Quantitation Report (Qedit)

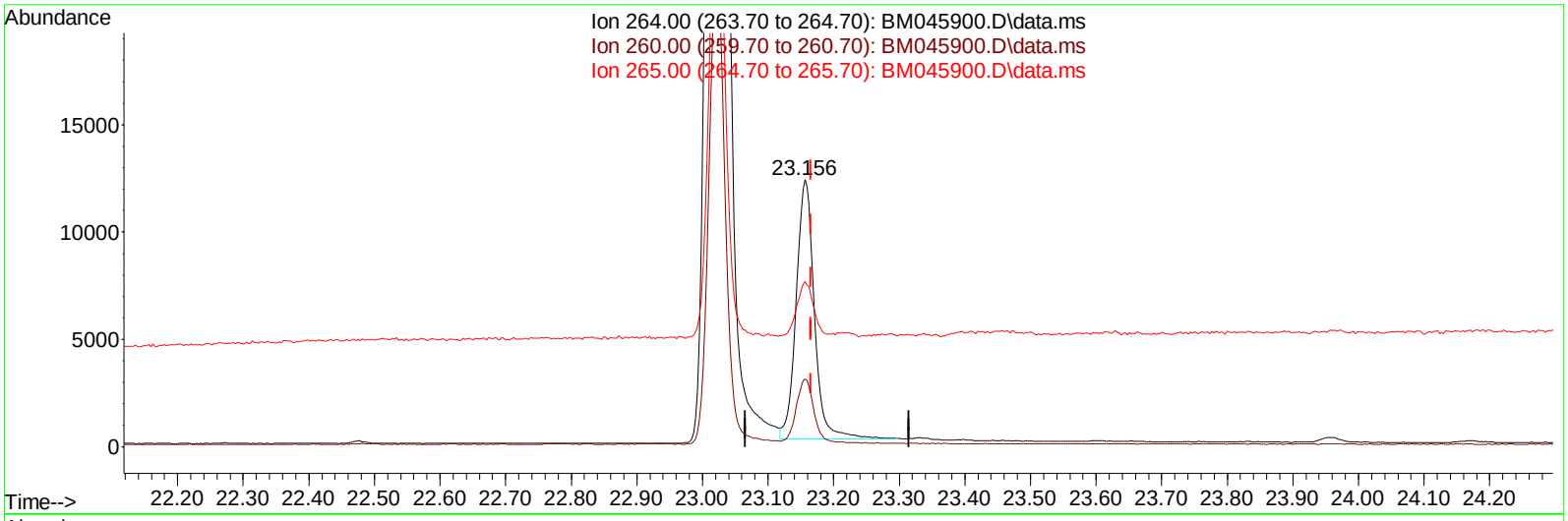
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045900.D
Acq On : 08 Jun 2024 03:13
Operator : MA/JU
Sample : P2586-16DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

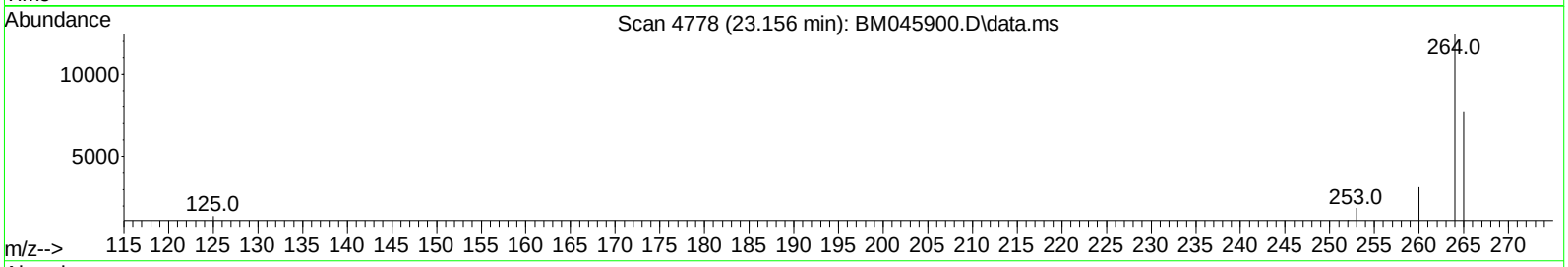
Quant Time: Jun 08 03:44:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

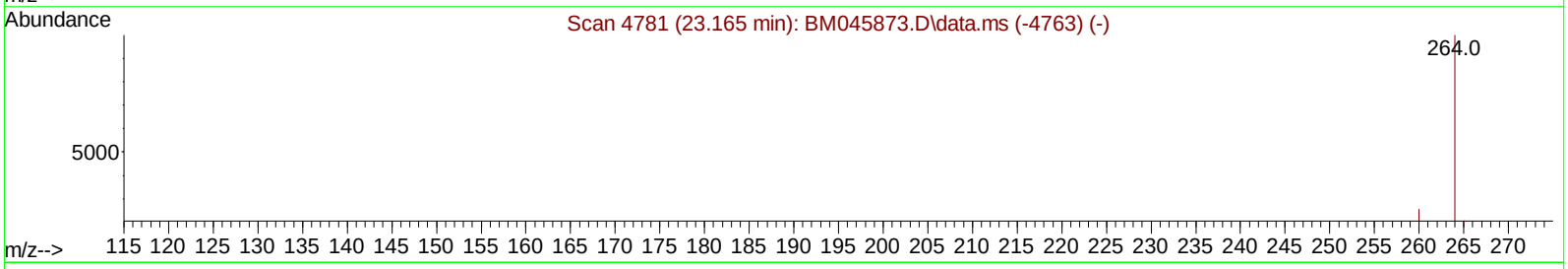
Instrument :
BNA_M
ClientSampleId :
A4C31DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045900.D\data.ms

(23) Perylene-d12 (I)

23.156min (-0.009) 0.40 ng/ul

response 22929

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.32
265.00	76.60	62.00
0.00	0.00	0.00

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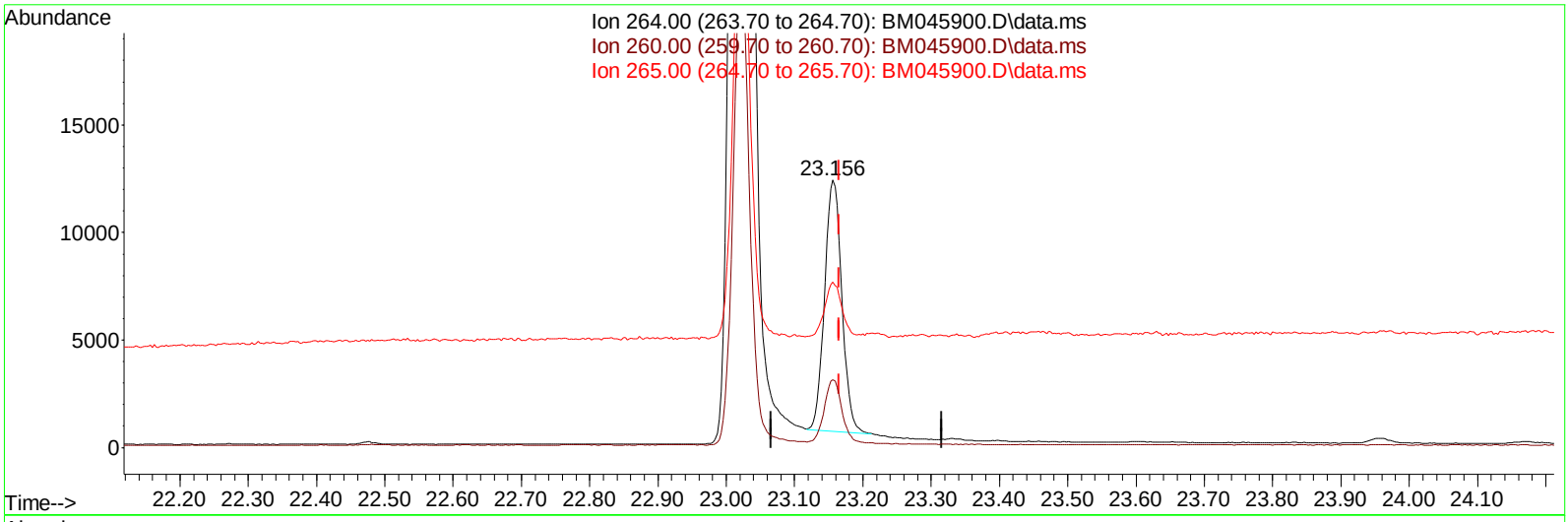

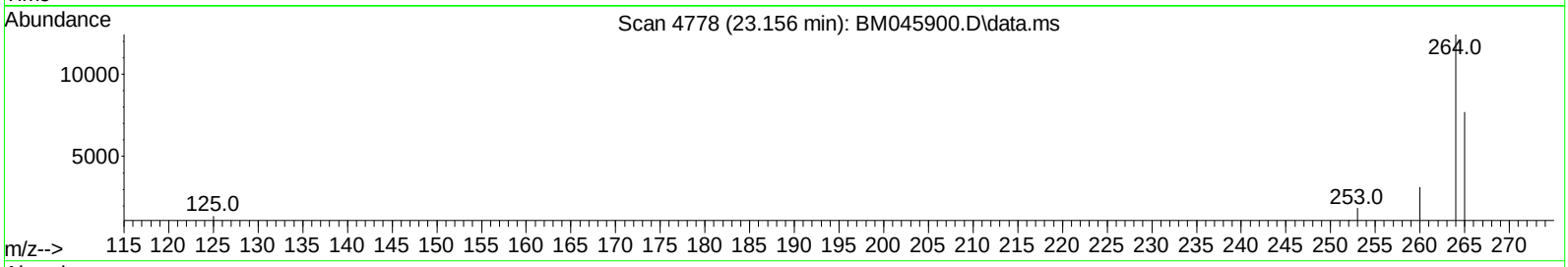

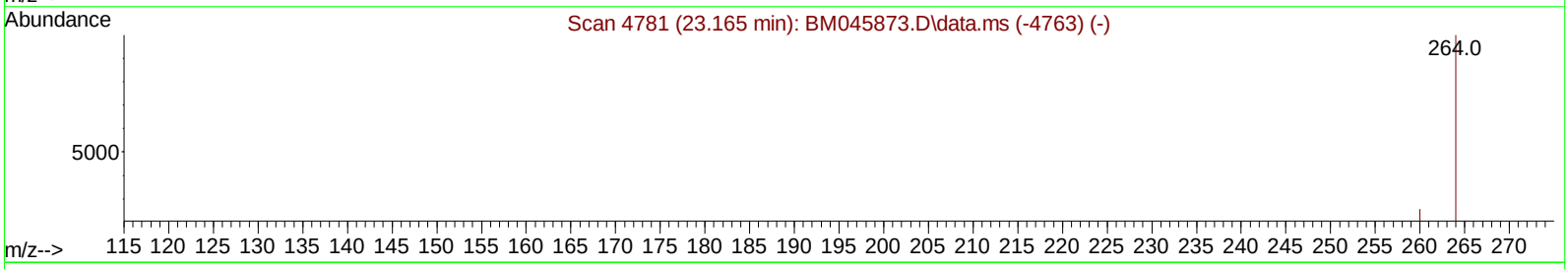

TIC: BM045900.D\data.ms

(23) Perylene-d12 (I)

23.156min (-0.009) 0.40 ng/ul m

response 20474

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.32
265.00	76.60	62.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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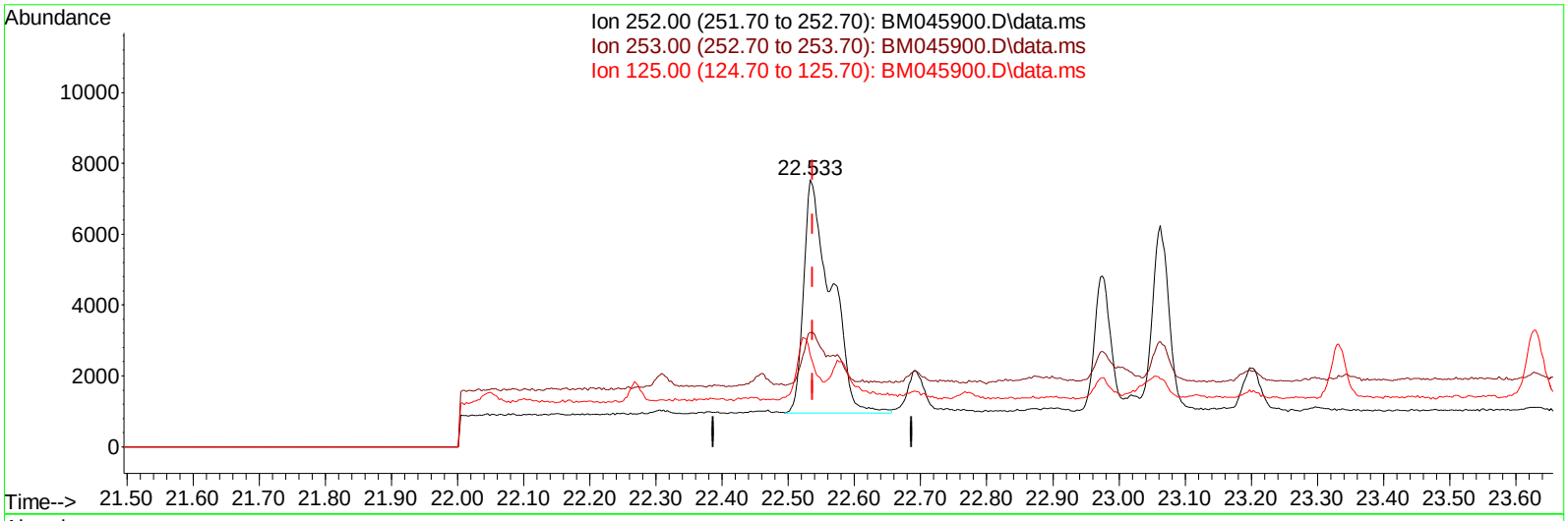

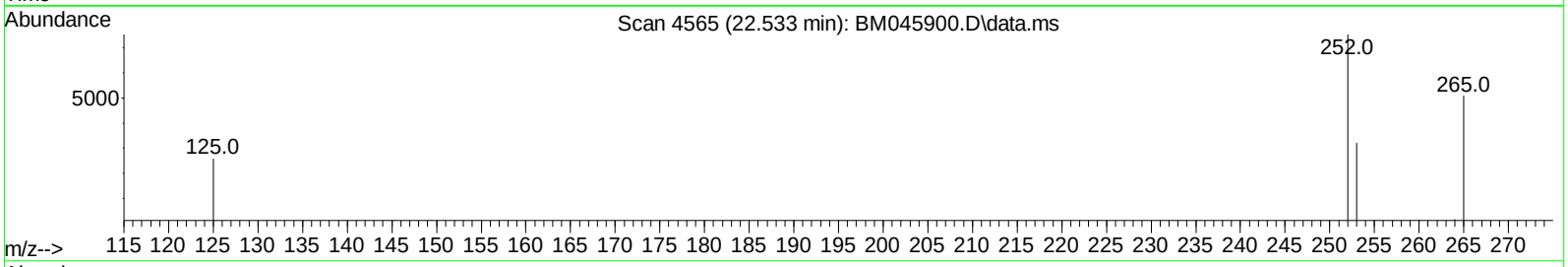

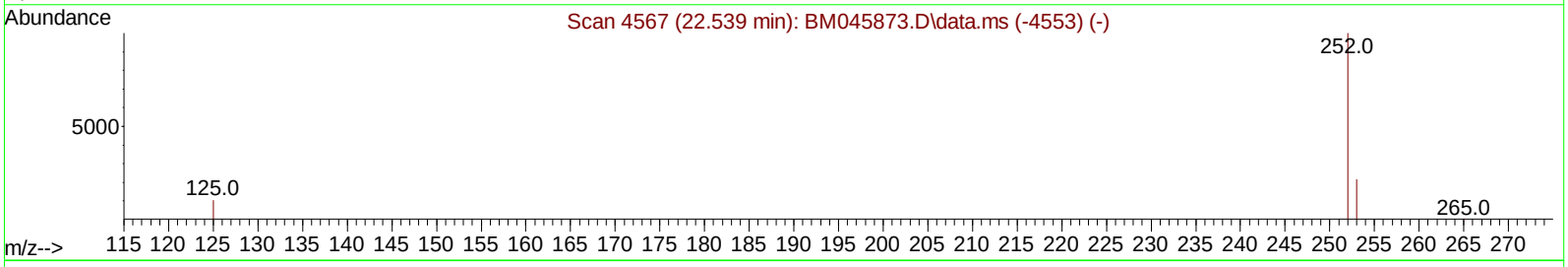

TIC: BM045900.D\data.ms

(24) Benzo(b)fluoranthene

22.533min (-0.003) 0.28 ng/ul

response 18847

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	42.74
125.00	17.90	34.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 08 03:44:15 2024
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BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
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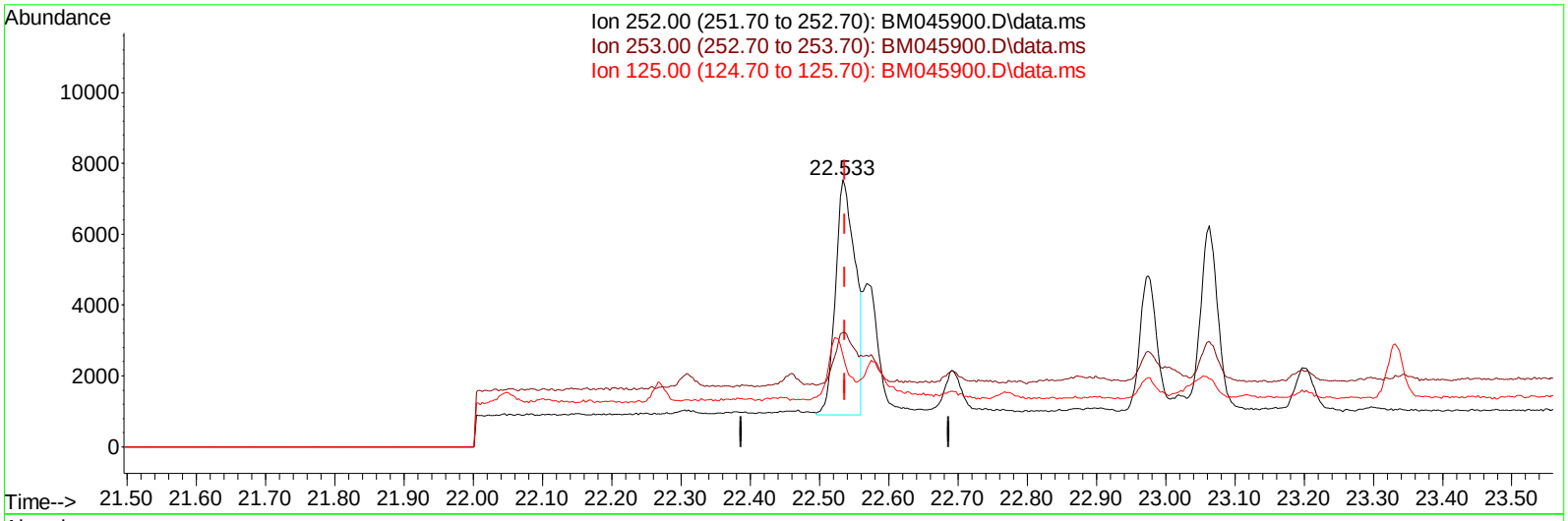

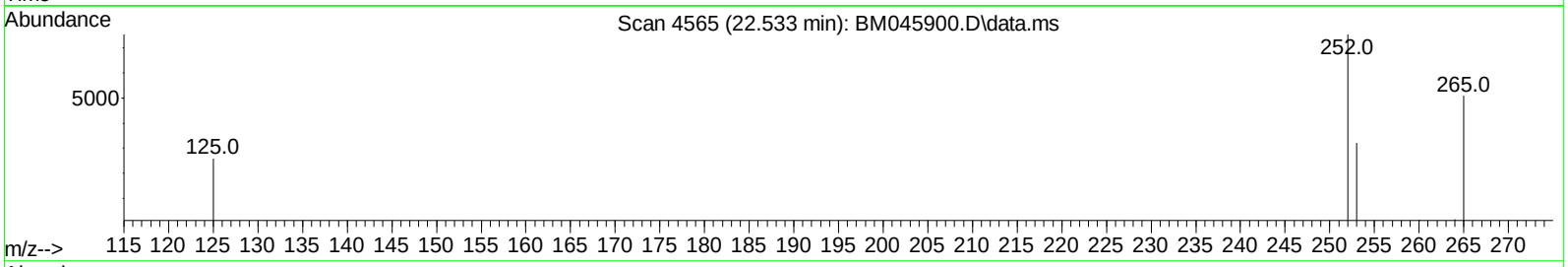

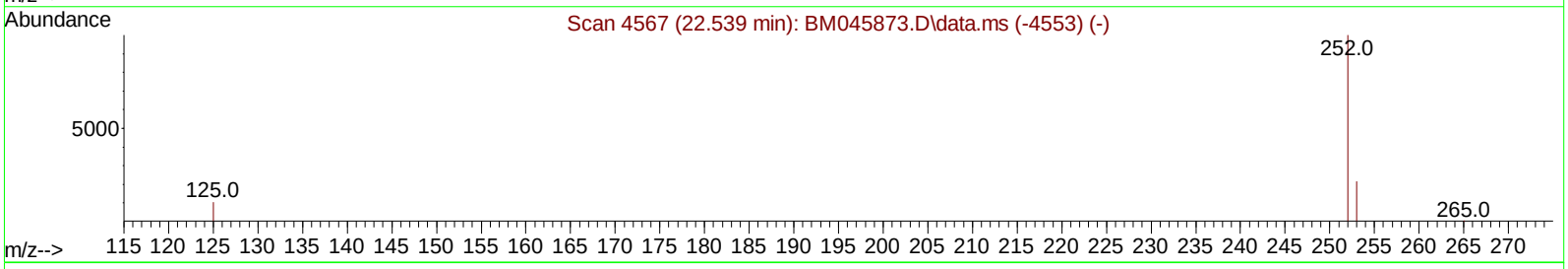

TIC: BM045900.D\data.ms

(24) Benzo(b)fluoranthene

22.533min (-0.003) 0.19 ng/ul m

response 13119

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	42.74
125.00	17.90	34.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045900.D
Acq On : 08 Jun 2024 03:13
Operator : MA/JU
Sample : P2586-16DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 08 03:44:15 2024
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Instrument :
BNA_M
ClientSampleId :
A4C31DL

Manual IntegrationsAPPROVED

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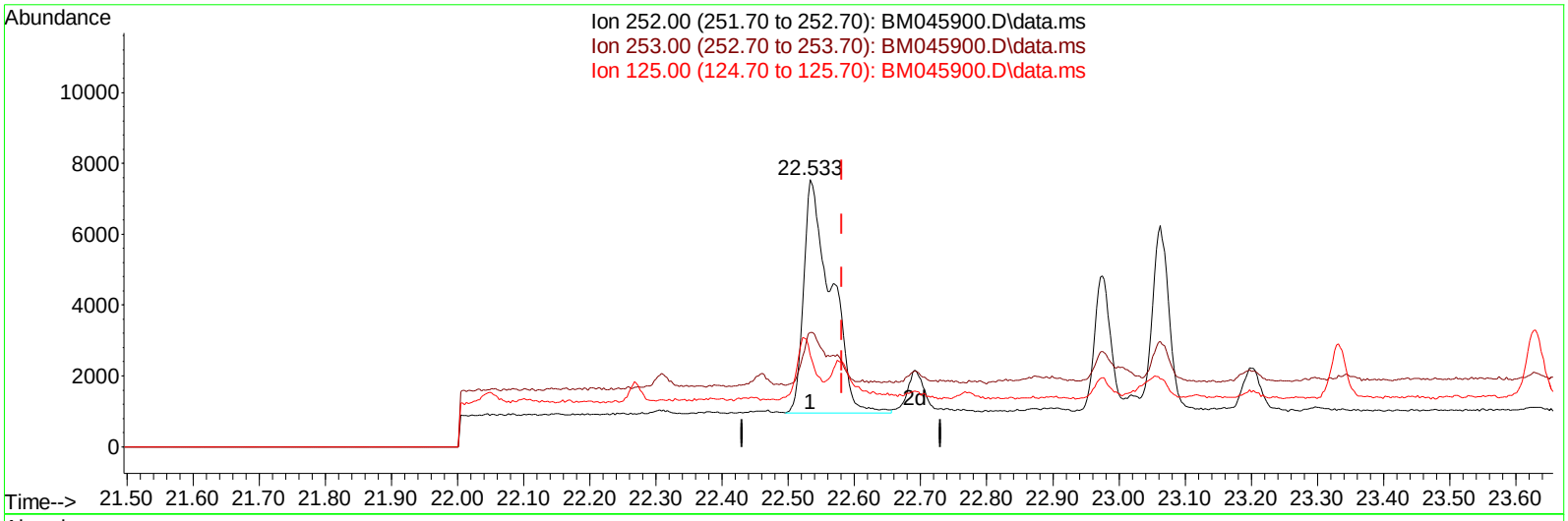

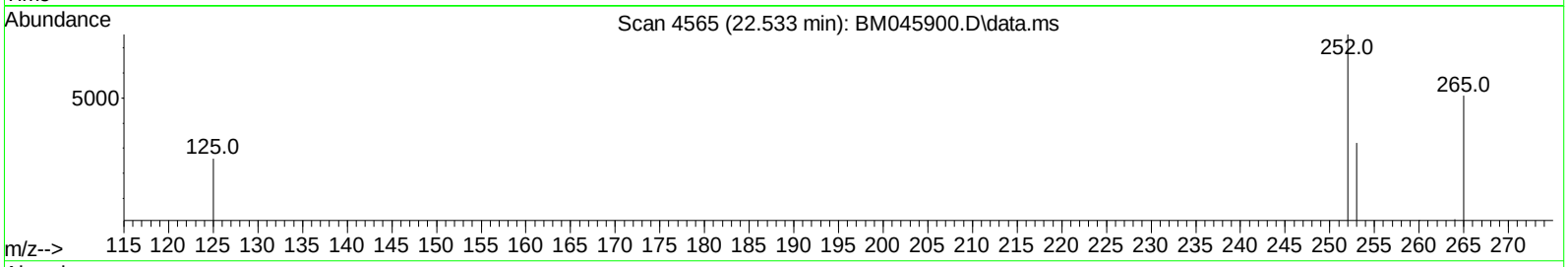

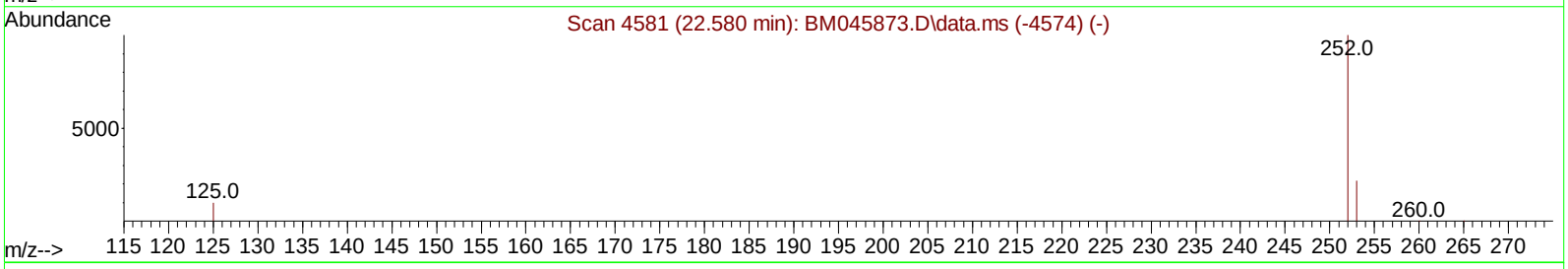

TIC: BM045900.D\data.ms

(25) Benzo(k)fluoranthene

22.533min (-0.047) 0.25 ng/ul

response 18847

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	42.74#
125.00	17.70	34.28#
0.00	0.00	0.00

Quantitation Report (Qedit)

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ALS Vial : 28 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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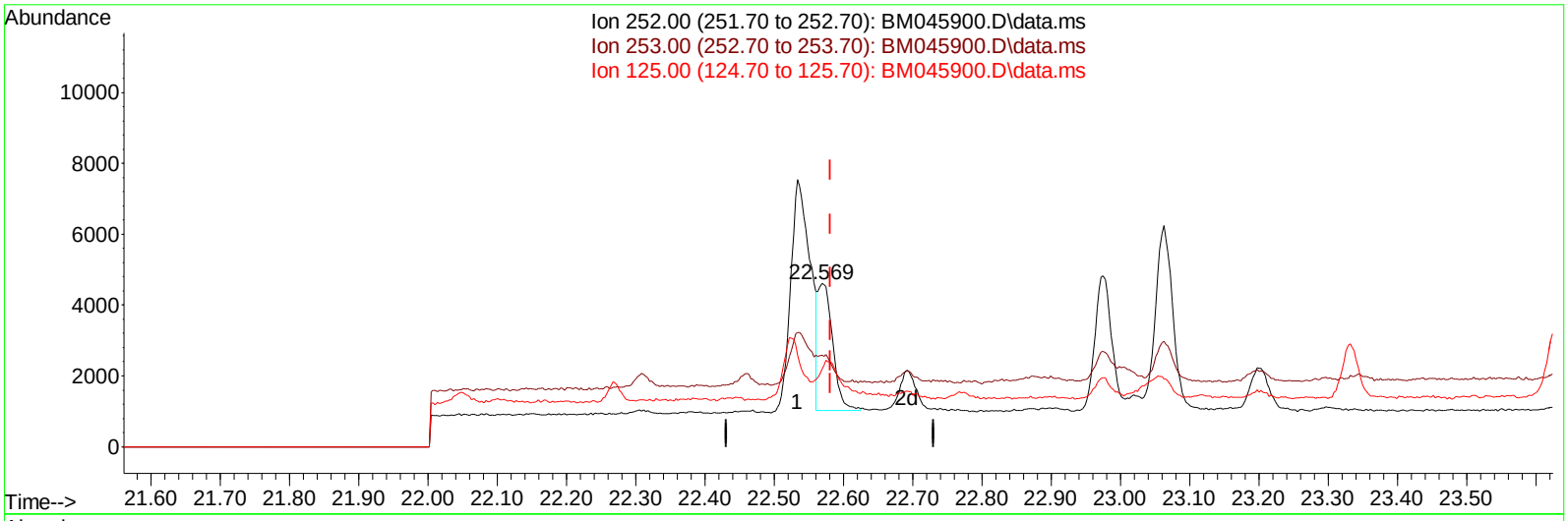

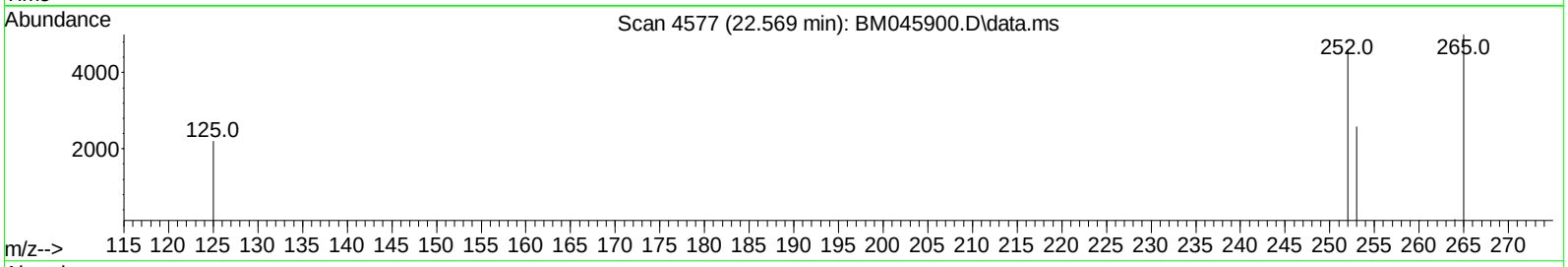

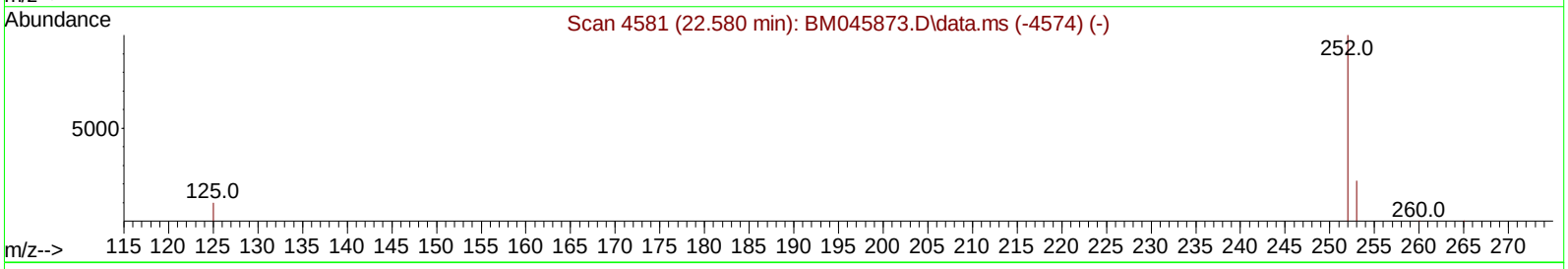

TIC: BM045900.D\data.ms

(25) Benzo(k)fluoranthene

22.569min (-0.012) 0.07 ng/ul m

response 5387

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	56.01#
125.00	17.70	47.70#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	6642	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.243	136	22526	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.113	164	12492	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.858	188	24746	0.400	ng/ul	0.00
17) Chrysene-d12	21.049	240	19336	0.400	ng/ul	0.00
23) Perylene-d12	23.156	264	20474m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.067	96	4406	0.582	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152	1179	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.890	212	2290	0.040	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	16.896	178	16726	0.241	ng/ul	99
16) Anthracene	16.989	178	3890	0.066	ng/ul#	92
19) Fluoranthene	18.918	202	27152	0.352	ng/ul	99
20) Pyrene	19.281	202	23794	0.296	ng/ul	98
21) Benzo(a)anthracene	21.032	228	11081	0.156	ng/ul	96
22) Chrysene	21.084	228	11123	0.144	ng/ul	97
24) Benzo(b)fluoranthene	22.533	252	13119m	0.193	ng/ul	
25) Benzo(k)fluoranthene	22.569	252	5387m	0.072	ng/ul	
26) Benzo(a)pyrene	23.063	252	8971	0.133	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.222	276	6605	0.076	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.225	278	1523	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	25.856	276	6818	0.091	ng/ul#	84

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

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