

Quantitation Report (QT Reviewed)

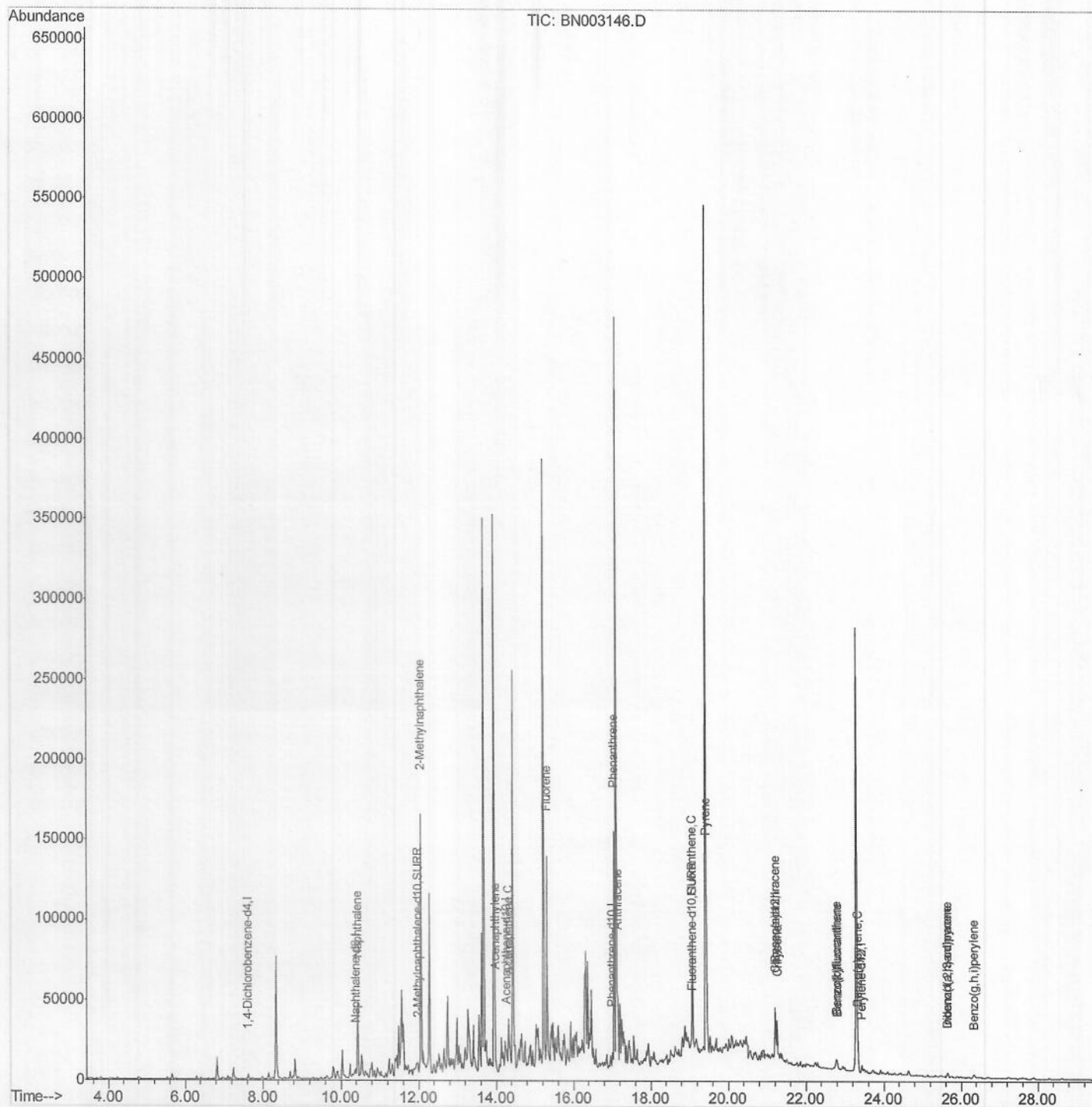
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:11:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

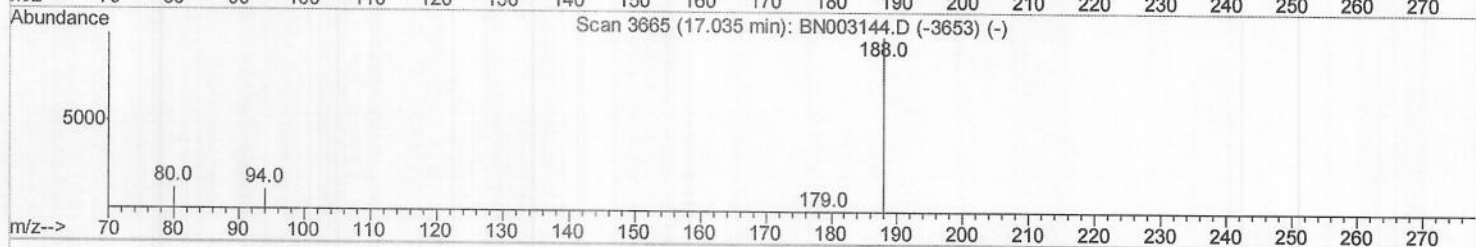
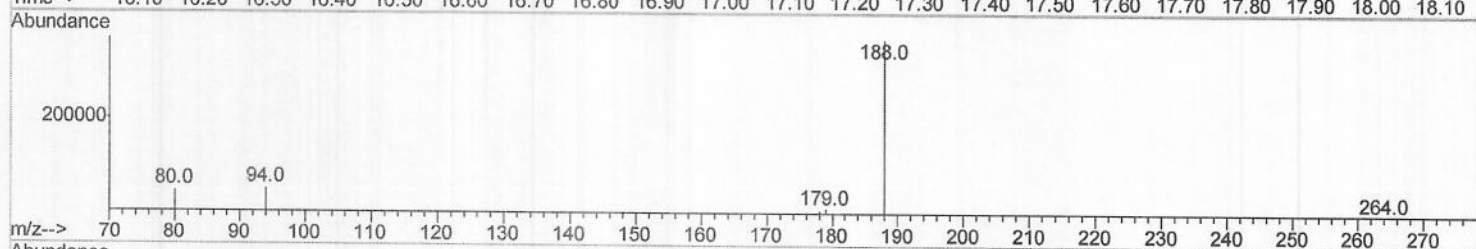
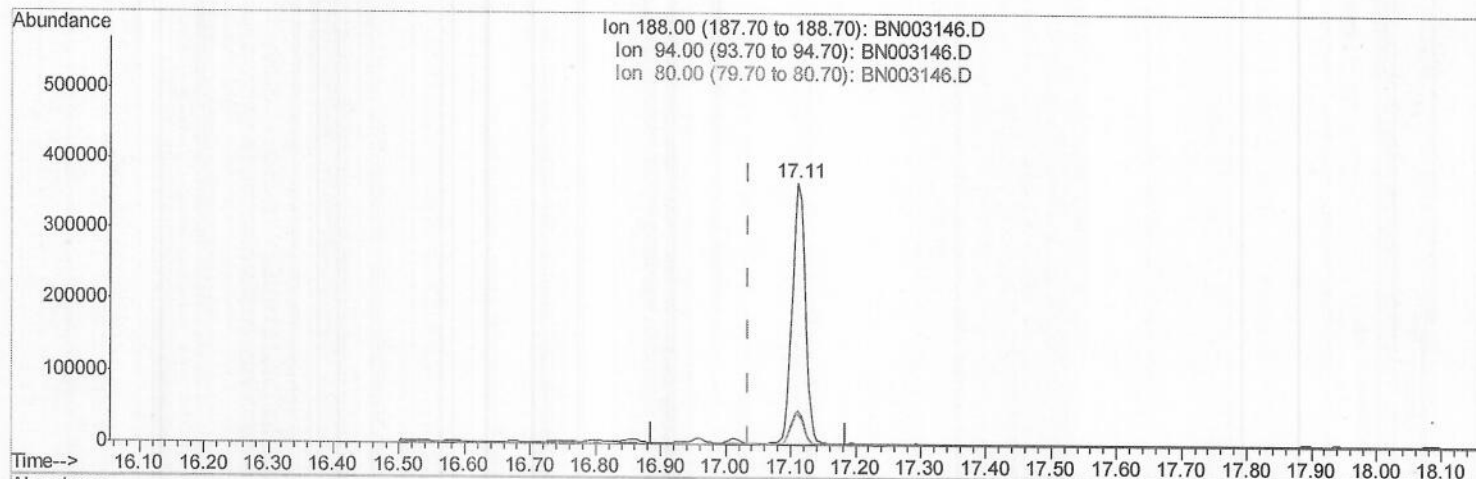
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Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 04:57:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
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TIC: BN003146.D

(10) Phenanthrene-d10 (I)
 17.111min (+0.076) 0.40ng/ul
 response 511878

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	13.26
80.00	12.70	12.02
0.00	0.00	0.00

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Acq On : 12 Oct 2018 19:15

Operator : MJ/SJ

Sample : J5234-16

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 04:57:27 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M

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QLast Update : Sat Oct 13 04:51:37 2018

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BNA_N

ClientSampleId :

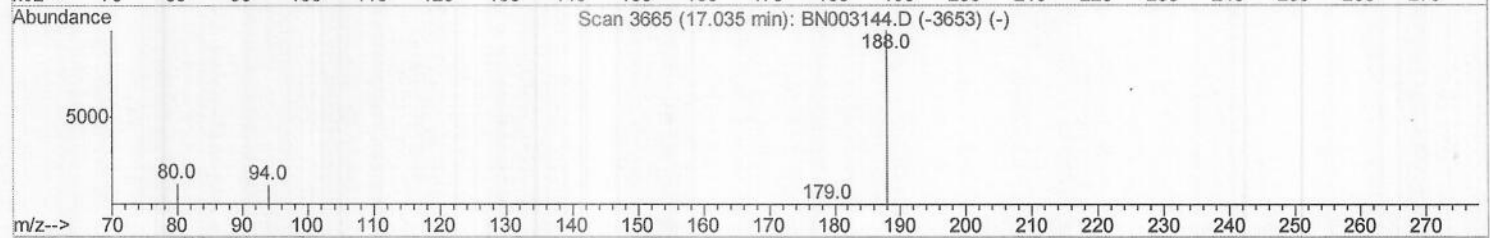
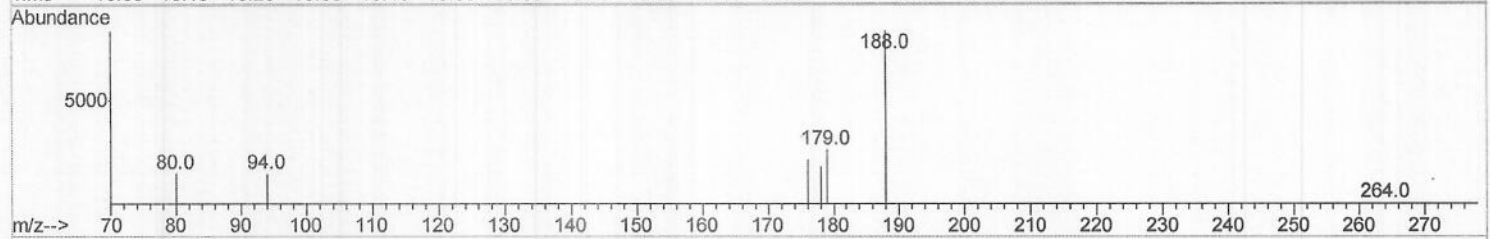
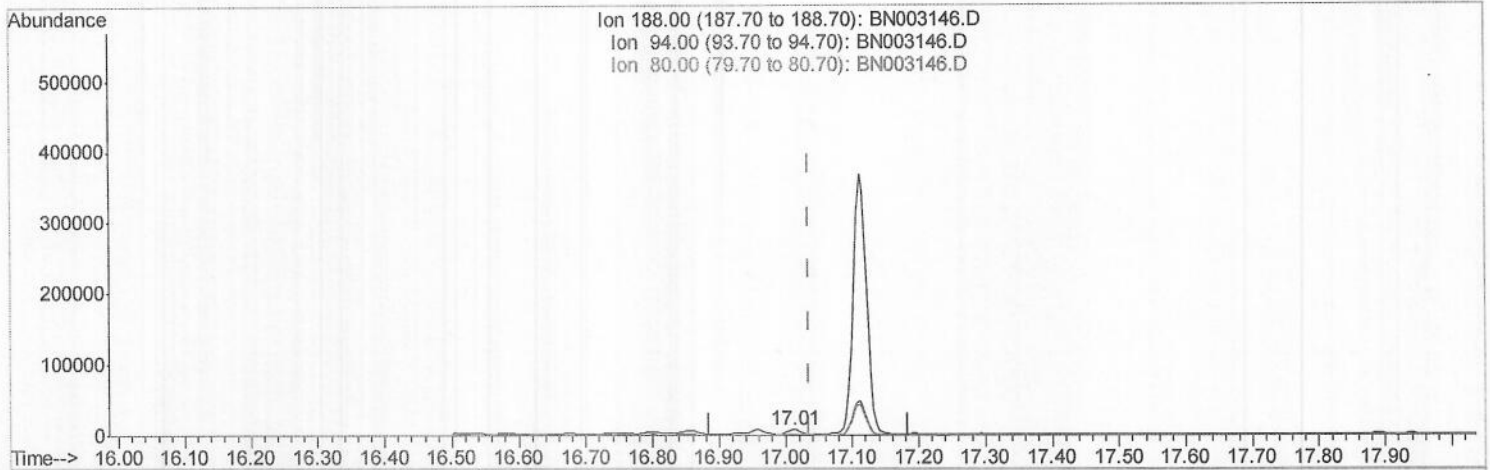
C0AJ9

Manual Integrations

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Sohil

10/15/2018 4:14:44 PM



TIC: BN003146.D

(10) Phenanthrene-d10 (I)

17.010min (-0.025) 0.40ng/ul m) SJ 10/24/18

response 9097

Ion	Exp%	Act%
188.00	100	100
94.00	11.80	17.87#
80.00	12.70	18.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

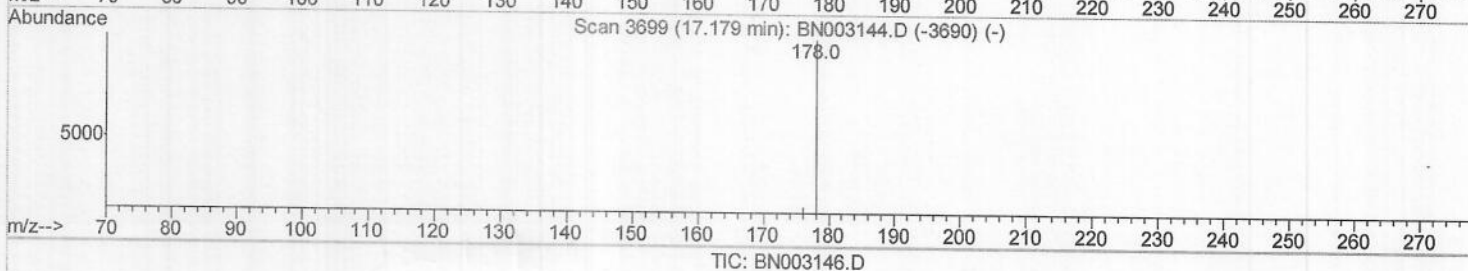
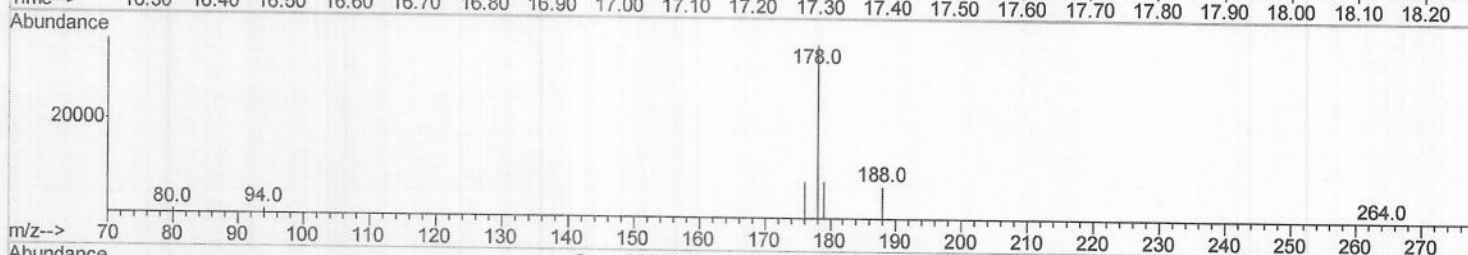
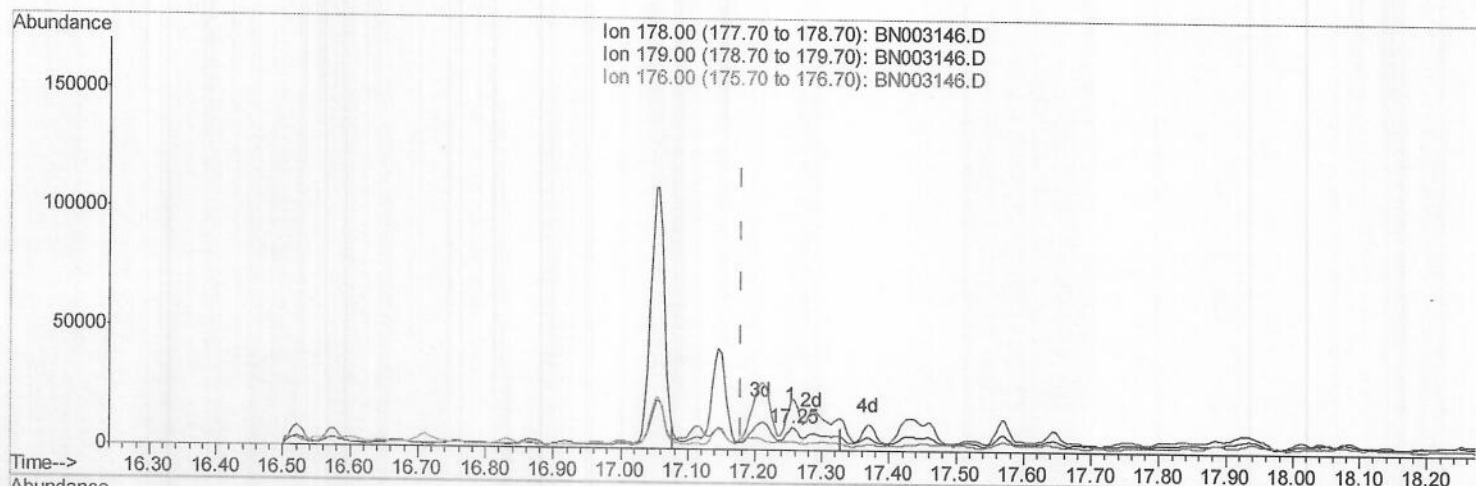
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(13) Anthracene

17.255min (+0.076) 0.34ng/ul

response 8112

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	230.22#
176.00	19.10	39.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

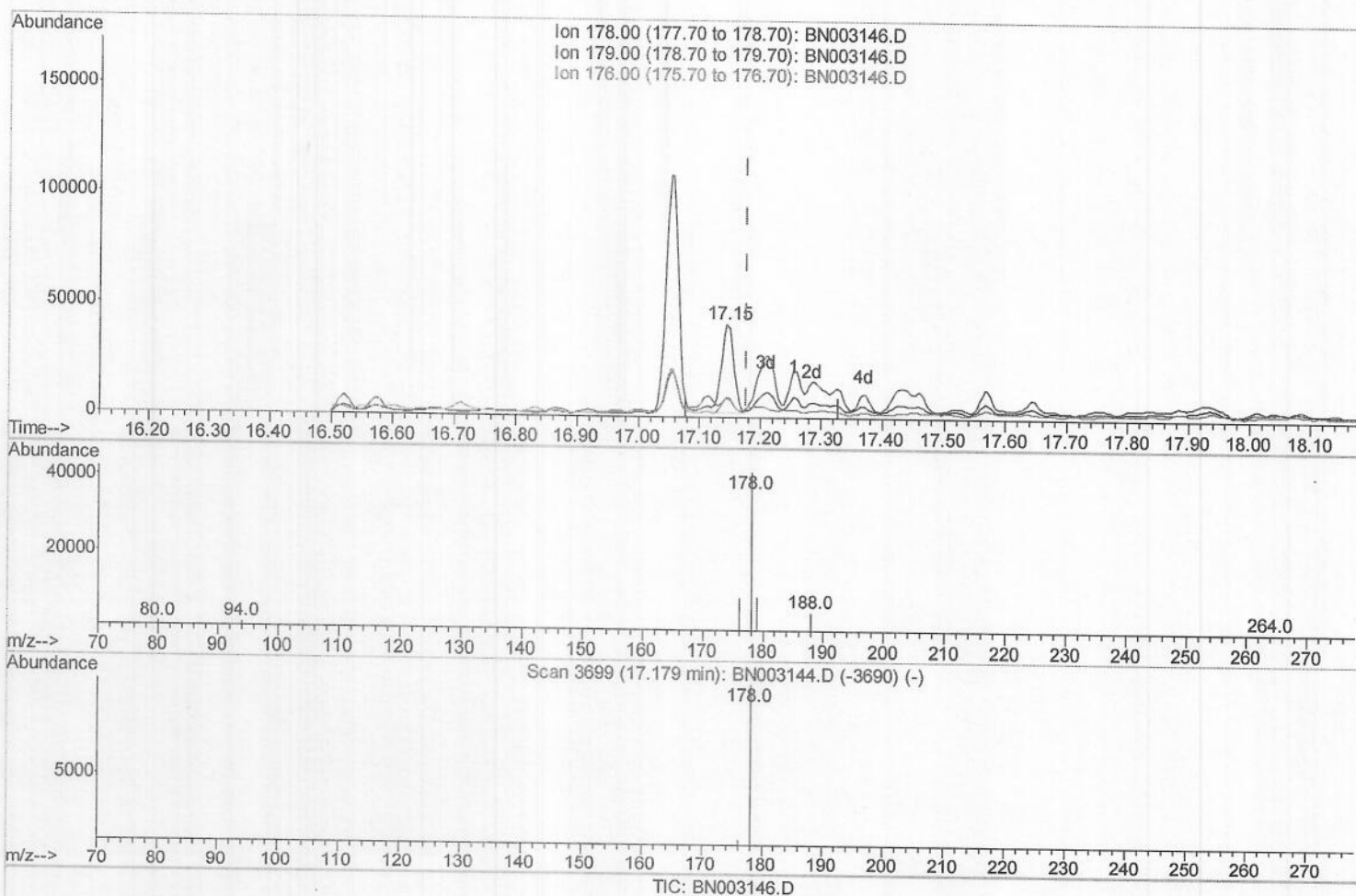
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(13) Anthracene

17.145min (-0.034) 2.39ng/ul m) SJ10/24/18

response 57356

Ion	Exp%	Act%
178.00	100	100
179.00	16.30	21.17#
176.00	19.10	20.55
0.00	0.00	0.00

Quantitation Report (Qedit)

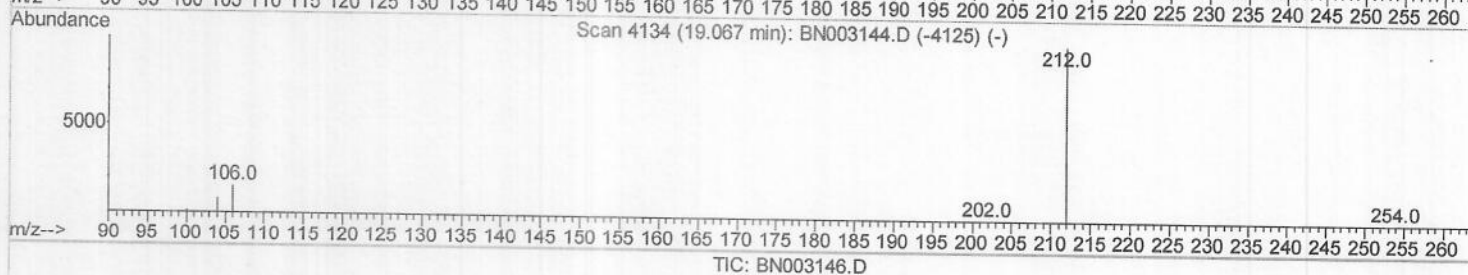
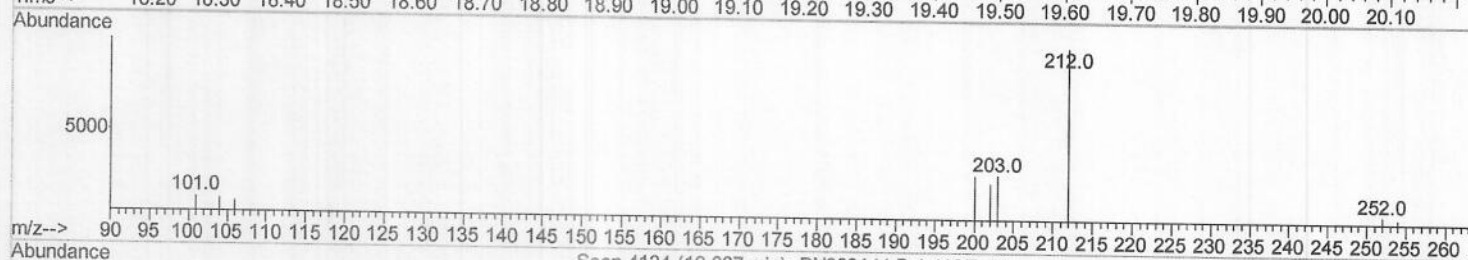
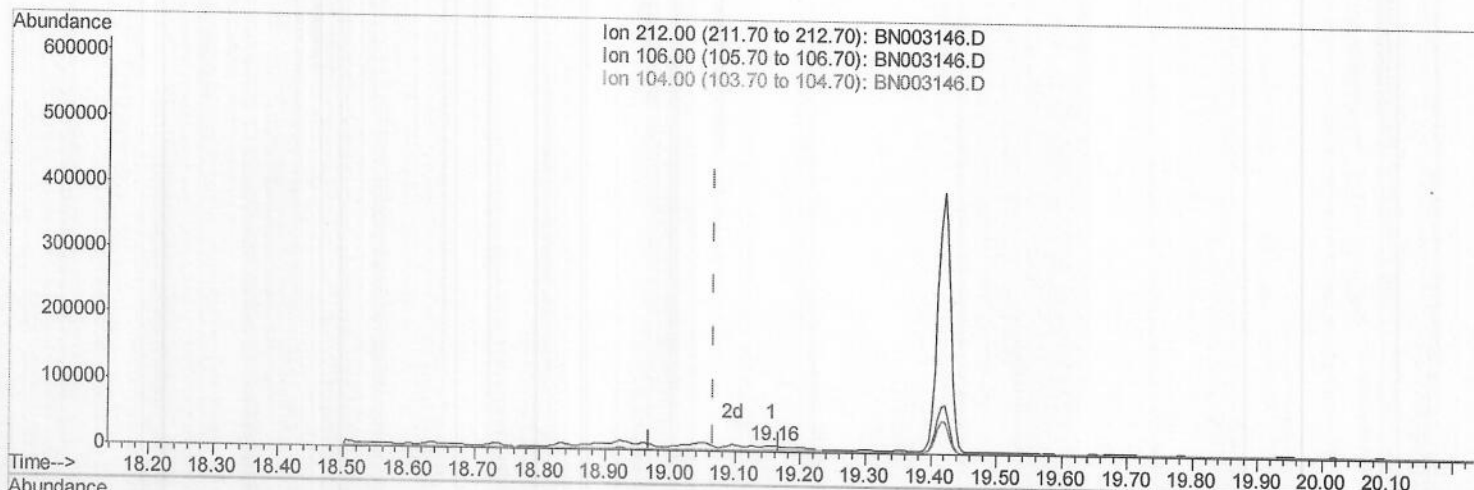
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(14) Fluoranthene-d10 (SURR)

19.155min (+0.088) 0.62ng/ul

response 16006

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	1.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

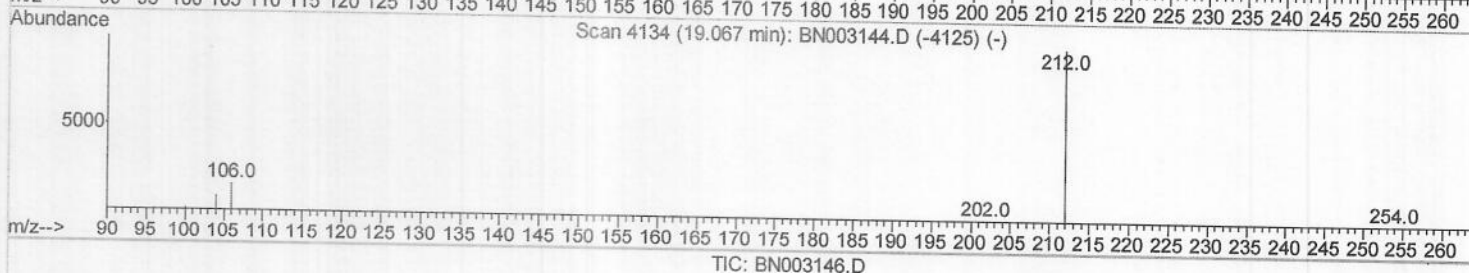
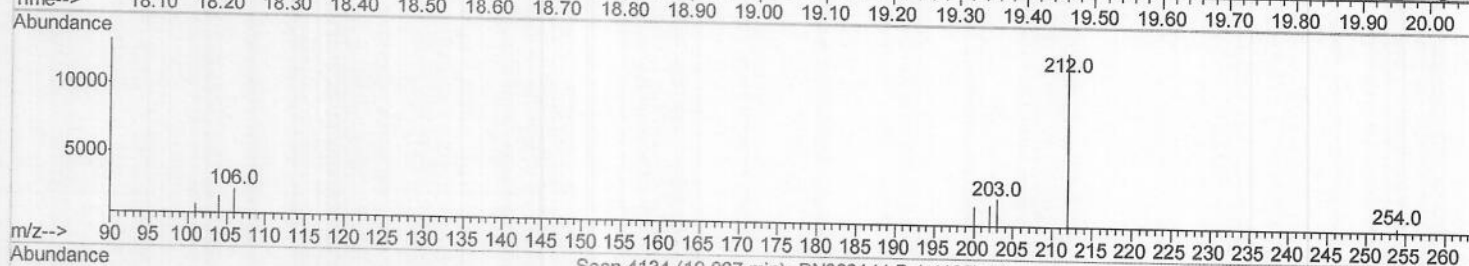
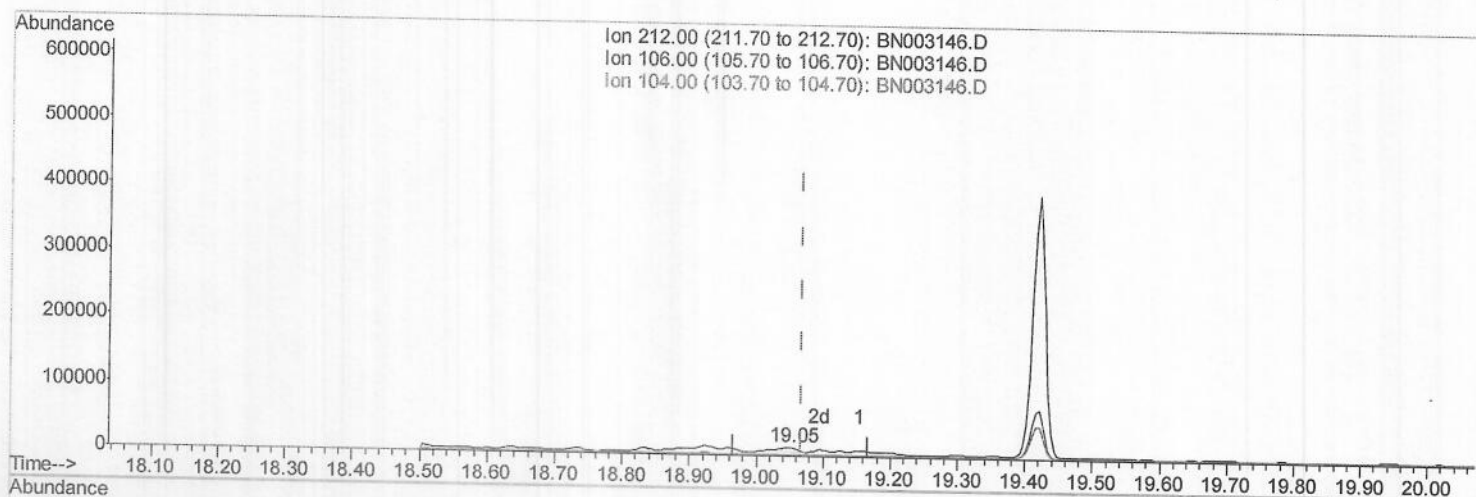
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 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

19.053min (-0.014) 0.33ng/ul m) SJ 10/24/18

response 8638

Ion	Exp%	Act%
212.00	100	100
106.00	15.40	0.00#
104.00	8.60	2.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

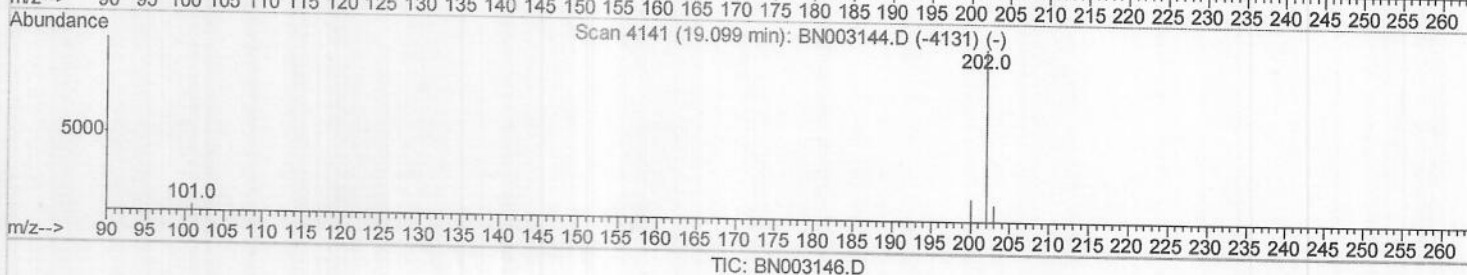
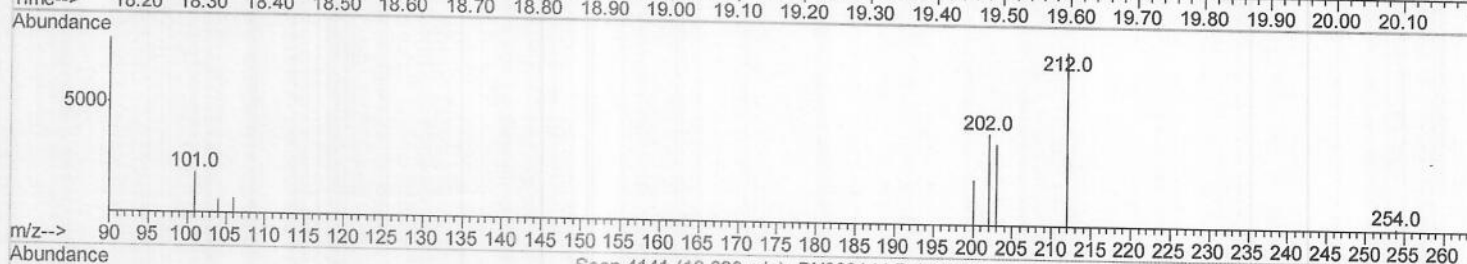
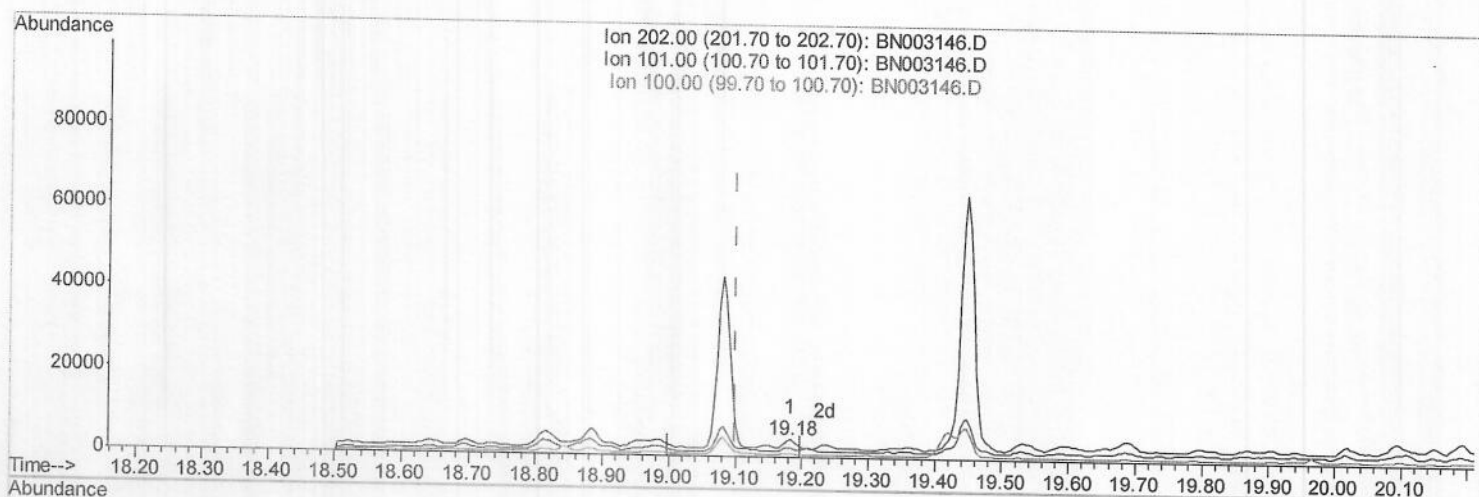
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(15) Fluoranthene (C)

19.183min (+0.084) 0.10ng/ui

response 2959

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	55.29#
100.00	9.10	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

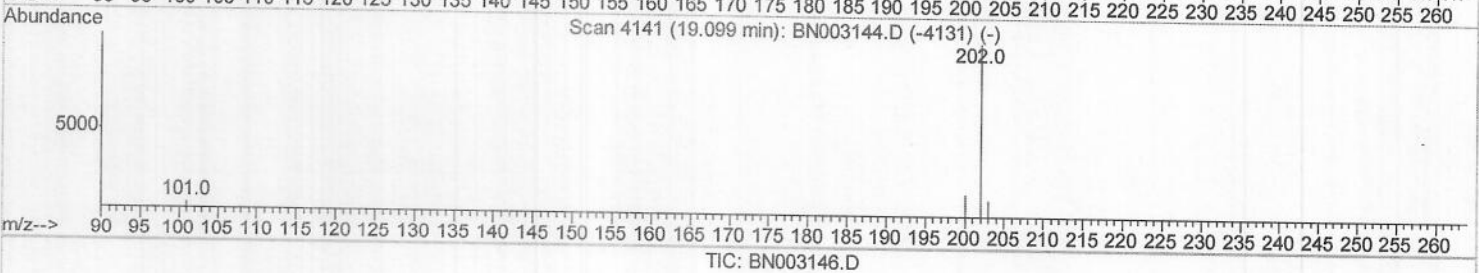
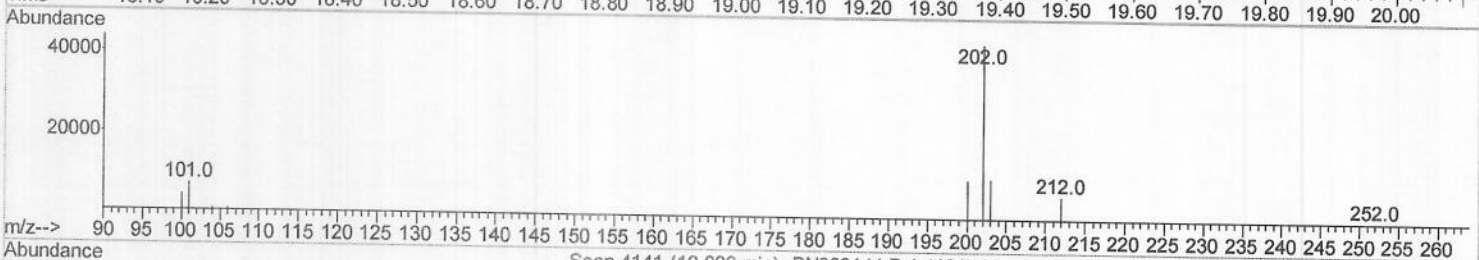
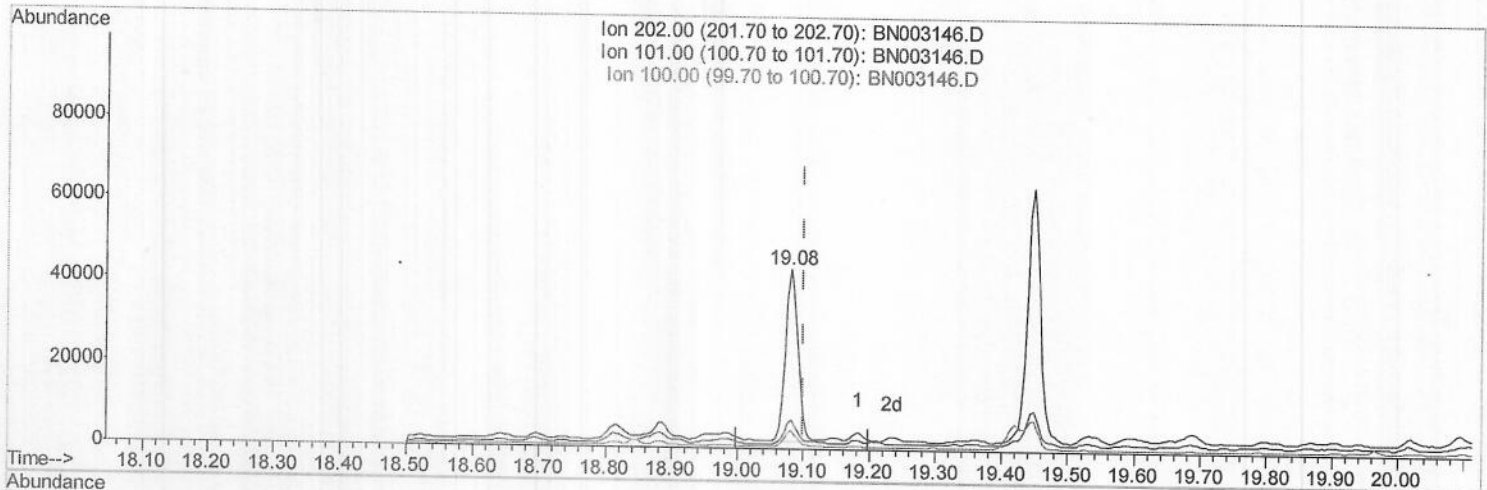
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 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(15) Fluoranthene (C)

19.081min (-0.018) 1.87ng/ul m JST 10/24/18

response 55741

Ion	Exp%	Act%
202.00	100	100
101.00	12.30	16.70
100.00	9.10	10.54
0.00	0.00	0.00

Quantitation Report (Qedit)

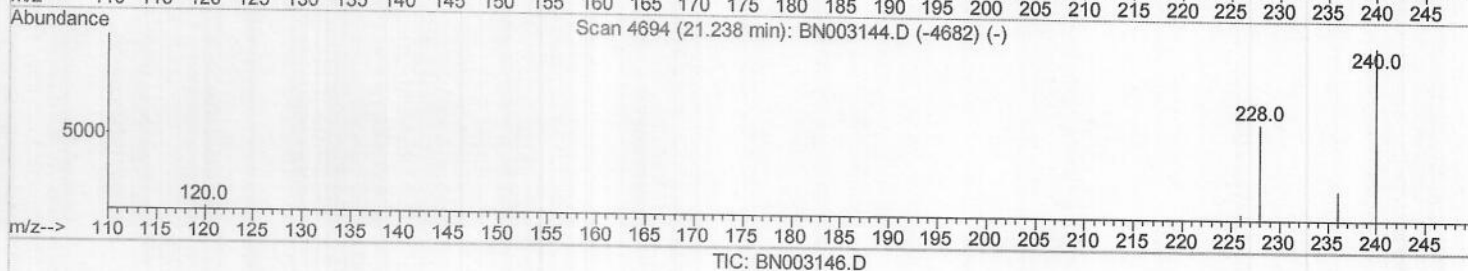
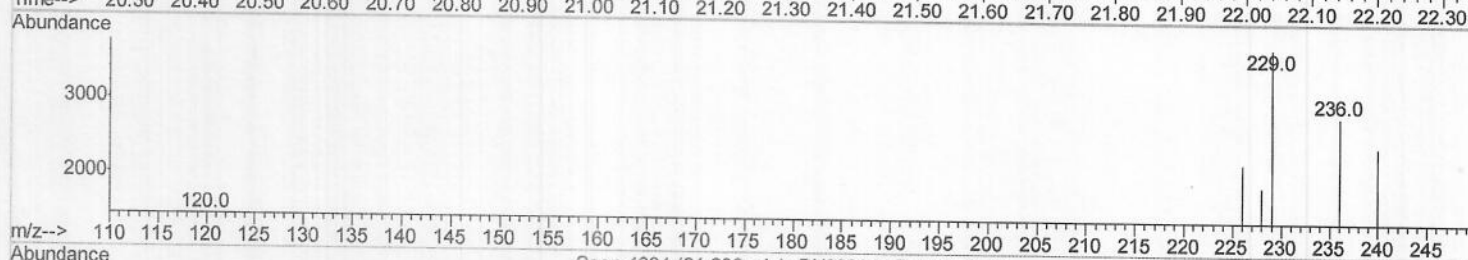
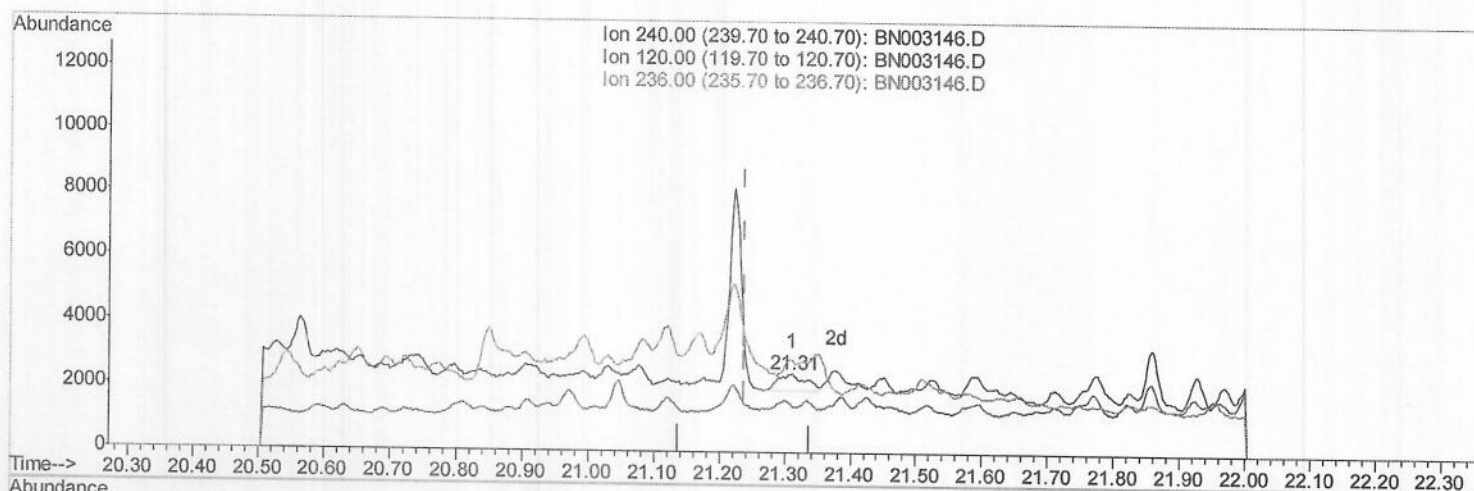
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Manual Integrations
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(16) Chrysene-d12 (I)
 21.311min (+0.073) 0.40ng/ul
 response 1524

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	58.45#
236.00	28.10	116.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

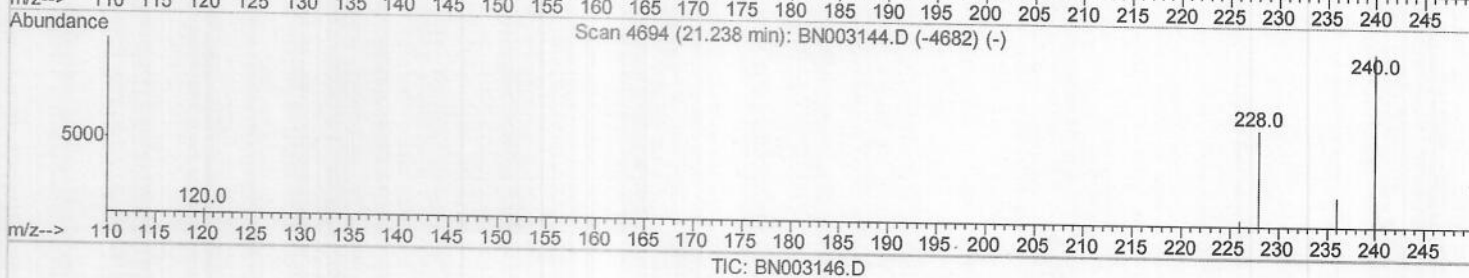
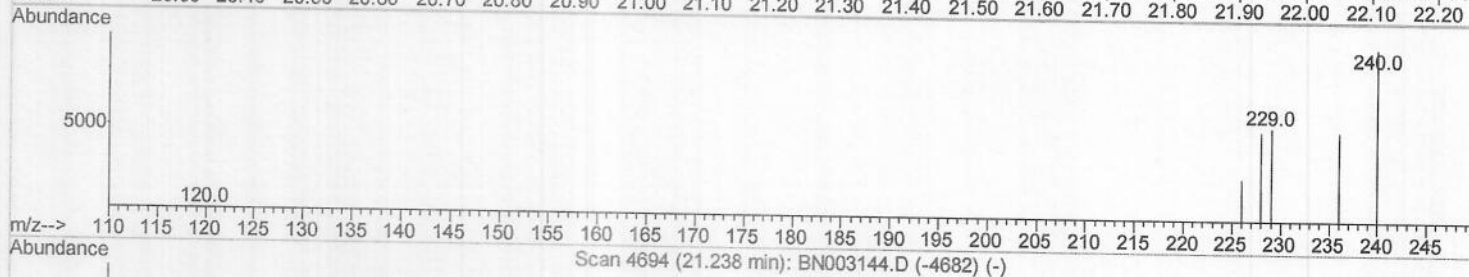
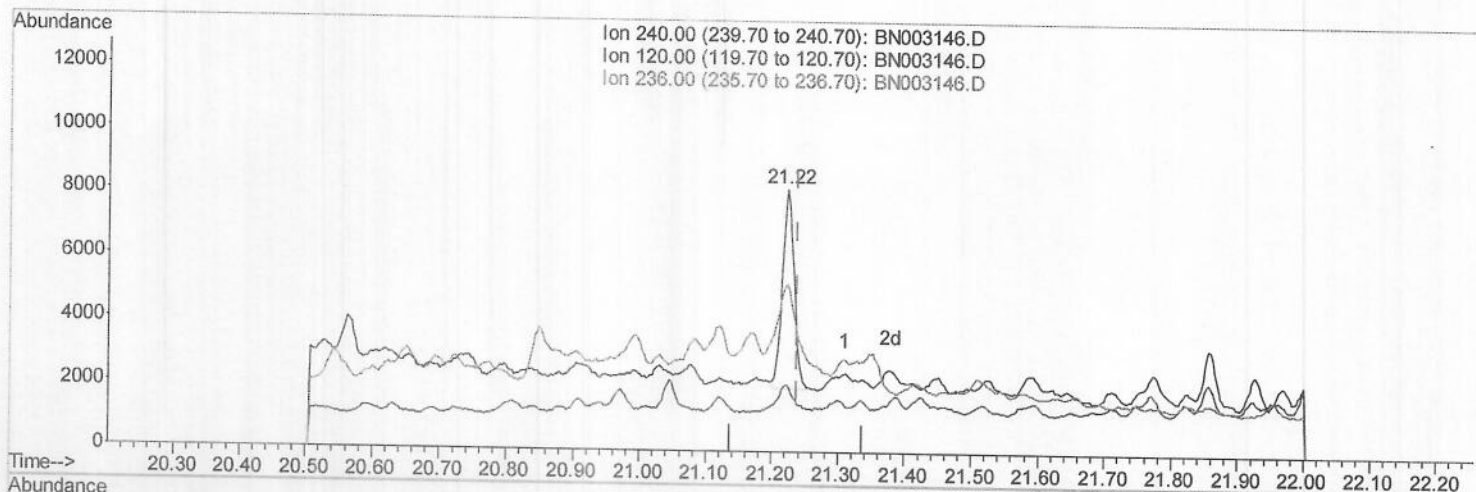
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.223min (-0.015) 0.40ng/ul m > SJ10/24/18

response 7635

Ion	Exp%	Act%
240.00	100	100
120.00	16.40	25.27#
236.00	28.10	63.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

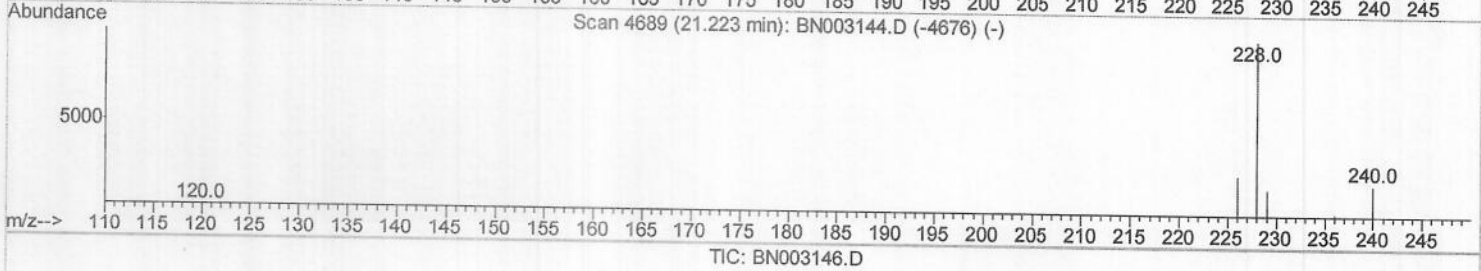
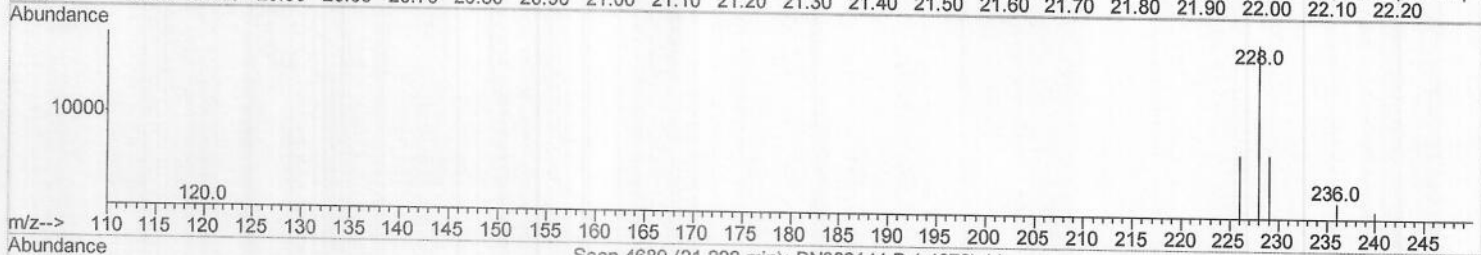
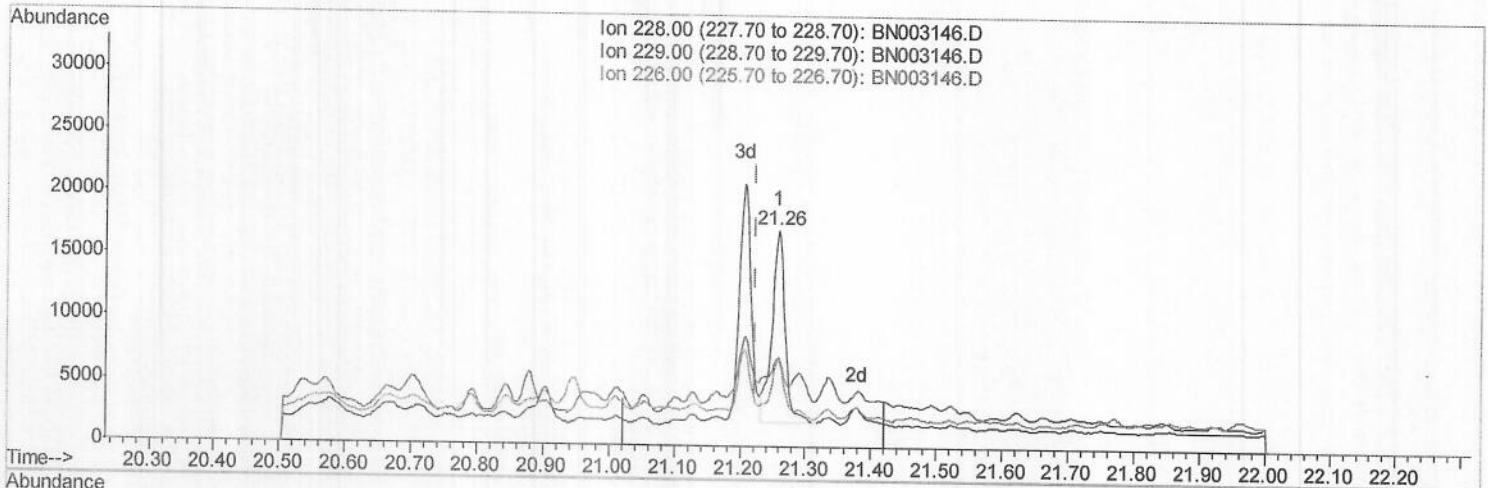
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(18) Benzo(a)anthracene
 21.258min (+0.035) 0.89ng/ul
 response 21809

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	41.45#
226.00	27.90	41.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

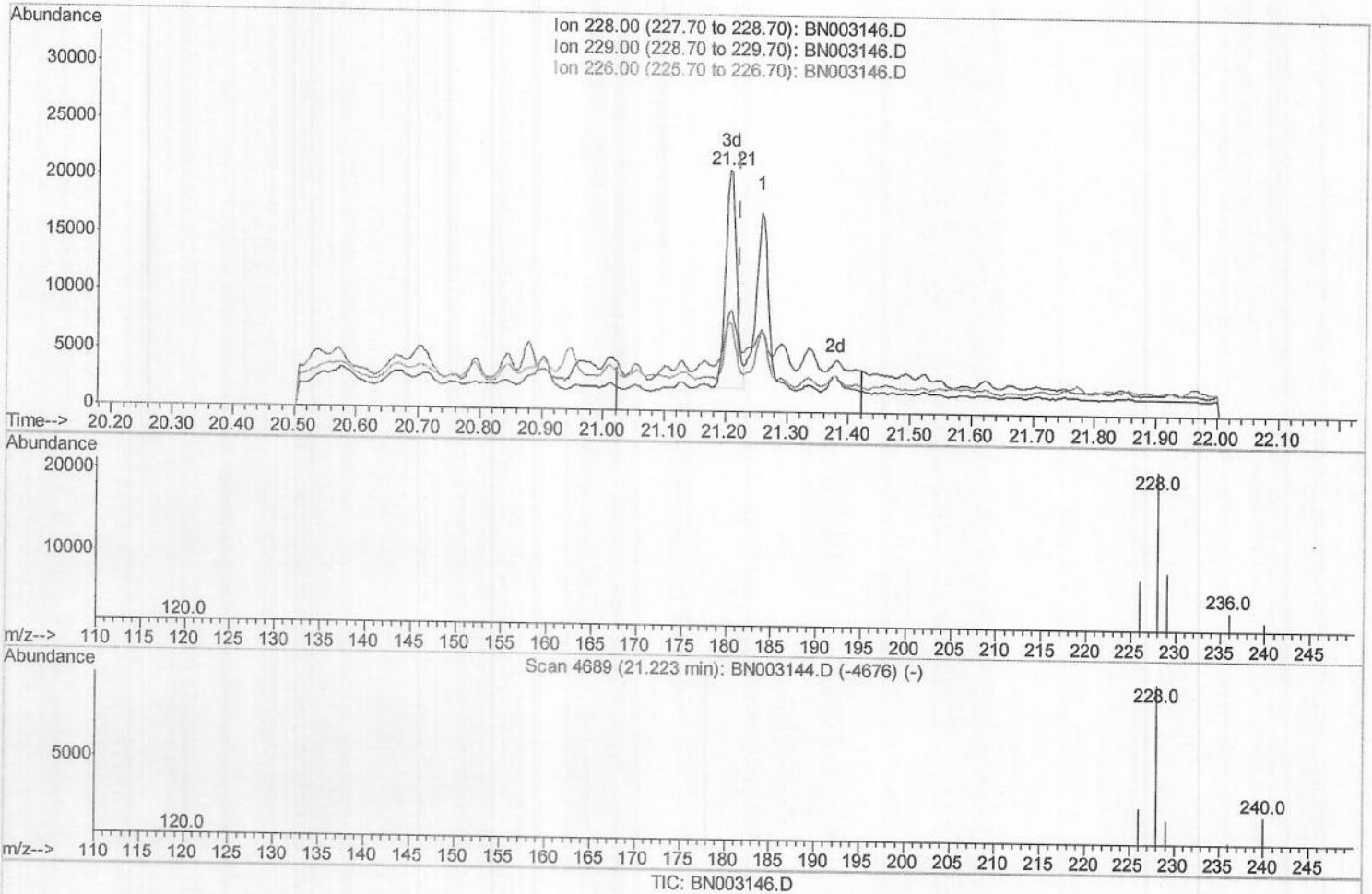
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(18) Benzo(a)anthracene

21.206min (-0.017) 0.96ng/ul m 25510/24/18

response 23553

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	41.22#
226.00	27.90	37.32#
0.00	0.00	0.00

Quantitation Report (Qedit)

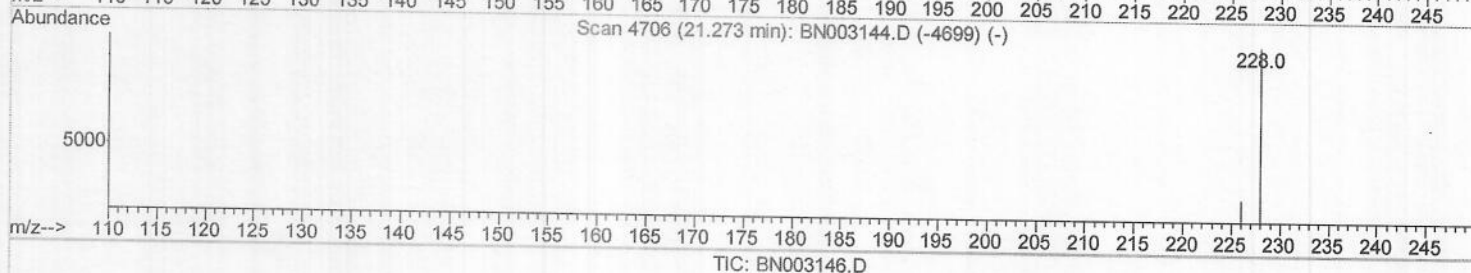
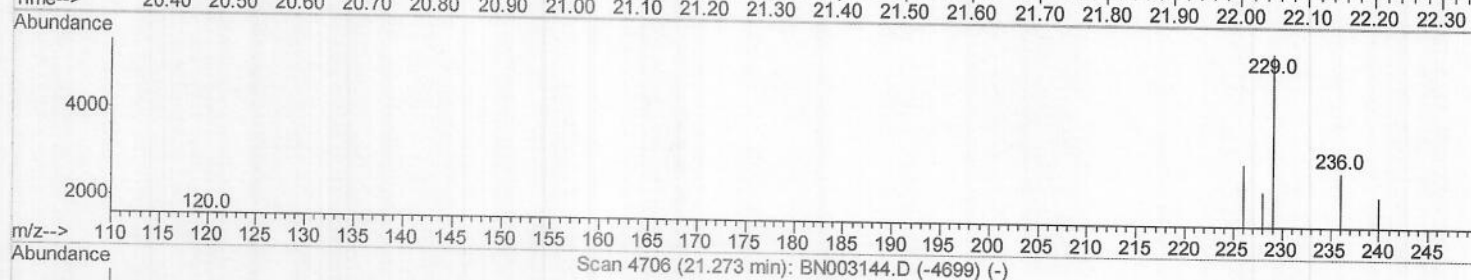
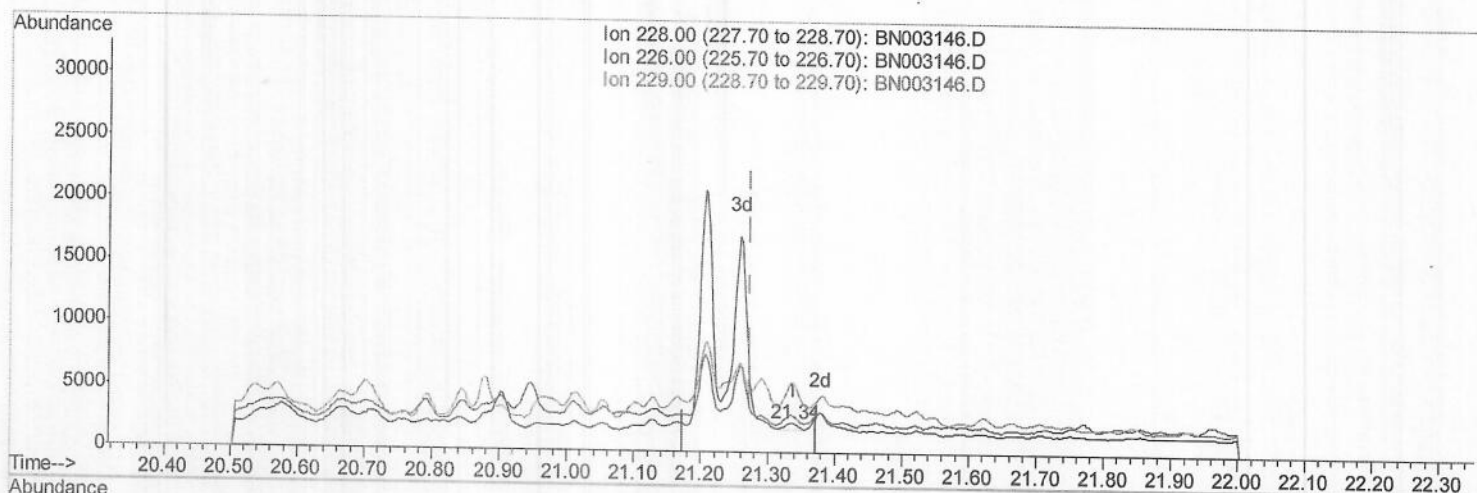
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(19) Chrysene

21.337min (+0.064) 0.03ng/ul

response 691

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	125.40#
229.00	20.90	233.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

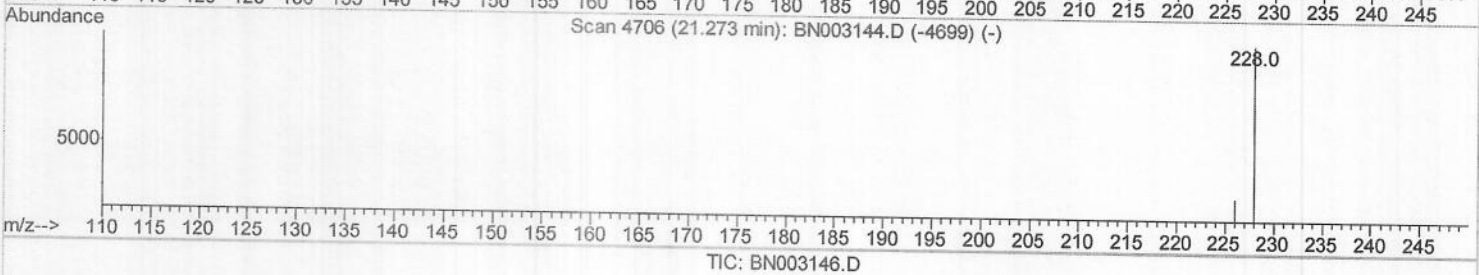
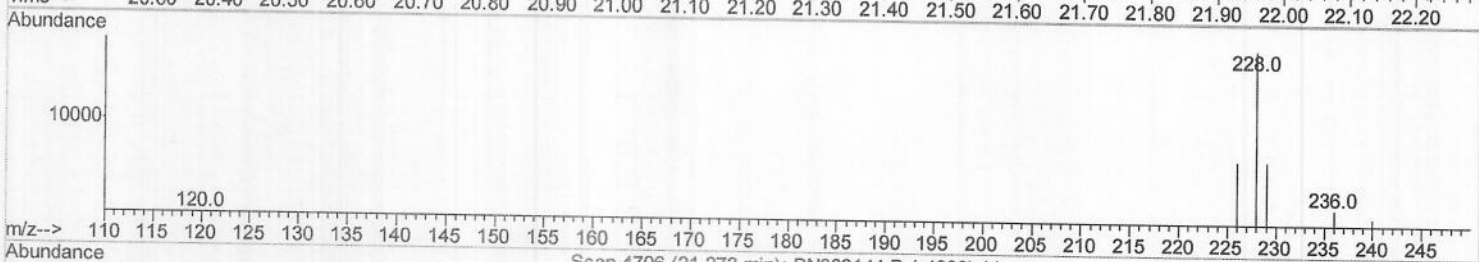
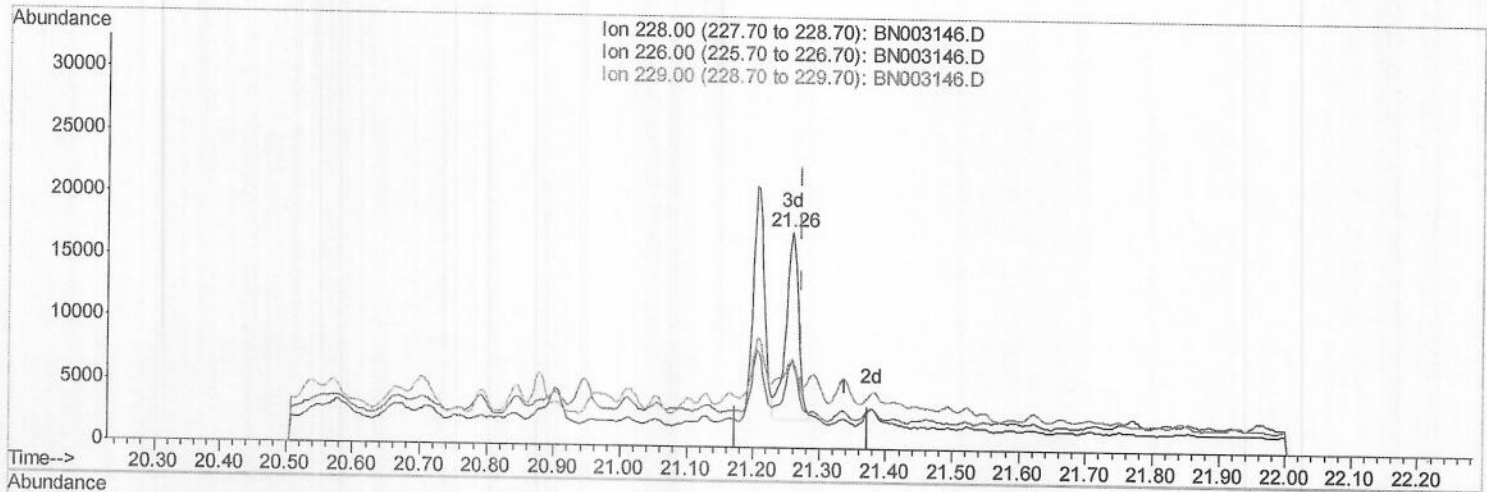
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 Response via : Initial Calibration



(19) Chrysene

21.258min (-0.014) 0.80ng/ul m

) 5510/24/18

response 20060

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	41.00#
229.00	20.90	41.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

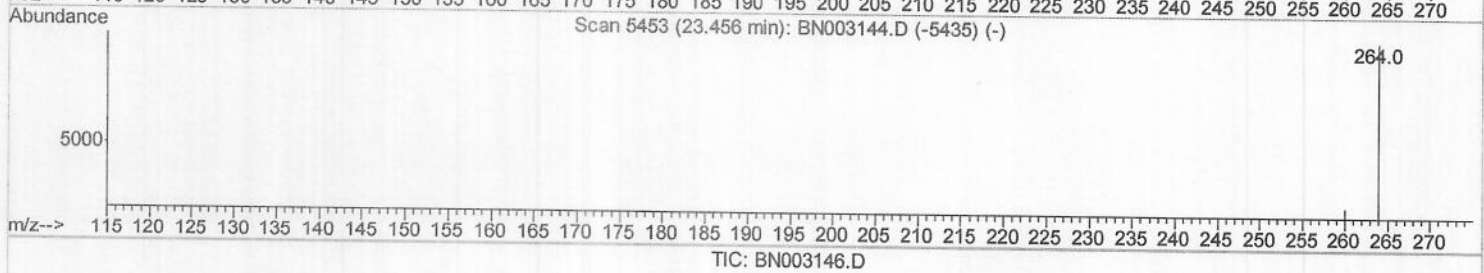
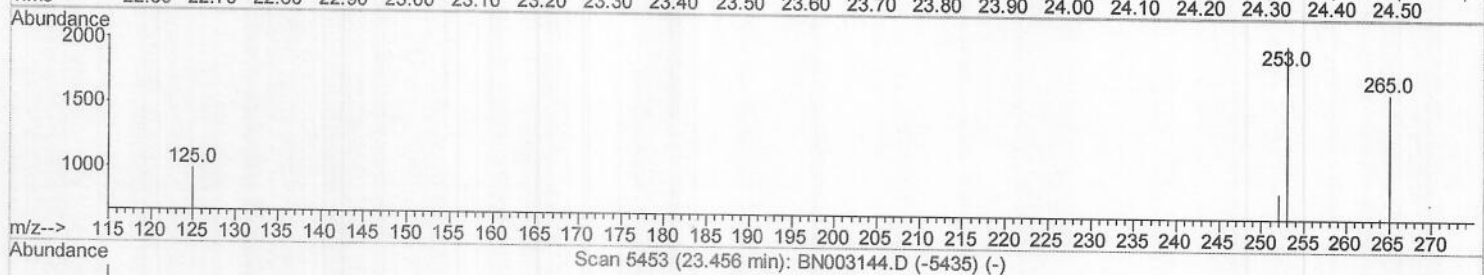
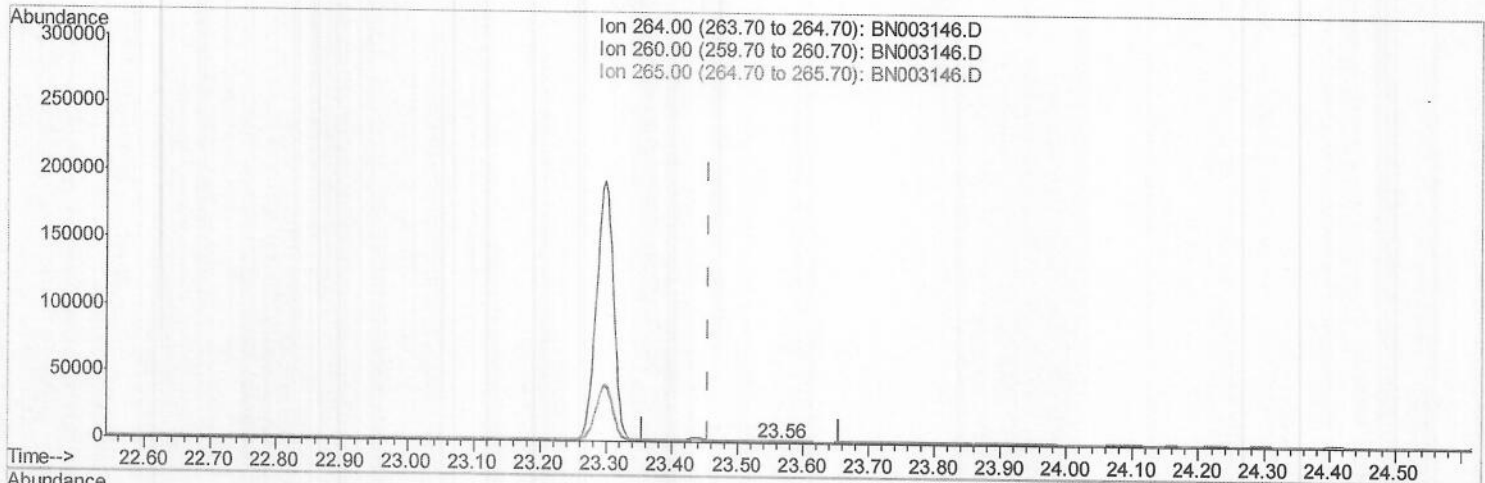
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:08:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.564min (+0.108) 0.40ng/ul

response 291

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	96.78#
265.00	45.40	239.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

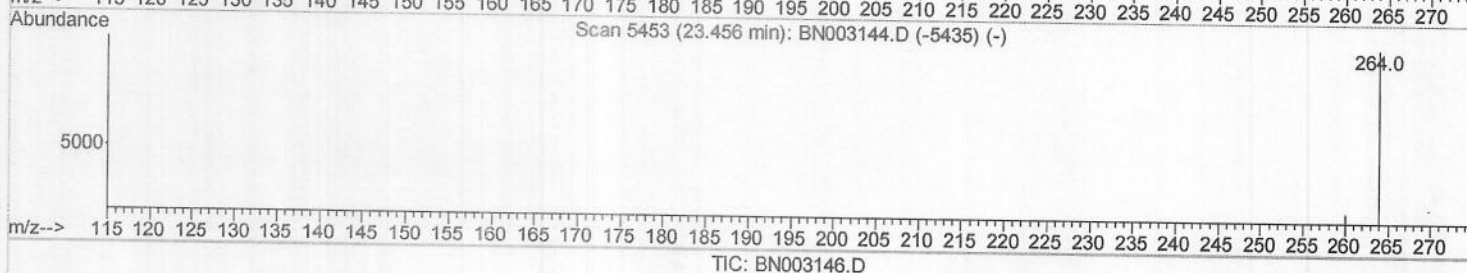
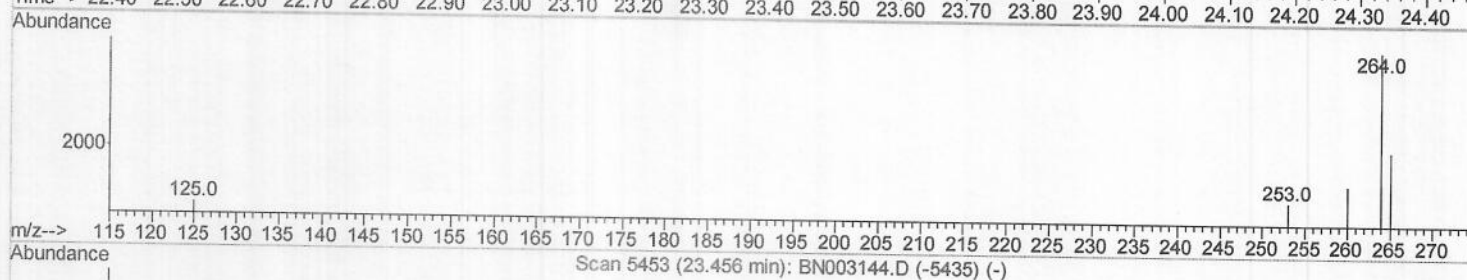
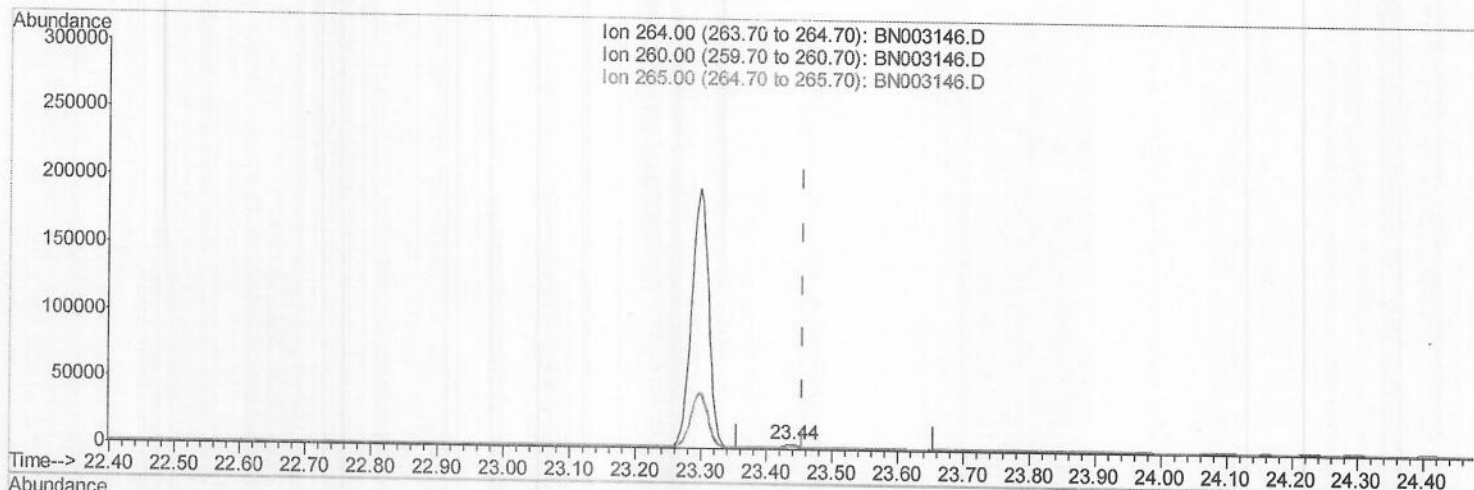
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:08:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.439min (-0.017) 0.40ng/ul m) SJ10/24/18

response 5508

Ion	Exp%	Act%
264.00	100	100
260.00	28.70	38.85#
265.00	45.40	54.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

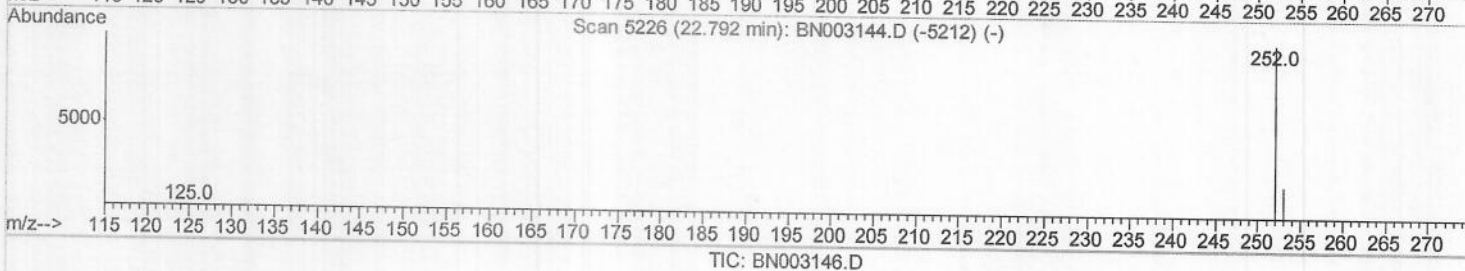
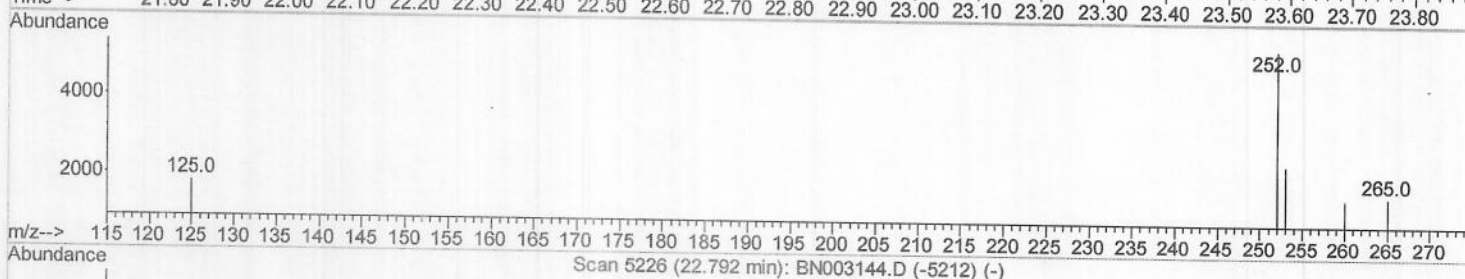
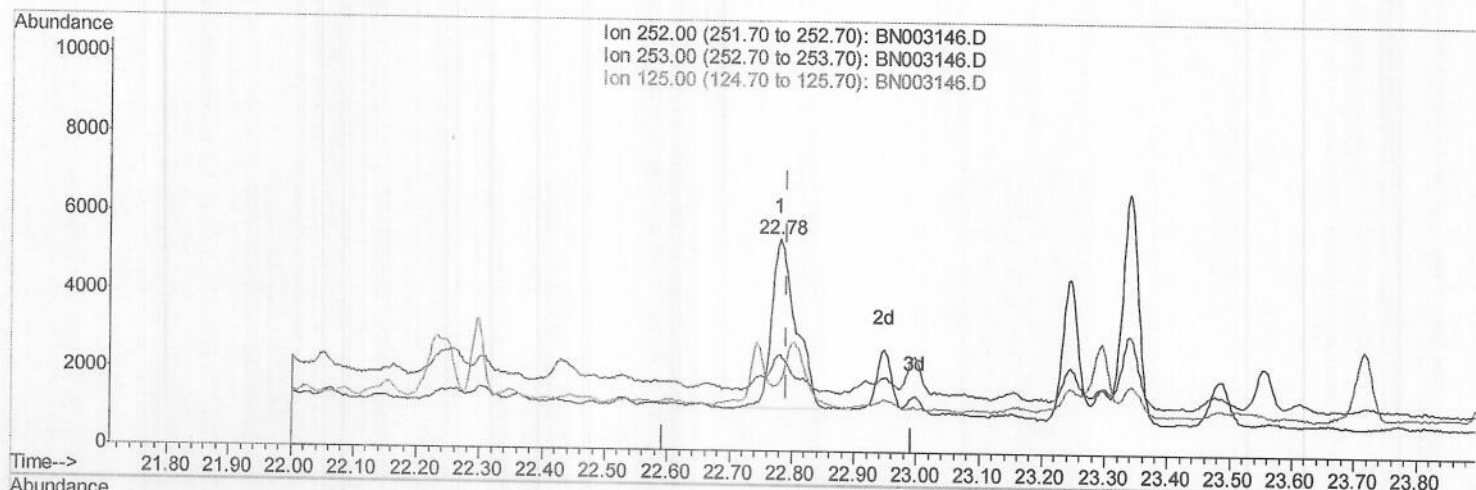
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.781min (-0.012) 0.61ng/ul
 response 12092

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	45.50
125.00	17.10	33.36
0.00	0.00	0.00

Quantitation Report (Qedit)

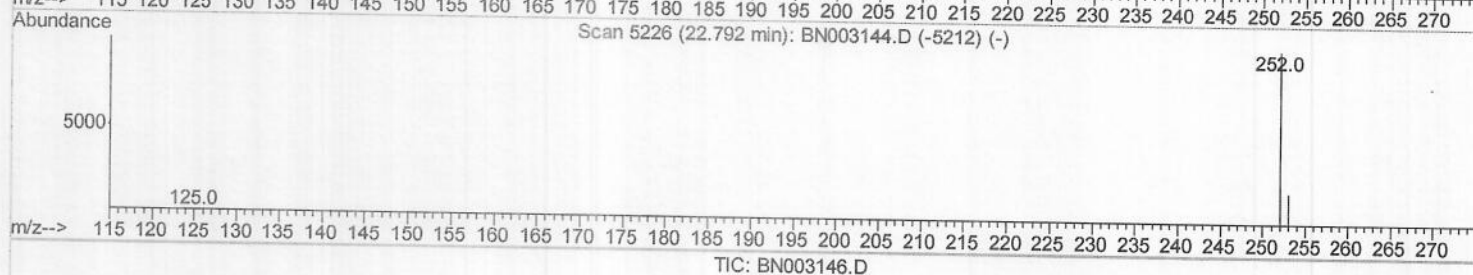
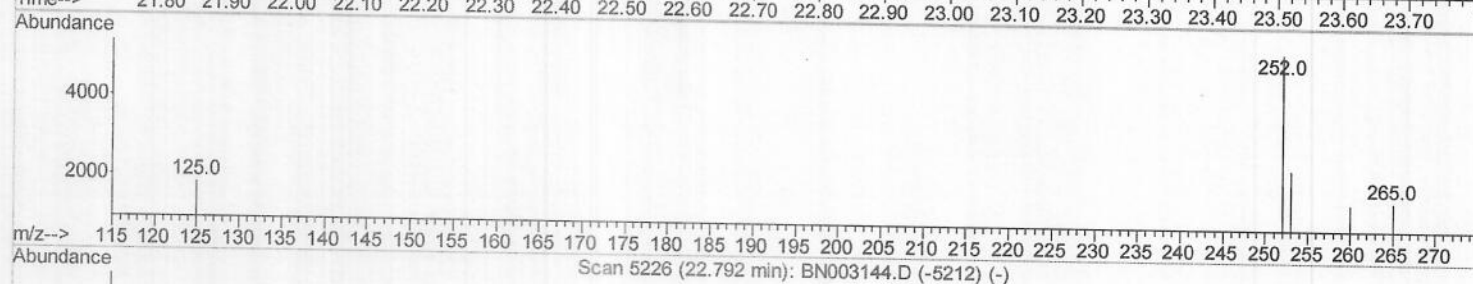
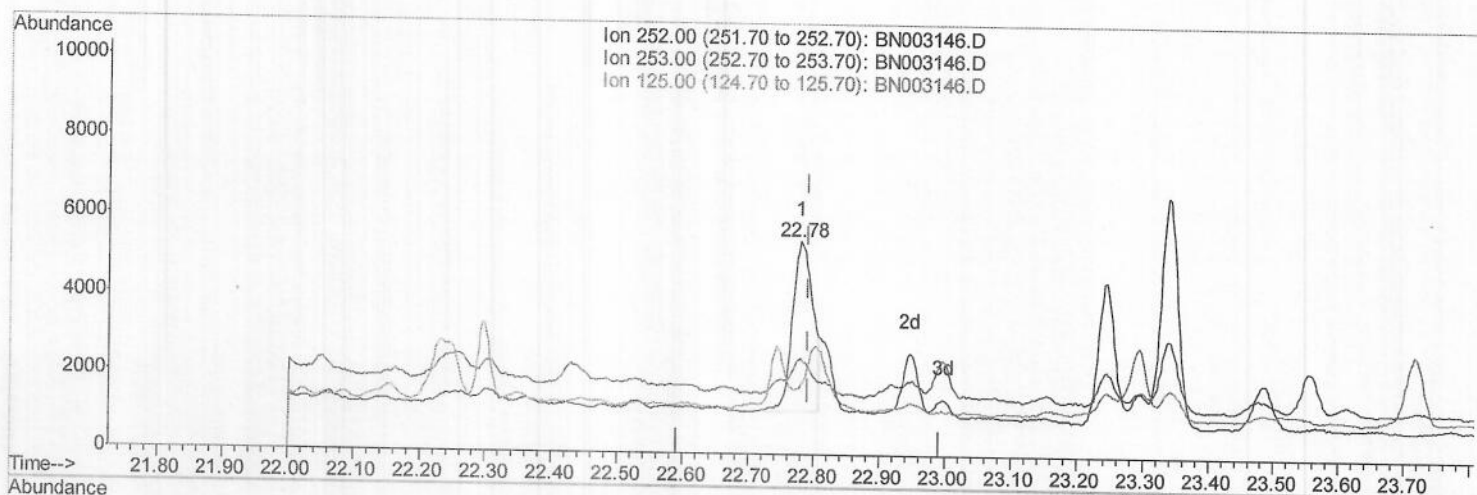
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.781min (-0.012) 0.47ng/ul m 25510/24/18

response 9312

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	45.50
125.00	17.10	33.36
0.00	0.00	0.00

Quantitation Report (Qedit)

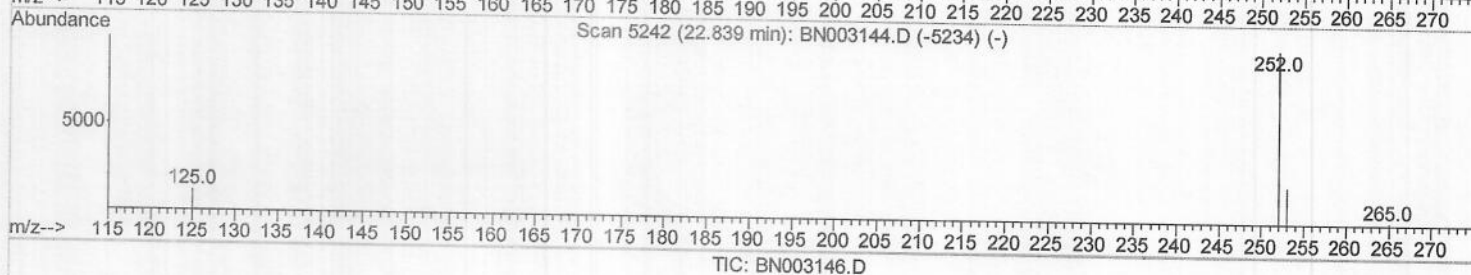
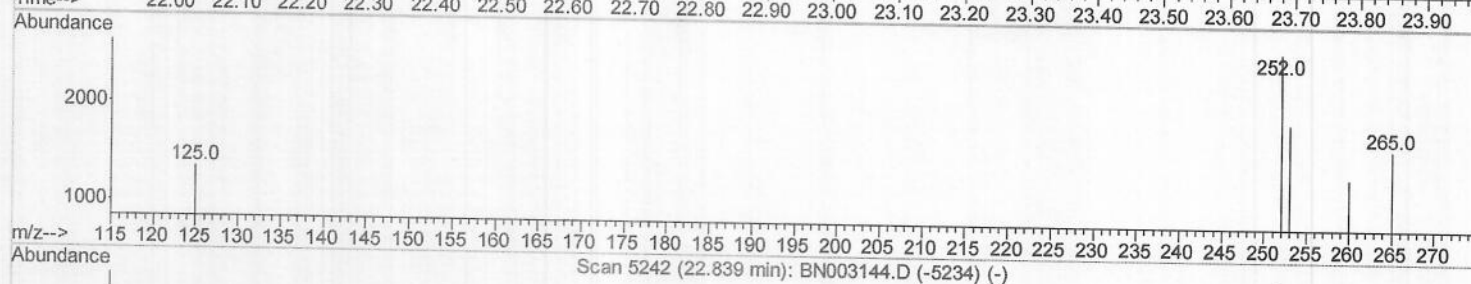
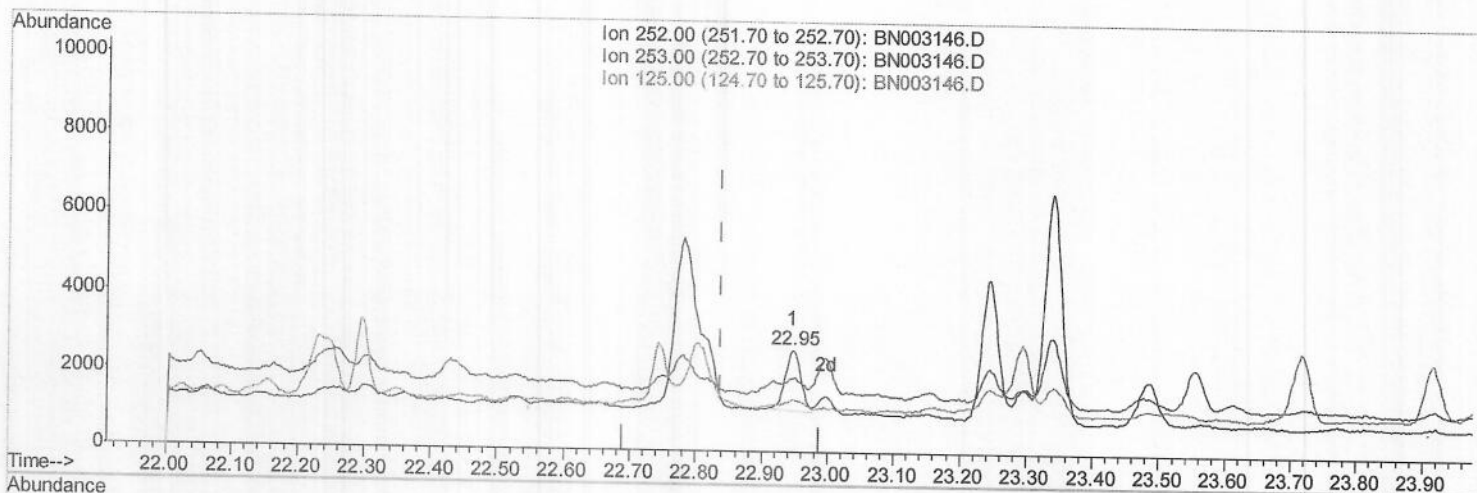
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.947min (+0.108) 0.13ng/ul
 response 2580

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	72.69#
125.00	17.60	51.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

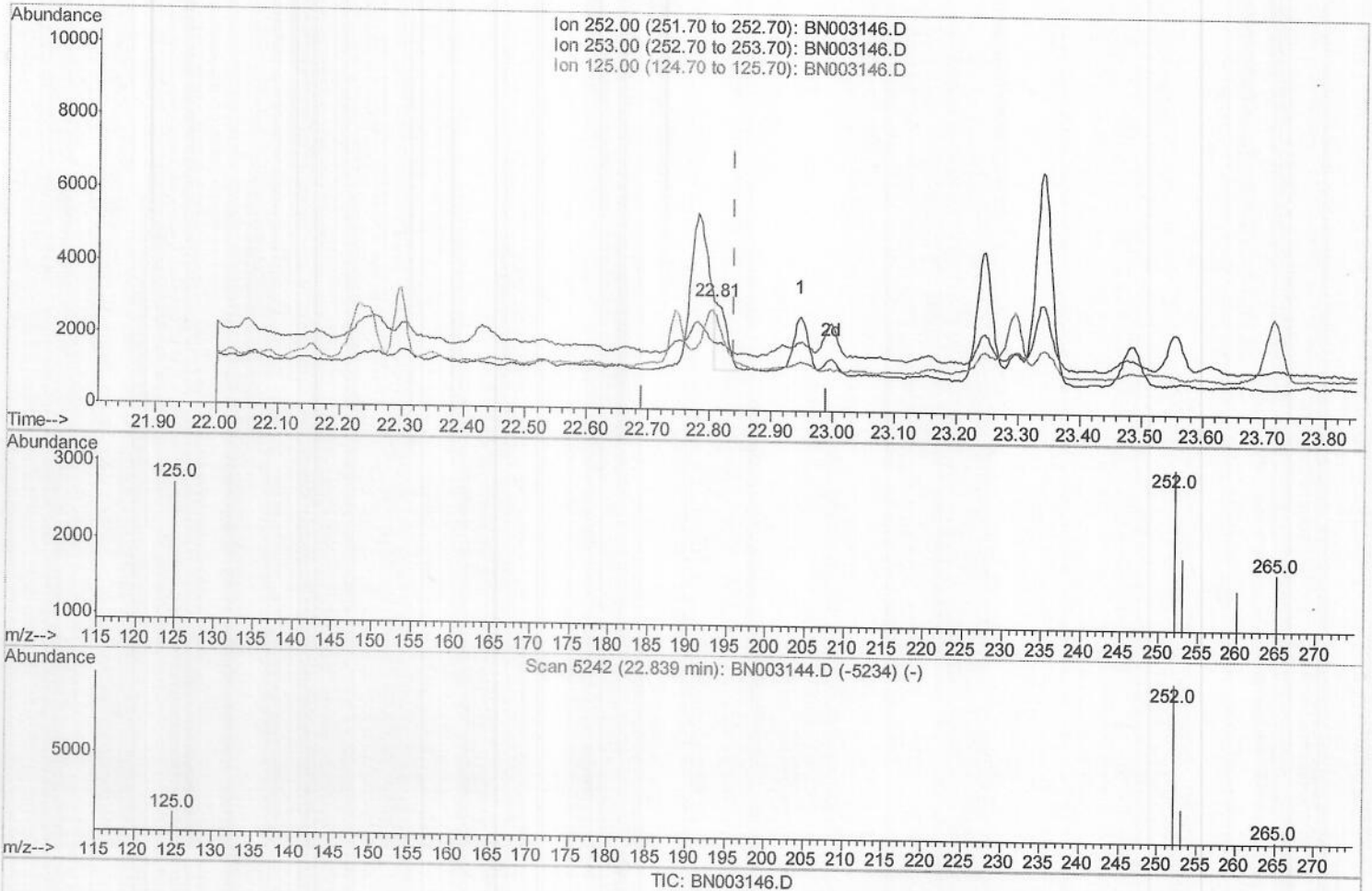
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.807min (-0.032) 0.12ng/ul m) SJ 10/24/18

response 2437

Ion	Exp%	Act%
252.00	100	100
253.00	26.60	61.98#
125.00	17.60	89.19#
0.00	0.00	0.00

Quantitation Report (Qedit)

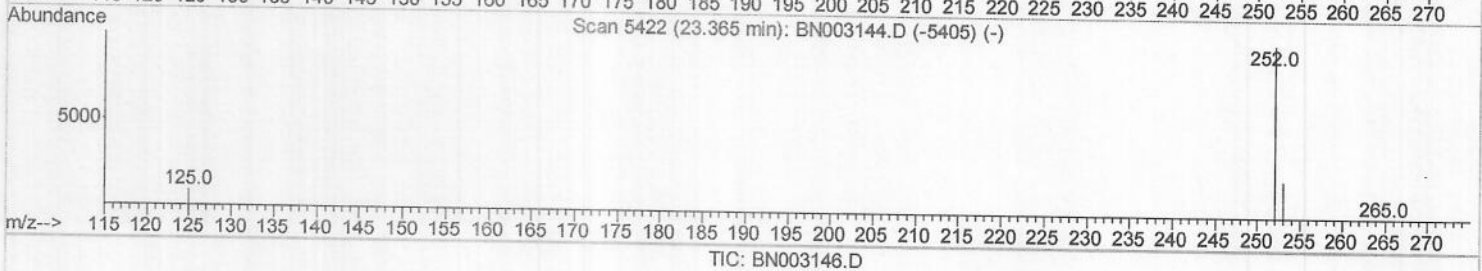
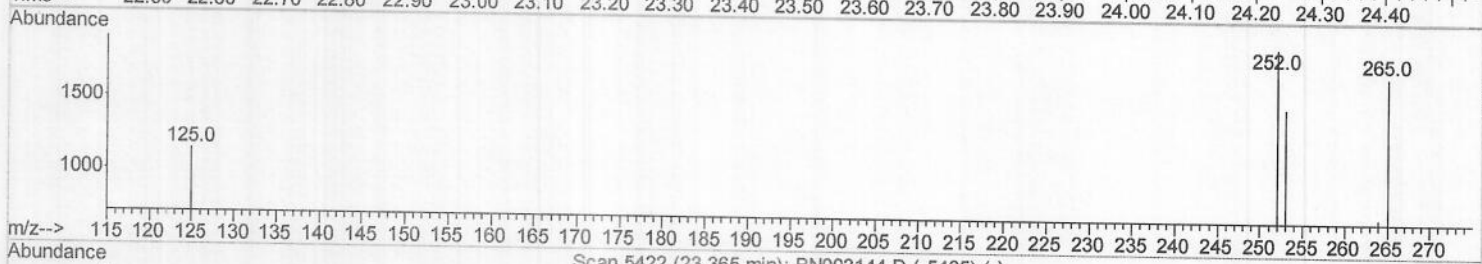
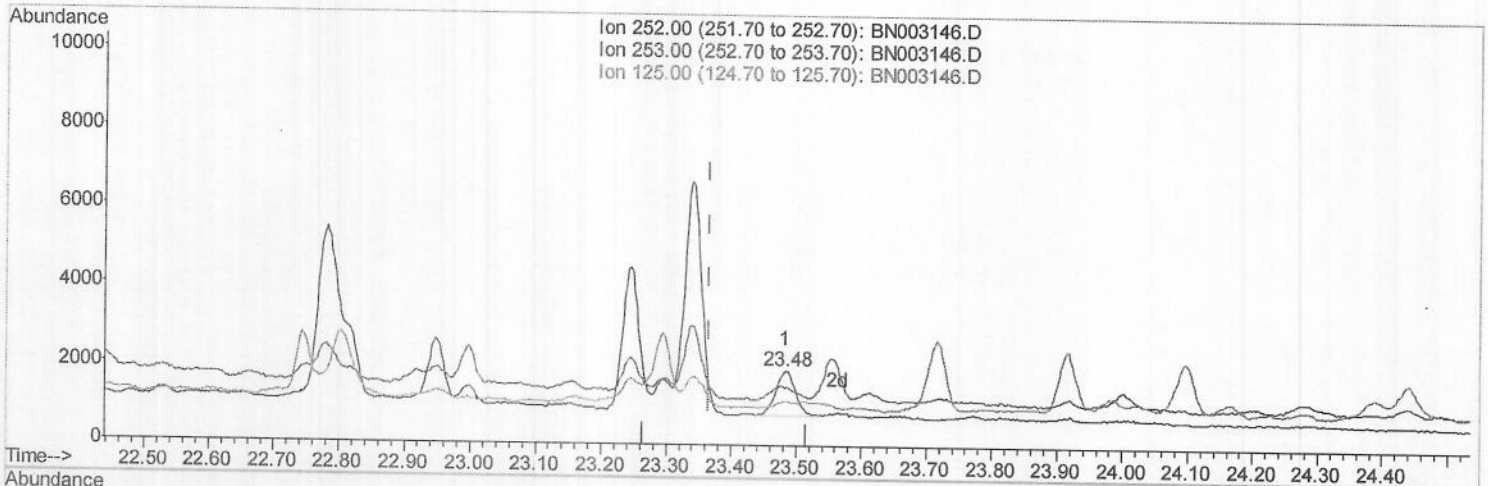
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.482min (+0.117) 0.14ng/ul

response 2434

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	78.10#
125.00	21.10	59.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

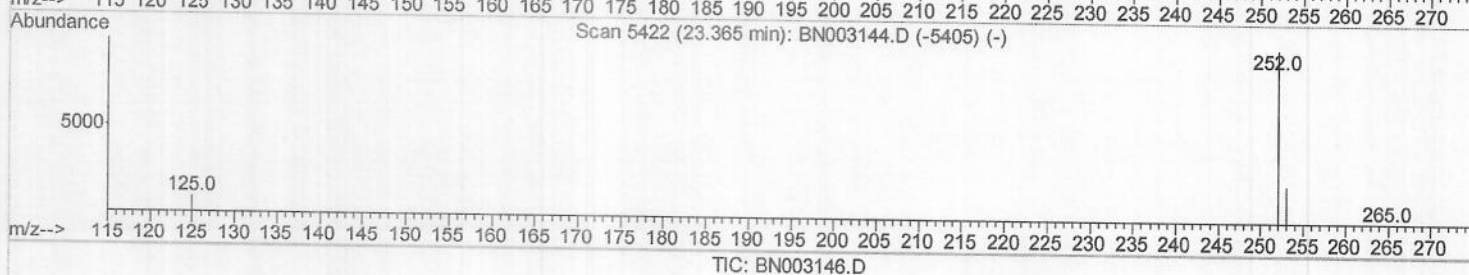
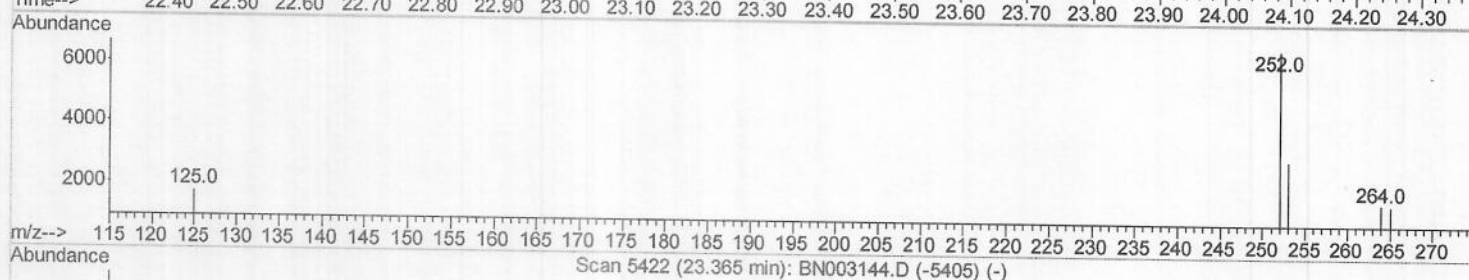
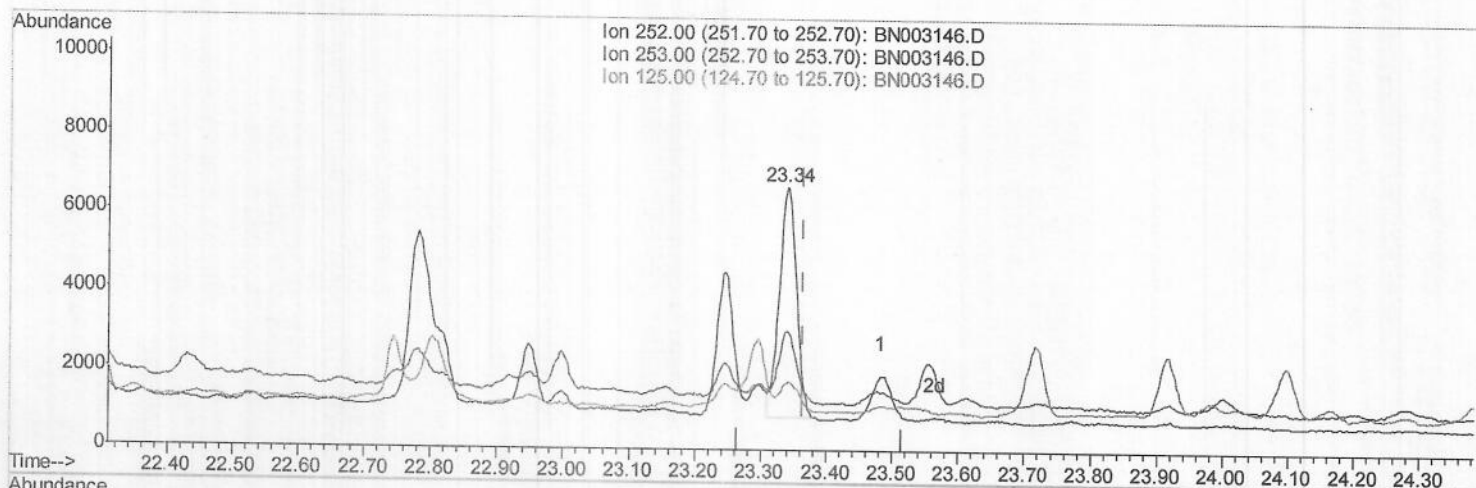
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.339min (-0.026) 0.59ng/ul m) SJ10/24/18

response 10497

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	45.51#
125.00	21.10	26.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

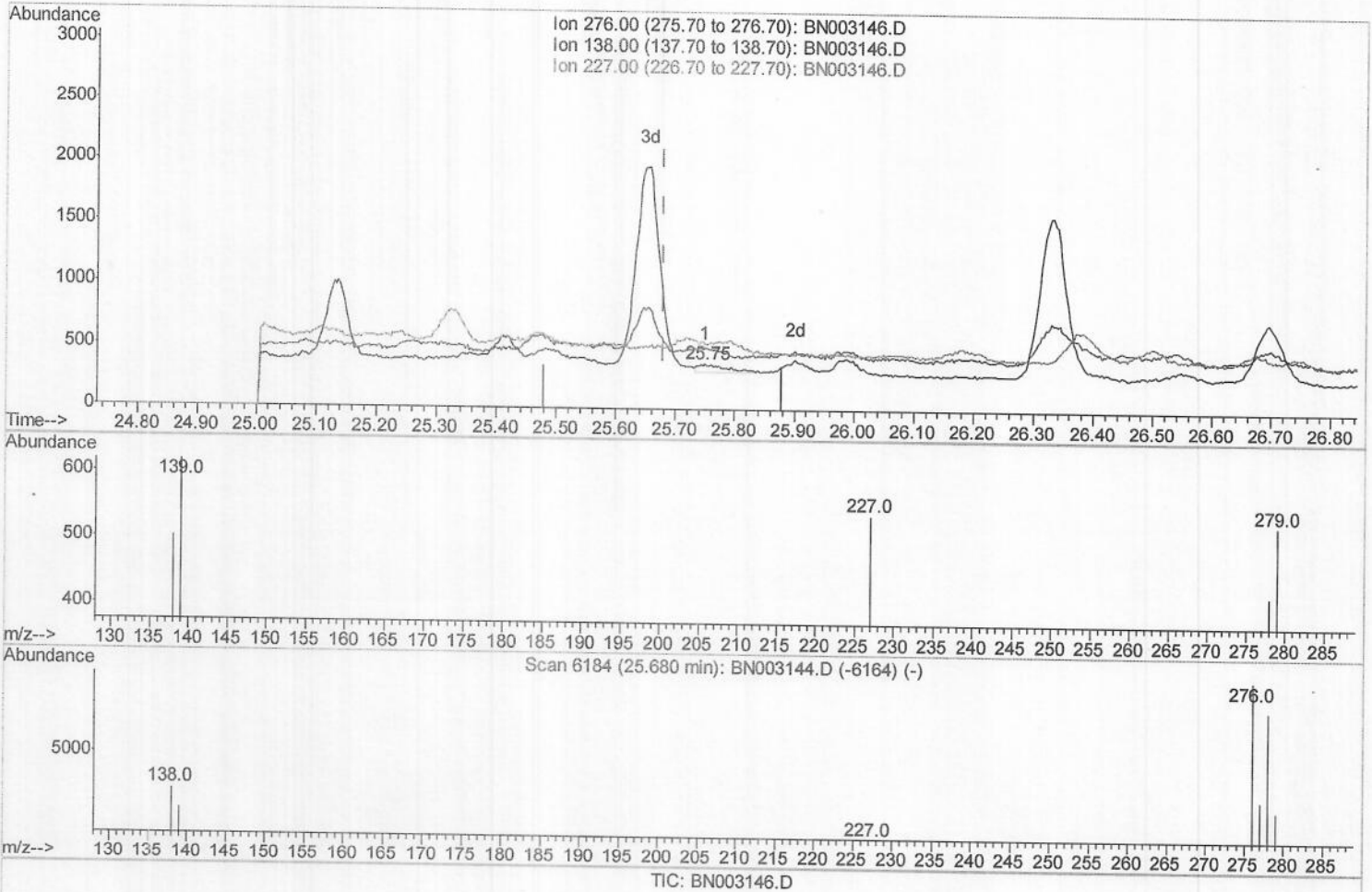
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

25.750min (+0.071) 0.01ng/ul

response 234

Ion	Exp%	Act%
276.00	100	100
138.00	26.90	0.00#
227.00	0.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

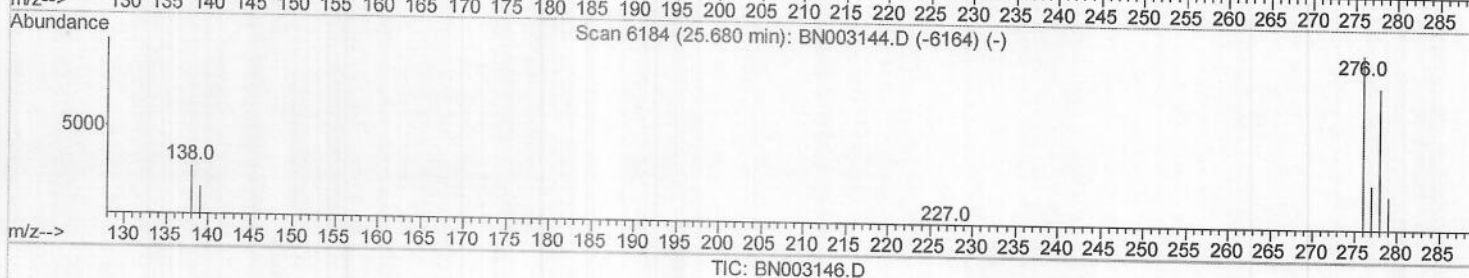
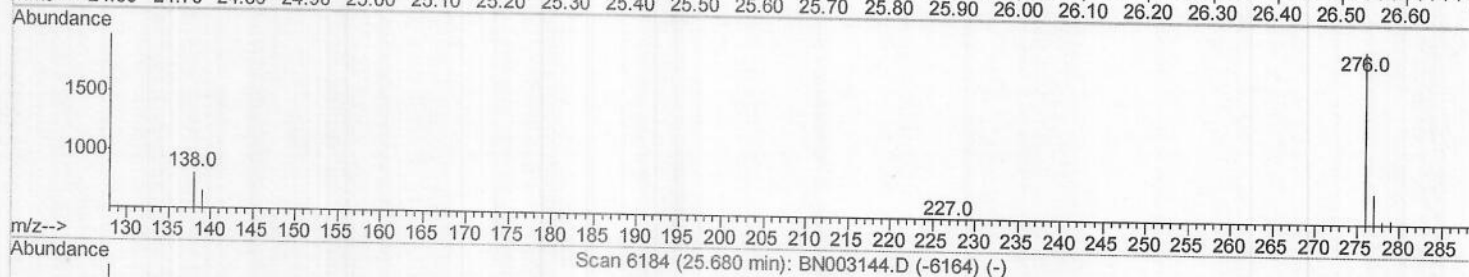
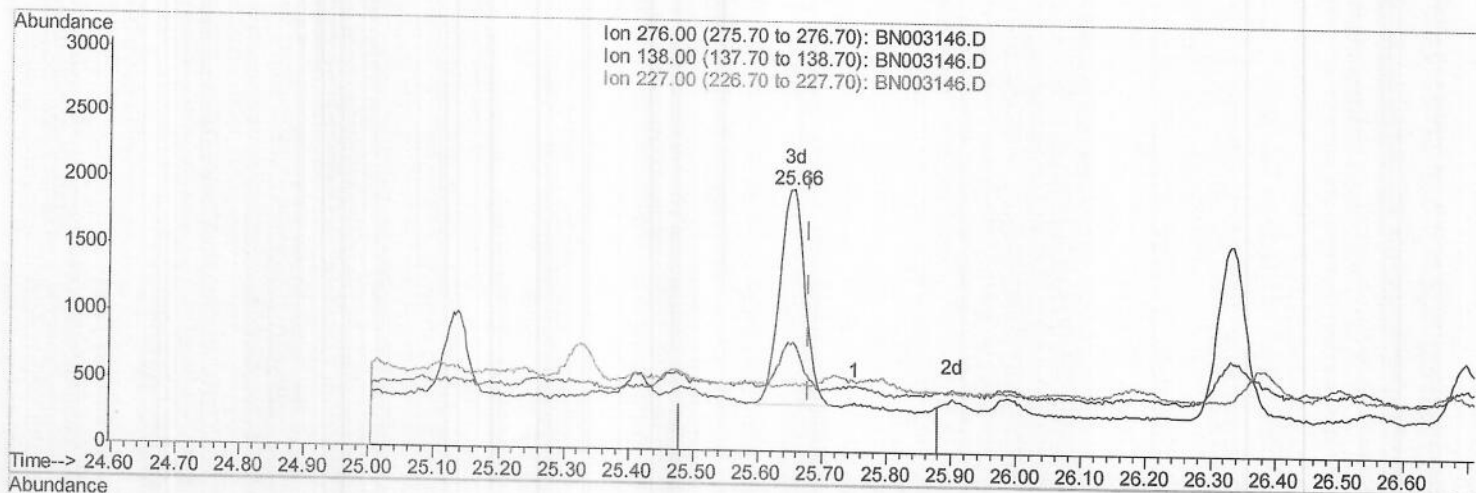
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

25.656min (-0.023) 0.21ng/ul m > 5510/24/18

response 4361

Ion	Exp%	Act%
276.00	100	100
138.00	26.90	0.00#
227.00	0.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

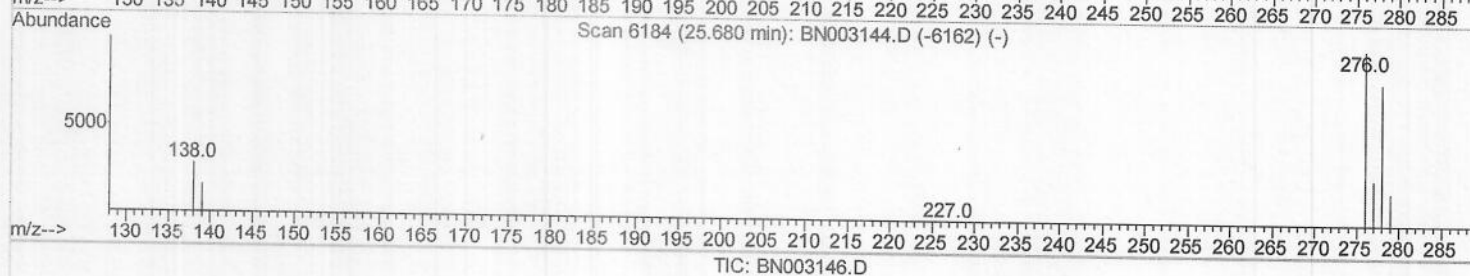
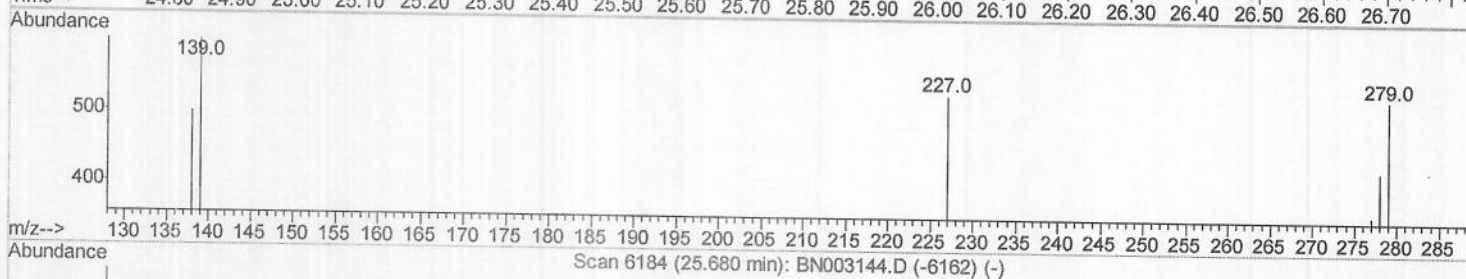
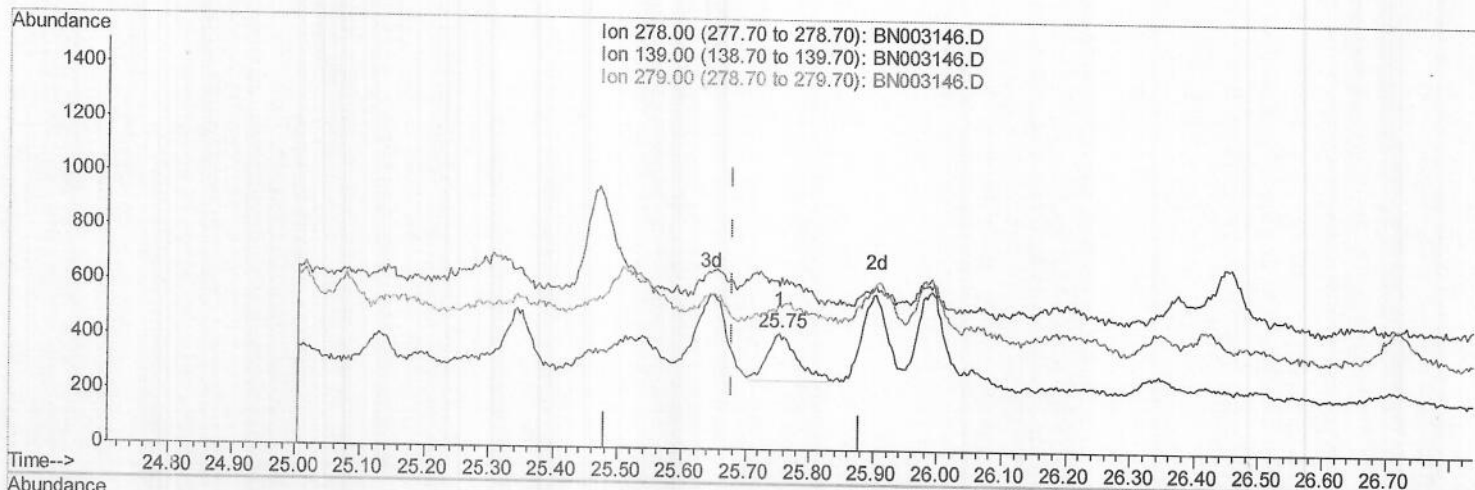
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.754min (+0.074) 0.03ng/ul

response 559

Ion	Exp%	Act%
278.00	100	100
139.00	25.30	139.63#
279.00	29.80	122.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

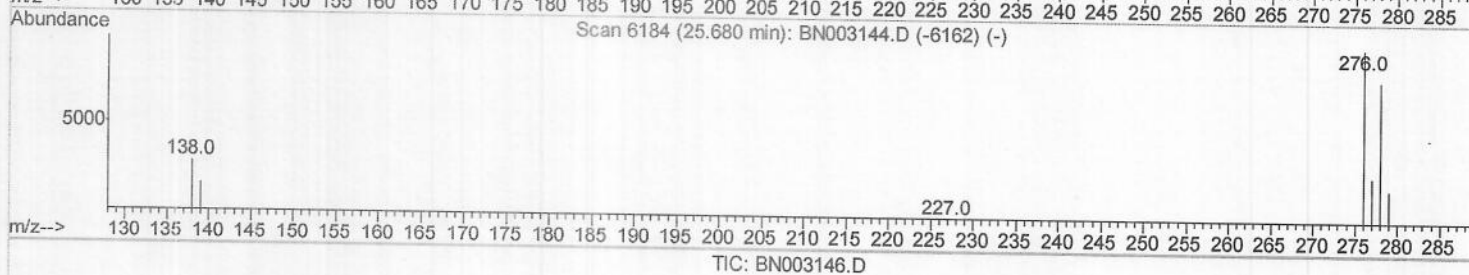
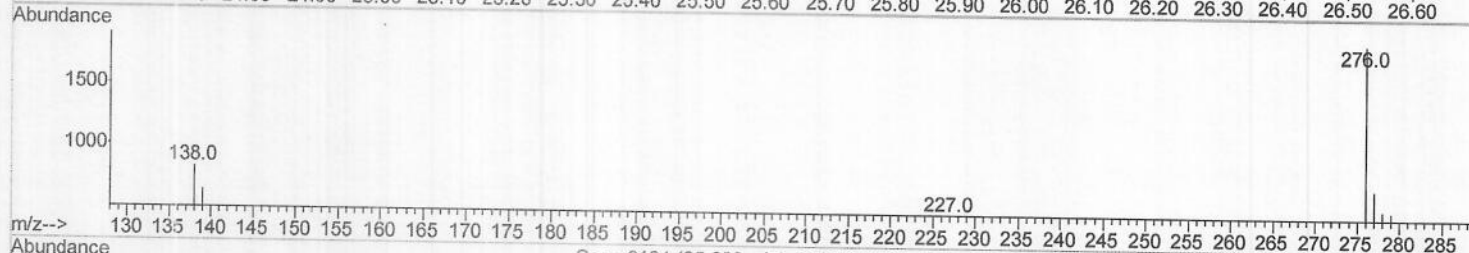
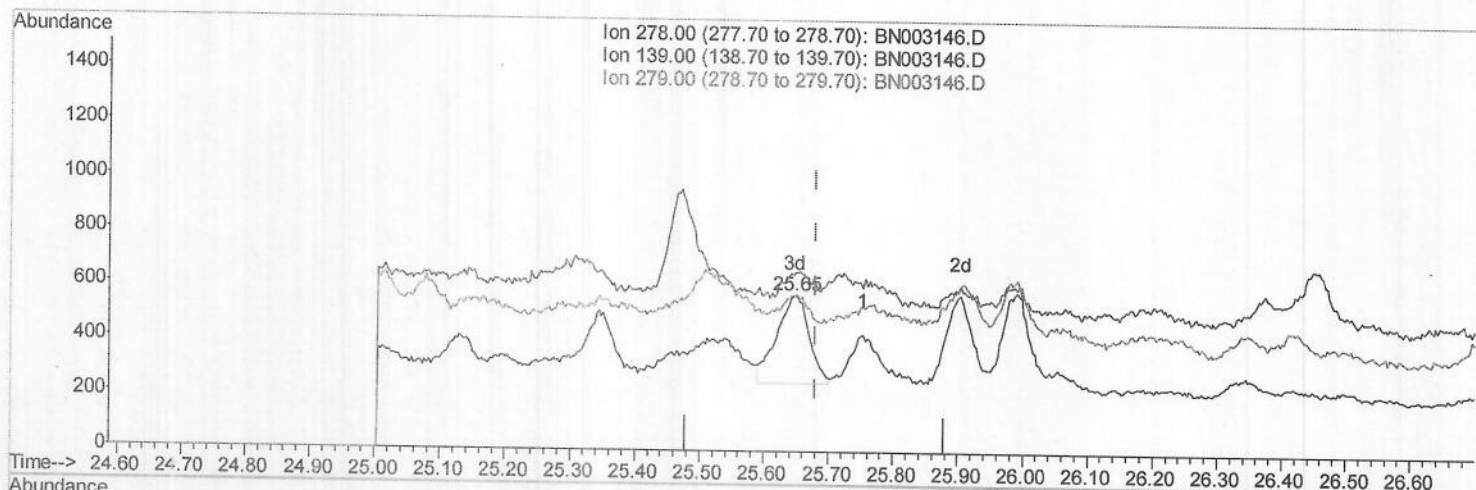
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.646min (-0.033) 0.07ng/ul m > SJ 10/24/18

response 1116

Ion	Exp%	Act%
278.00	100	100
139.00	25.30	113.56#
279.00	29.80	99.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

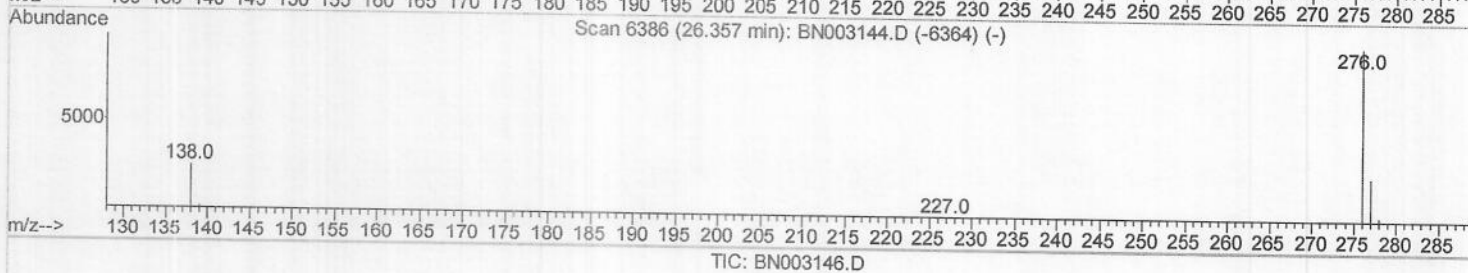
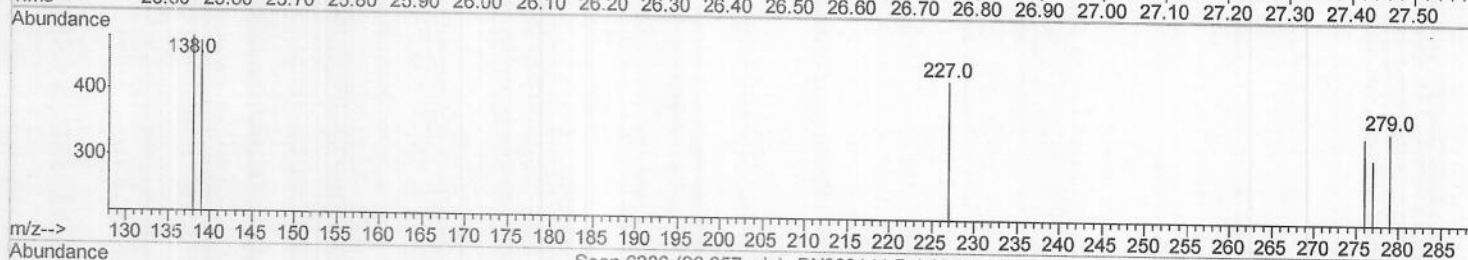
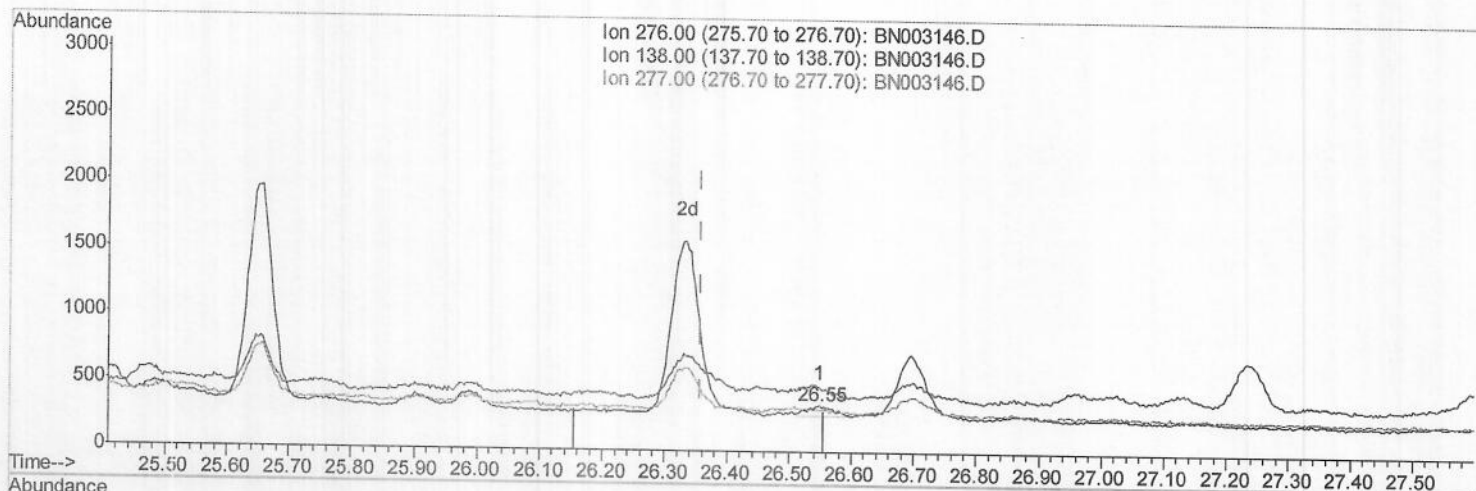
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 26.548min (+0.191) 0.01ng/ul
 response 243

Ion	Exp%	Act%
276.00	100	100
138.00	28.70	139.02#
277.00	27.50	90.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

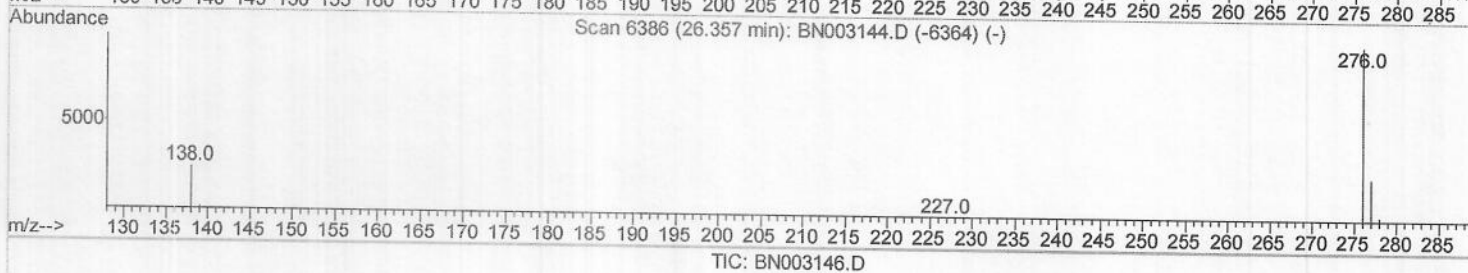
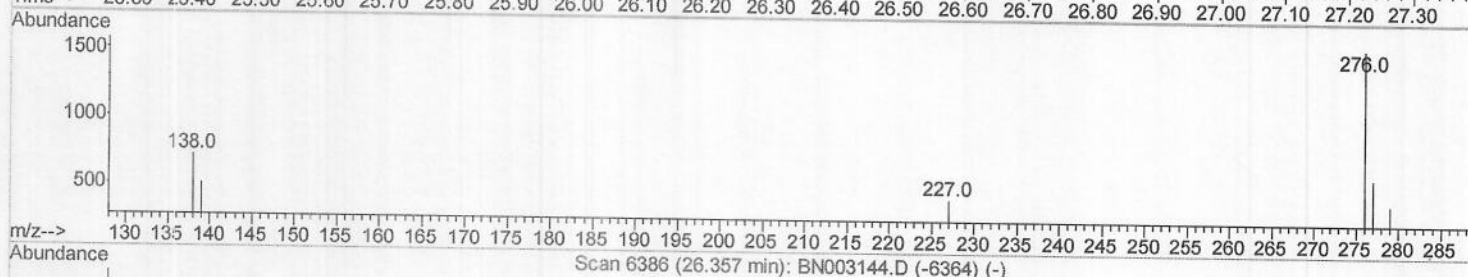
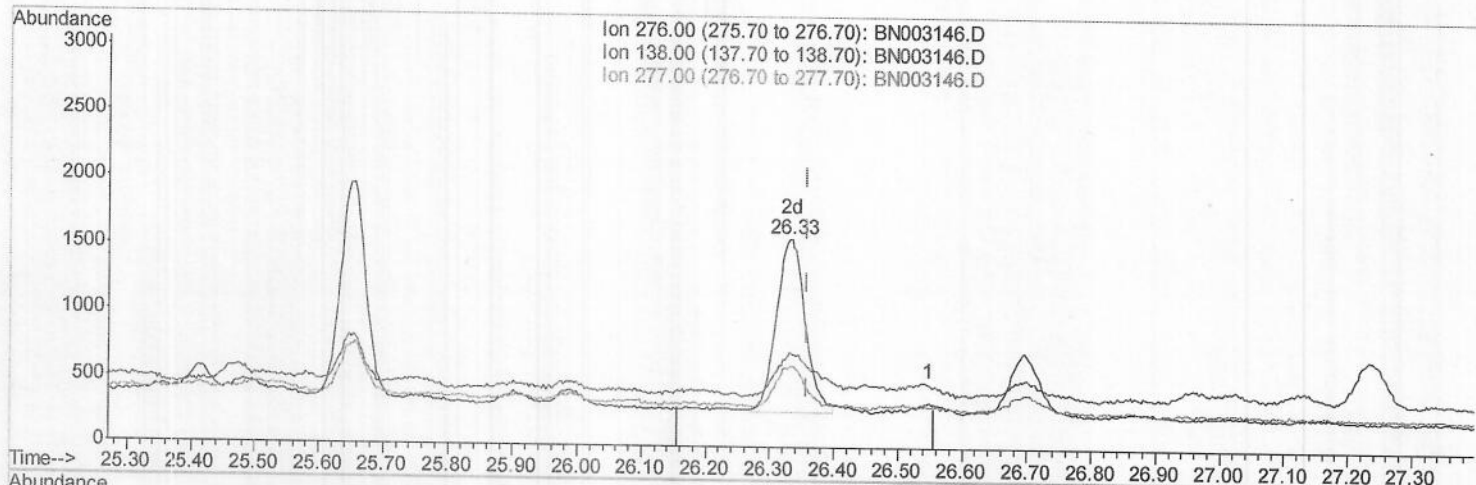
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:10:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

26.334 min (-0.023) 0.24ng/ul m > 5510/24/18

response 4053

Ion	Exp%	Act%
276.00	100	100
138.00	28.70	45.11#
277.00	27.50	39.01#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101318\
 Data File : BN003146.D
 Acq On : 12 Oct 2018 19:15
 Operator : MJ/SJ
 Sample : J5234-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AJ9

Manual Integrations
 APPROVED

Sohil
 10/15/2018 4:14:44 PM

Quant Time: Oct 13 05:11:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 13 04:51:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1748	0.40	ng/ul	-0.03
2) Naphthalene-d8	10.38	136	7131	0.40	ng/ul	-0.03
6) Acenaphthene-d10	14.26	164	6141	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.01	188	9097m)	0.40	ng/ul	-0.03
16) Chrysene-d12	21.22	240	7635m)	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	5508m)	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	3500	0.32	ng/ul	-0.04
14) Fluoranthene-d10	19.05	212	8638m)	0.33	ng/ul	-0.01
Target Compounds						
3) Naphthalene	10.43	128	58966	3.222	ng/ul	98
5) 2-Methylnaphthalene	12.06	142	120263	9.547	ng/ul	97
7) Acenaphthylene	13.98	152	10725	0.382	ng/ul#	53
8) Acenaphthene	14.32	153	15744	0.738	ng/ul	95
9) Fluorene	15.31	166	79785	3.267	ng/ul	99
12) Phenanthrene	17.06	178	155875	6.147	ng/ul	97
13) Anthracene	17.15	178	57356m)	2.394	ng/ul	
15) Fluoranthene	19.08	202	55741m)	1.874	ng/ul	
17) Pyrene	19.45	202	88151	2.973	ng/ul	98
18) Benzo(a)anthracene	21.21	228	23553m)	0.959	ng/ul	
19) Chrysene	21.26	228	20060m)	0.804	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	9312m)	0.469	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	2437m)	0.119	ng/ul	
23) Benzo(a)pyrene	23.34	252	10497m)	0.590	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.66	276	4361m)	0.213	ng/ul	
25) Dibenzo(a,h)anthracene	25.65	278	1116m)	0.068	ng/ul	
26) Benzo(a,h,i)perylene	26.33	276	4053m)	0.235	ng/ul	

SJ 10/24/18

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