

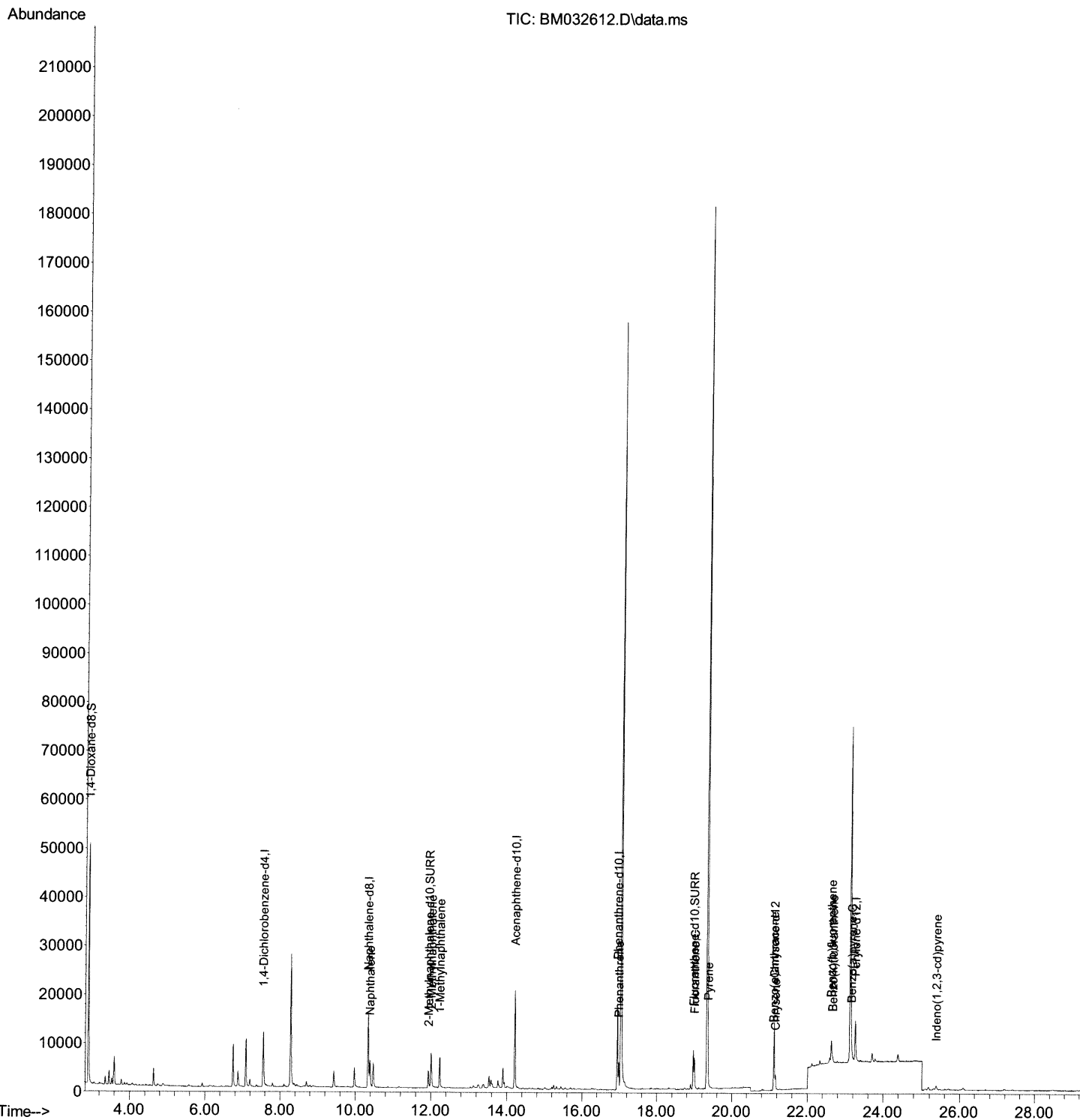
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032612.D
Acq On : 20 Oct 2021 10:16
Operator : CG/JU
Sample : M4181-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B20

Manual Integrations
APPROVED

mohammad
10/20/2021 1:56:10 PM

Quant Time: Oct 20 11:04:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 19 15:20:30 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

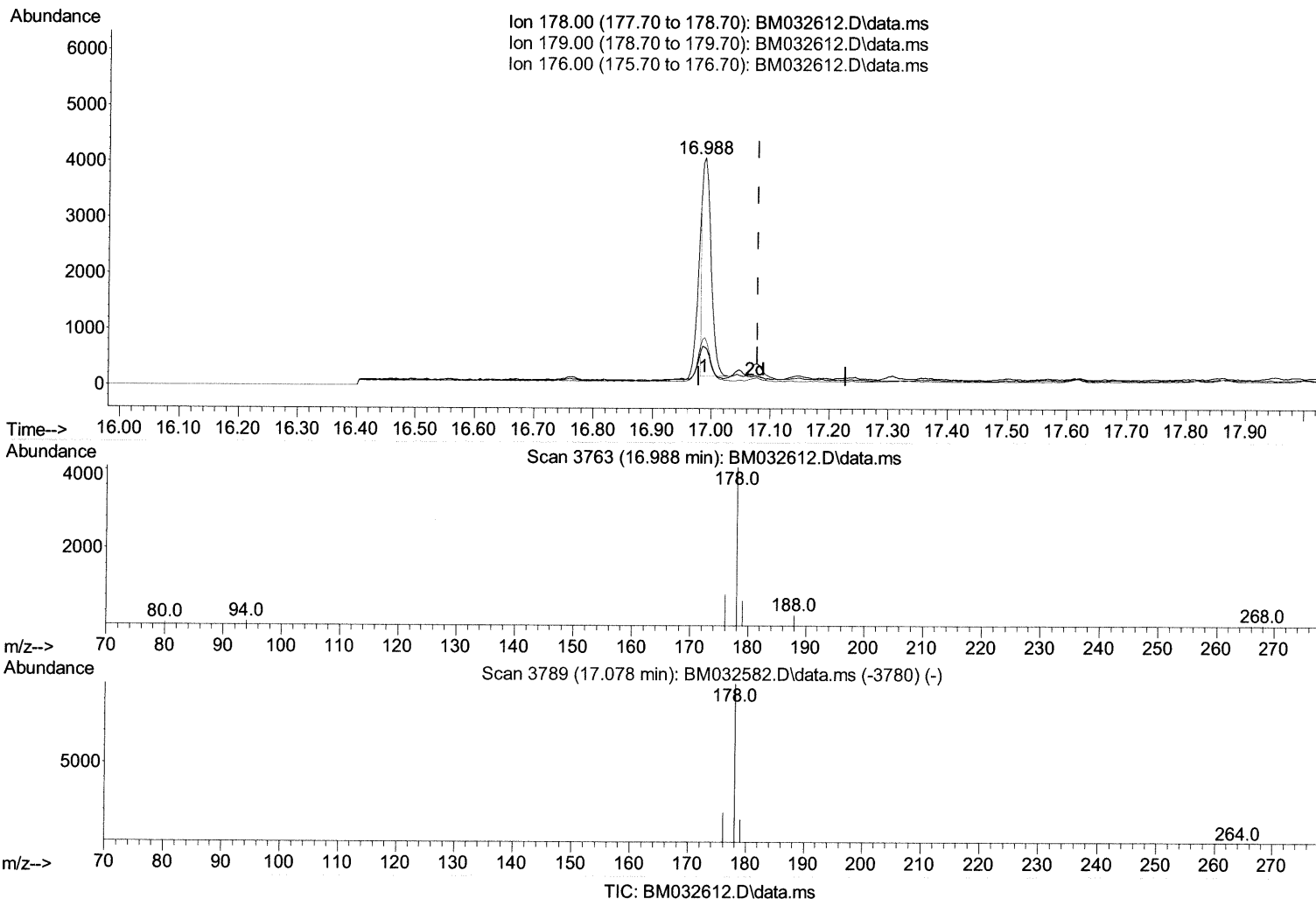
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(16) Anthracene

16.988min (-0.090) 0.07 ng/ul

response 3817

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.10	16.86
176.00	19.70	21.05
0.00	0.00	0.00

Quantitation Report (Qedit)

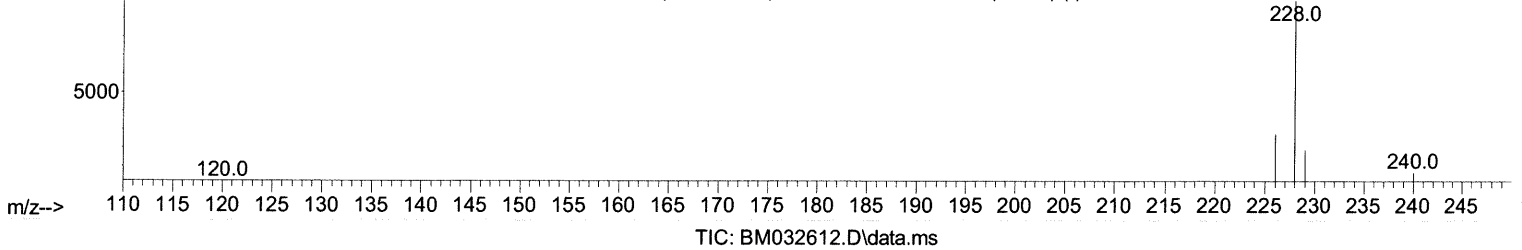
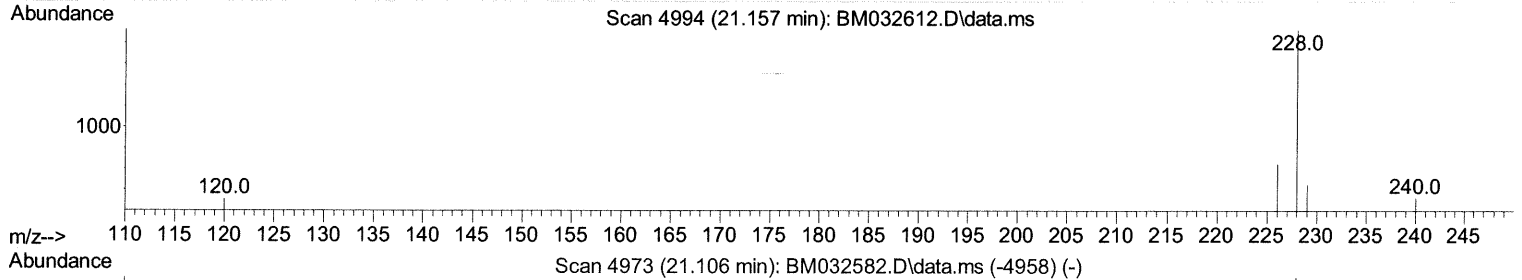
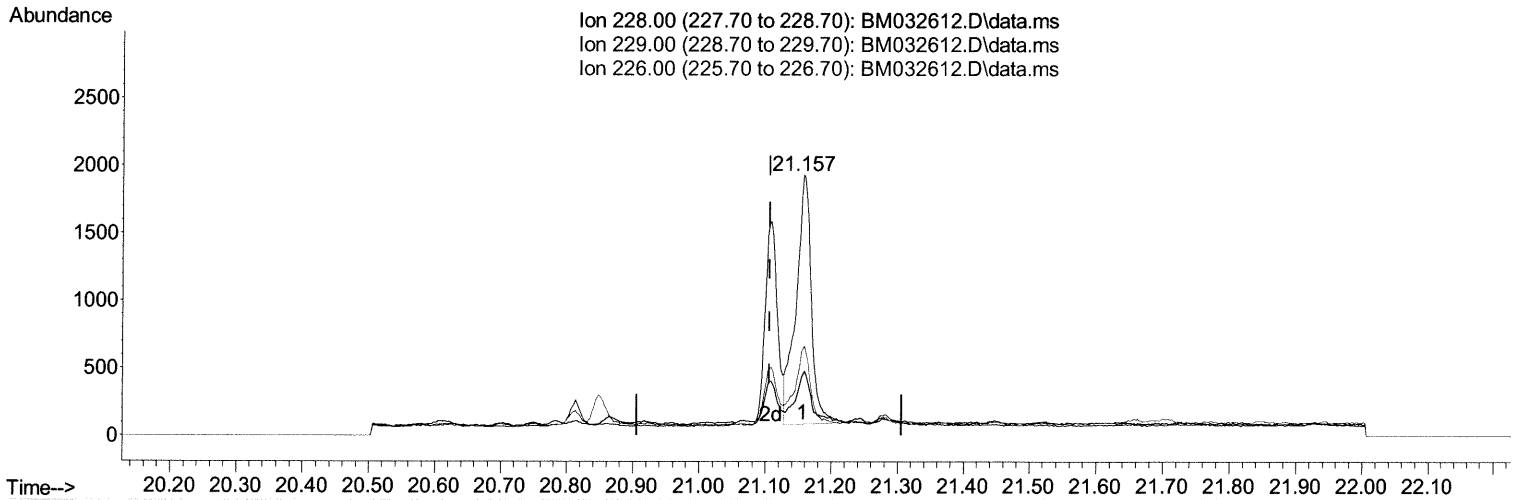
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(21) Benzo(a)anthracene

21.157min (+ 0.051) 0.07 ng/ul

response 3027

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	23.61
226.00	28.00	33.56
0.00	0.00	0.00

Quantitation Report (Qedit)

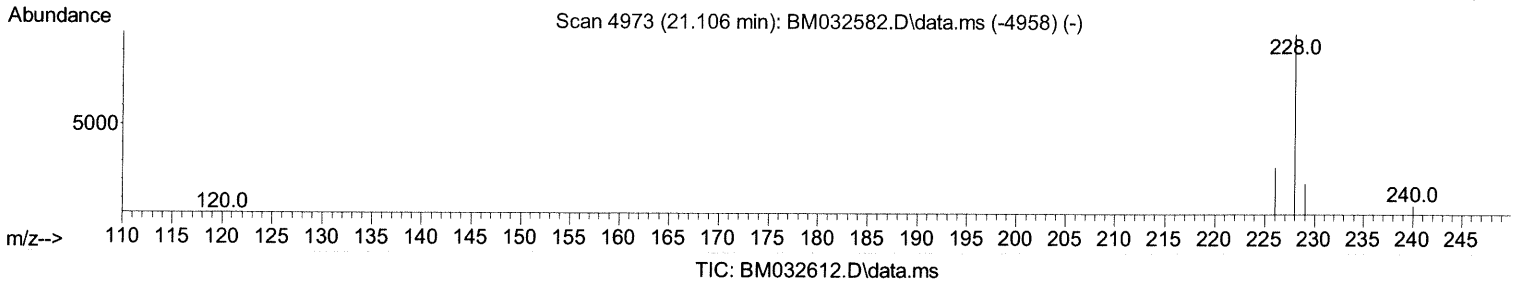
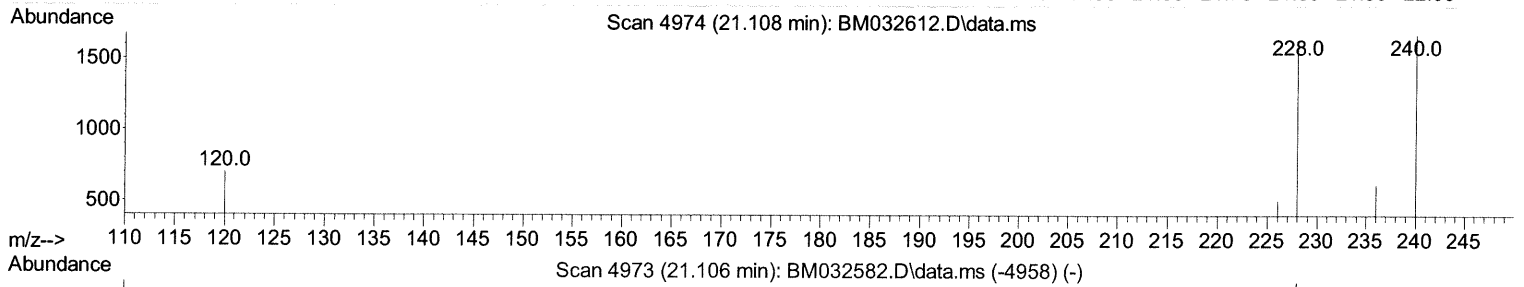
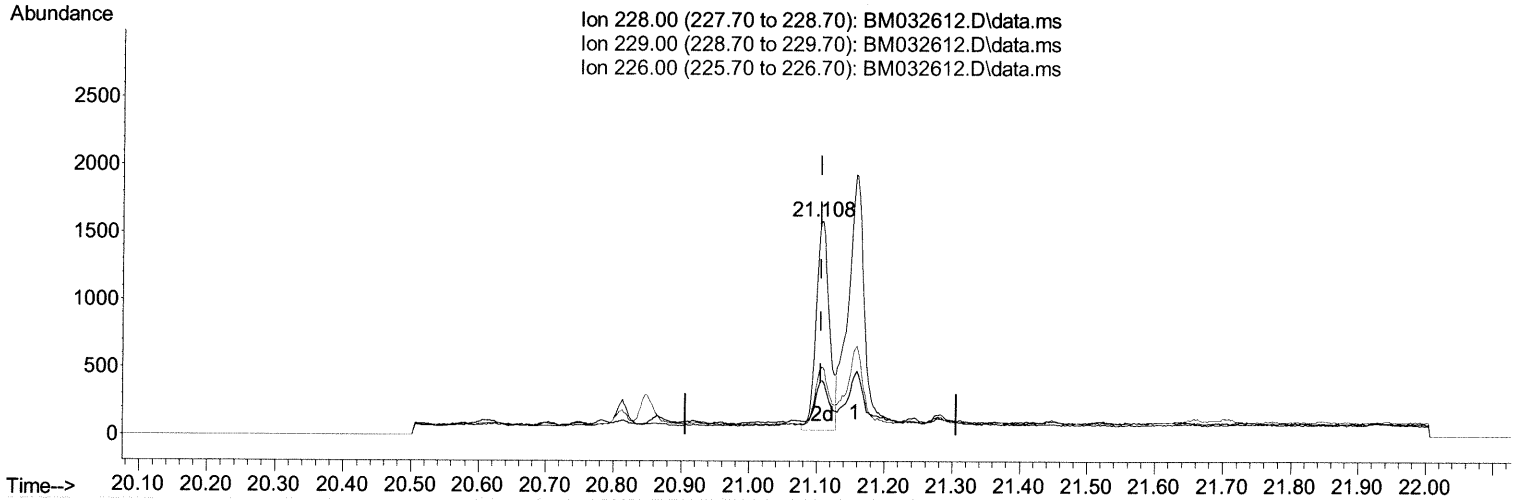
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(21) Benzo(a)anthracene

21.108min (+ 0.002) 0.05 ng/ul m 10/21/21 JU

response 2097

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	25.36#
226.00	28.00	31.91
0.00	0.00	0.00

Quantitation Report (Qedit)

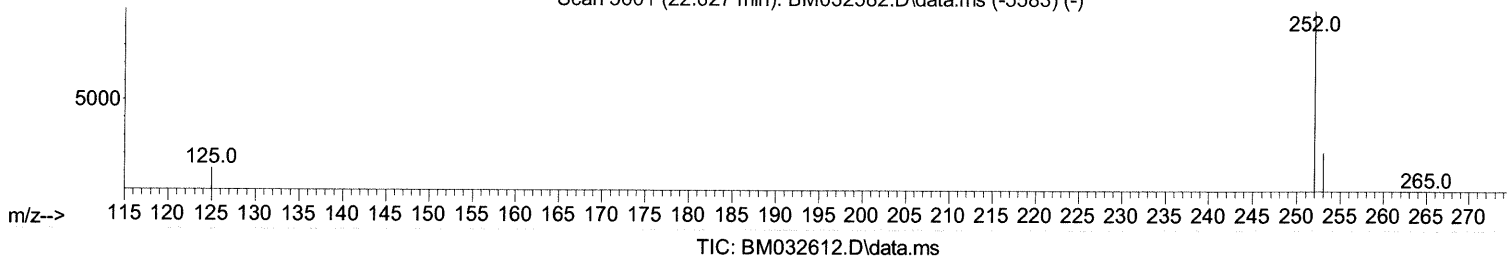
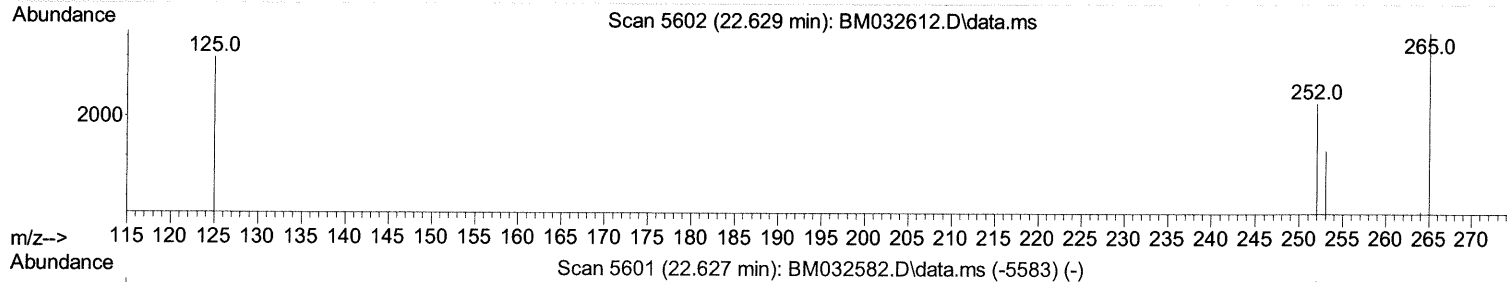
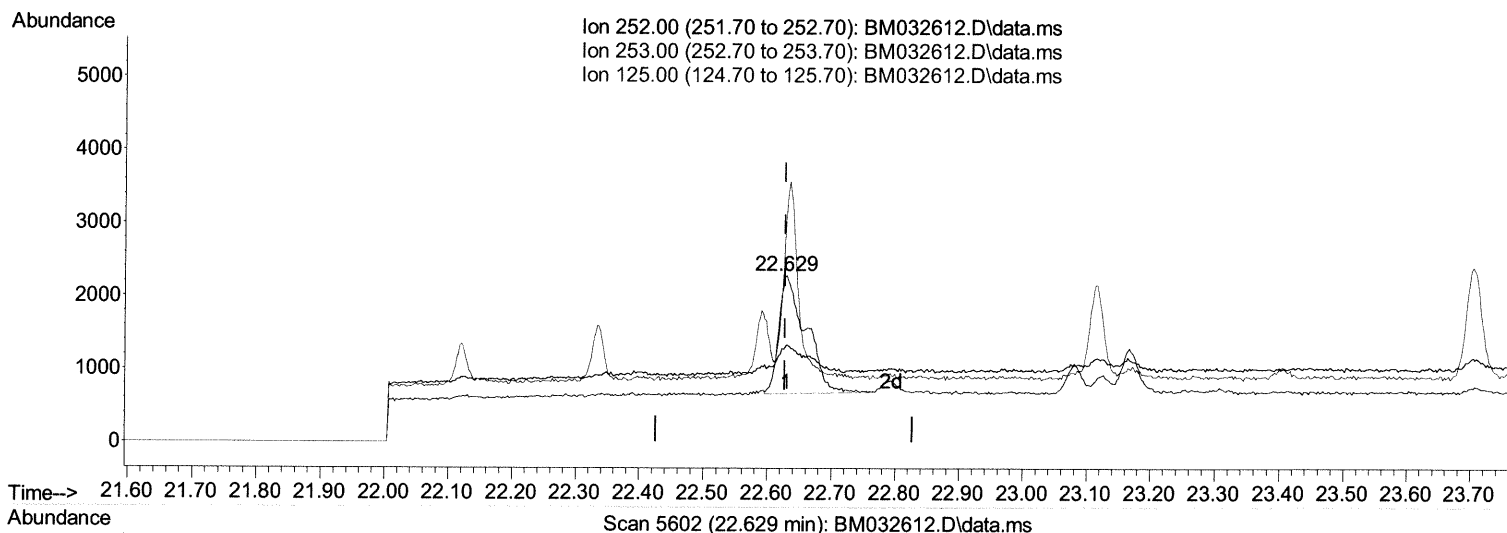
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(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 0.10 ng/u1

response 4811

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	58.22#
125.00	17.80	139.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

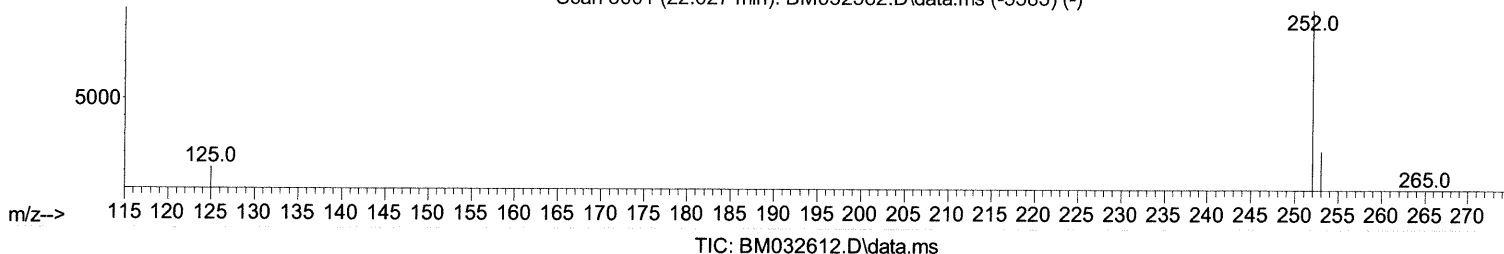
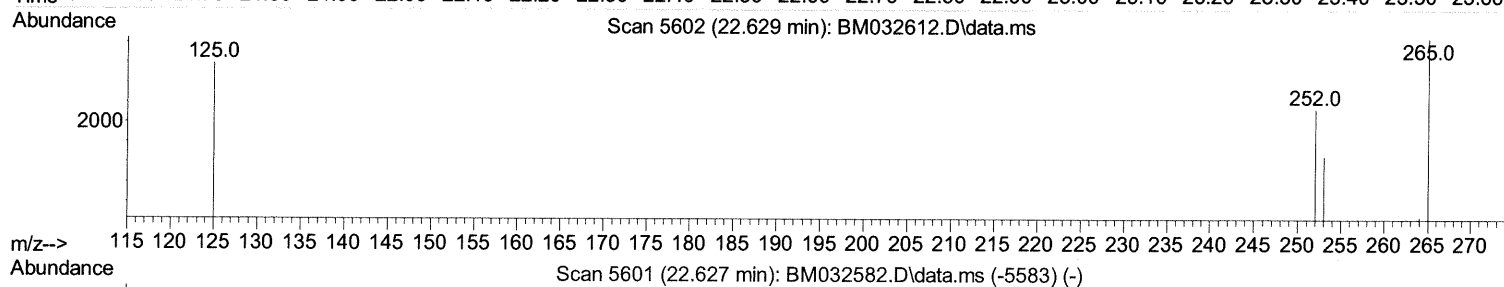
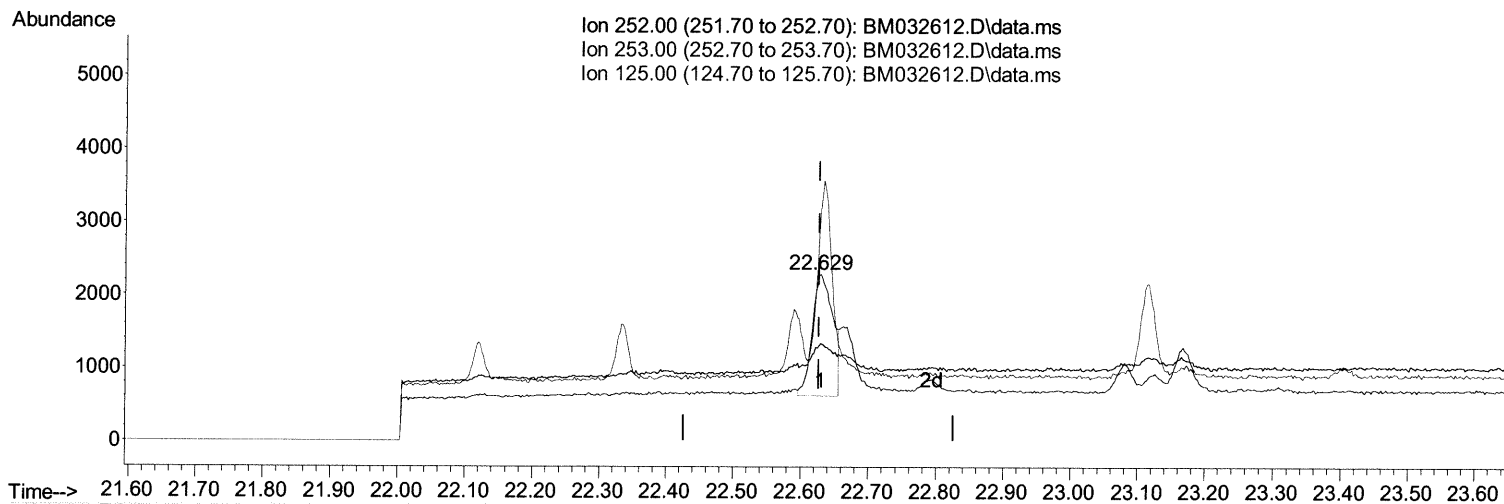
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032612.D
 Acq On : 20 Oct 2021 10:16
 Operator : CG/JU
 Sample : M4181-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B20

Manual Integrations
 APPROVED

mohammad
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(24) Benzo(b)fluoranthene

22.629min (+ 0.002) 0.07 ng/ul m 10/20/21 JU

response 3524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.90	58.22#
125.00	17.80	139.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

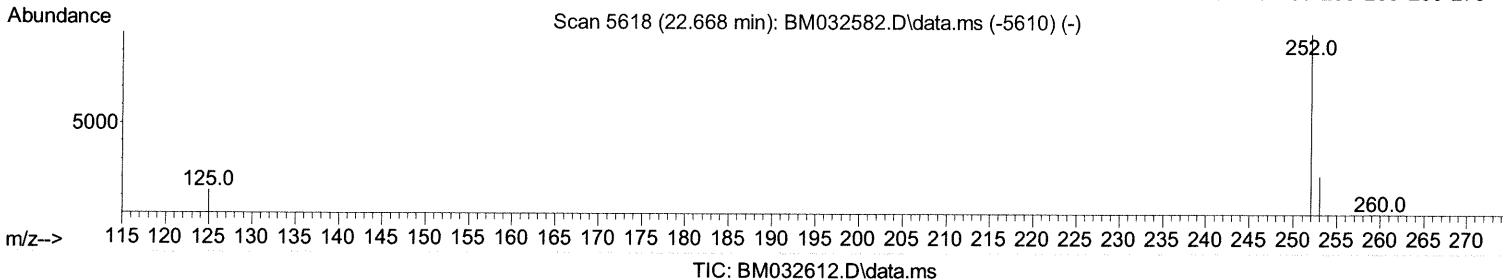
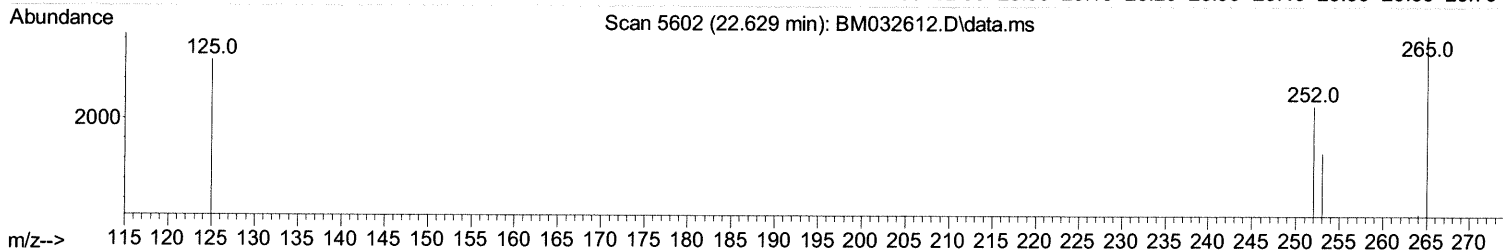
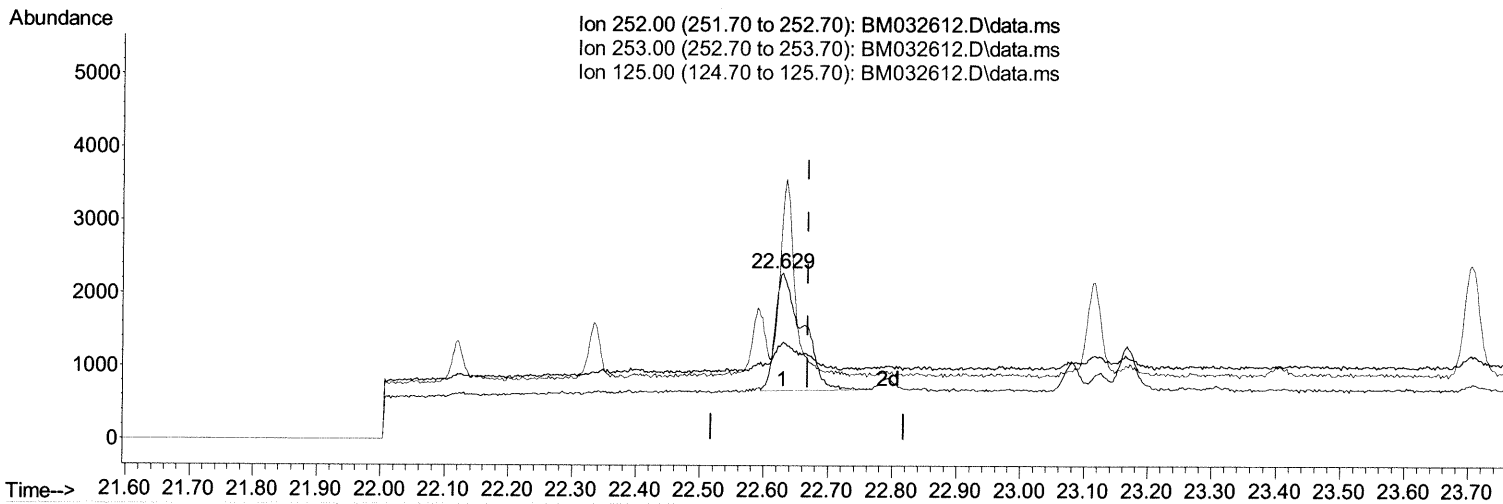
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032612.D
 Acq On : 20 Oct 2021 10:16
 Operator : CG/JU
 Sample : M4181-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B20

Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(25) Benzo(k)fluoranthene

22.629min (-0.039) 0.10 ng/ul

response 4780

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	58.22#
125.00	18.00	139.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

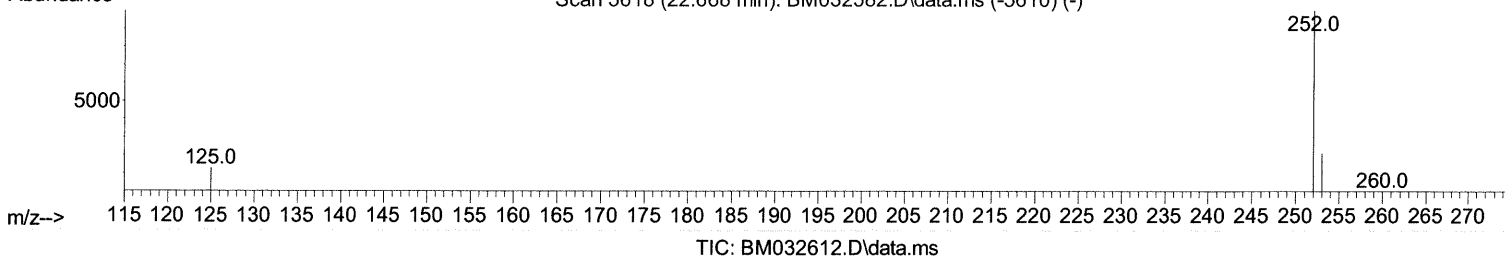
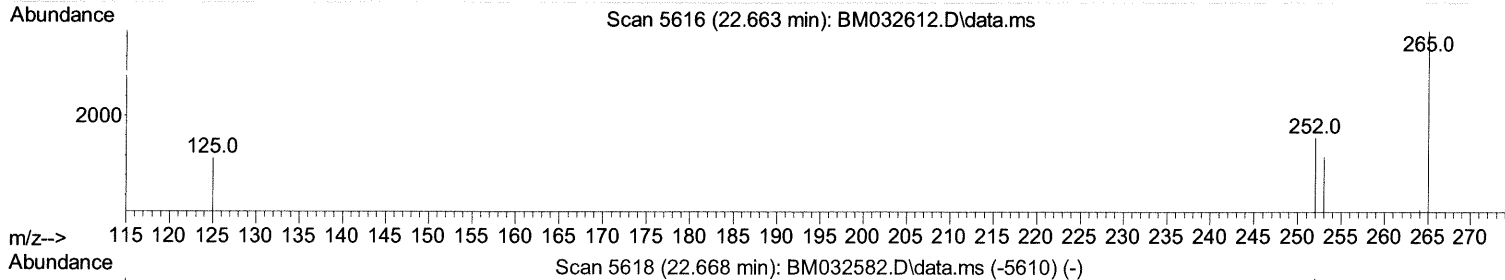
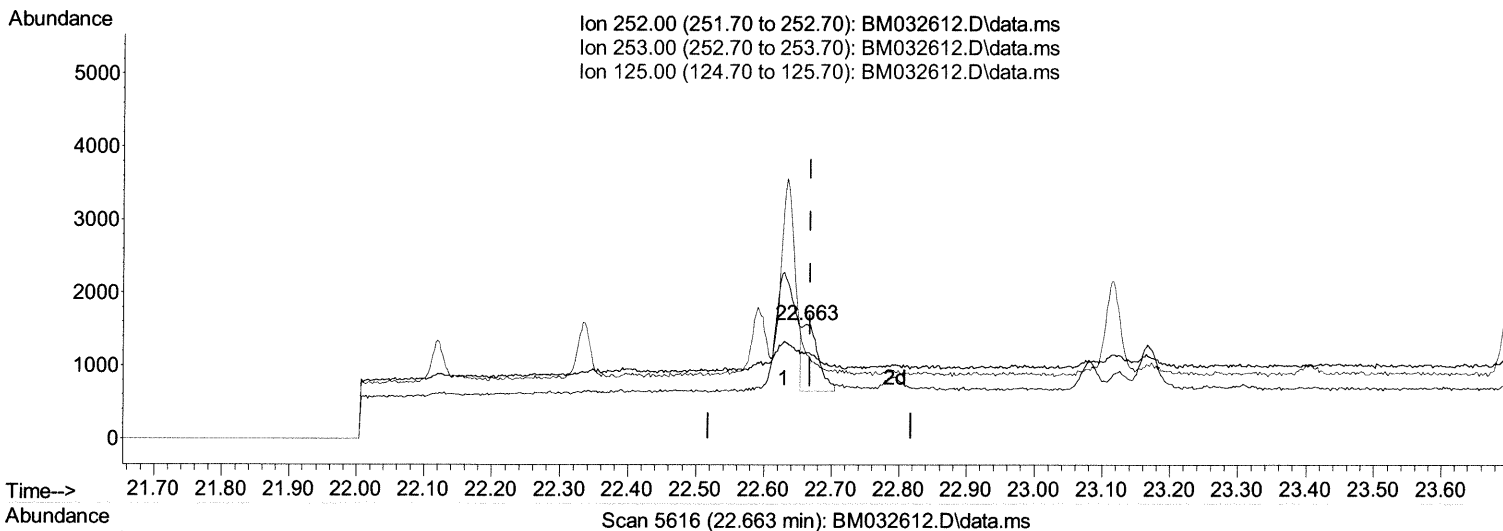
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032612.D
 Acq On : 20 Oct 2021 10:16
 Operator : CG/JU
 Sample : M4181-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B20

Manual Integrations
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(25) Benzo(k)fluoranthene

22.663min (-0.005) 0.03 ng/ul m 10/21/21 JU

response 1534

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	75.33#
125.00	18.00	73.04#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032612.D
 Acq On : 20 Oct 2021 10:16
 Operator : CG/JU
 Sample : M4181-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21451	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	10835	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	19789	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	11699	0.400	ng/ul	0.00
23) Perylene-d12	23.261	264	10185	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	28407	3.828	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	5246	0.183	ng/ul	0.00
18) Fluoranthene-d10	18.973	212	8557	0.232	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.389	128	8048	0.124	ng/ul	99
7) 2-Methylnaphthalene	12.012	142	6088	0.143	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	4615	0.110	ng/ul	100
15) Phenanthrene	16.988	178	5669	0.085	ng/ul	98
19) Fluoranthene	19.000	202	5222	0.090	ng/ul	95
20) Pyrene	19.362	202	4316	0.073	ng/ul#	92
21) Benzo(a)anthracene	21.108	228	2097m	0.046	ng/ul >	10/21/21 JU
22) Chrysene	21.157	228	3027	0.060	ng/ul#	94
24) Benzo(b)fluoranthene	22.629	252	3524m	0.075	ng/ul	10/21/21 JU
25) Benzo(k)fluoranthene	22.663	252	1534m	0.033	ng/ul >	
26) Benzo(a)pyrene	23.167	252	1108	0.028	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.372	276	1131	0.023	ng/ul#	96

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