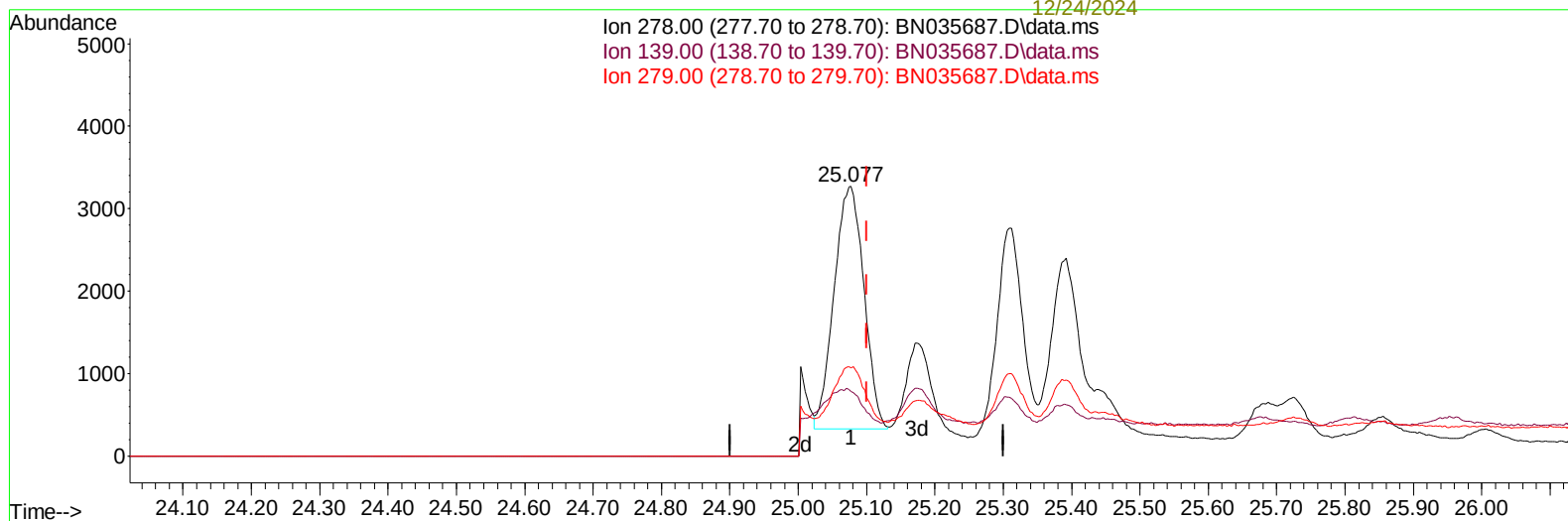
Patel

12/21/2024

Supervised By :mohammad

ahmed

12/24/2024



TIC: BN035687.D\data.ms

(28) Dibenzo(a,h)anthracene

25.077min (-0.024) 0.27 ng/ul m

response 8918

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	24.01
279.00	30.00	32.70
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.280	152		2786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136		7775	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164		5569	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188		12033	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240		10629	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264		12502	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.951	96		10376	4.201	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152		2398	0.217	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212		4211	0.136	ng/ul	0.00
Target Compounds							Qvalue
5) Naphthalene	10.069	128		1975m	0.104	ng/ul	
7) 2-Methylnaphthalene	11.703	142		822	0.064	ng/ul	98
8) 1-Methylnaphthalene	11.928	142		666	0.050	ng/ul	99
10) Acenaphthylene	13.652	152		934	0.043	ng/ul#	79
11) Acenaphthene	14.004	153		4311	0.264	ng/ul	99
12) Fluorene	15.008	166		2920	0.154	ng/ul	99
15) Phenanthrene	16.751	178		61901	2.055	ng/ul	98
16) Anthracene	16.839	178		13934	0.495	ng/ul	100
19) Fluoranthene	18.791	202		138586	3.646	ng/ul	100
20) Pyrene	19.162	202		122941	2.936	ng/ul	98
21) Benzo(a)anthracene	20.941	228		60135	1.706	ng/ul	99
22) Chrysene	20.993	228		60414	1.652	ng/ul	98
24) Benzo(b)fluoranthene	22.431	252		83719m	2.272	ng/ul	
25) Benzo(k)fluoranthene	22.469	252		29340m	0.720	ng/ul	
26) Benzo(a)pyrene	22.951	252		60779	1.703	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.067	276		45131	1.039	ng/ul#	69
28) Dibenzo(a,h)anthracene	25.077	278		8918m	0.269	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276		46166	1.324	ng/ul#	92

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

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