

Quantitation Report (QT Reviewed)

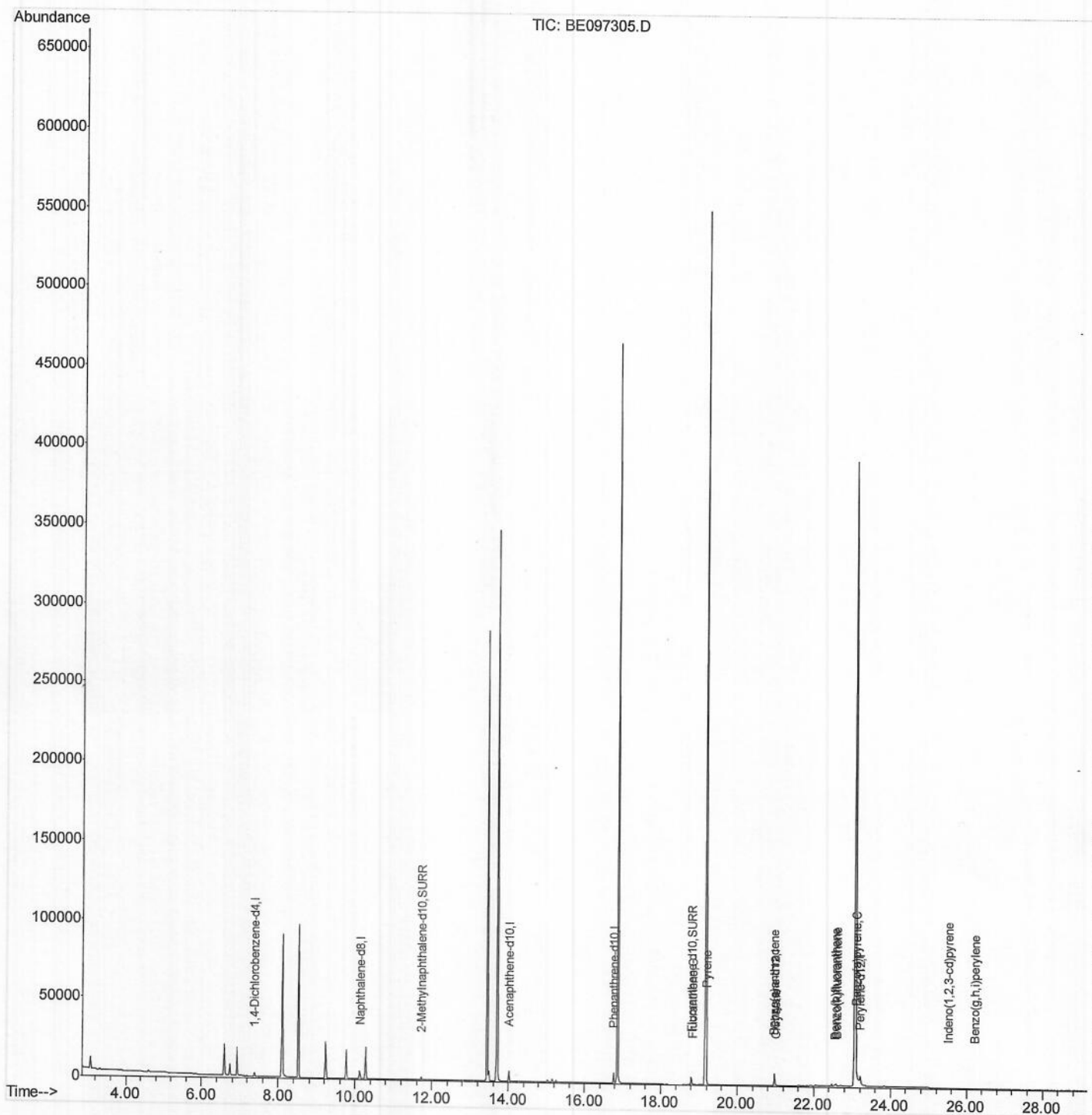
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Quant Time: Aug 20 10:30:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM



Quantitation Report (Qedit)

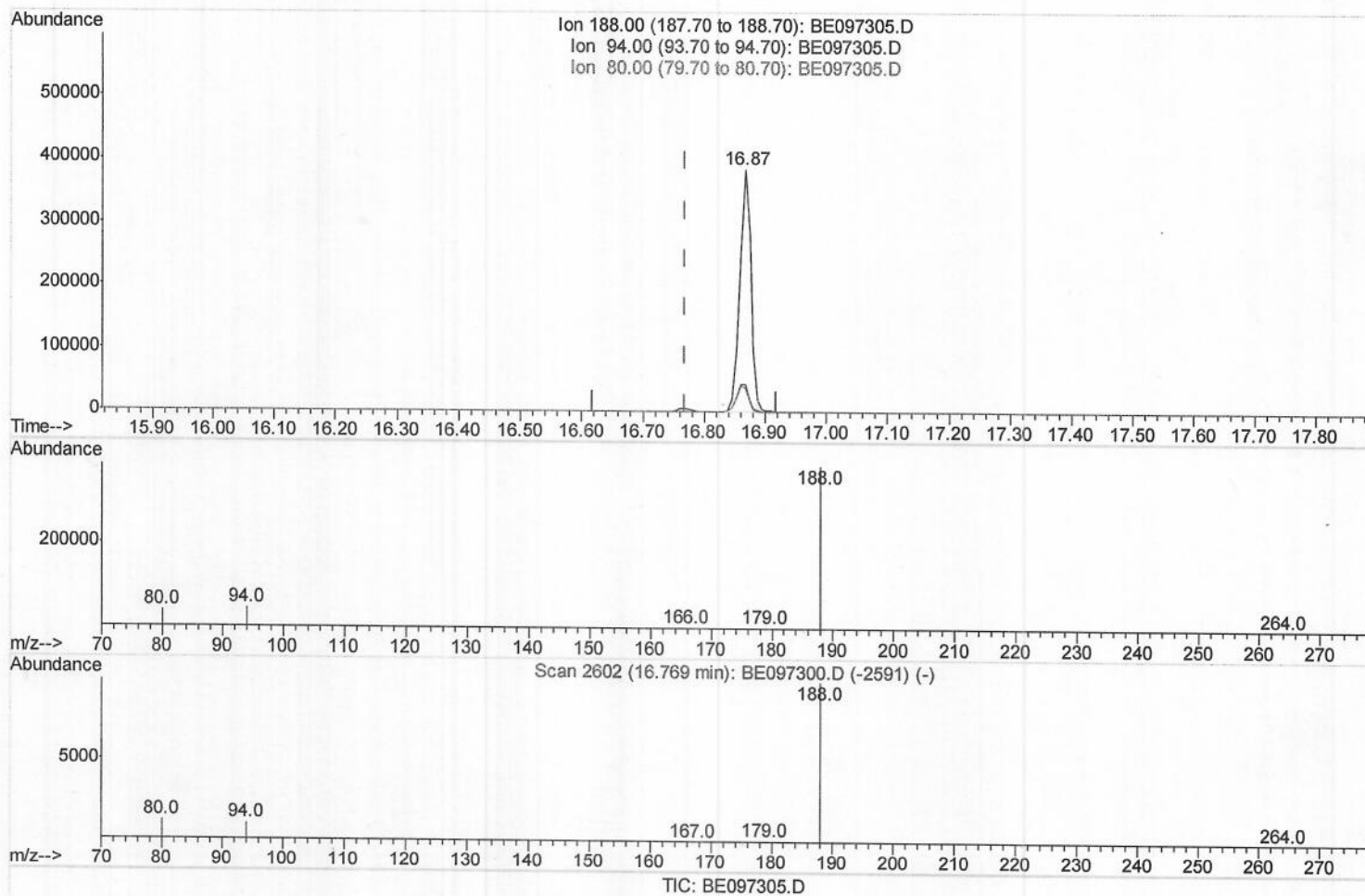
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097305.D
Acq On : 17 Aug 2018 20:21
Operator : SJ/JU
Sample : J4424-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
8/20/2018 4:15:33 PM

Quant Time: Aug 17 23:34:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 23:33:44 2018
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(10) Phenanthrene-d10 (I)

16.867min (+0.098) 0.40ng/ul

response 490670

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.35
80.00	11.80	10.24
0.00	0.00	0.00

Quantitation Report (Qedit)

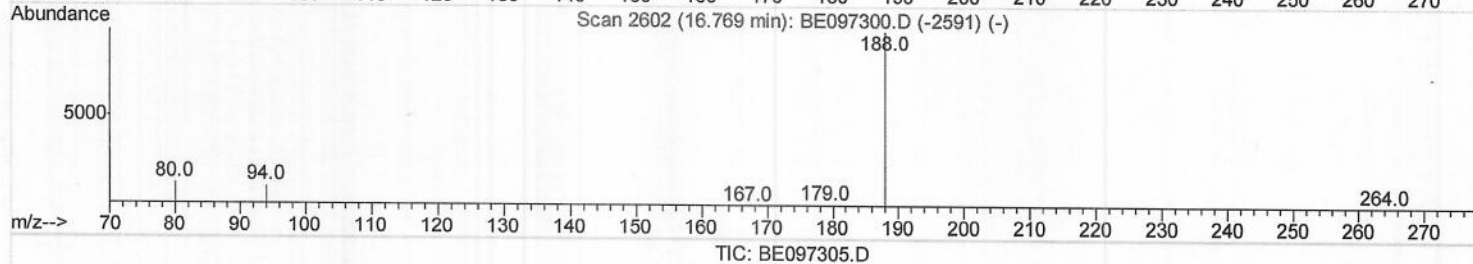
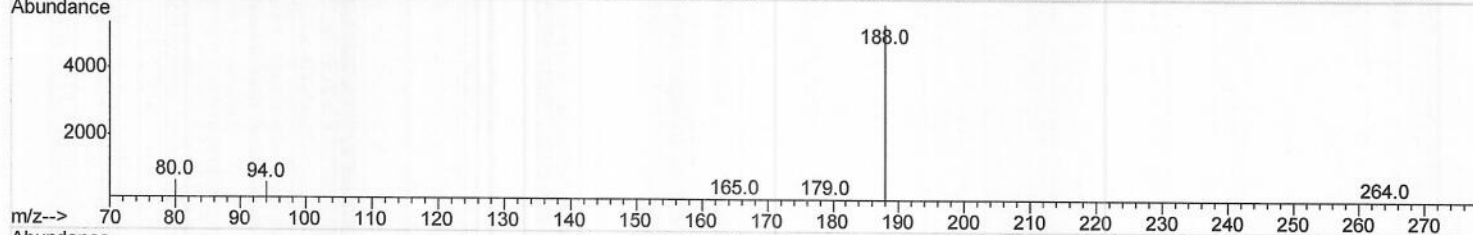
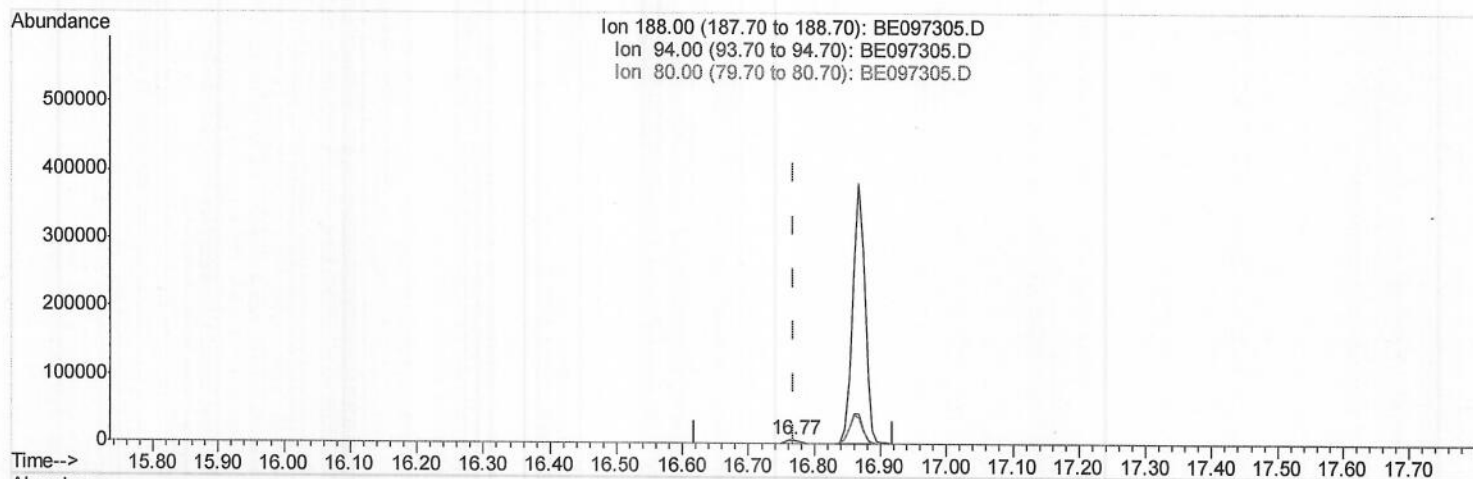
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
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 Operator : SJ/JU
 Sample : J4424-13
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TIC: BE097305.D

(10) Phenanthrene-d10 (I)

16.768min (-0.001) 0.40ng/ul m) SJ 8/22/18

response 7478

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.62
80.00	11.80	10.51
0.00	0.00	0.00

Quantitation Report (Qedit)

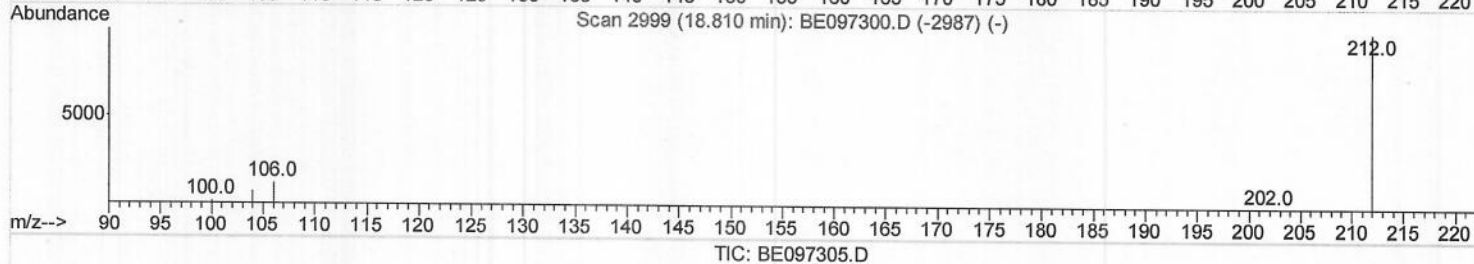
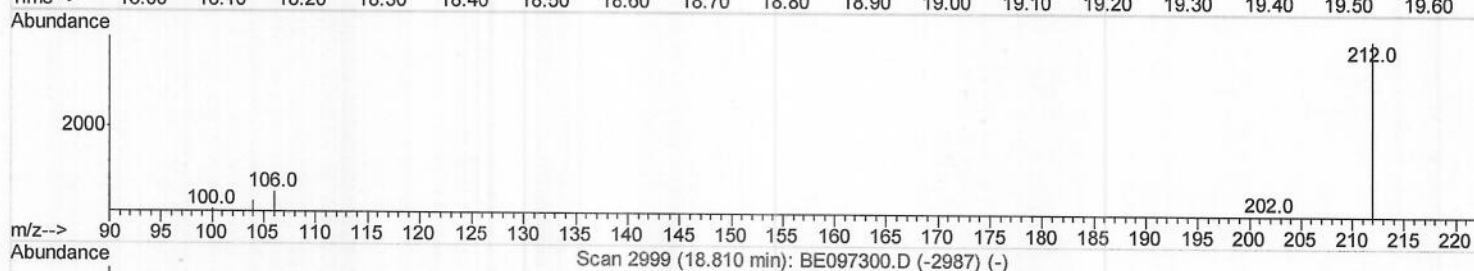
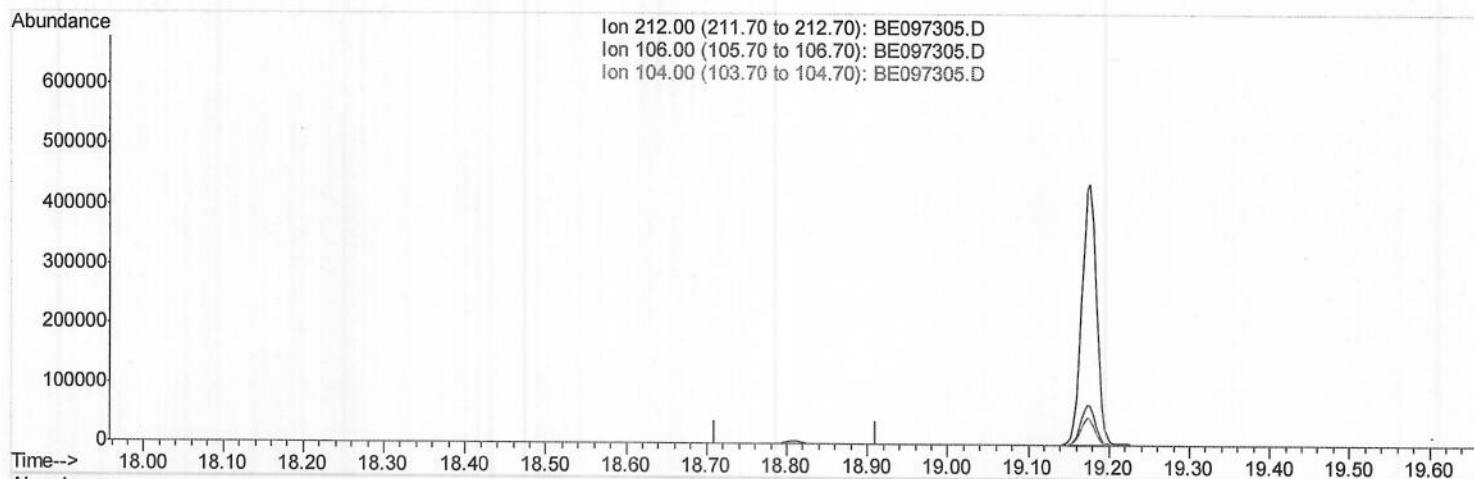
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Sohil
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Quant Time: Aug 18 00:15:57 2018
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(14) Fluoranthene-d10 (SURR)

18.810min (-18.810) 0.00ng/ui

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

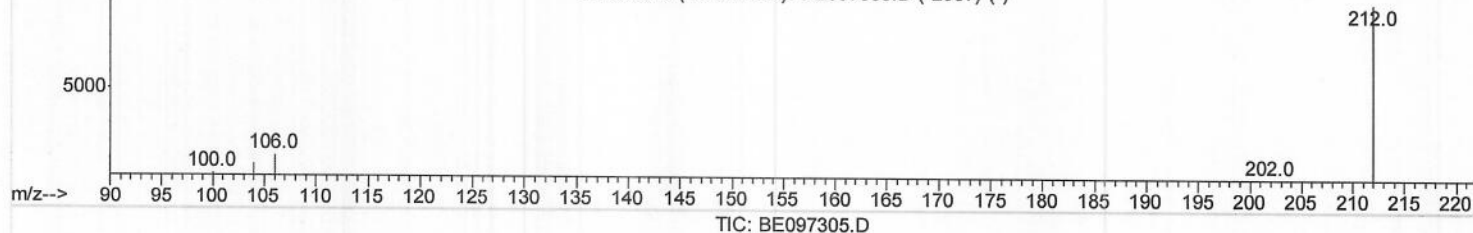
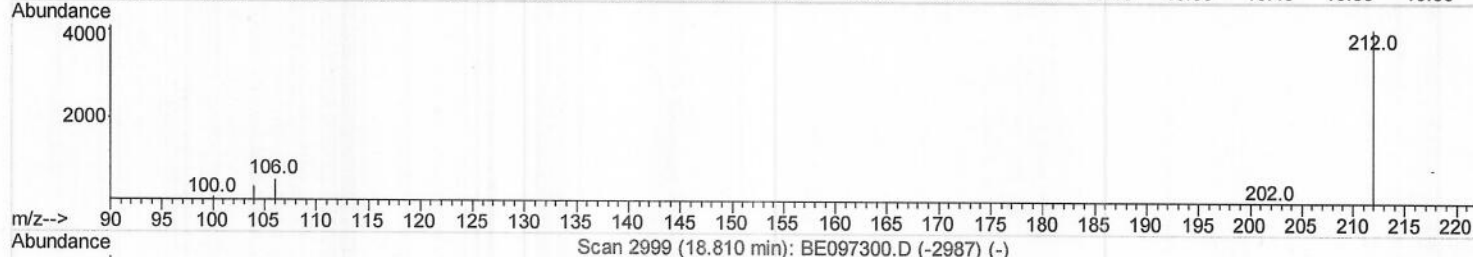
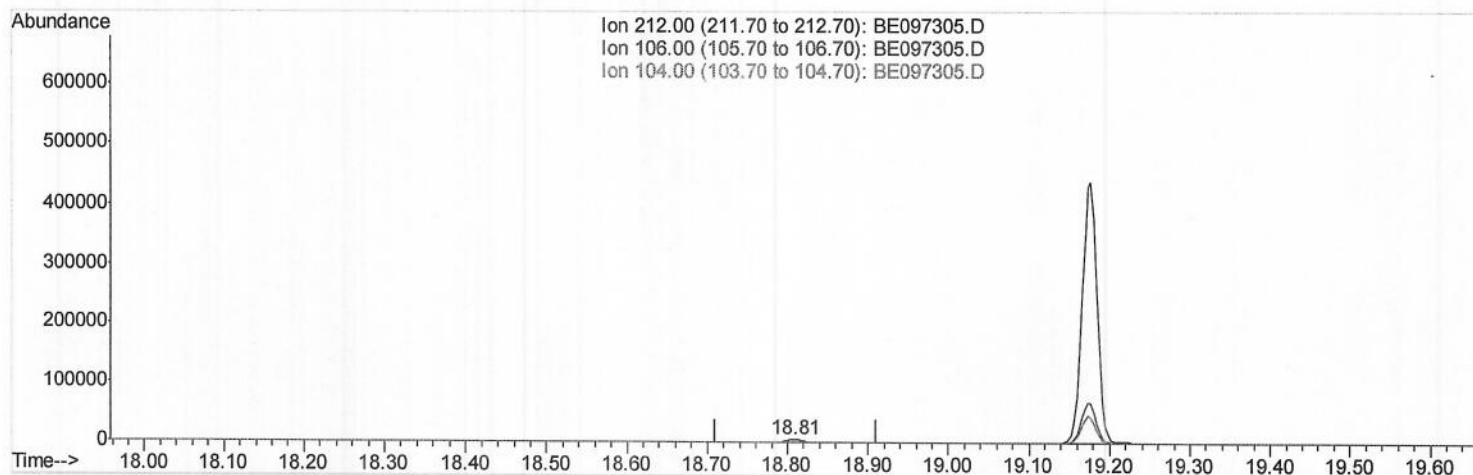
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(14) Fluoranthene-d10 (SURR)

18.806min (-0.004) 0.27ng/ul m

SJ 8/22/18

response 5501

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

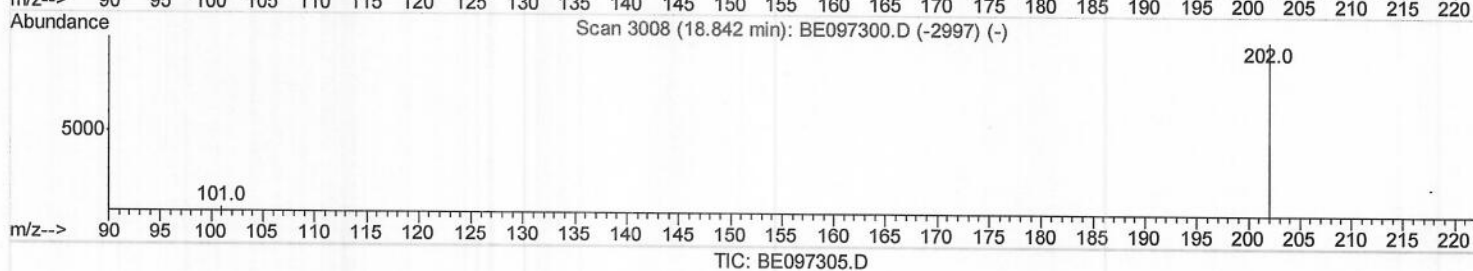
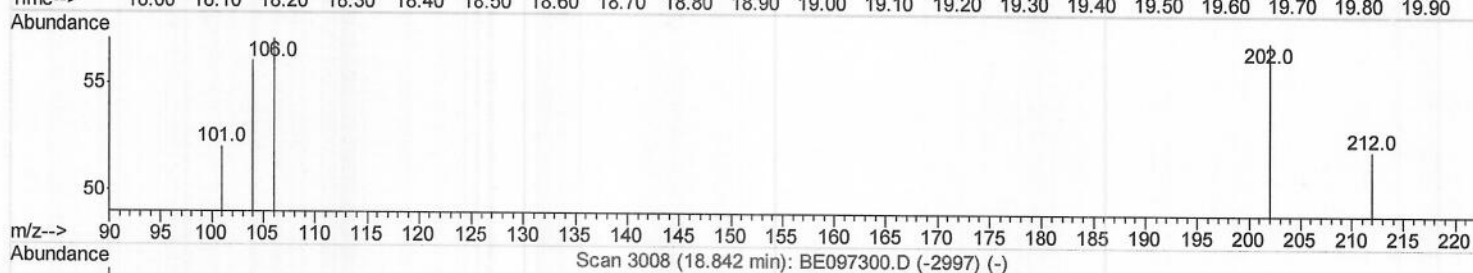
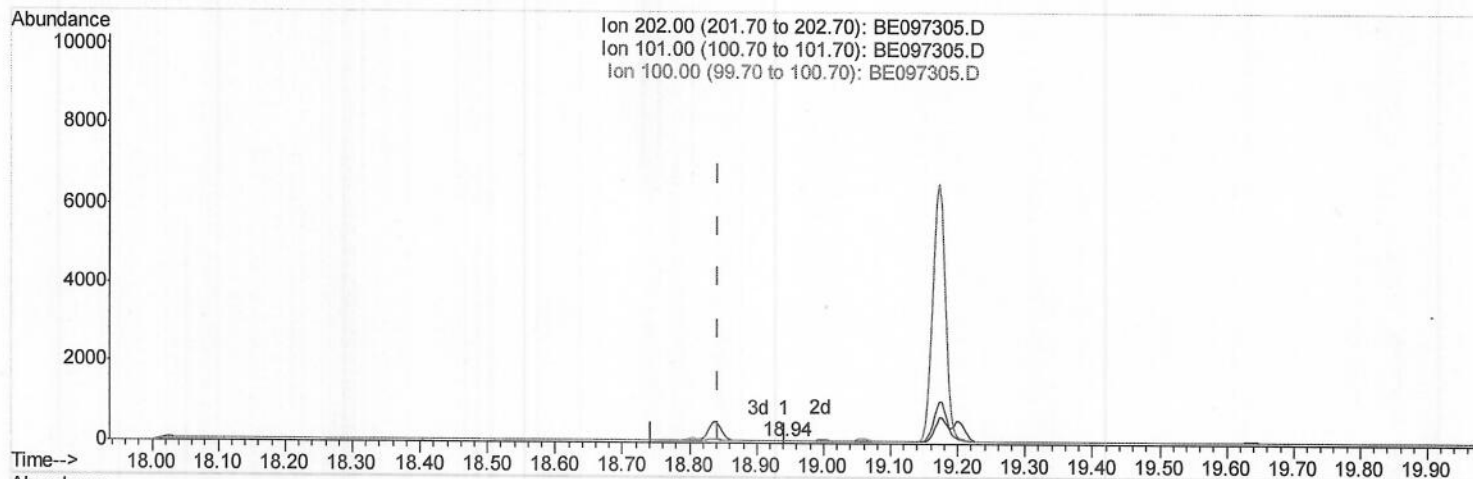
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(15) Fluoranthene (C)

18.942min (+0.099) 0.00ng/ul

response 5

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	91.23#
100.00	19.50	85.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

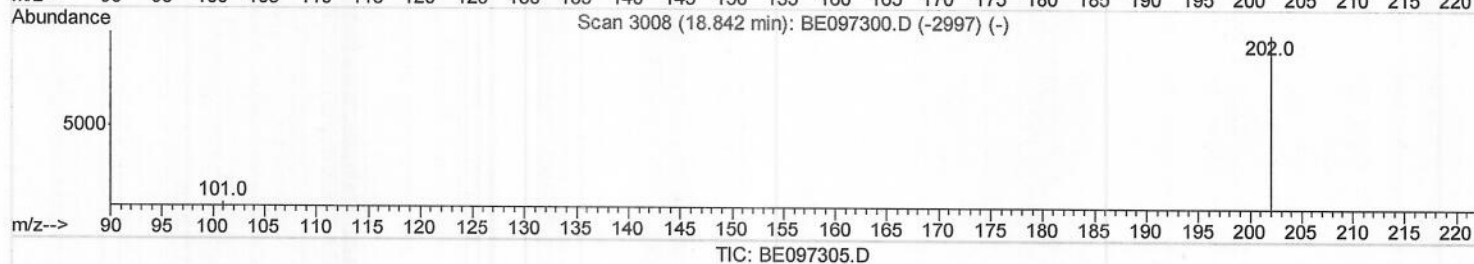
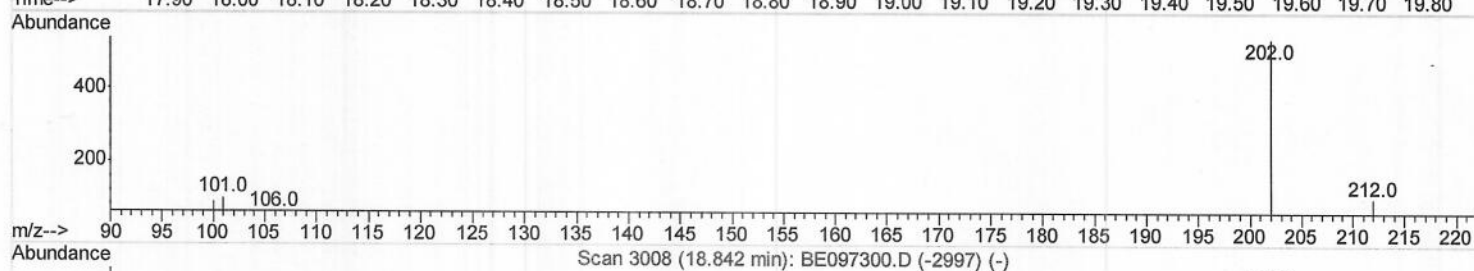
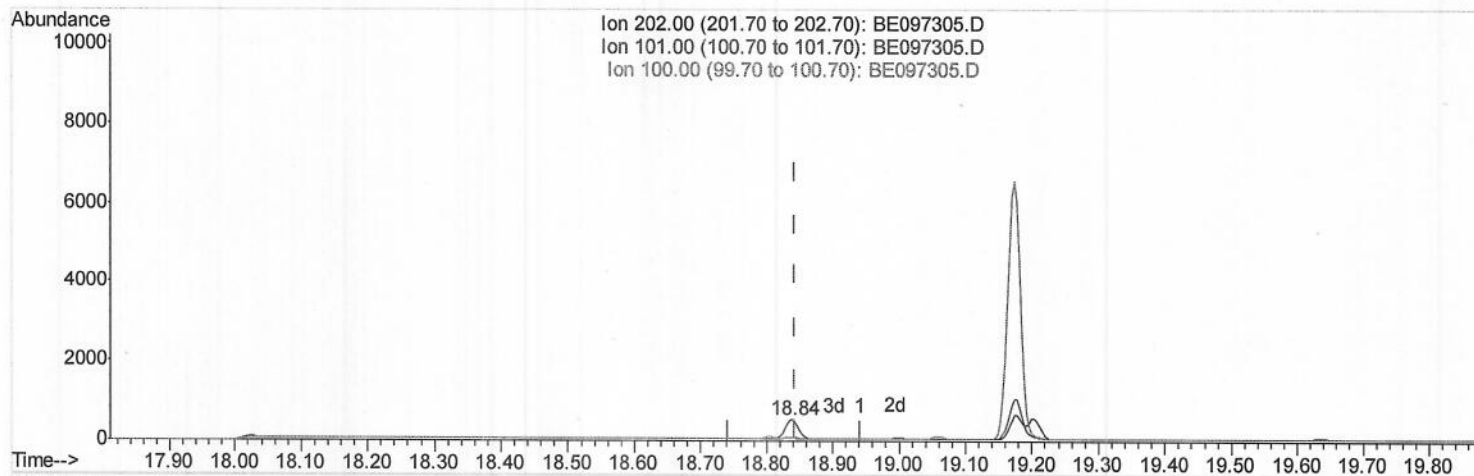
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 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
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(15) Fluoranthene (C)

18.838min (-0.004) 0.03ng/ul m) 558 (22118

response 659

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	18.47
100.00	19.50	16.42
0.00	0.00	0.00

Quantitation Report (Qedit)

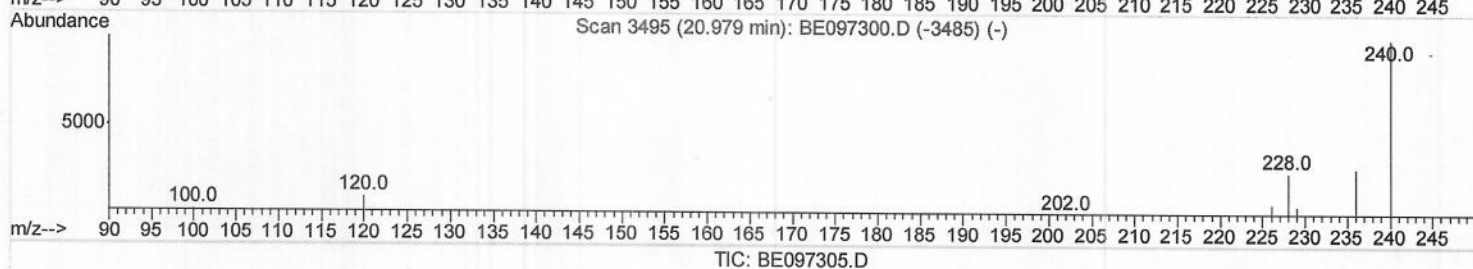
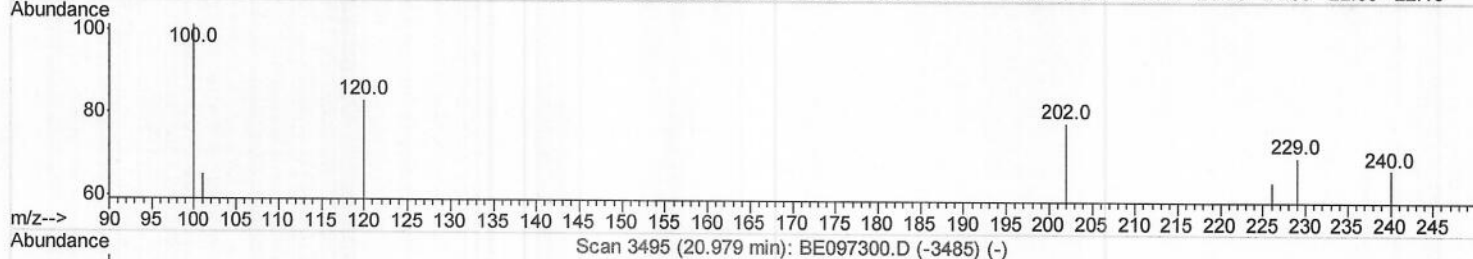
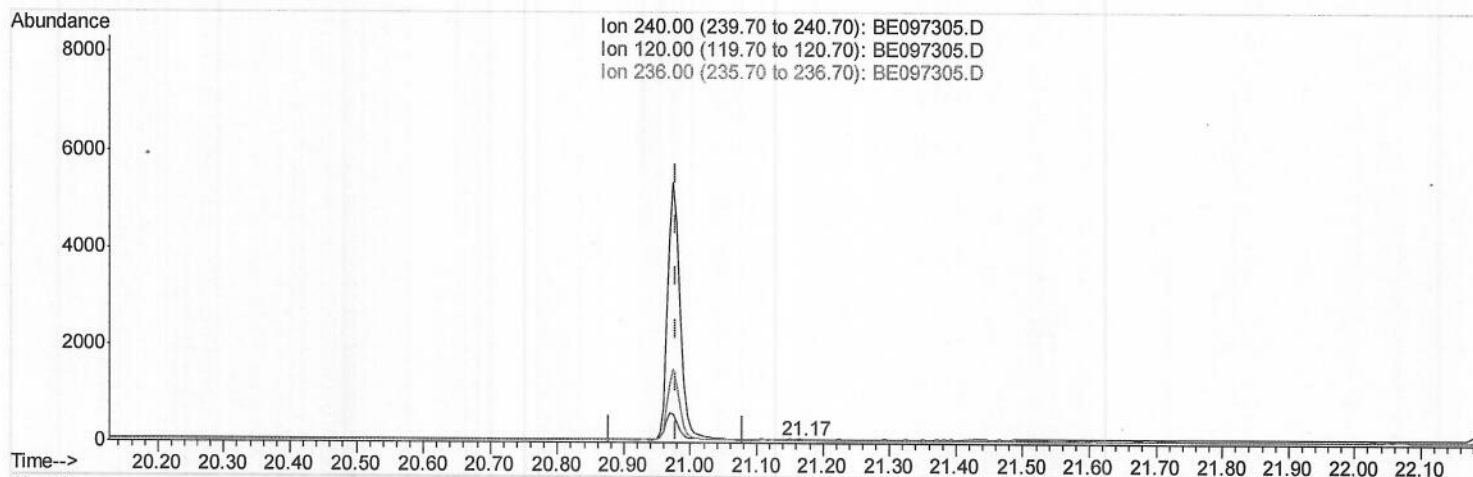
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 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
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(16) Chrysene-d12 (I)

21.171min (+0.192) 0.40ng/ul

response 8

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	123.88#
236.00	34.90	88.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

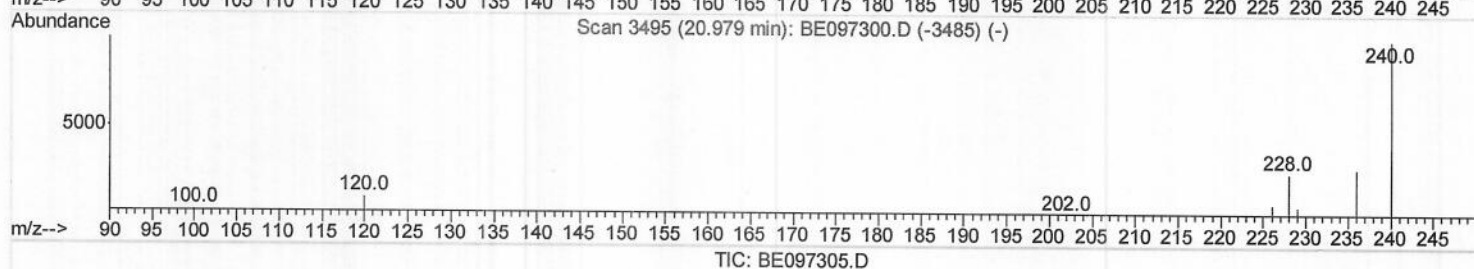
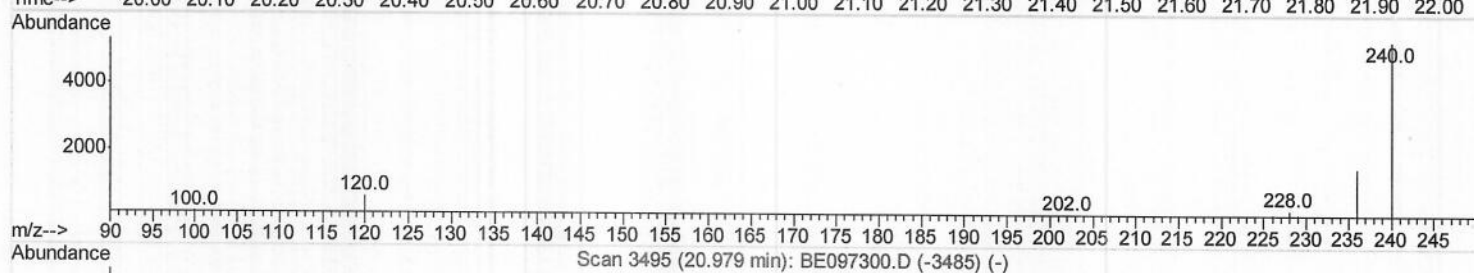
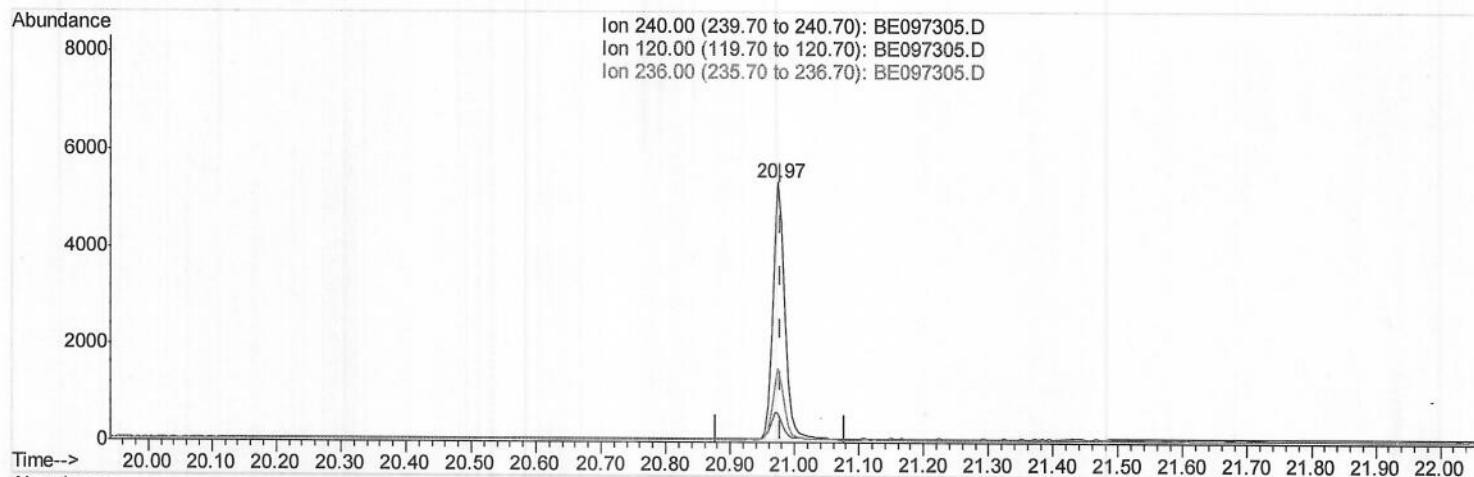
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 Data File : BE097305.D
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 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:15:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.975min (-0.004) 0.40ng/ul m) SJ 8/22/18

response 6932

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	10.96#
236.00	34.90	28.17
0.00	0.00	0.00

Quantitation Report (Qedit)

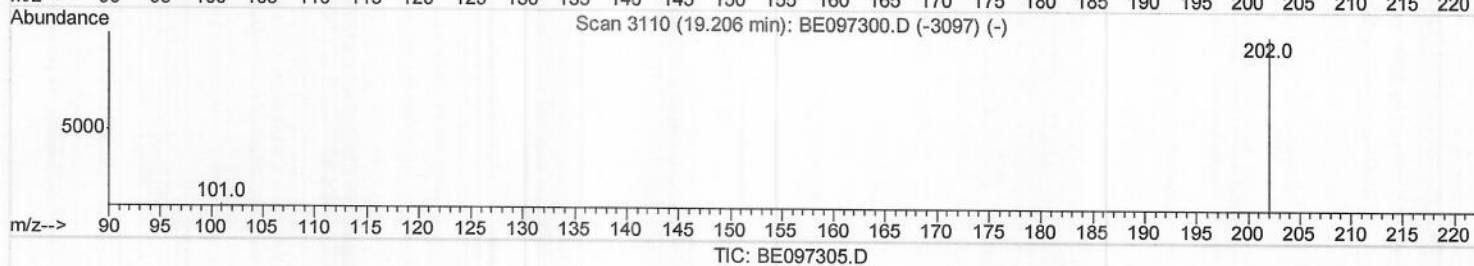
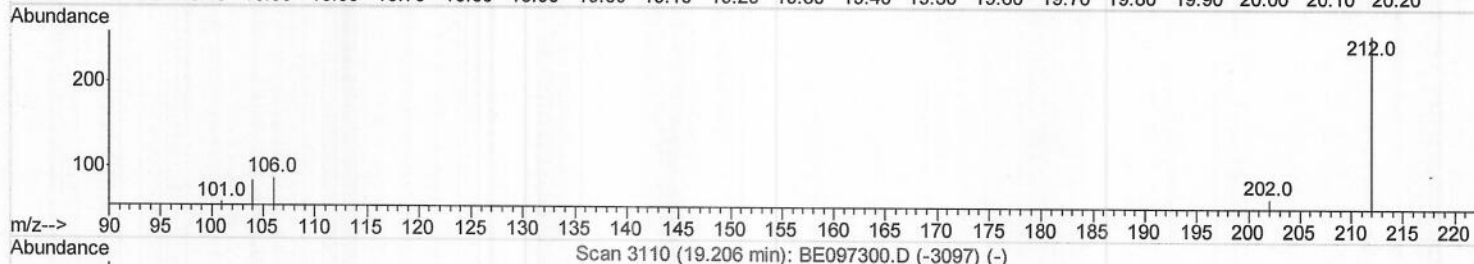
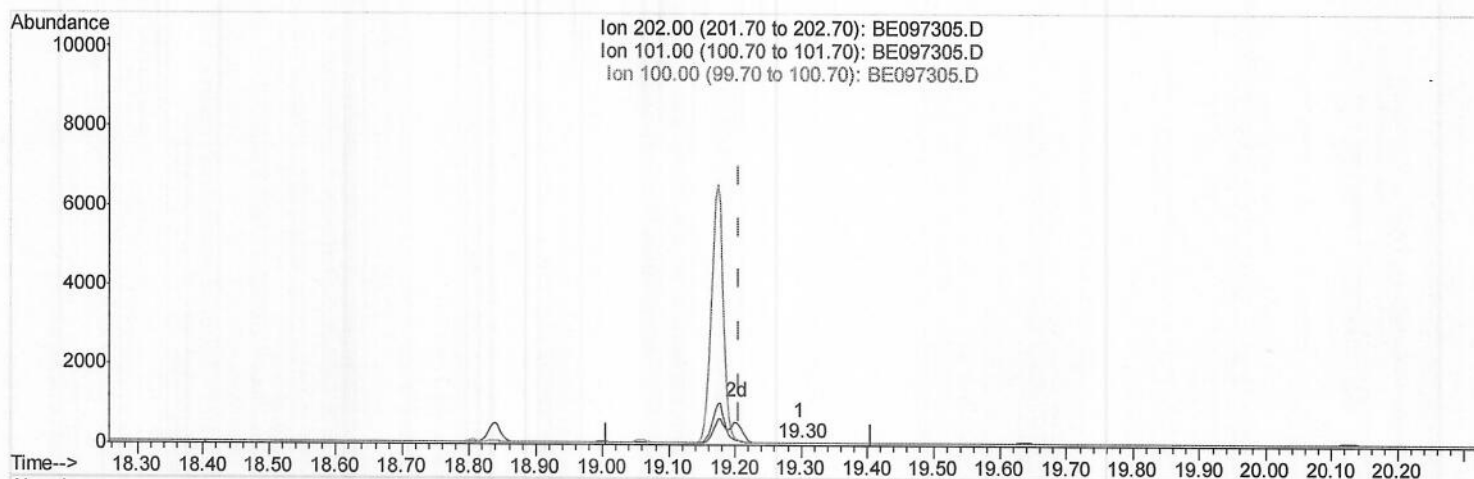
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:18:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
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(17) Pyrene

19.299min (+0.092) 0.00ng/ul

response 20

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	87.69#
100.00	19.50	81.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

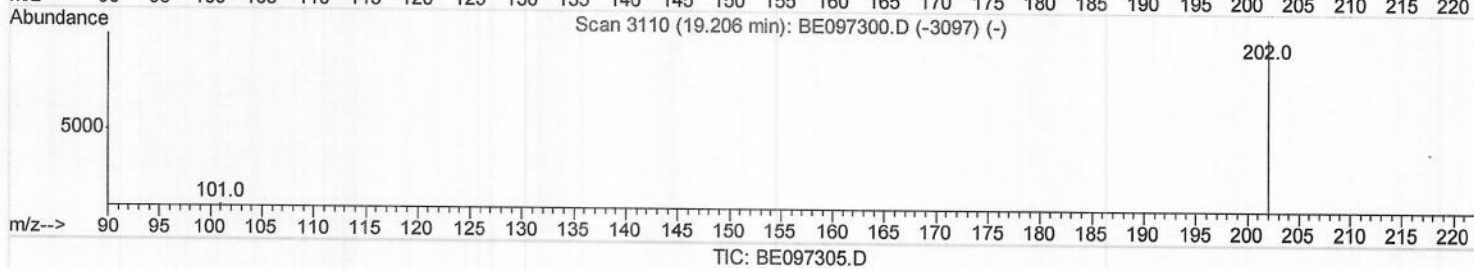
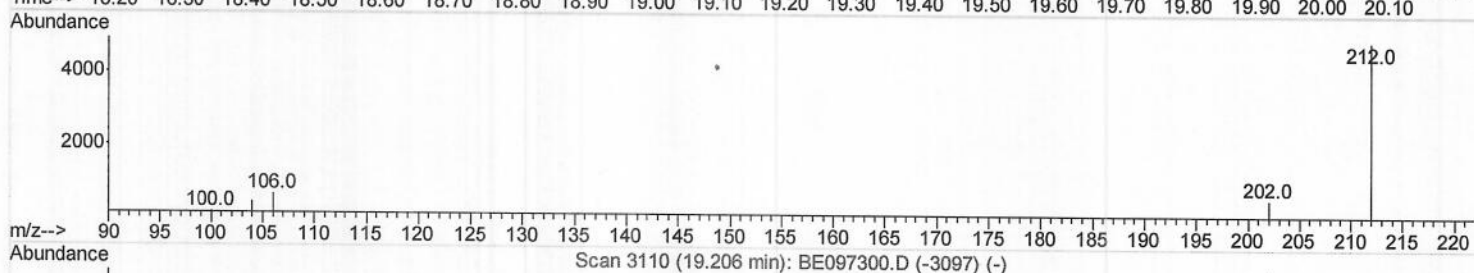
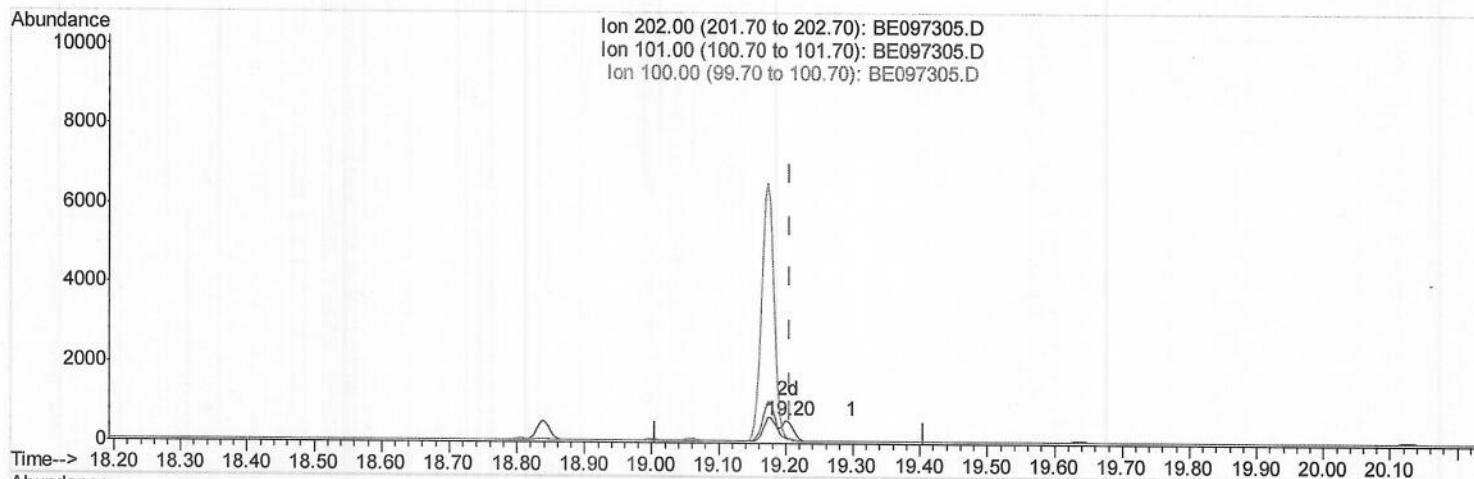
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097305.D
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Sample : J4424-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:18:00 2018
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(17) Pyrene

19.202min (-0.004) 0.03ng/ul m J558(22/18

response 573

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	21.97
100.00	19.50	26.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

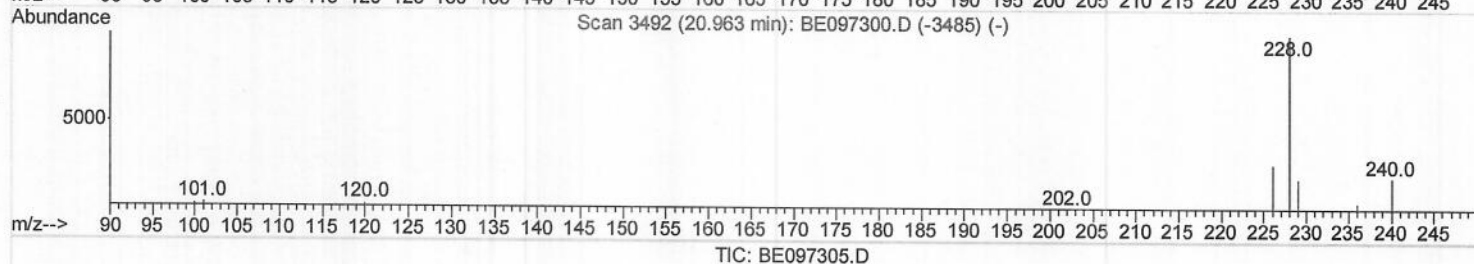
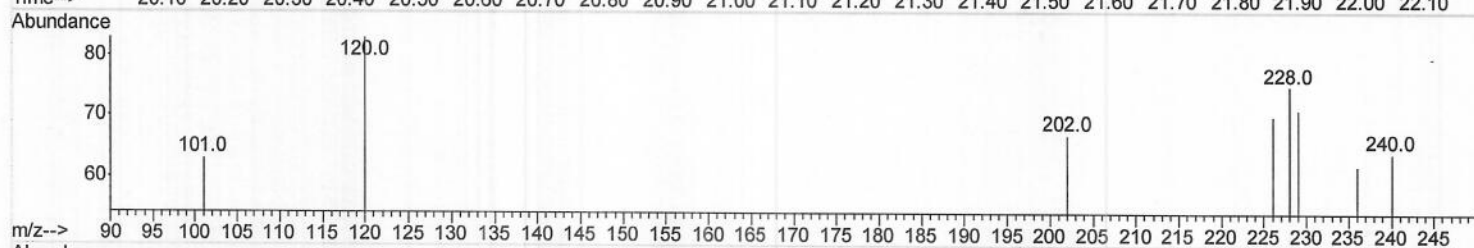
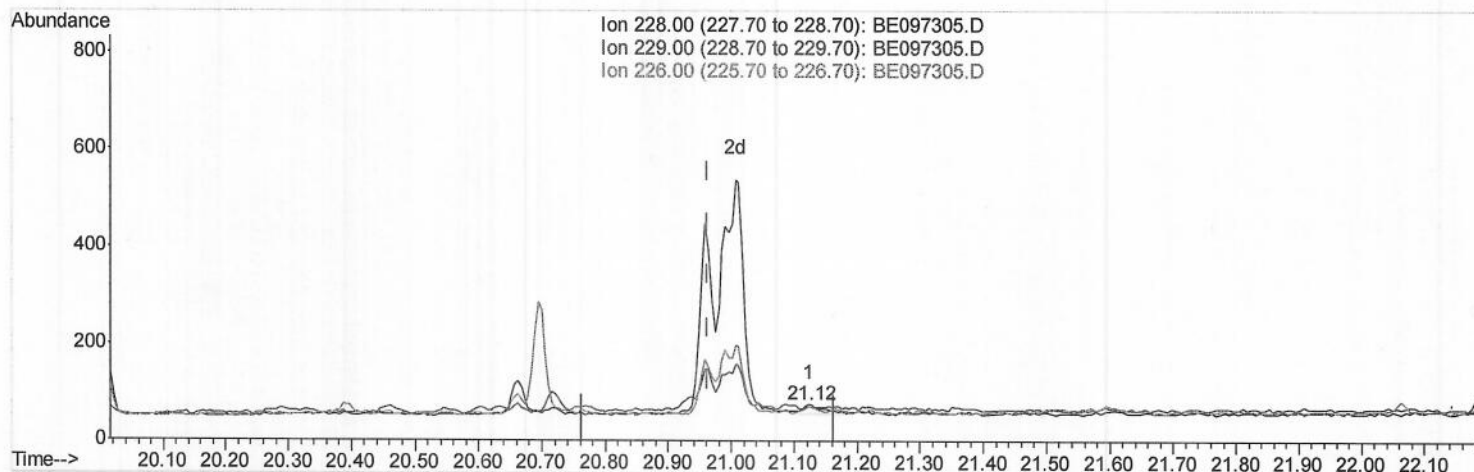
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TIC: BE097305.D

(18) Benzo(a)anthracene
 21.123min (+0.160) 0.00ng/ul
 response 45

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	94.67#
226.00	21.30	93.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

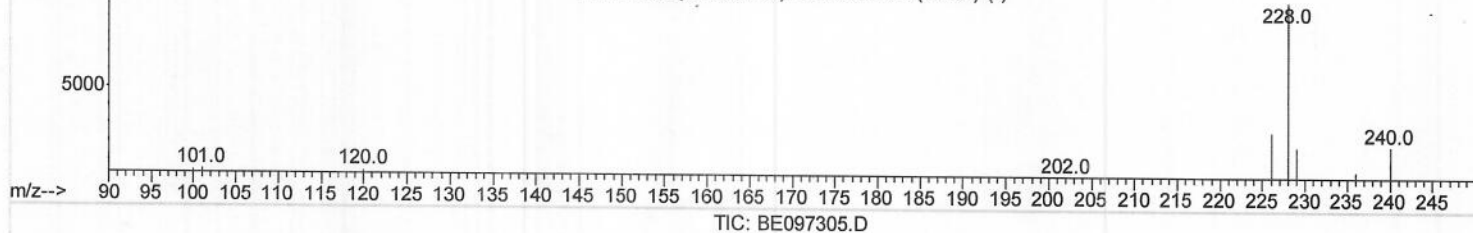
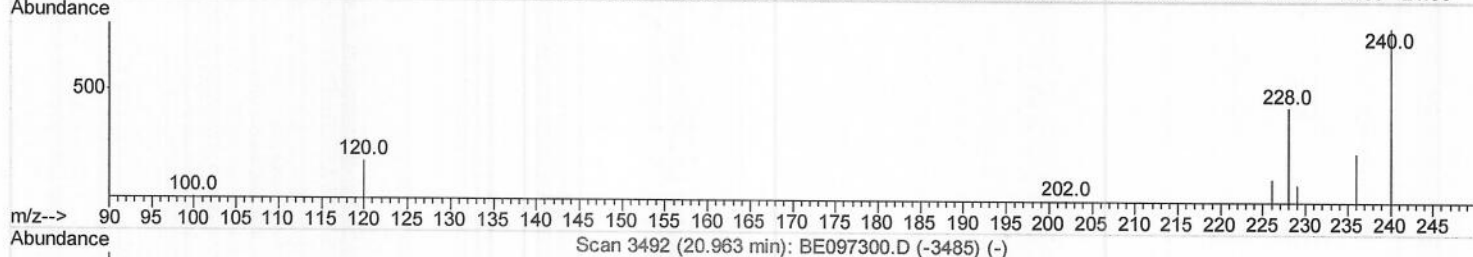
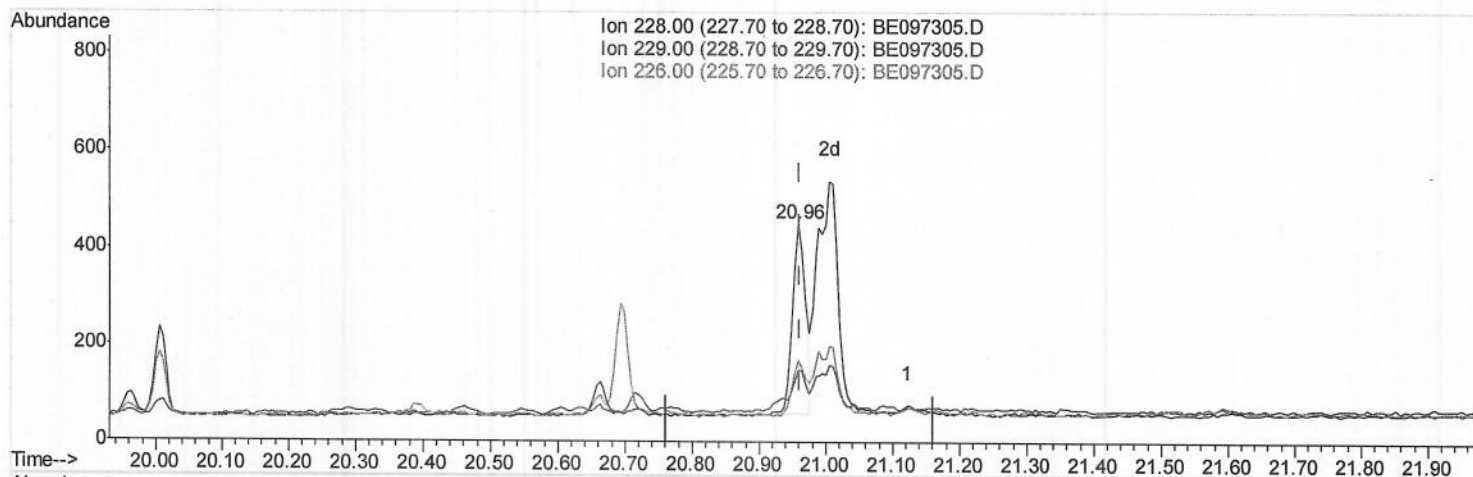
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(18) Benzo(a)anthracene

20.959min (-0.004) 0.03ng/ul m) SJ8/22118

response 530

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	32.96
226.00	21.30	37.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

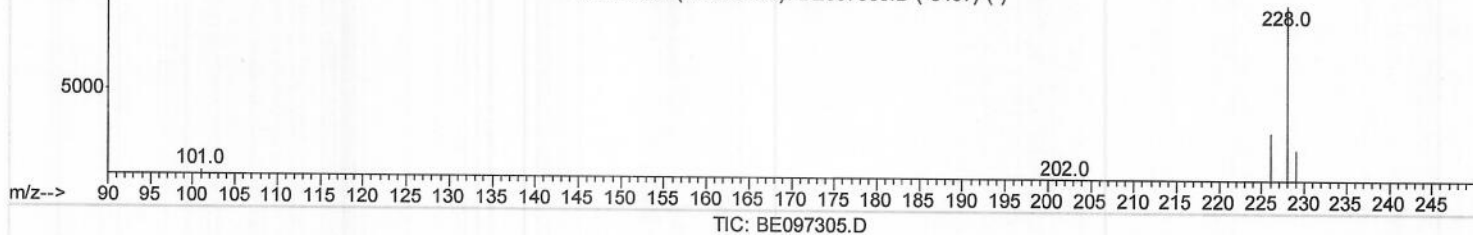
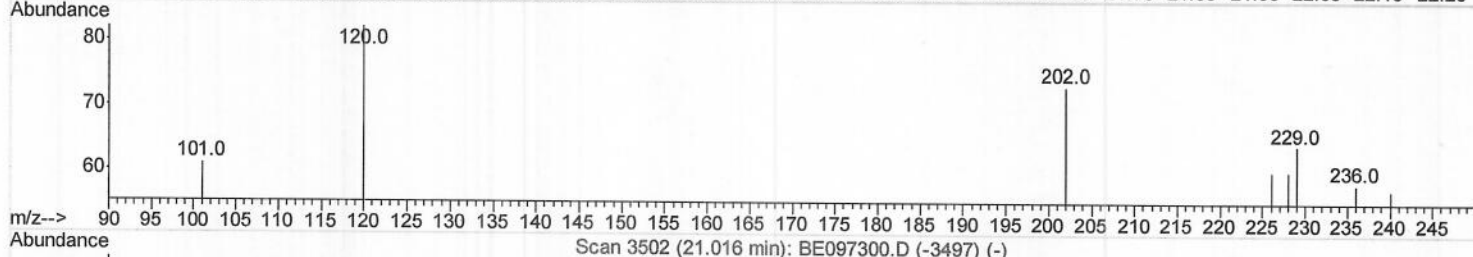
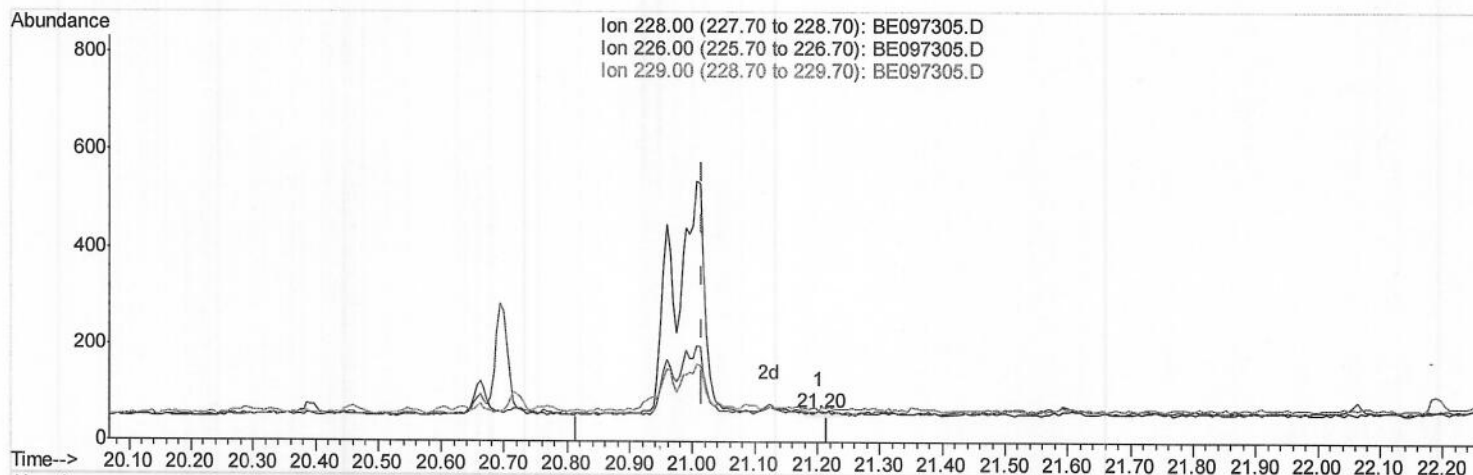
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(19) Chrysene

21.202min (+0.187) 0.00ng/ul

response 16

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	100.00#
229.00	22.10	106.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

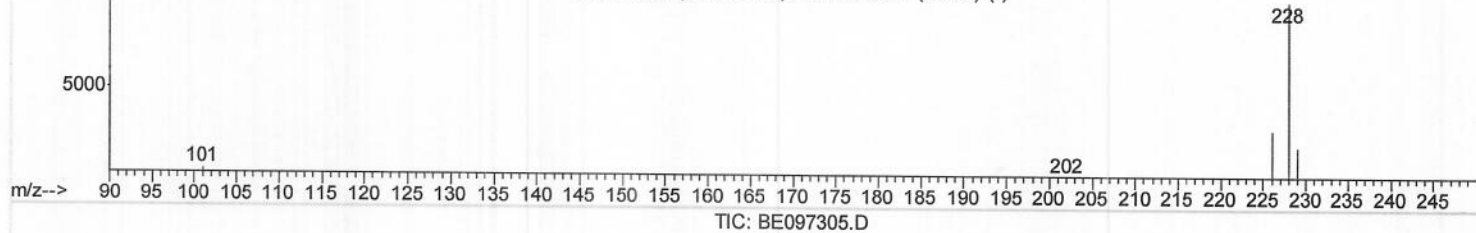
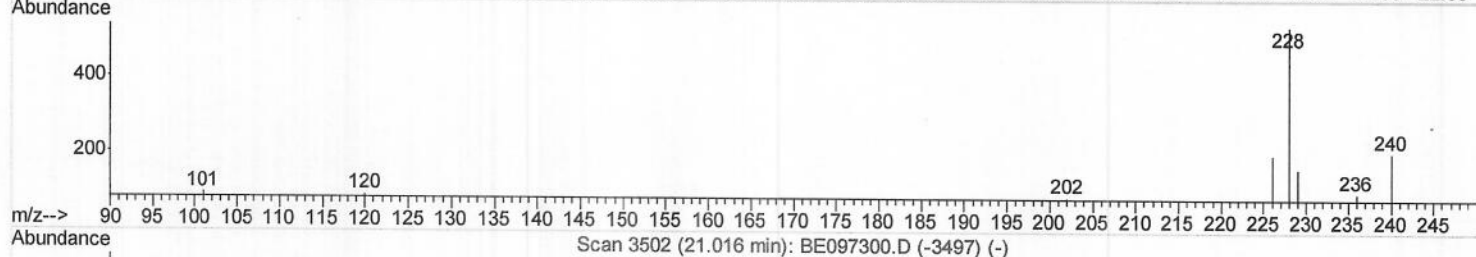
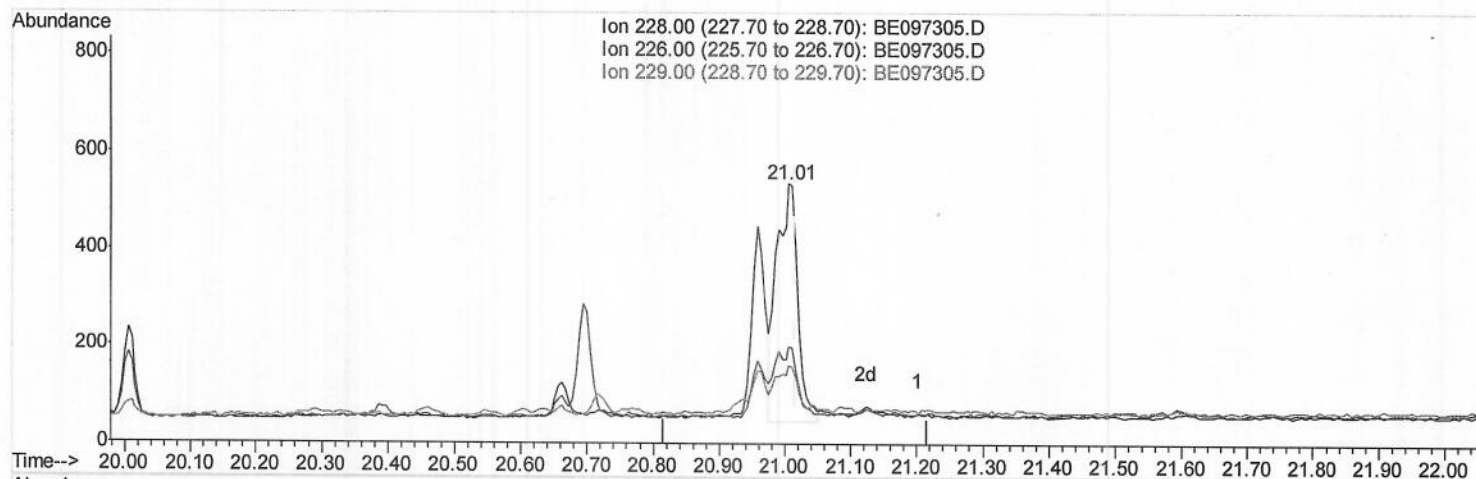
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 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 20 10:30:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(19) Chrysene

21.006min (-0.009) 0.05ng/ul m) SJ8/22/18

response 1111

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	36.94#
229.00	22.10	29.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

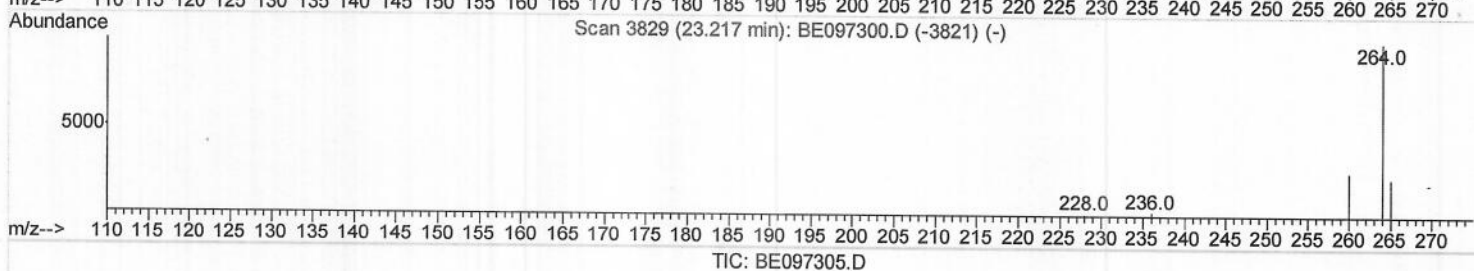
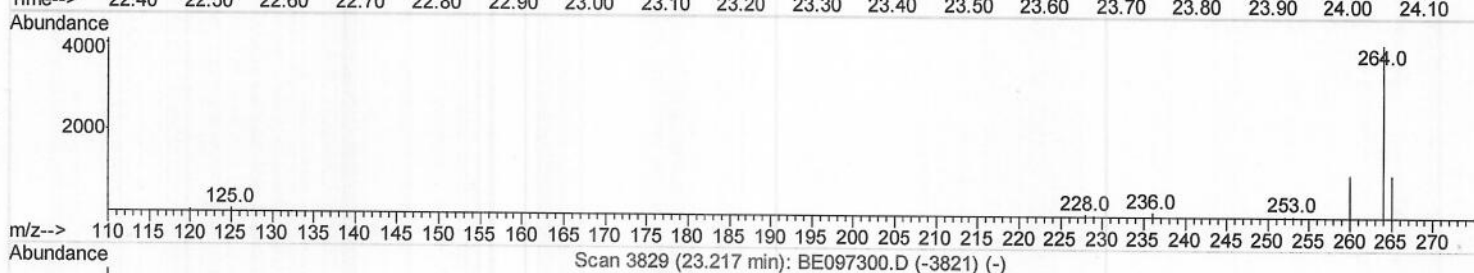
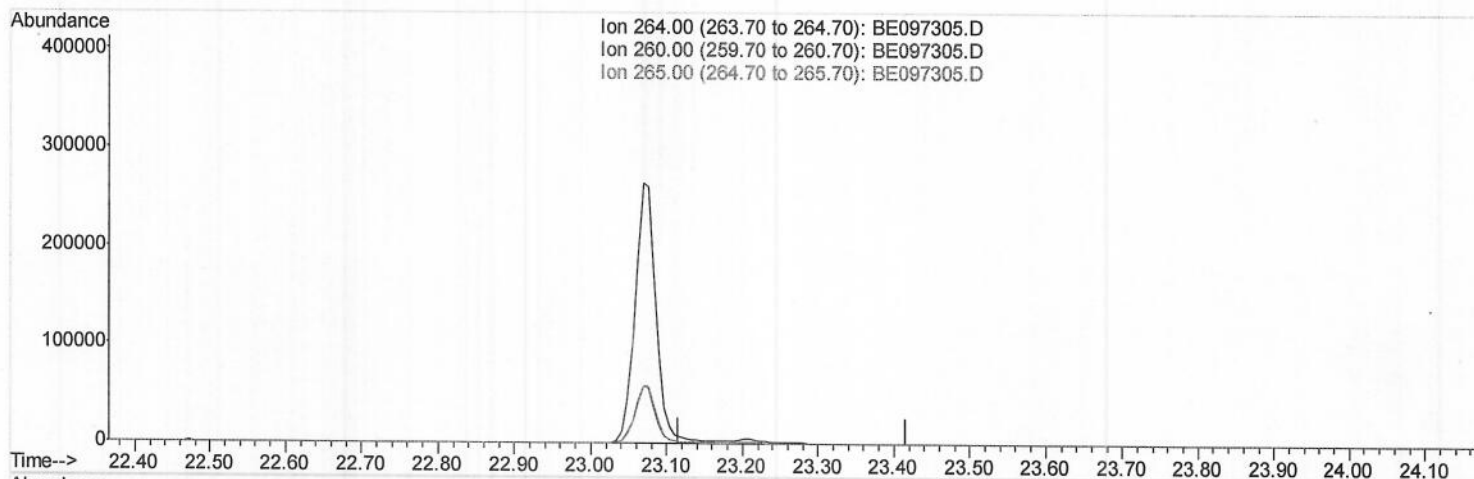
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:18:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.217min (-23.217) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	30.10	0.00#
265.00	103.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

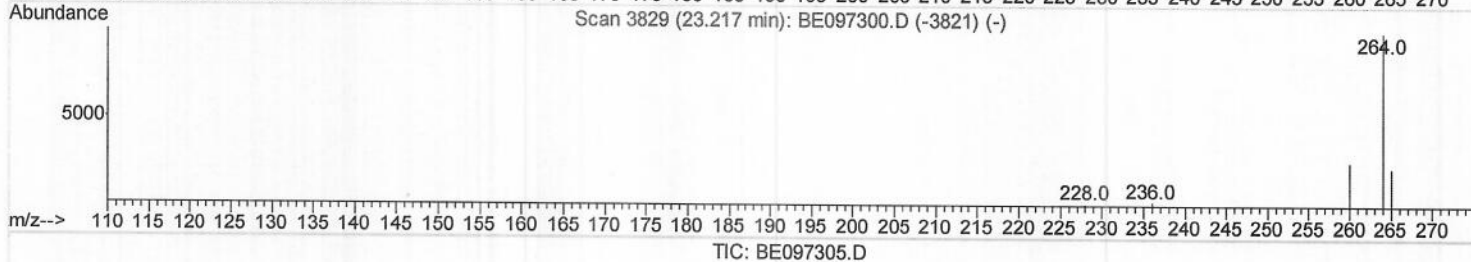
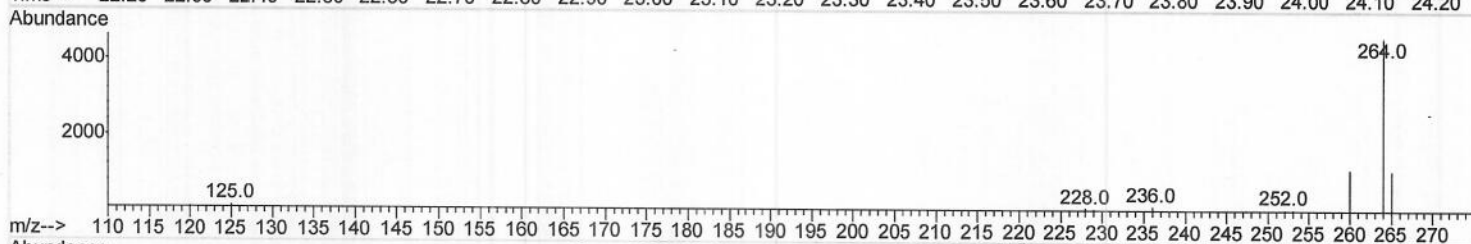
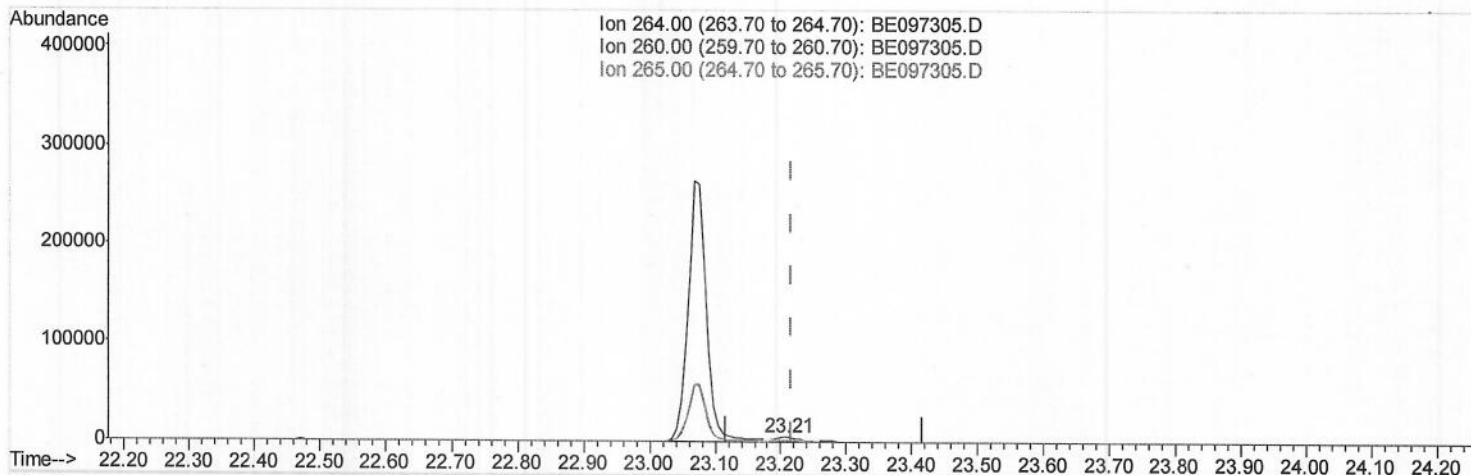
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:18:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



TIC: BE097305.D

(20) Perylene-d12 (I)

23.209min (-0.007) 0.40ng/ul m) SJ8/22118

response 6017

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.99
265.00	103.50	24.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

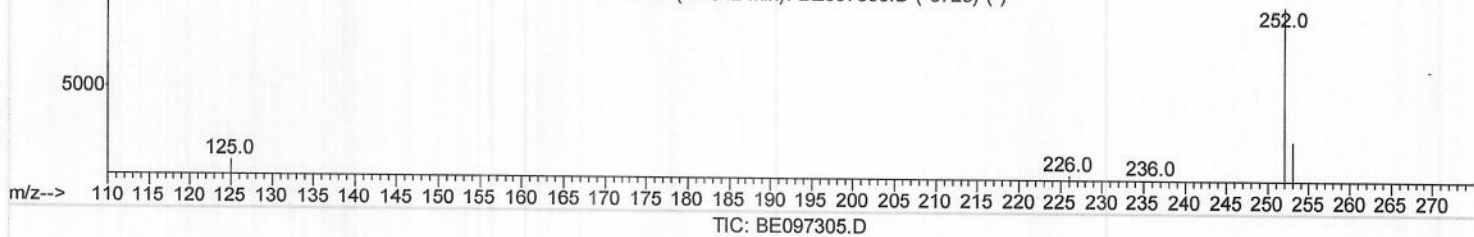
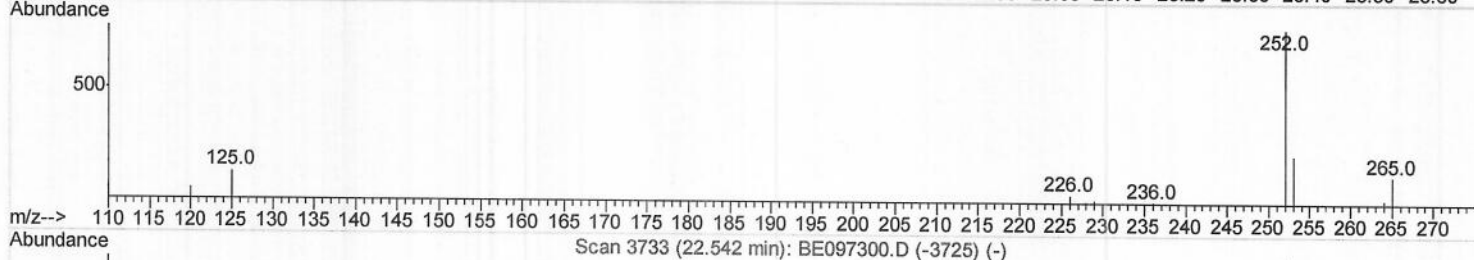
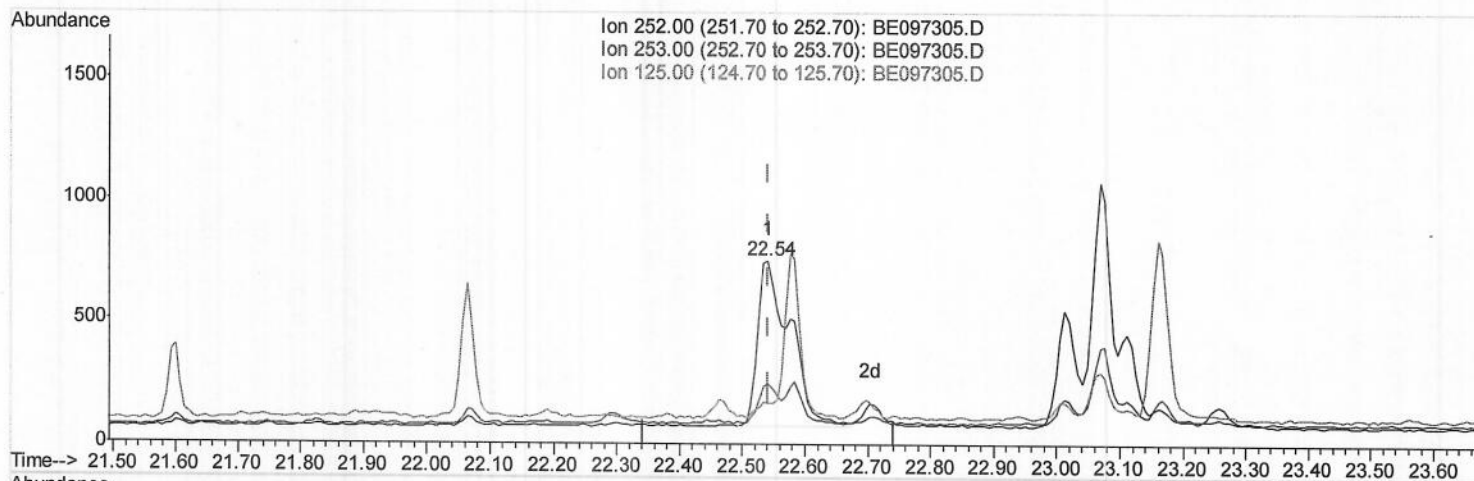
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:20:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.541min (-0.000) 0.15ng/ul

response 2428

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.80
125.00	17.50	22.22
0.00	0.00	0.00

Quantitation Report (Qedit)

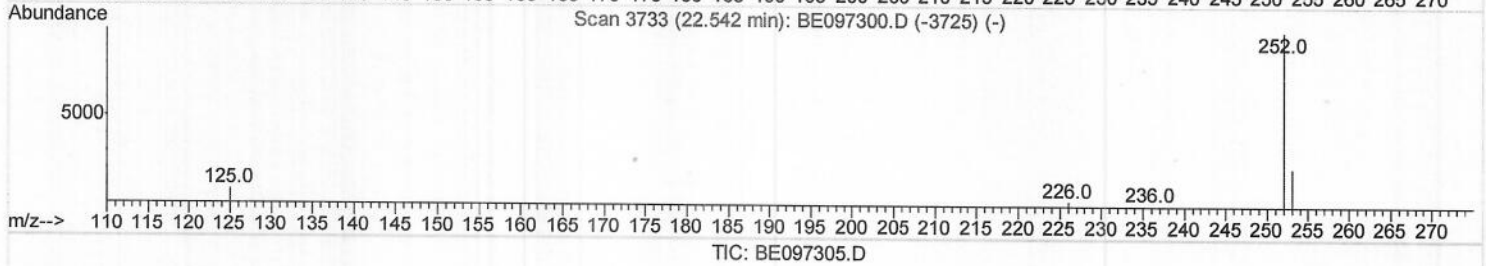
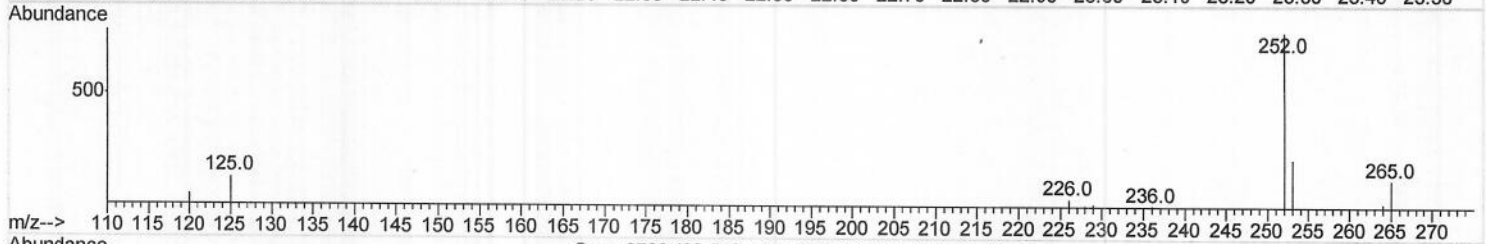
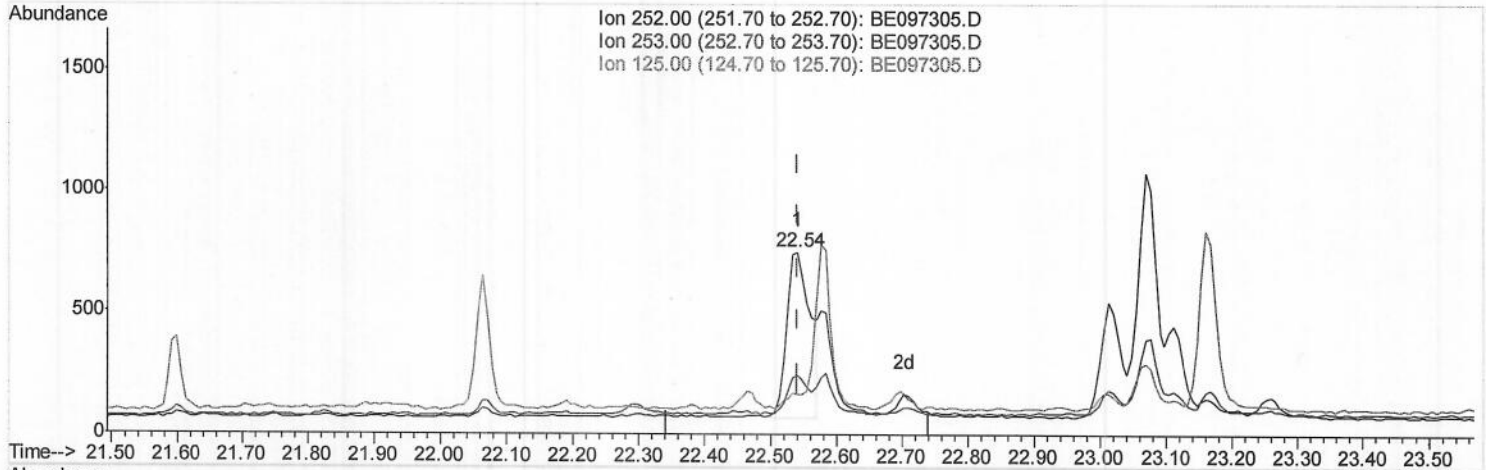
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:20:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.541min (-0.000) 0.11ng/ul m) SJ 8/22/18

response 1714

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.80
125.00	17.50	22.22
0.00	0.00	0.00

Quantitation Report (Qedit)

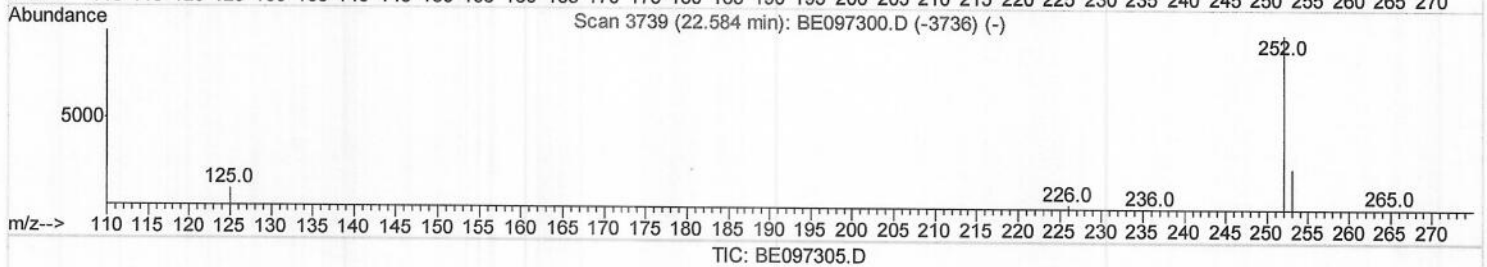
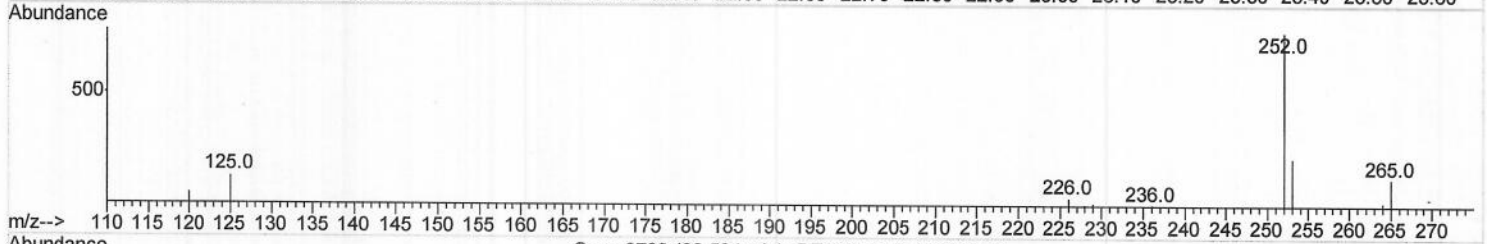
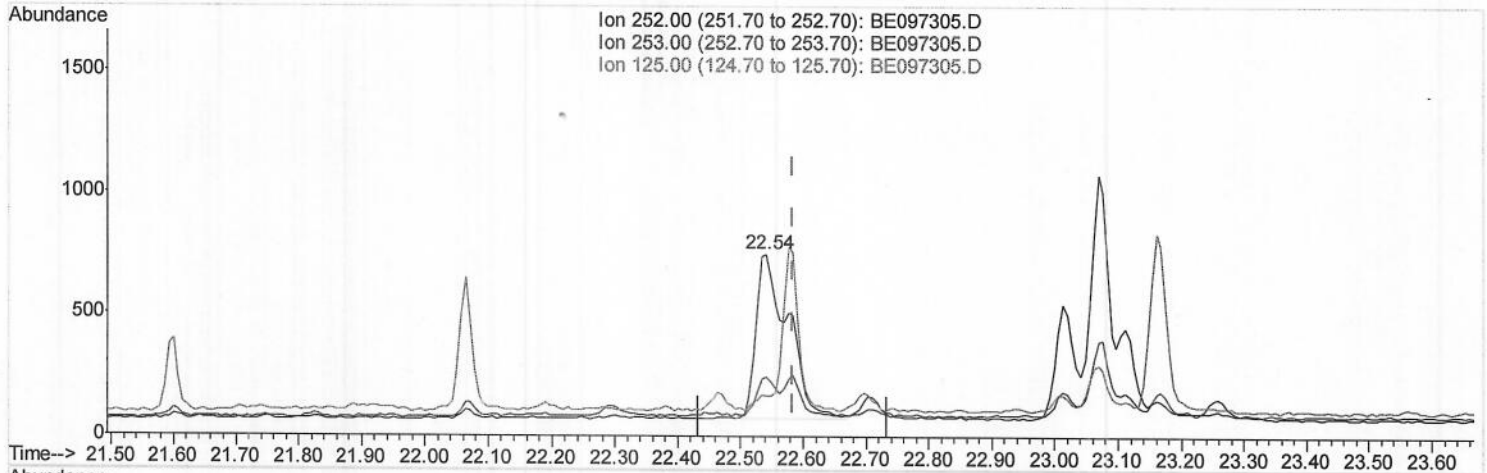
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:20:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.541min (-0.042) 0.12ng/ul

response 2428

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.80
125.00	17.10	22.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

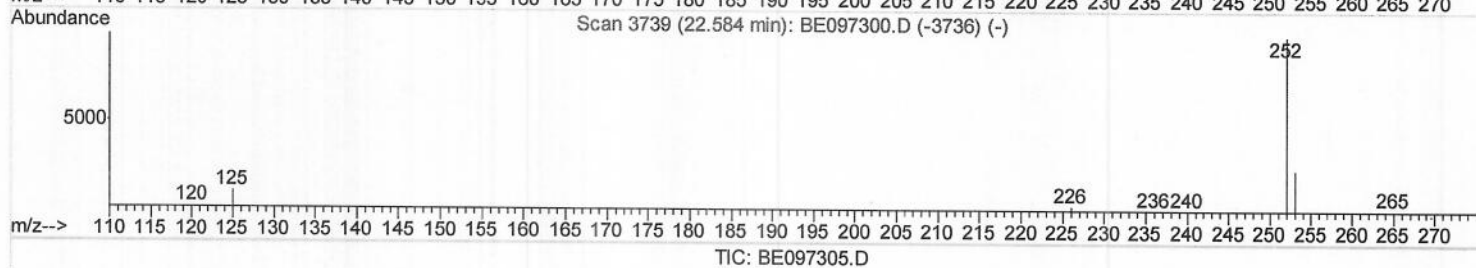
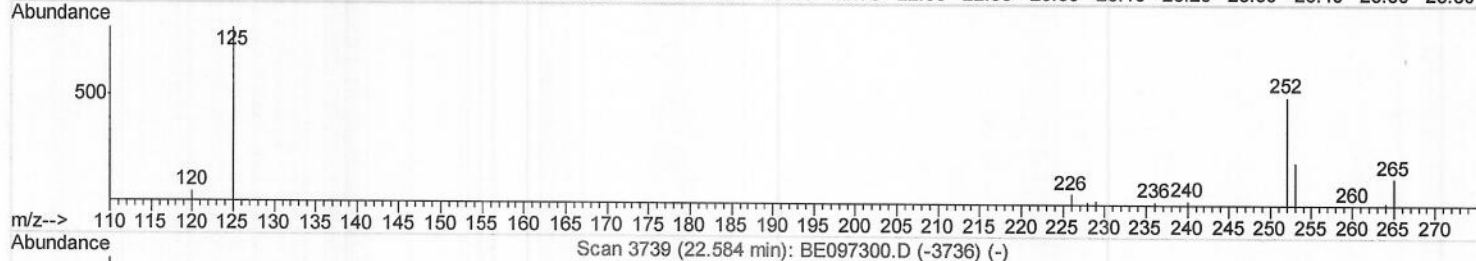
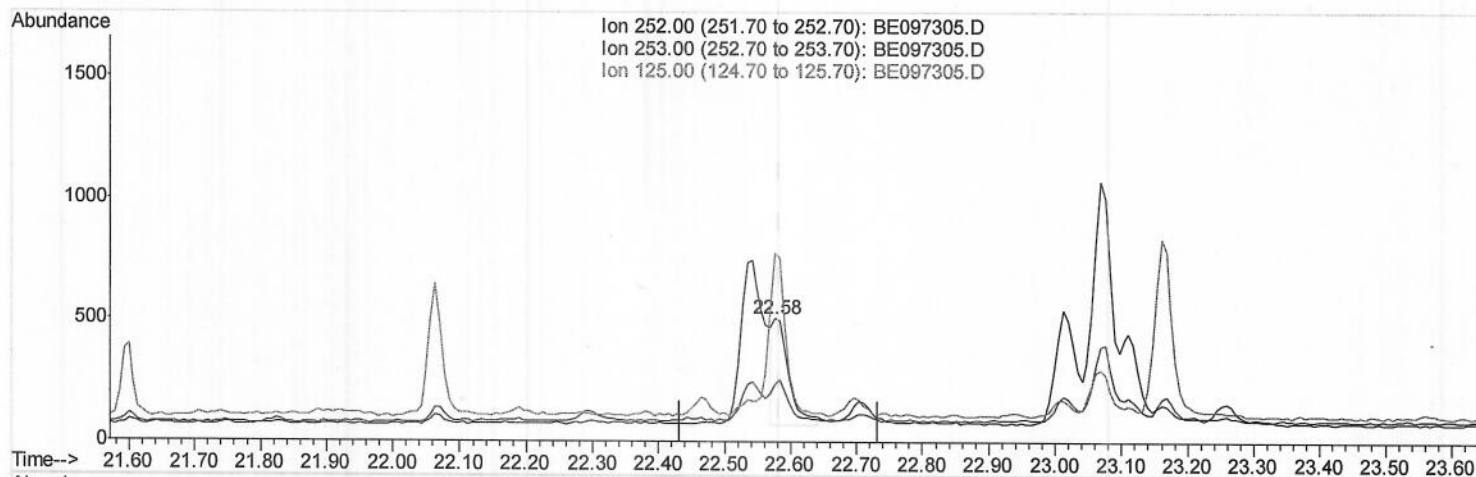
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 20 10:30:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (-0.007) 0.04ng/ul m) SJ8(22118

response 723

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	45.85#
125.00	17.10	153.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

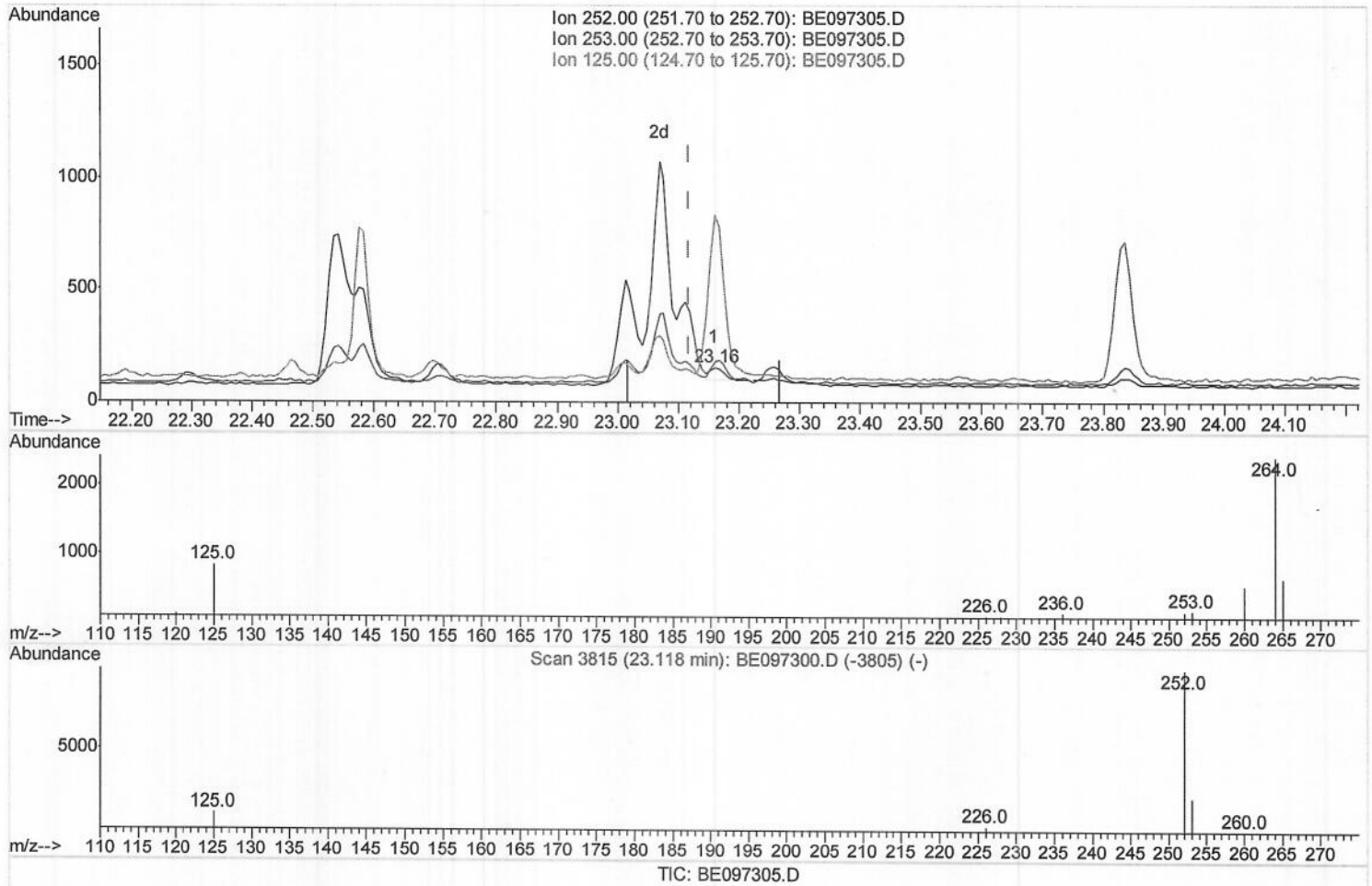
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:22:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 23.160min (+0.042) 0.01ng/ul
 response 100

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	116.34#
125.00	22.60	544.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

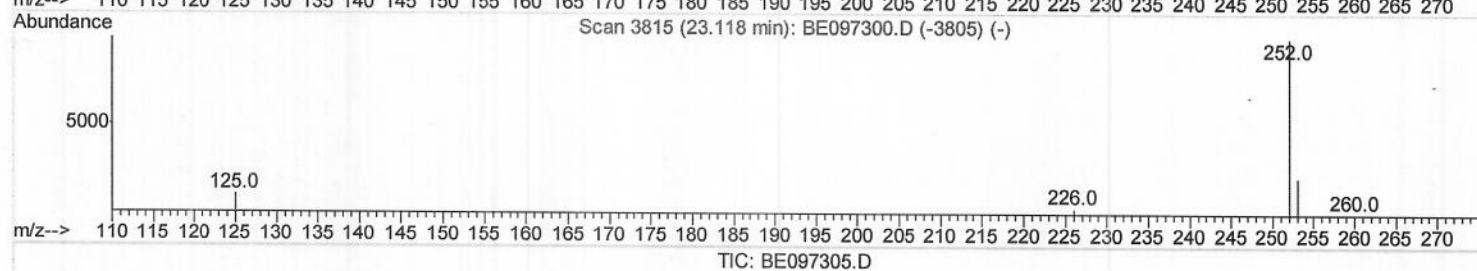
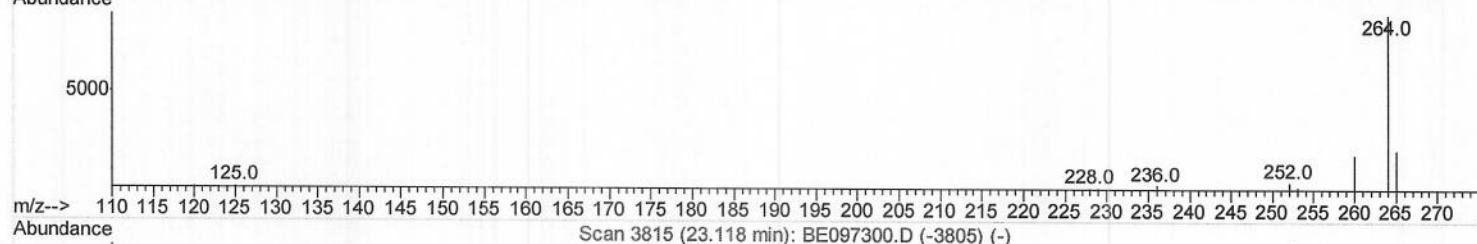
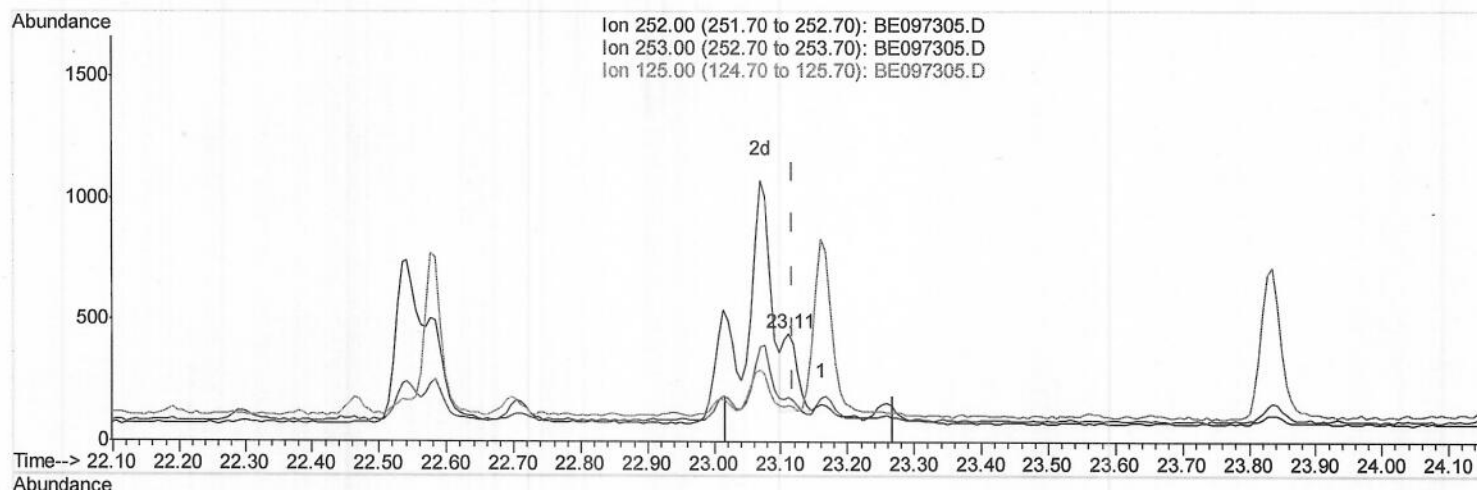
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 18 00:22:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.111min (-0.007) 0.03ng/ul m) 558/22118

response 484

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.13
125.00	22.60	32.51#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
 Data File : BE097305.D
 Acq On : 17 Aug 2018 20:21
 Operator : SJ/JU
 Sample : J4424-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z58

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:15:33 PM

Quant Time: Aug 20 10:30:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 23:33:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1132	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	5847	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3237	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	7478m)	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	6932m)	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	6017m)	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2318	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5501m)	0.27	ng/ul	0.00
Target Compounds						
15) Fluoranthene	18.84	202	659m)	0.032	ng/ul	
17) Pyrene	19.20	202	573m)	0.027	ng/ul	
18) Benzo(a)anthracene	20.96	228	530m)	0.031	ng/ul	
19) Chrysene	21.01	228	1111m)	0.054	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	1714m)	0.105	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	723m)	0.036	ng/ul	
23) Benzo(a)pyrene	23.11	252	484m)	0.032	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	748	0.040	ng/ul#	88
26) Benzo(g,h,i)perylene	26.21	276	785	0.052	ng/ul#	74

SJ8/22/18

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