

Quantitation Report (QT Reviewed)

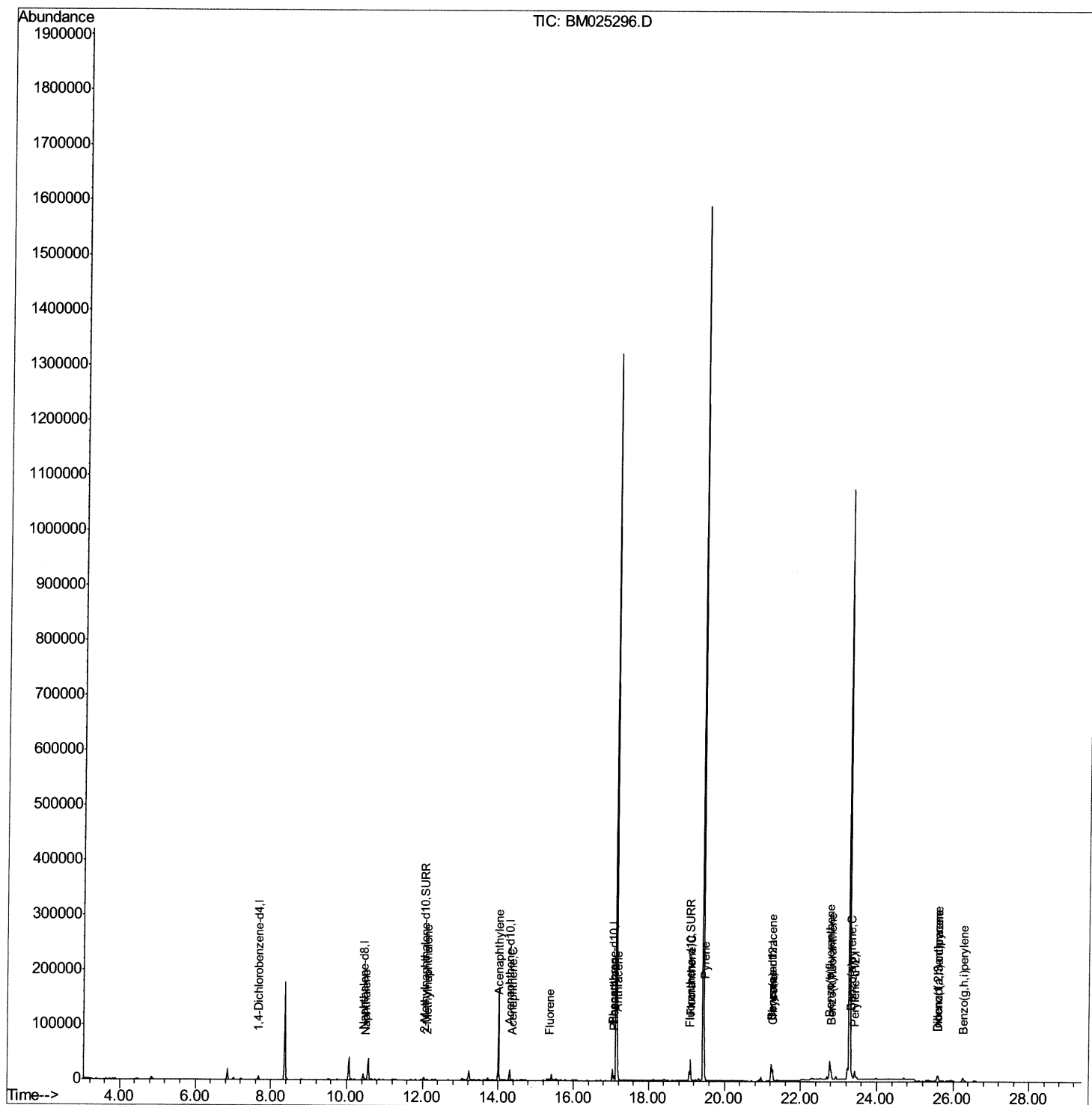
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025296.D
 Acq On : 05 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1543-17
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD99

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:07 PM

Quant Time: Mar 06 03:07:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration



Quantitation Report (Qedit)

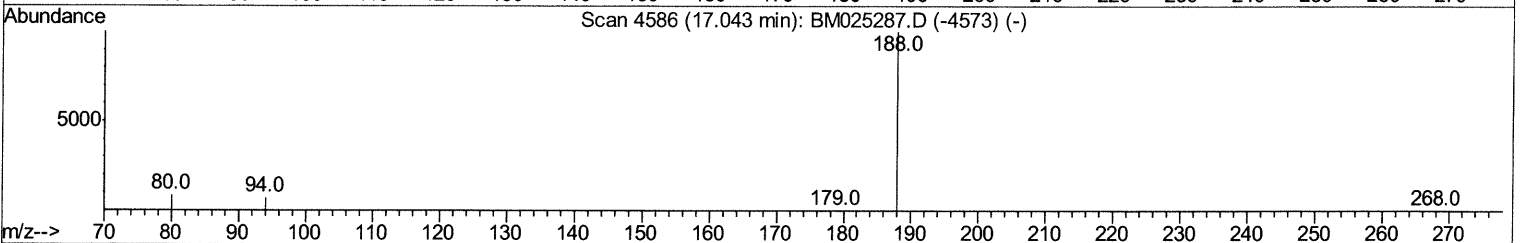
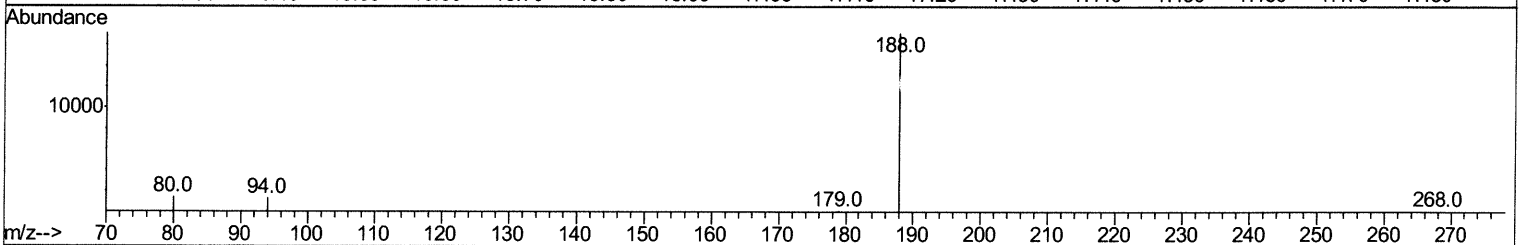
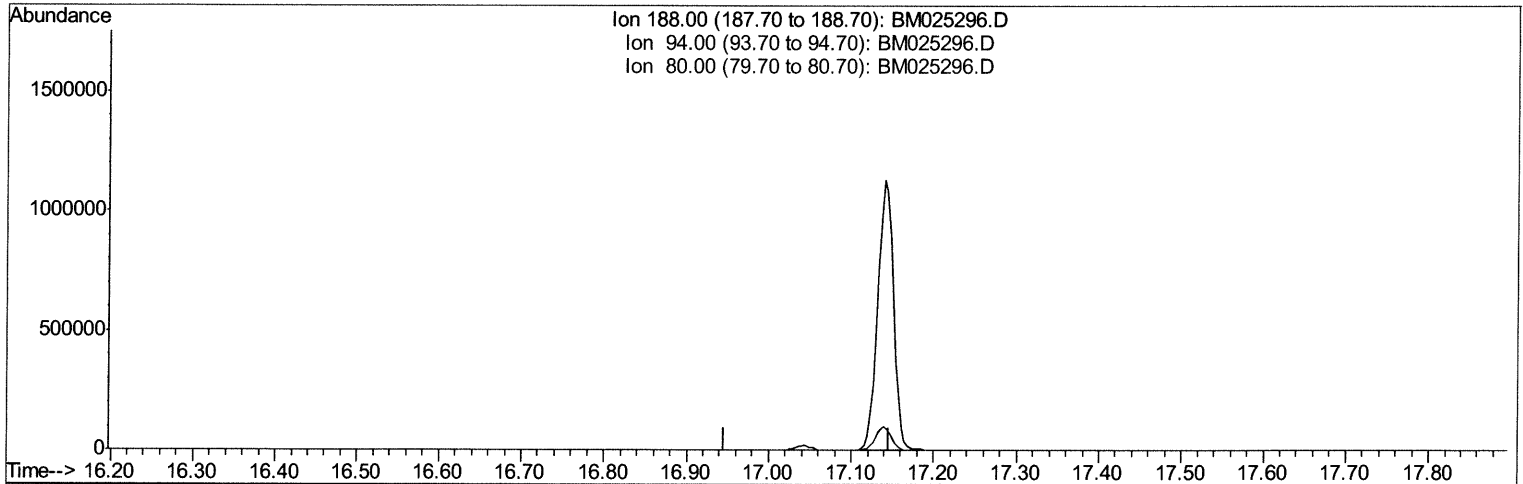
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TIC: BM025296.D

(10) Phenanthrene-d10 (I)

17.046min (-17.046) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	26.60	0.00#
80.00	22.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

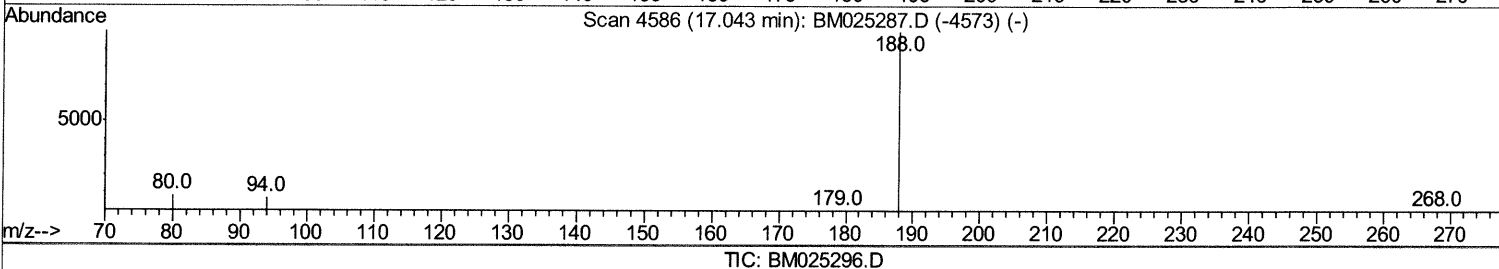
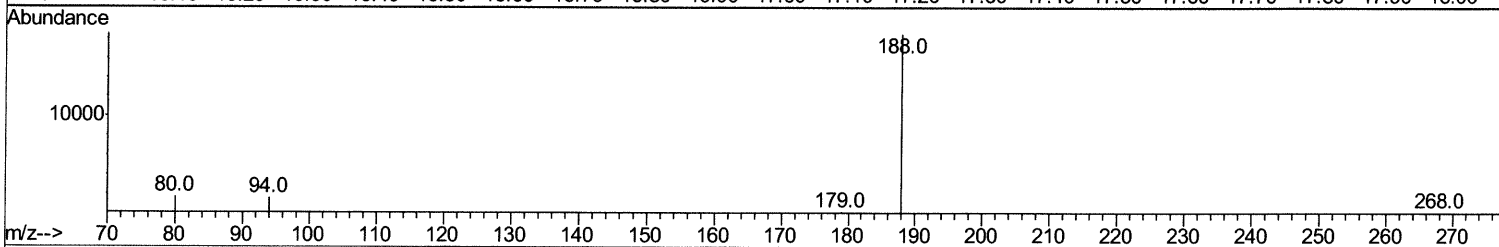
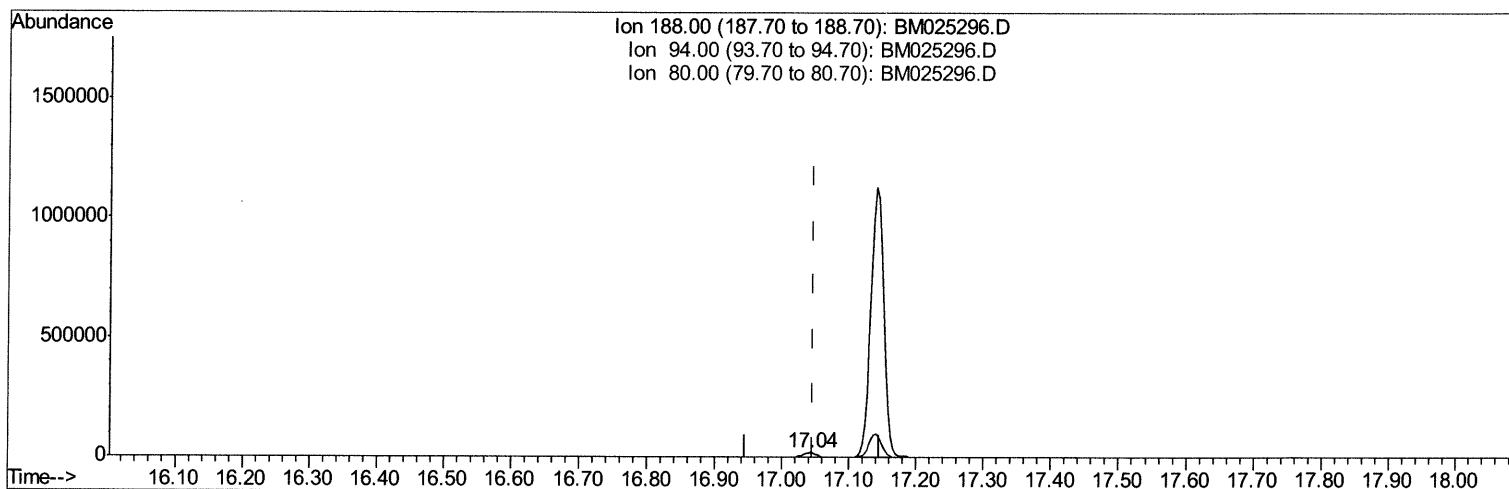
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(10) Phenanthrene-d10 (I)

17.043min (-0.003) 0.40ng/ul m *Ju 03/06/20*

response 24940

Ion	Exp%	Act%
188.00	100	100
94.00	26.60	8.17#
80.00	22.60	9.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

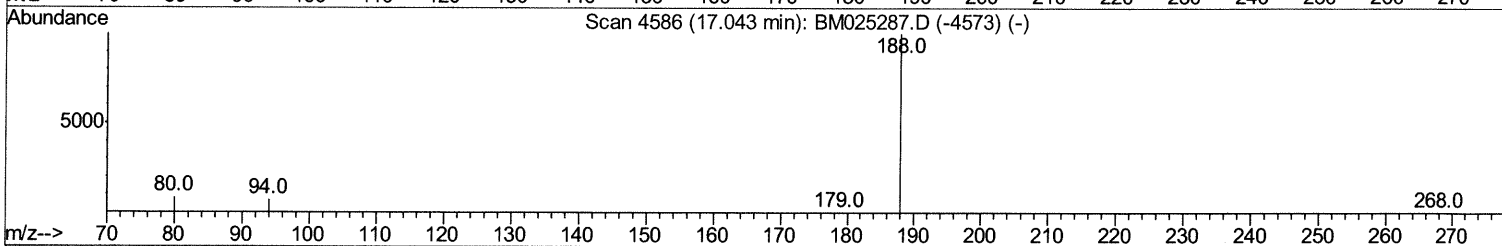
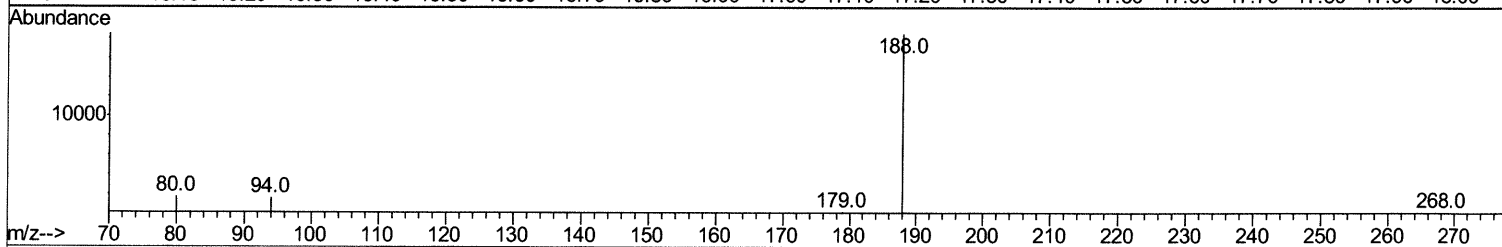
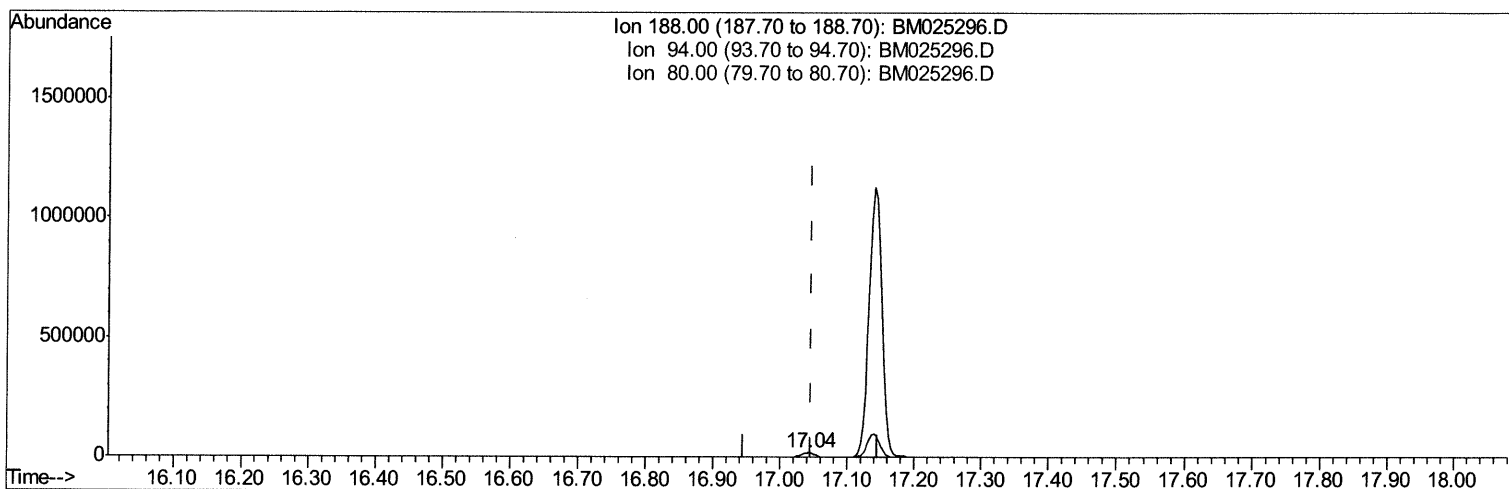
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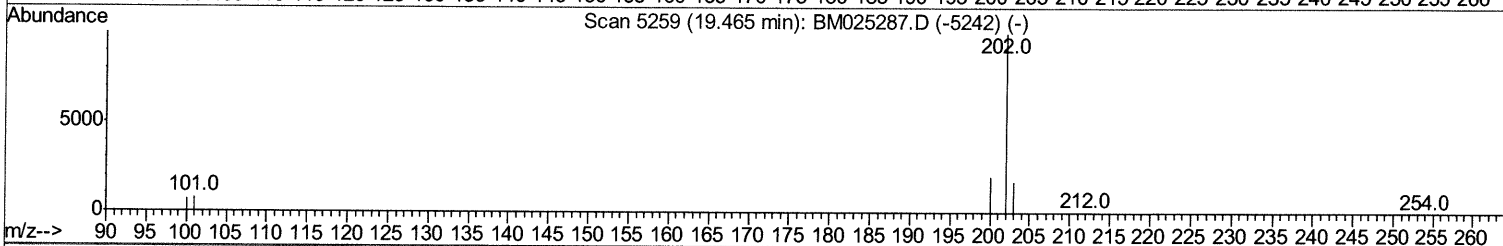
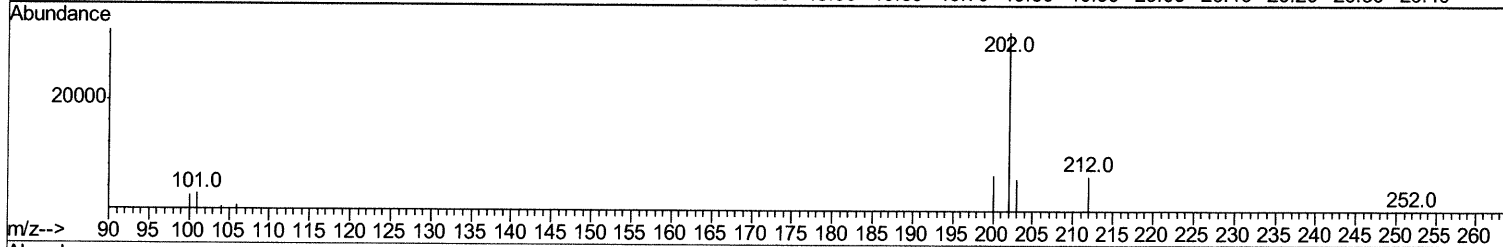
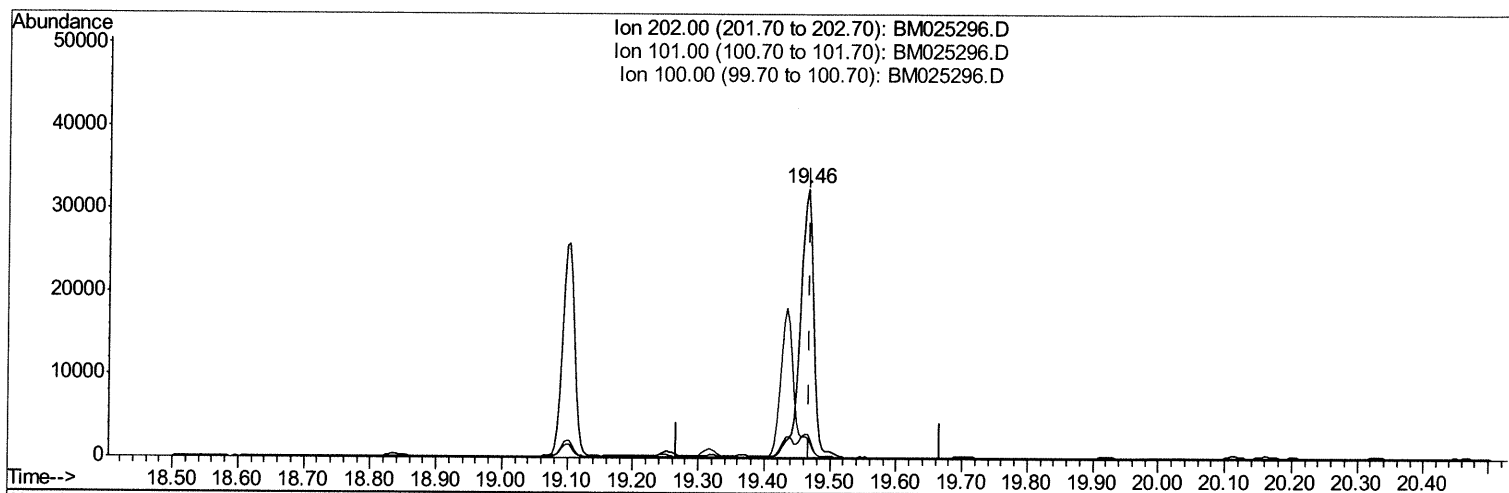
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TIC: BM025296.D

(17) Pyrene

19.465min (-0.003) 0.53ng/ul

response 44062

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	8.96
100.00	9.10	7.74
0.00	0.00	0.00

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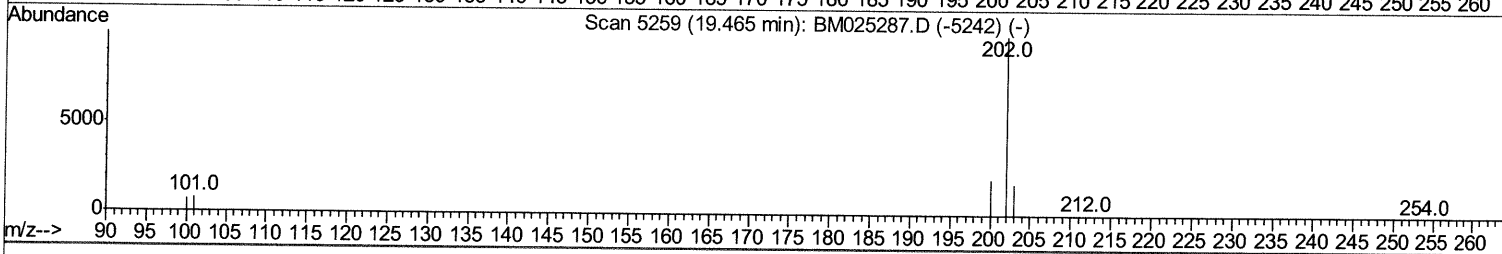
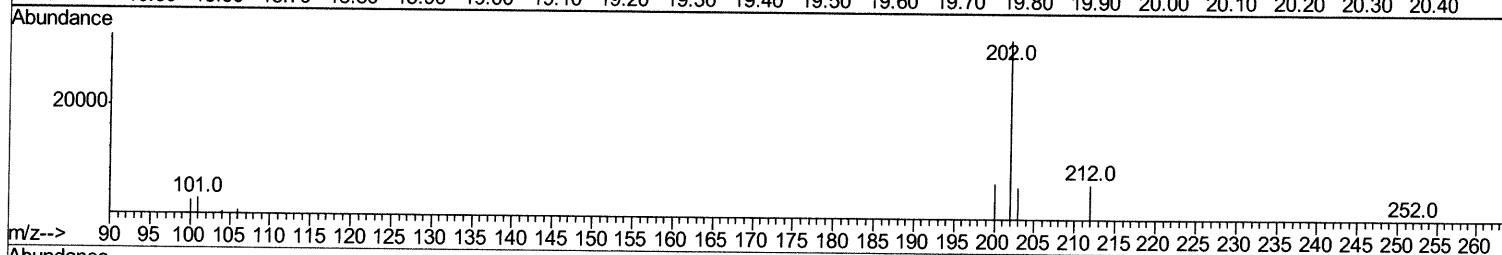
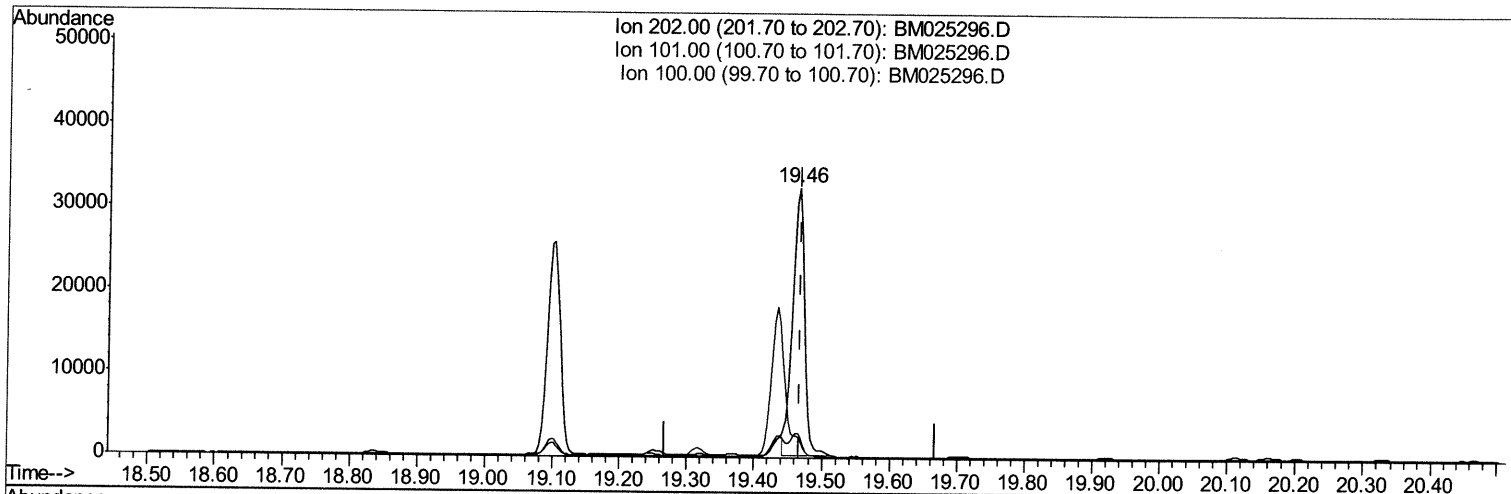
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(17) Pyrene

19.465min (-0.003) 0.50ng/ul m JU 03/06/20

response 41345

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	8.96
100.00	9.10	7.74
0.00	0.00	0.00

Quantitation Report (Qedit)

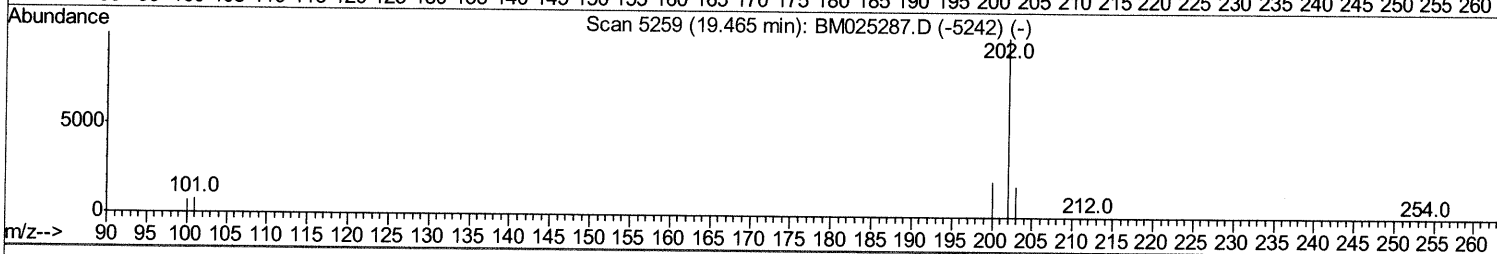
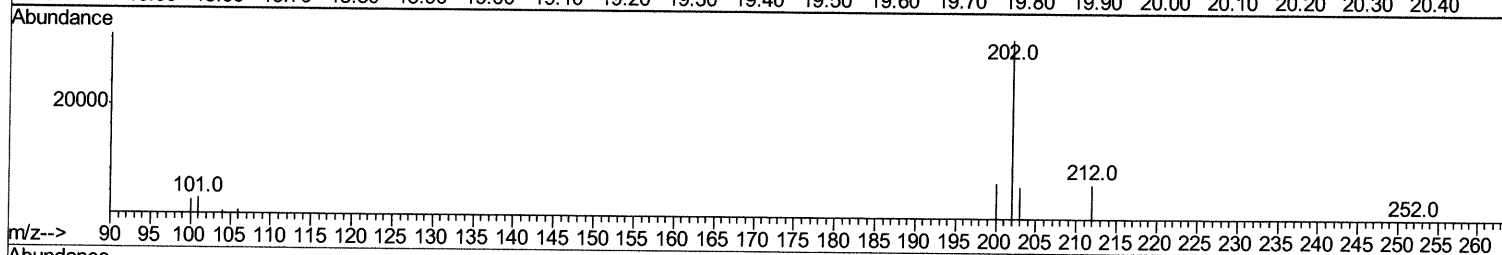
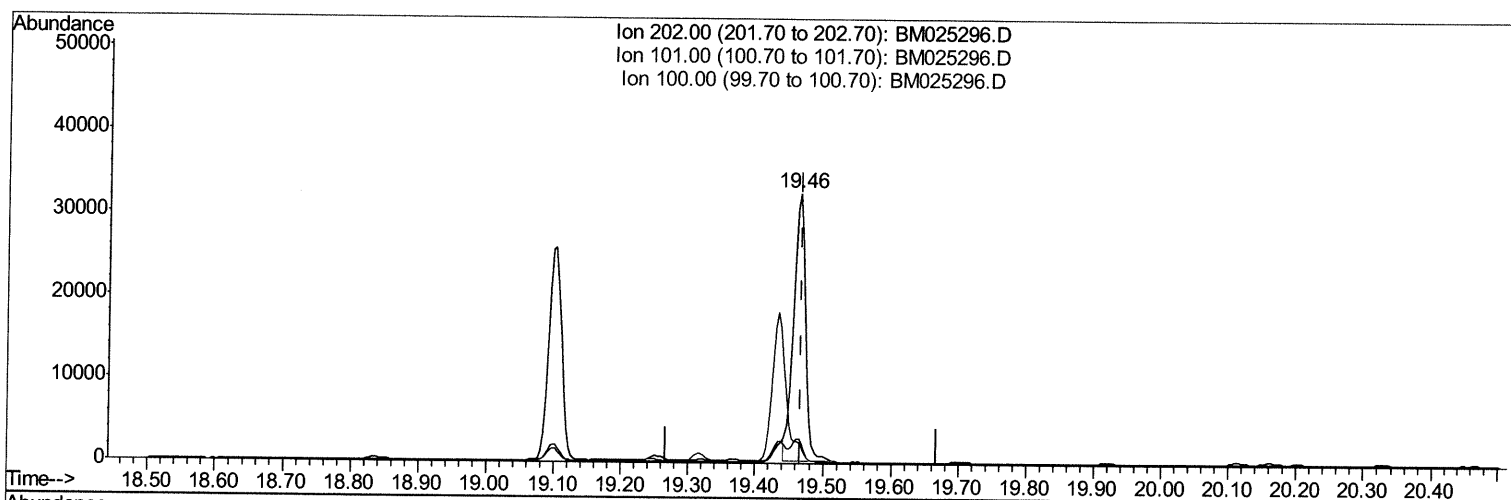
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TIC: BM025296.D

(17) Pyrene

19.465min (-0.003) 0.50ng/ul m J403/06/20

response 41345

Ion	Exp%	Act%
202.00	100	100
101.00	10.90	8.96
100.00	9.10	7.74
0.00	0.00	0.00

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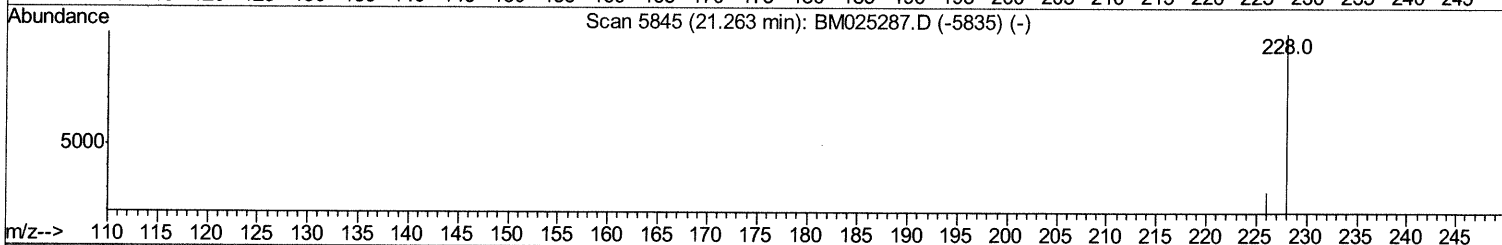
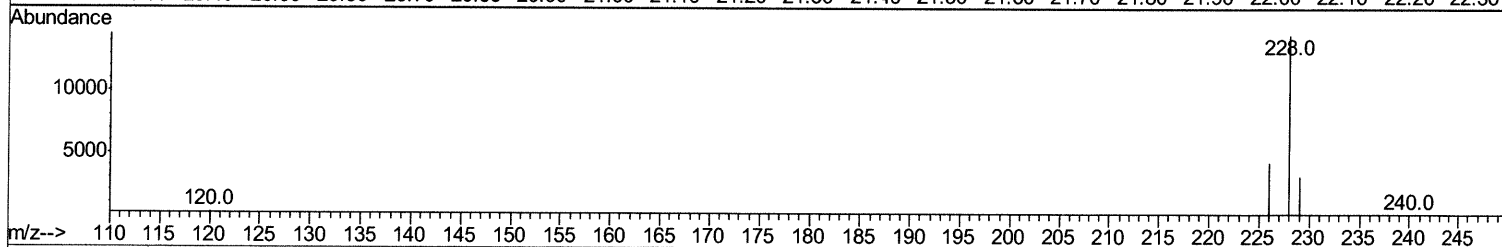
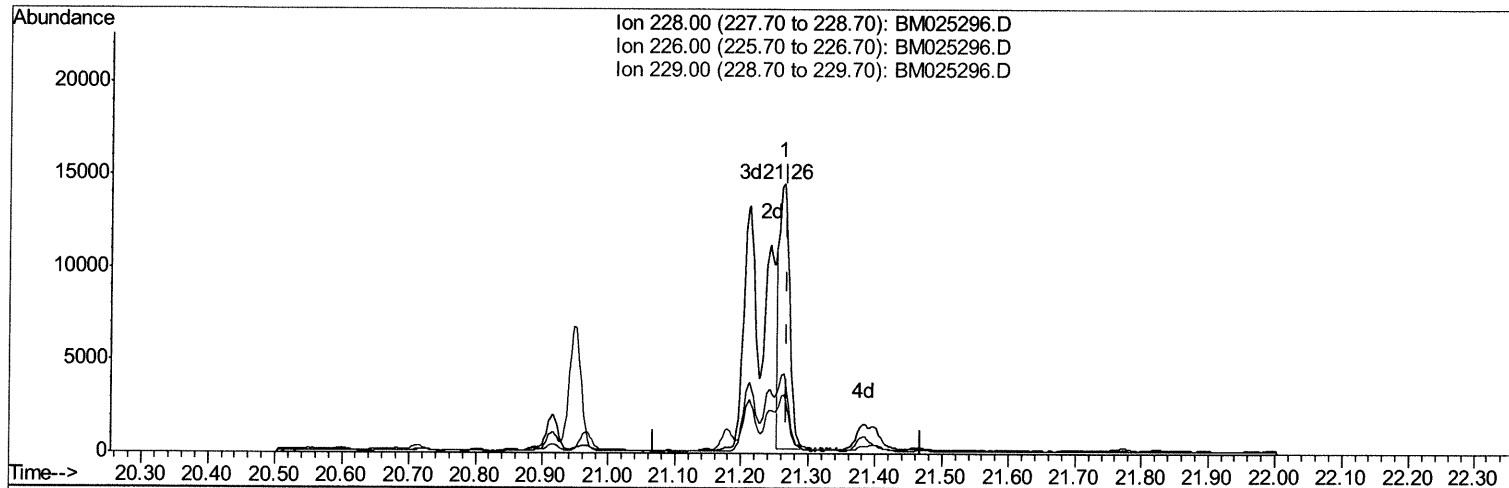
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(19) Chrysene

21.263min (-0.005) 0.17ng/ul

response 14977

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.44
229.00	21.10	21.73
0.00	0.00	0.00

Quantitation Report (Qedit)

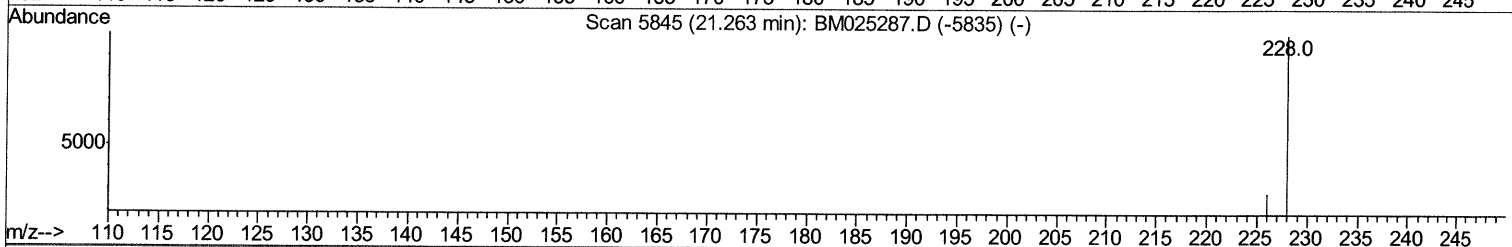
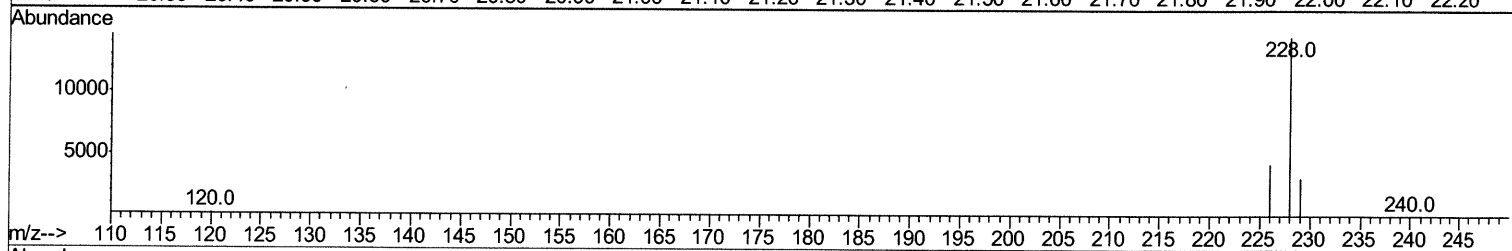
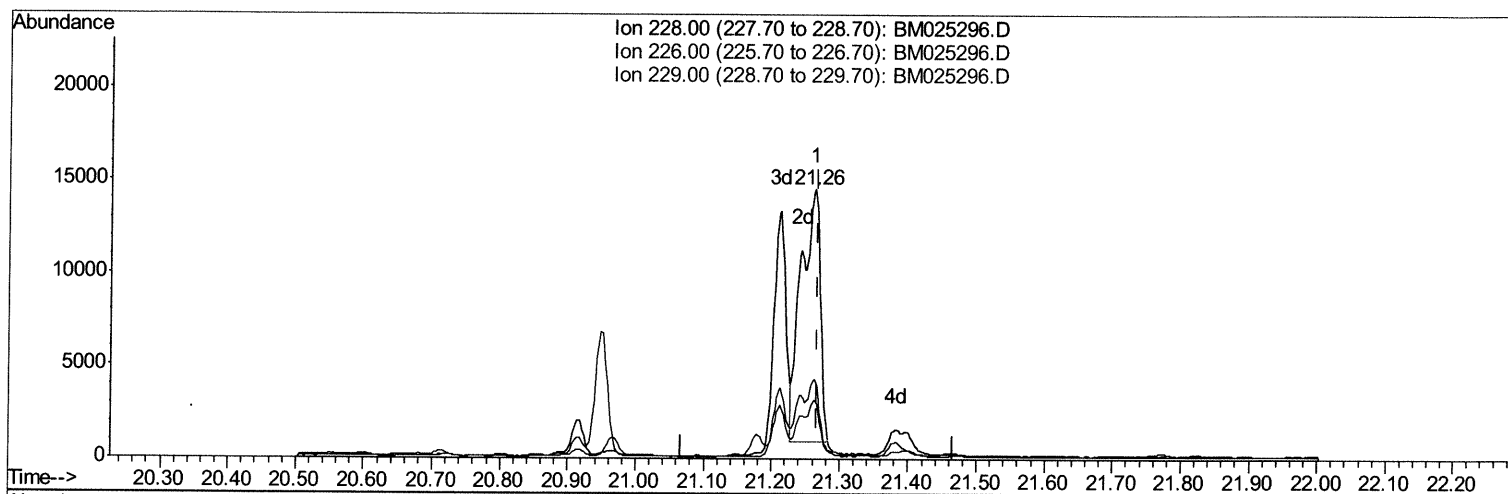
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Manual Integrations
APPROVED

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TIC: BM025296.D

(19) Chrysene

21.263min (-0.005) 0.30ng/ul m 5403/06/20

response 26512

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.44
229.00	21.10	21.73
0.00	0.00	0.00

Quantitation Report (Qedit)

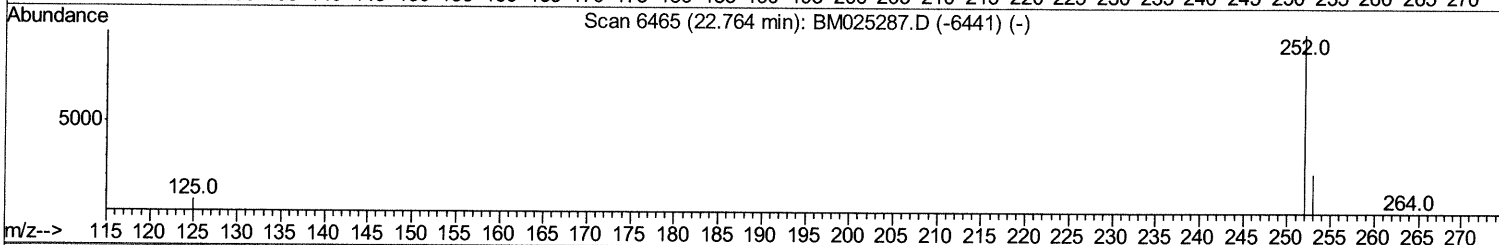
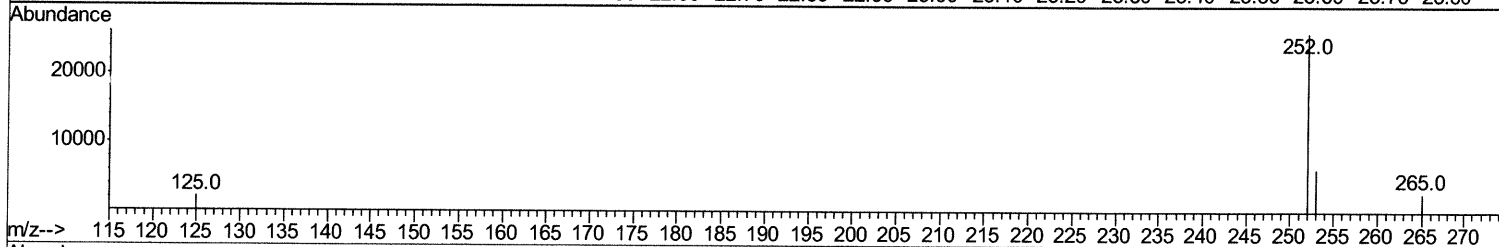
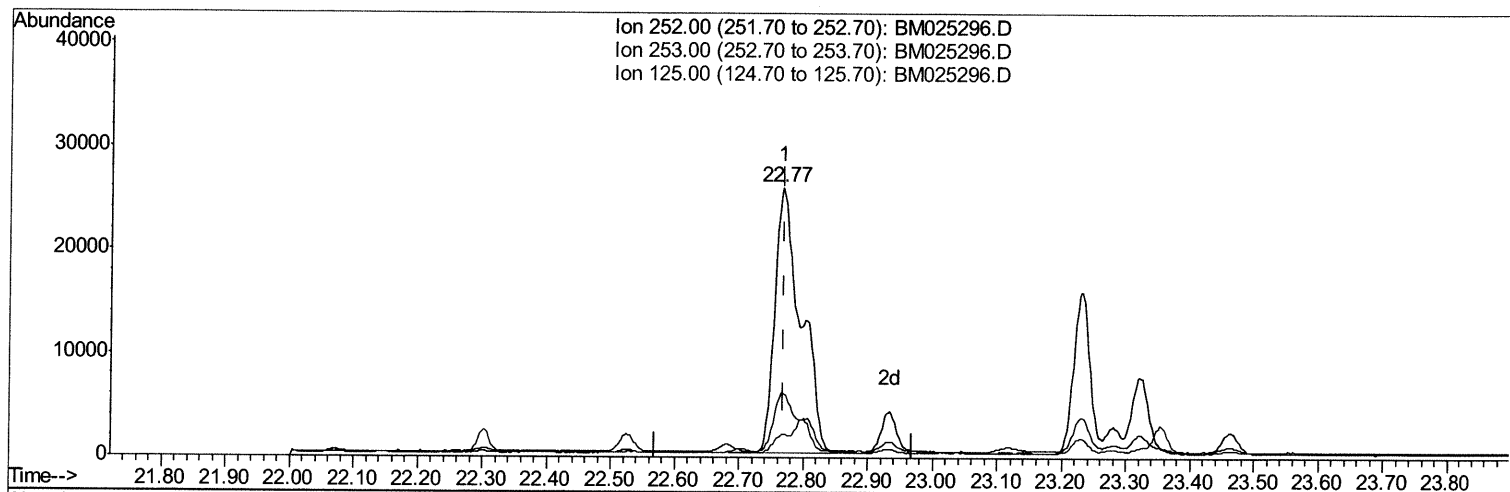
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(21) Benzo(b)fluoranthene

22.767min (-0.002) 0.95ng/ul

response 72692

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	24.27
125.00	14.30	8.48
0.00	0.00	0.00

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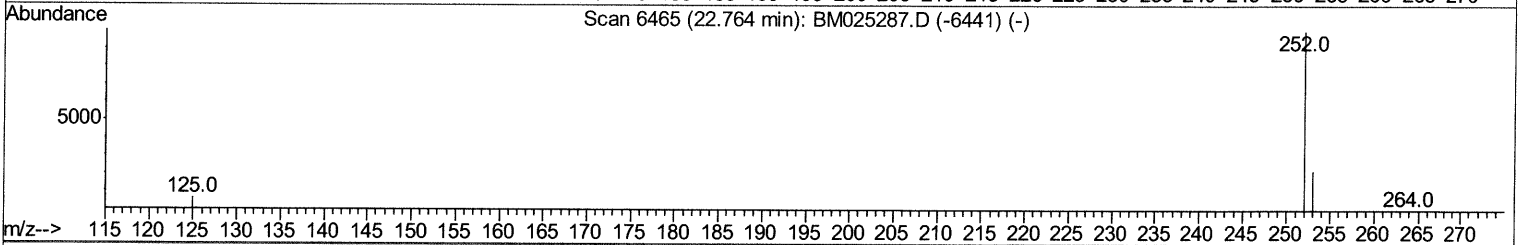
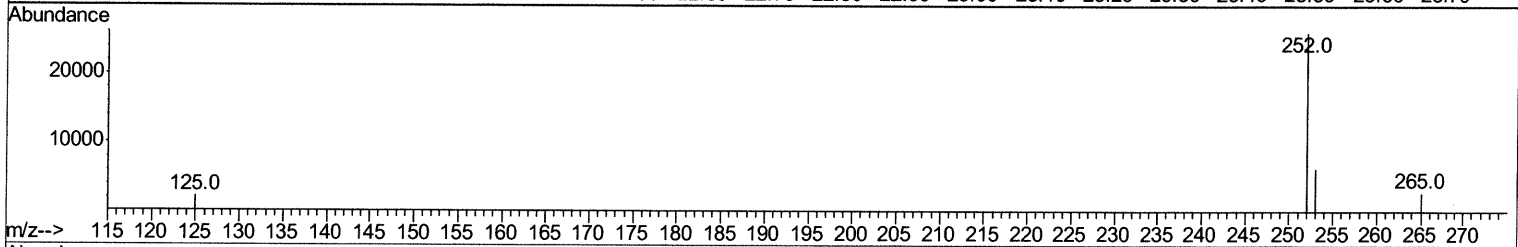
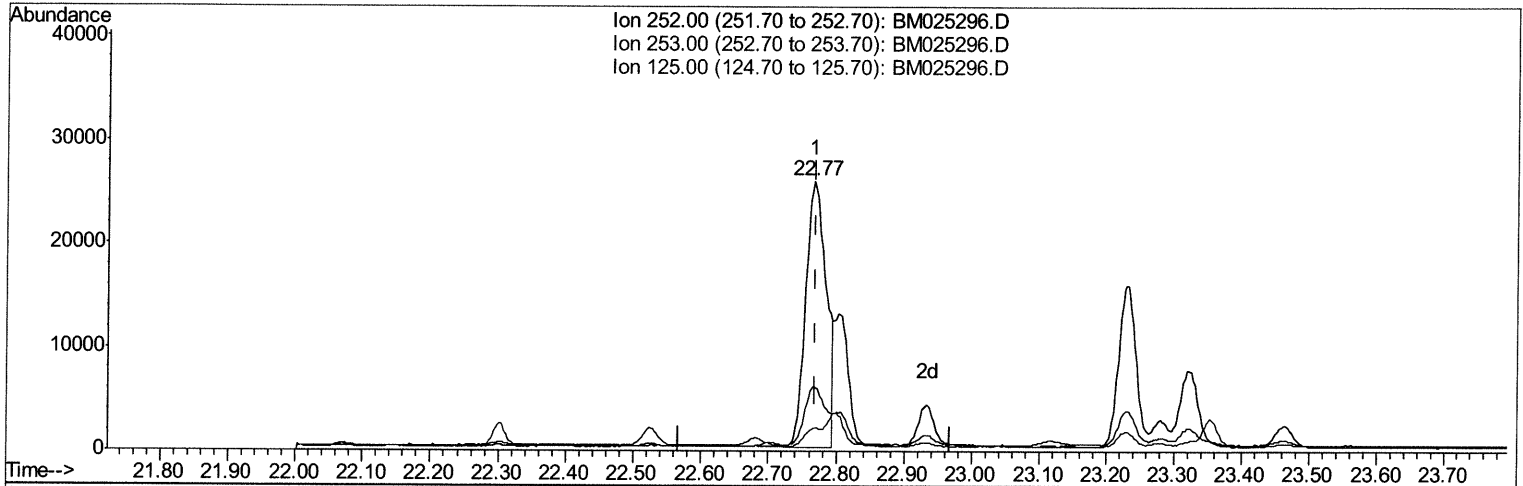
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TIC: BM025296.D

(21) Benzo(b)fluoranthene

22.767min (-0.002) 0.69ng/ul m *JU03/06/20*

response 53430

Ion	Exp%	Act%
252.00	100	100
253.00	24.90	24.27
125.00	14.30	8.48
0.00	0.00	0.00

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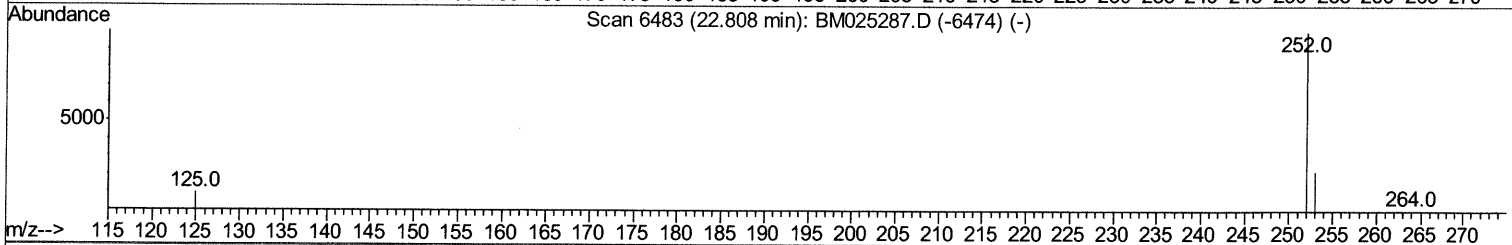
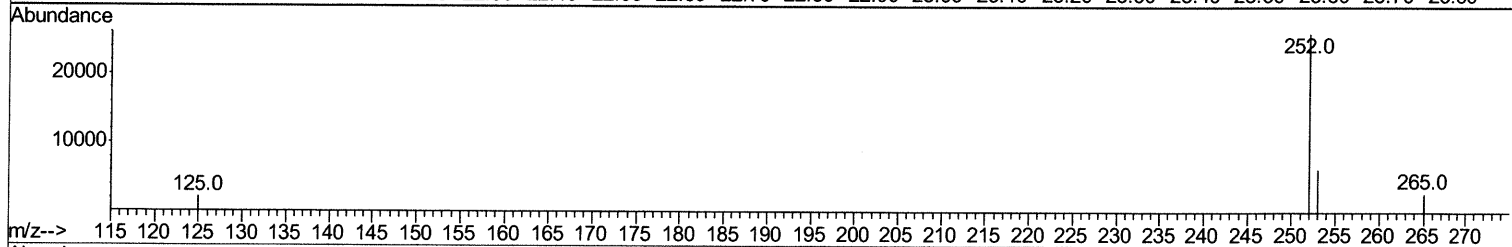
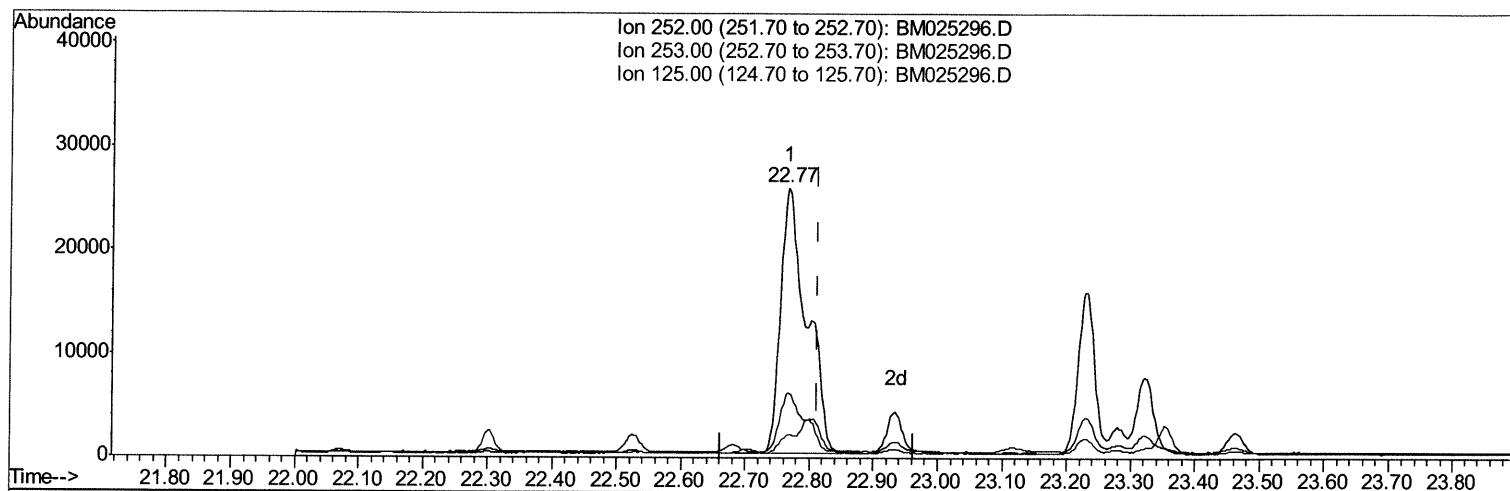
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TIC: BM025296.D

(22) Benzo(k)fluoranthene

22.767min (-0.046) 0.90ng/ul

response 72679

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	24.27
125.00	13.40	8.48#
0.00	0.00	0.00

Quantitation Report (Qedit)

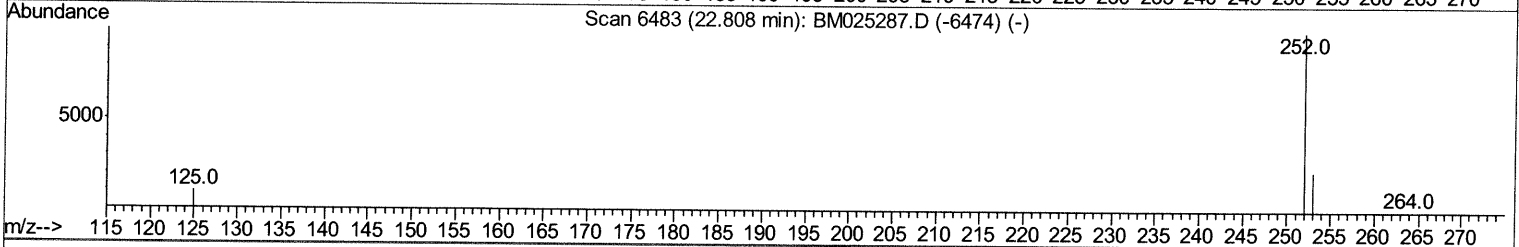
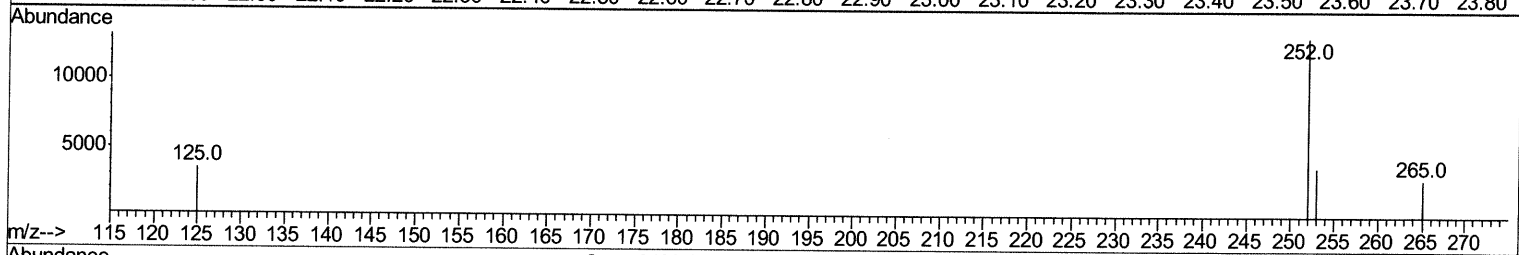
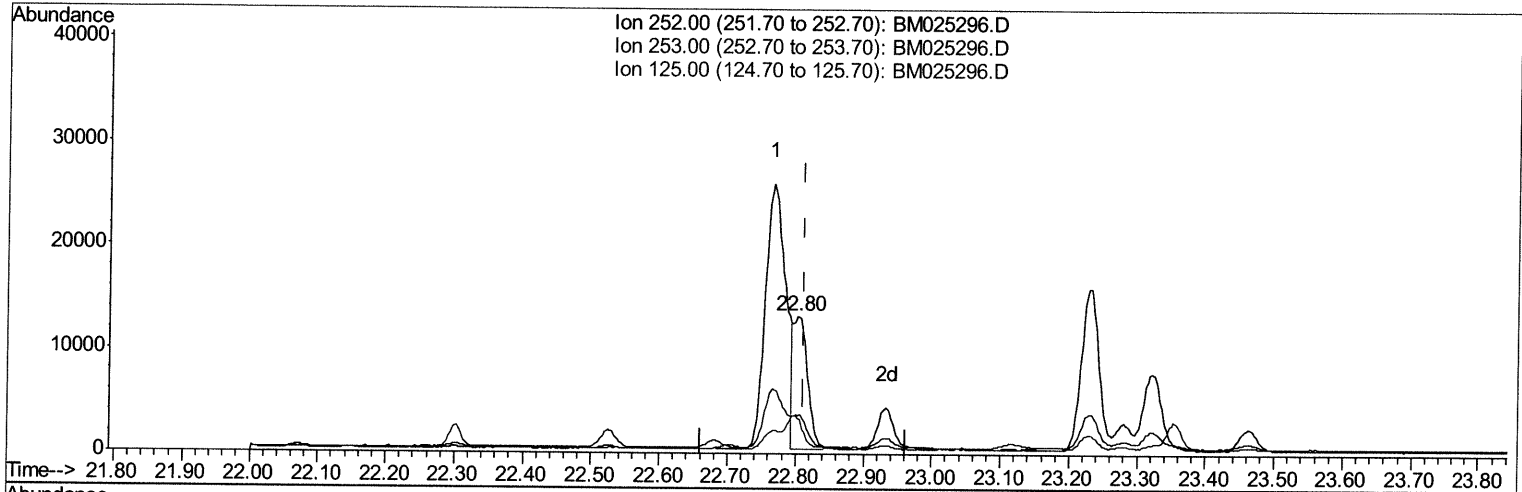
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(22) Benzo(k)fluoranthene

22.803min (-0.009) 0.24ng/ul m *Tu03/06/20*

response 19006

Ion	Exp%	Act%
252.00	100	100
253.00	24.20	27.84
125.00	13.40	26.06#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14364	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10708	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	24940m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	21821	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	19224	0.40	ng/ul	0.00

Jul 03/06/20

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.04	152	6451	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	19974	0.25	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.49	128	1566	0.036	ng/ul#	93
5) 2-Methylnaphthalene	12.11	142	903	0.029	ng/ul	96
7) Acenaphthylene	14.02	152	2800	0.056	ng/ul	99
8) Acenaphthene	14.36	153	921	0.024	ng/ul	95
9) Fluorene	15.35	166	1287	0.026	ng/ul	99
12) Phenanthrene	17.08	178	10708	0.133	ng/ul	95
13) Anthracene	17.17	178	35446	0.497	ng/ul	96
15) Fluoranthene	19.10	202	34200	0.340	ng/ul	95
17) Pyrene	19.46	202	41345m	0.500	ng/ul	98
18) Benzo(a)anthracene	21.21	228	15726	0.196	ng/ul	98
19) Chrysene	21.26	228	26512m	0.301	ng/ul	93
21) Benzo(b)fluoranthene	22.77	252	53430m	0.695	ng/ul	100
22) Benzo(k)fluoranthene	22.80	252	19006m	0.236	ng/ul	84
23) Benzo(a)pyrene	23.32	252	13891	0.215	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.59	276	18383	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	4640	0.070	ng/ul#	84
26) Benzo(a,h,i)perylene	26.25	276	11688	0.171	ng/ul#	93

Jul 03/06/20

Jul 03/06/20

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

Quantitation Report (QT Reviewed)

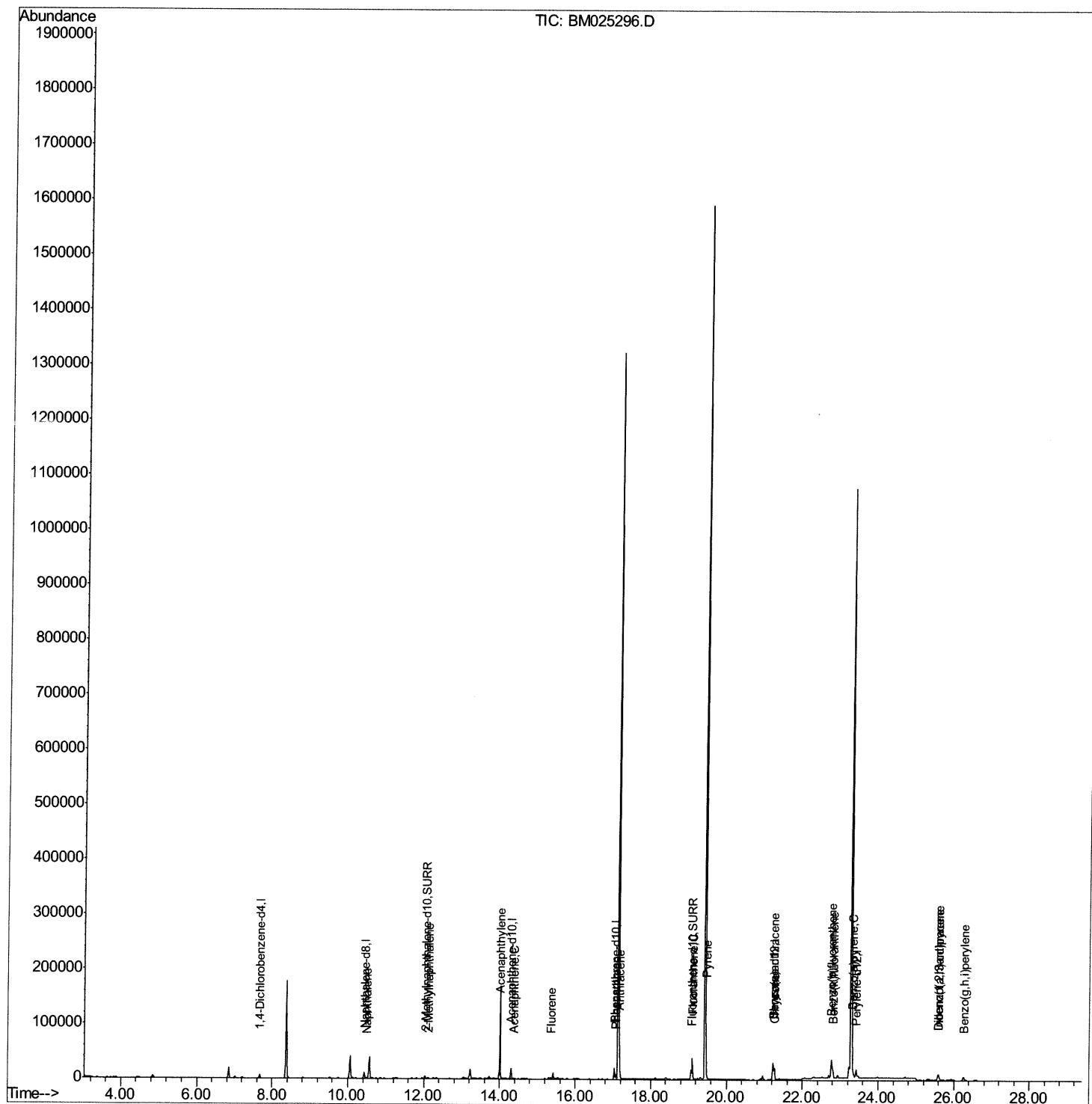
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
 Data File : BM025296.D
 Acq On : 05 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1543-17
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD99

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:07 PM

Quant Time: Mar 06 11:26:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration



Quantitation Report (Qedit)

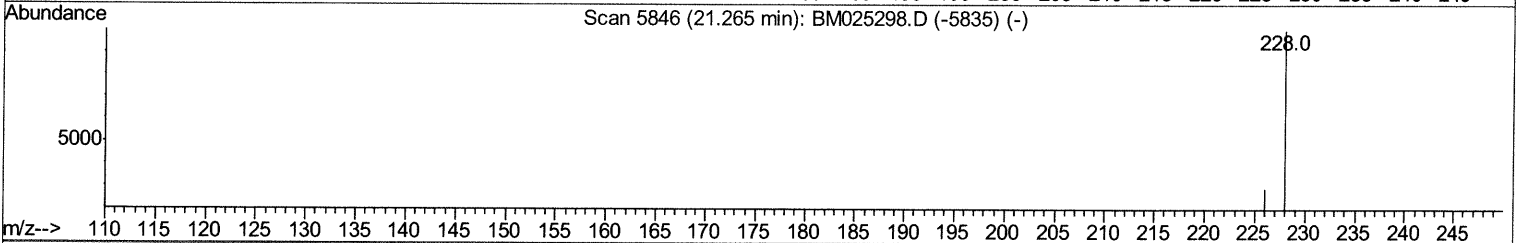
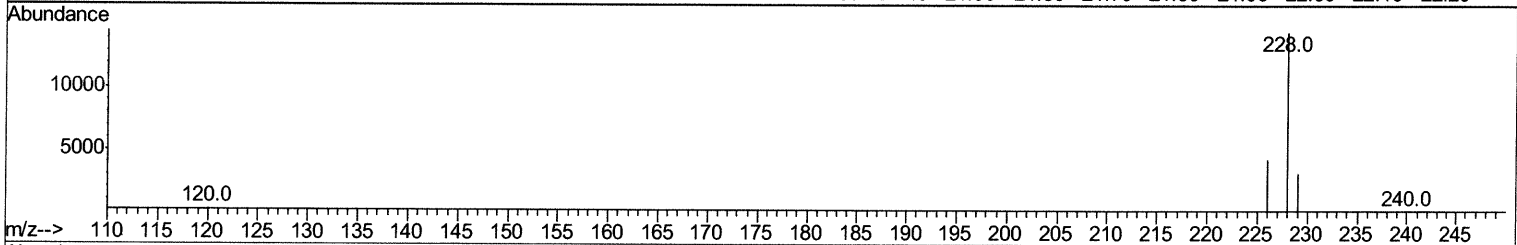
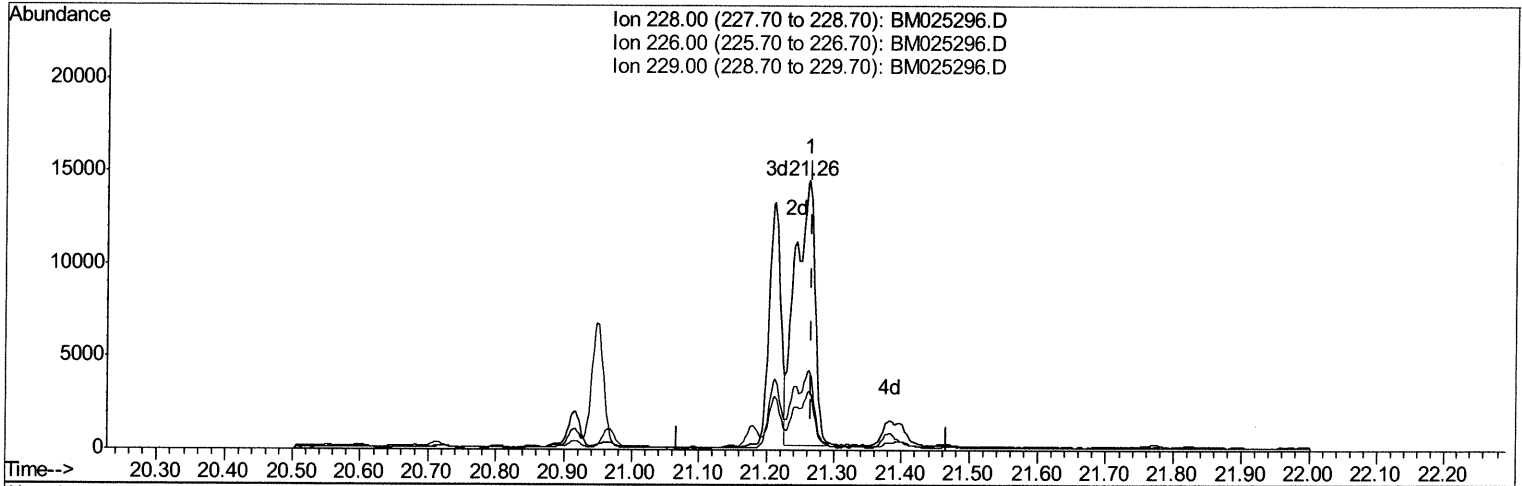
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
 Data File : BM025296.D
 Acq On : 05 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1543-17
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD99

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:07 PM

Quant Time: Mar 06 03:07:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration



TIC: BM025296.D

(19) Chrysene

21.263min (-0.005) 0.33ng/ul m *Ju 03/06/20*

response 28813

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.44
229.00	21.10	21.73
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM030320\
 Data File : BM025296.D
 Acq On : 05 Mar 2020 20:09
 Operator : CG/JU
 Sample : L1543-17
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD99

Manual Integrations
 APPROVED

mohammad
 3/6/2020 10:15:07 PM

Quant Time: Mar 06 11:26:18 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 04 08:02:03 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	3302	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	14364	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10708	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	24940m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	21821	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	19224	0.40	ng/ul	0.00

Ju 03/06/20

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.04	152	6451	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	19974	0.25	ng/ul	0.00

Target Compounds

						Ovalue
3) Naphthalene	10.49	128	1566	0.036	ng/ul#	93
5) 2-Methylnaphthalene	12.11	142	903	0.029	ng/ul	96
7) Acenaphthylene	14.02	152	2800	0.056	ng/ul	99
8) Acenaphthene	14.36	153	921	0.024	ng/ul	95
9) Fluorene	15.35	166	1287	0.026	ng/ul	99
12) Phenanthrene	17.08	178	10708	0.133	ng/ul	95
13) Anthracene	17.17	178	35446	0.497	ng/ul	96
15) Fluoranthene	19.10	202	34200	0.340	ng/ul	95
17) Pyrene	19.46	202	41345m	0.500	ng/ul	98
18) Benzo(a)anthracene	21.21	228	15726	0.196	ng/ul	98
19) Chrysene	21.26	228	28813m	0.327	ng/ul	93
21) Benzo(b)fluoranthene	22.77	252	53430m	0.695	ng/ul	100
22) Benzo(k)fluoranthene	22.80	252	19006m	0.236	ng/ul	84
23) Benzo(a)pyrene	23.32	252	13891	0.215	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.59	276	18383	0.228	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.60	278	4640	0.070	ng/ul#	84
26) Benzo(a,h,i)perylene	26.25	276	11688	0.171	ng/ul#	93

Ju 03/06/20

Ju 03/06/20

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