

Quantitation Report (QT Reviewed)

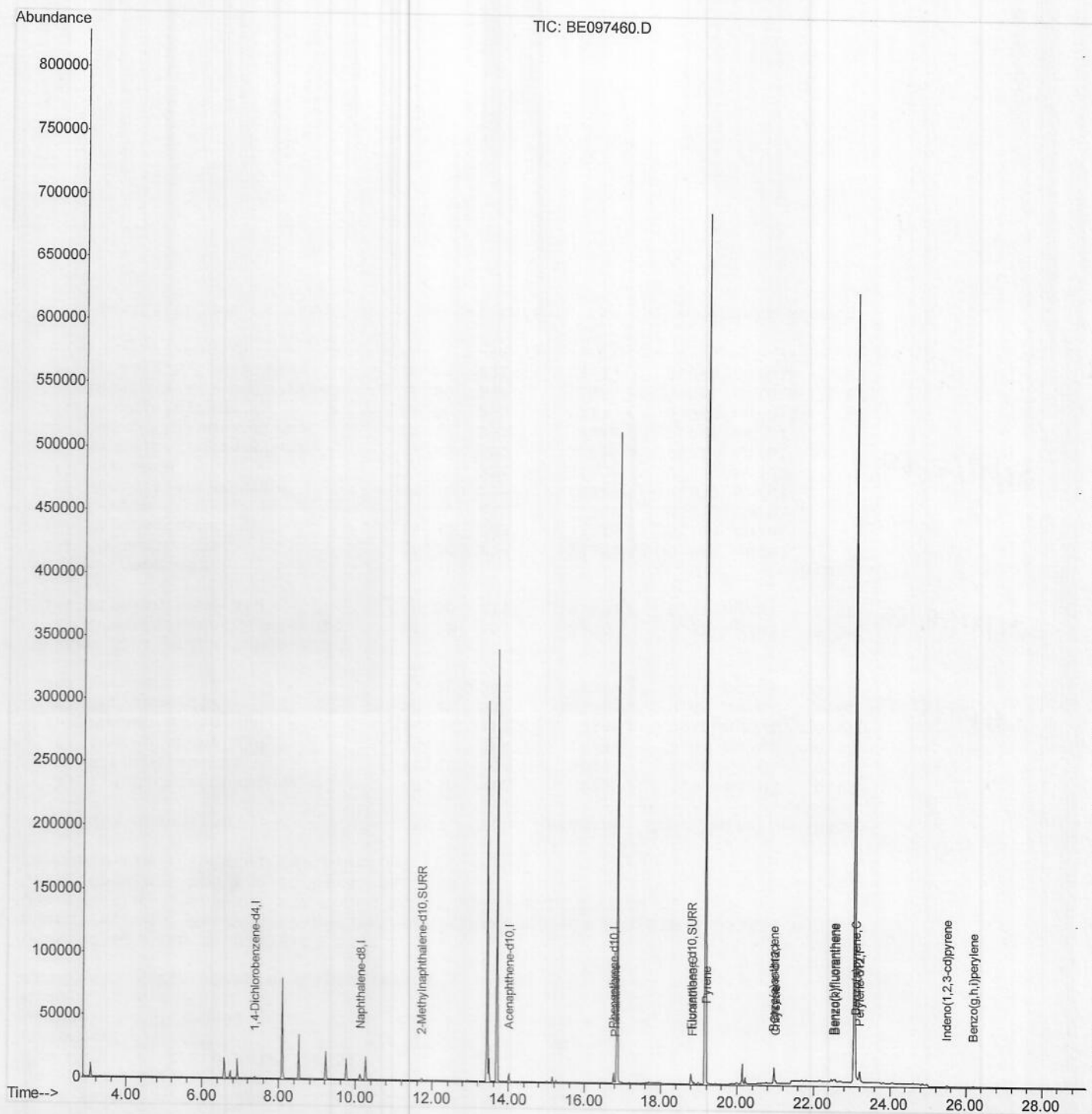
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:35:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

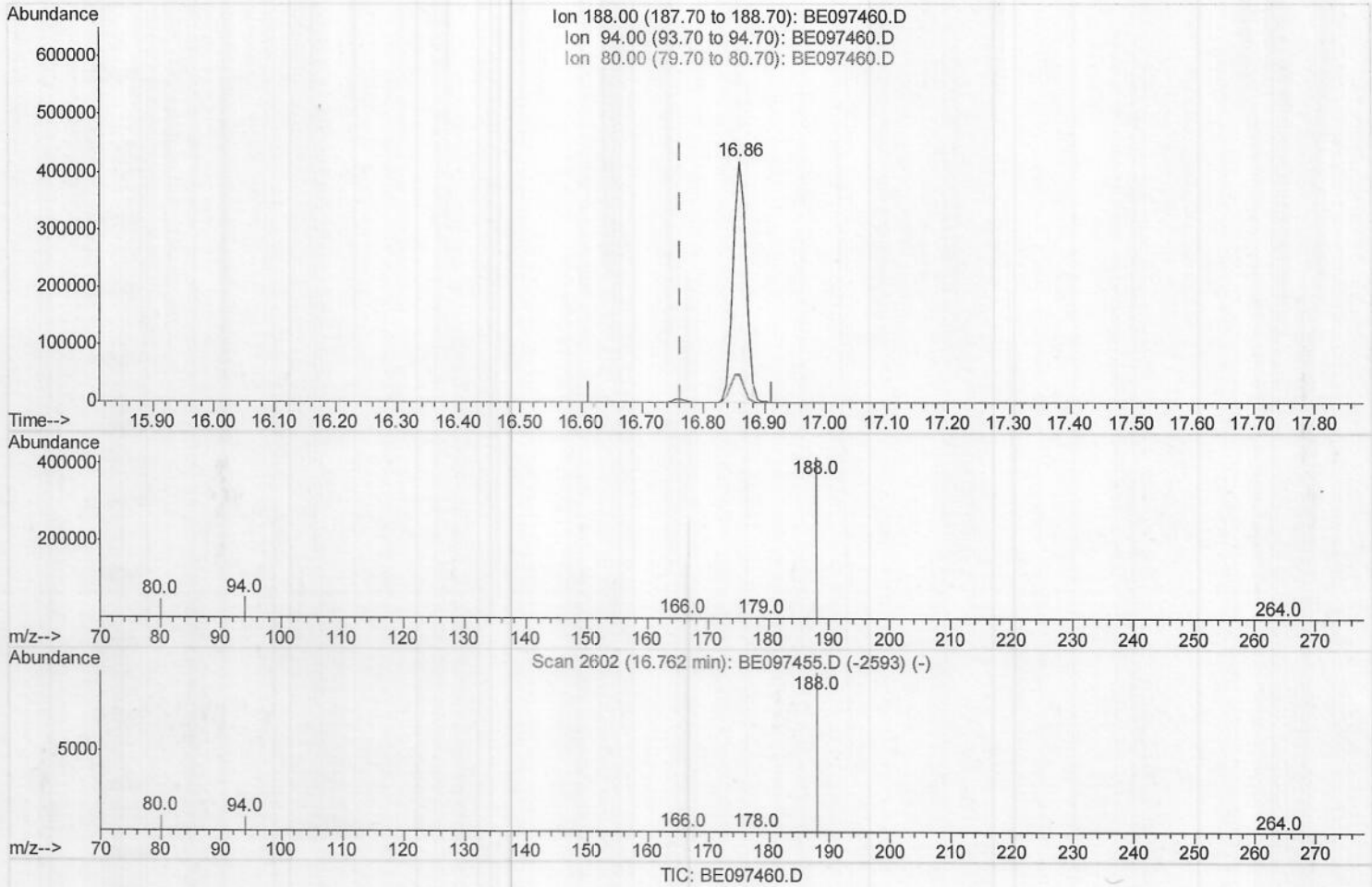
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
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Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 01:53:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(10) Phenanthrene-d10 (I)

16.859min (+0.097) 0.40ng/ul

response 599366

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.04
80.00	11.80	10.97
0.00	0.00	0.00

Quantitation Report (Qedit)

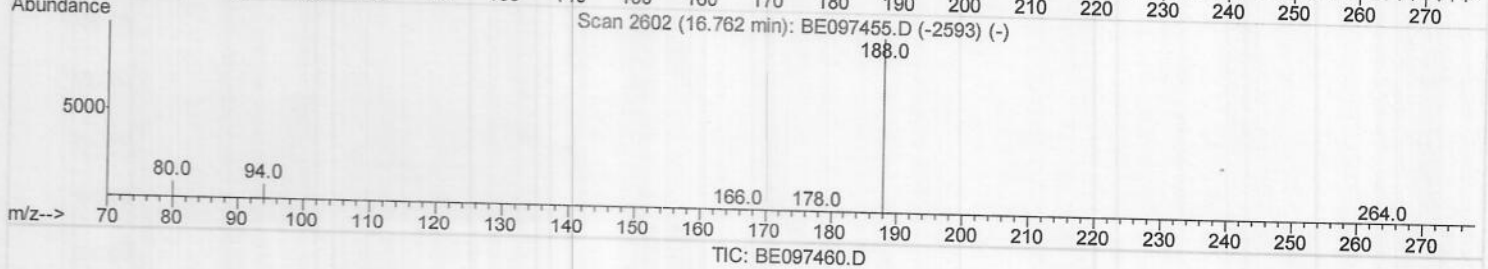
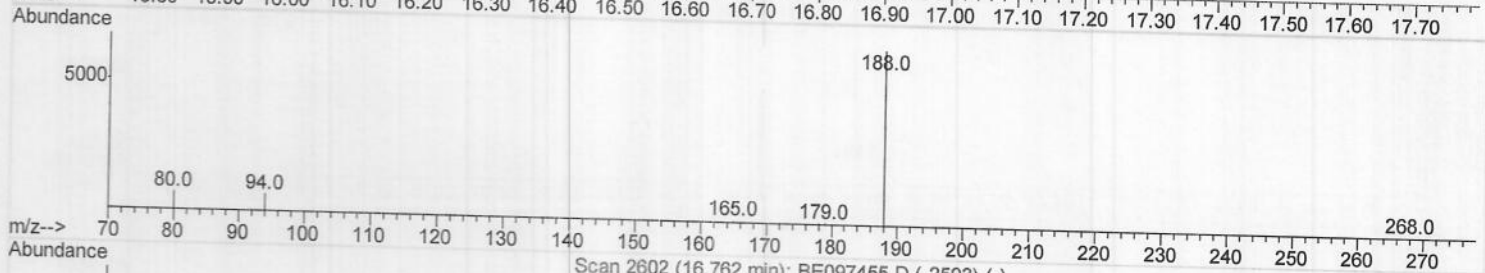
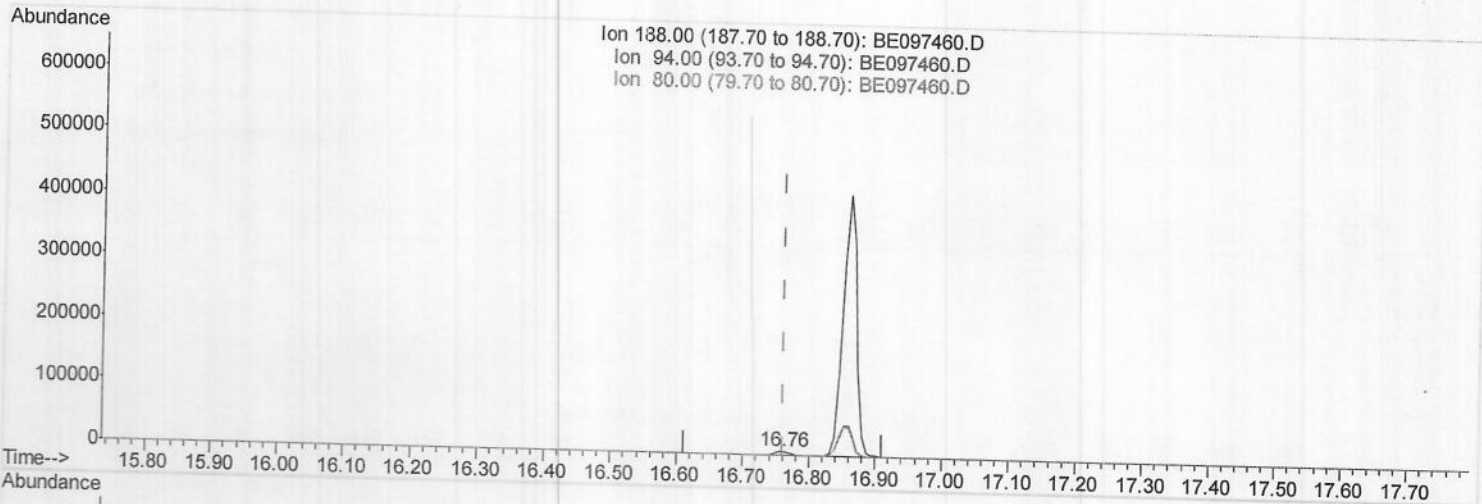
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(10) Phenanthrene-d10 (I)

16.761min (-0.001) 0.40ng/ul m) SJ 9/22/18

response 9044

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.97
80.00	11.80	10.61
0.00	0.00	0.00

Quantitation Report (Qedit)

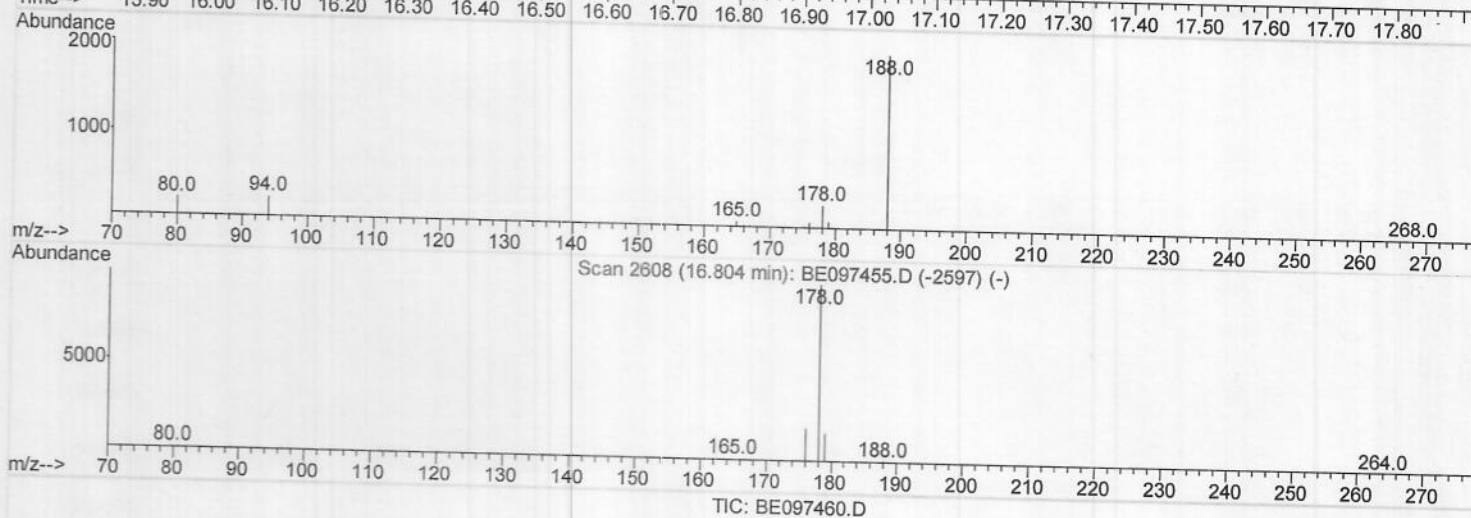
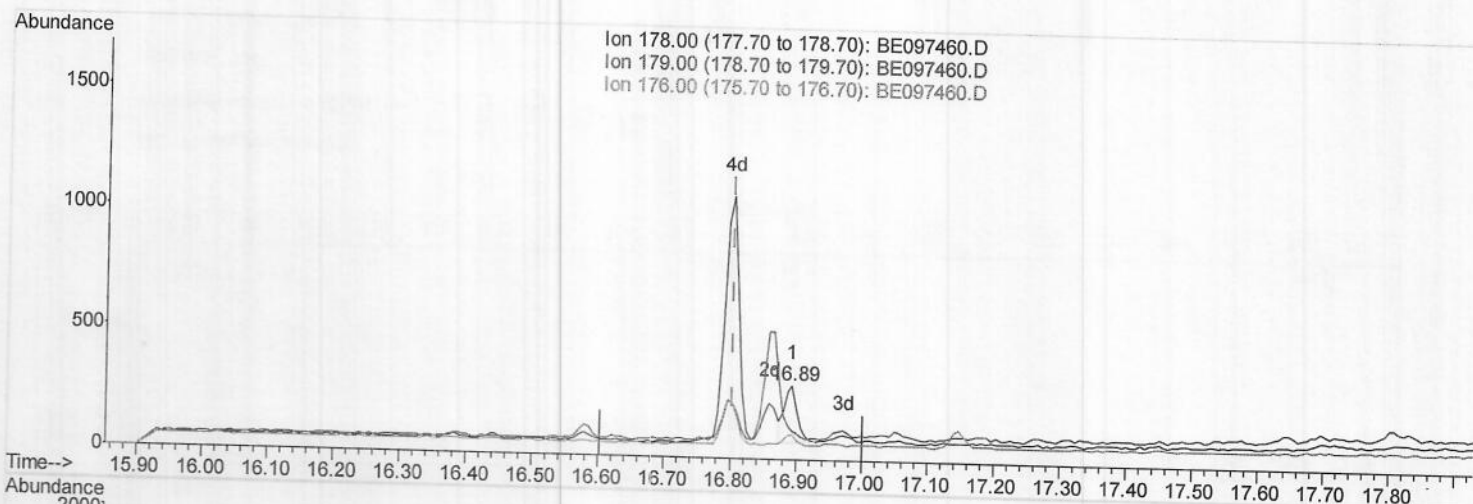
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(12) Phenanthrene

16.894min (+0.090) 0.01ng/ul

response 330

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	38.76#
176.00	17.00	33.55#
0.00	0.00	0.00

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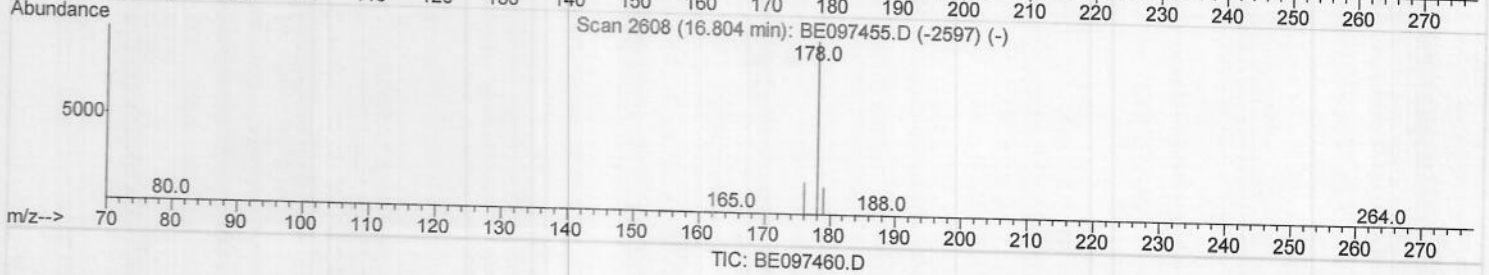
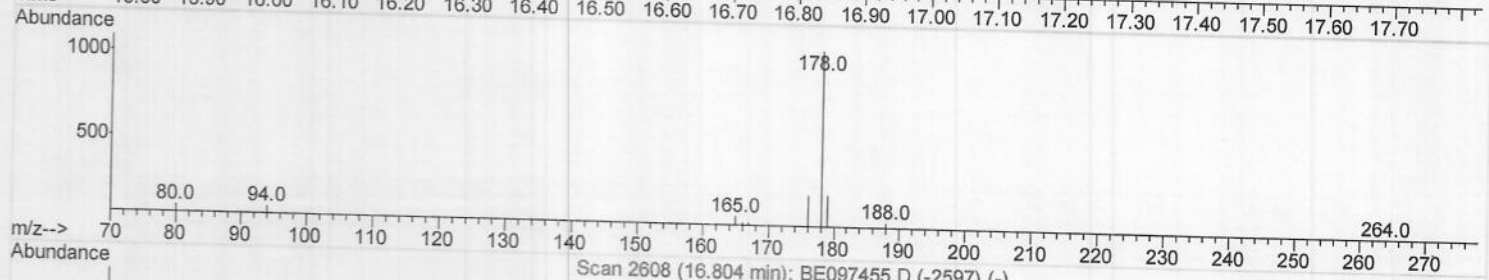
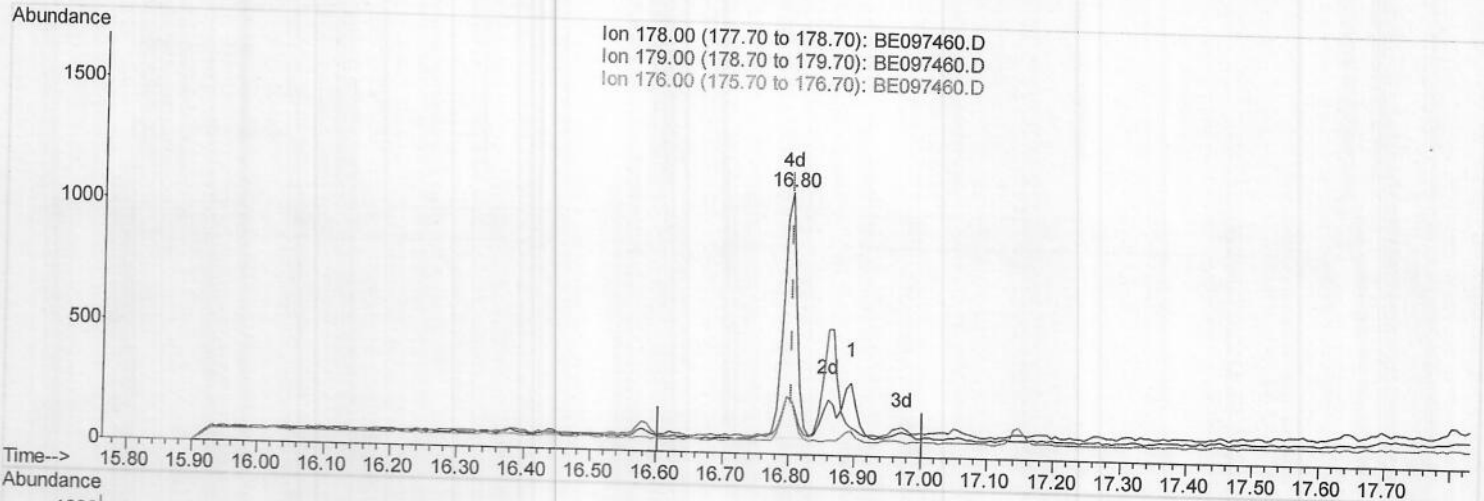
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(12) Phenanthrene

16.803min (-0.001) 0.06ng/ul m) SJ9/22/18

response 1428

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	21.53
176.00	17.00	21.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

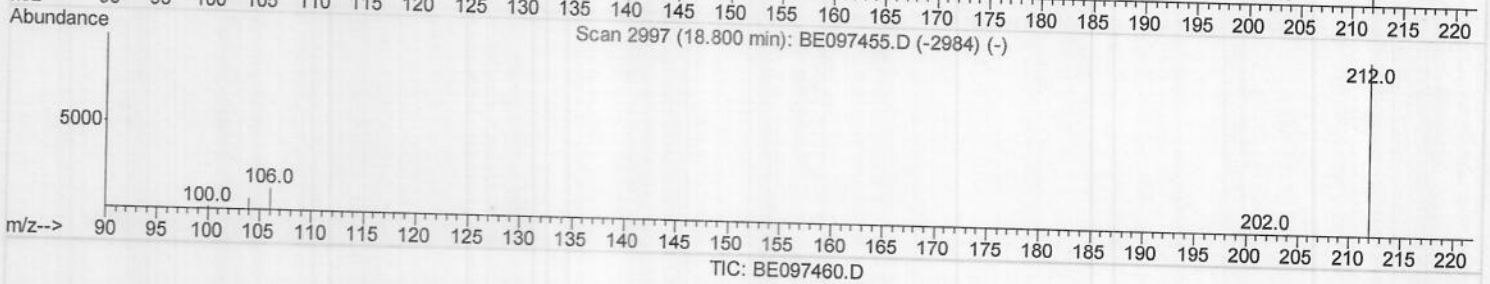
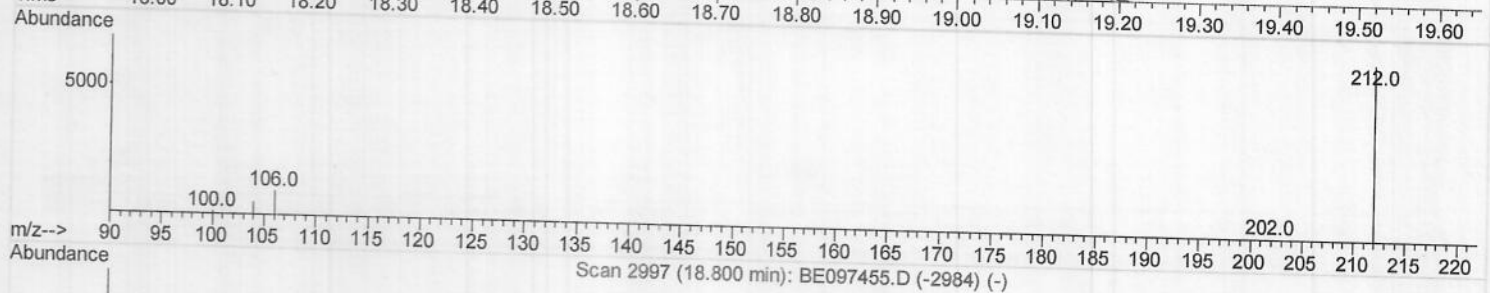
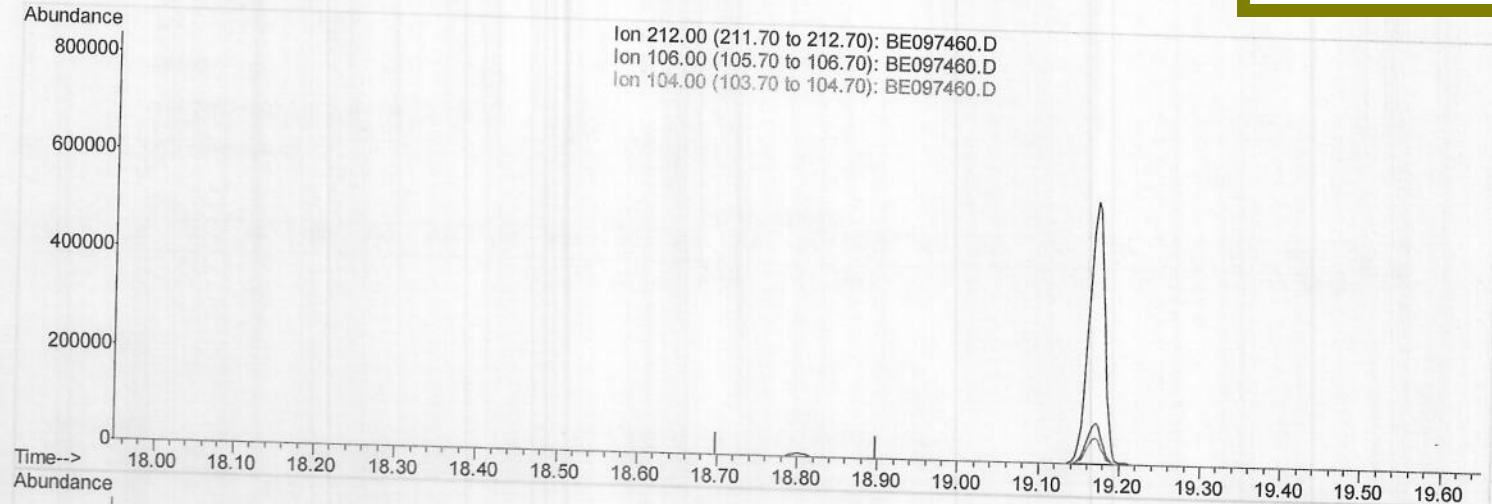
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(14) Fluoranthene-d10 (SURR)

18.800min (-18.800) 0.00ng/ul

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)

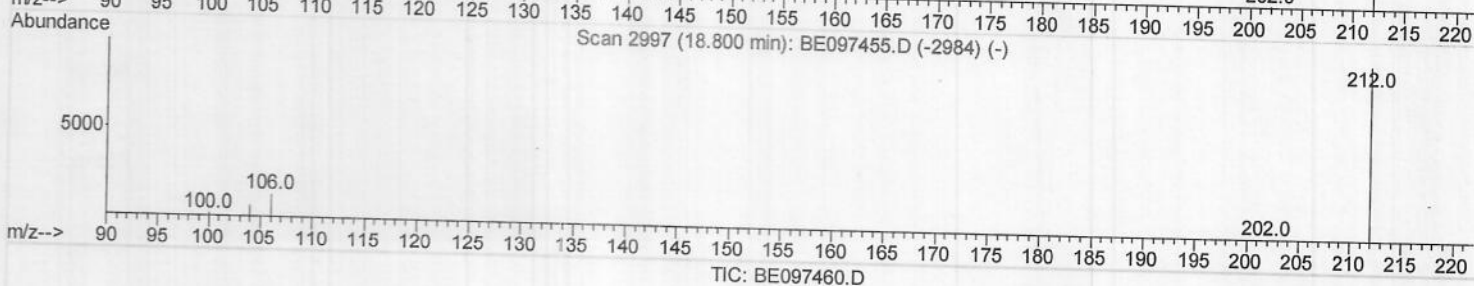
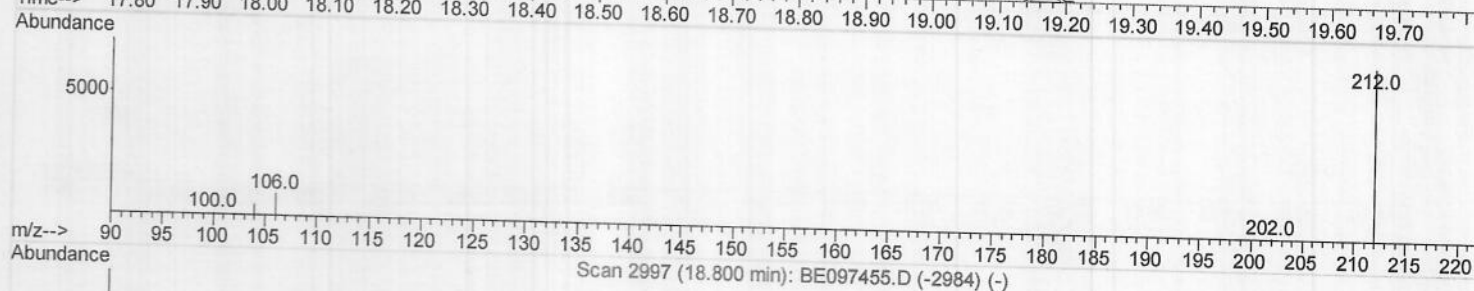
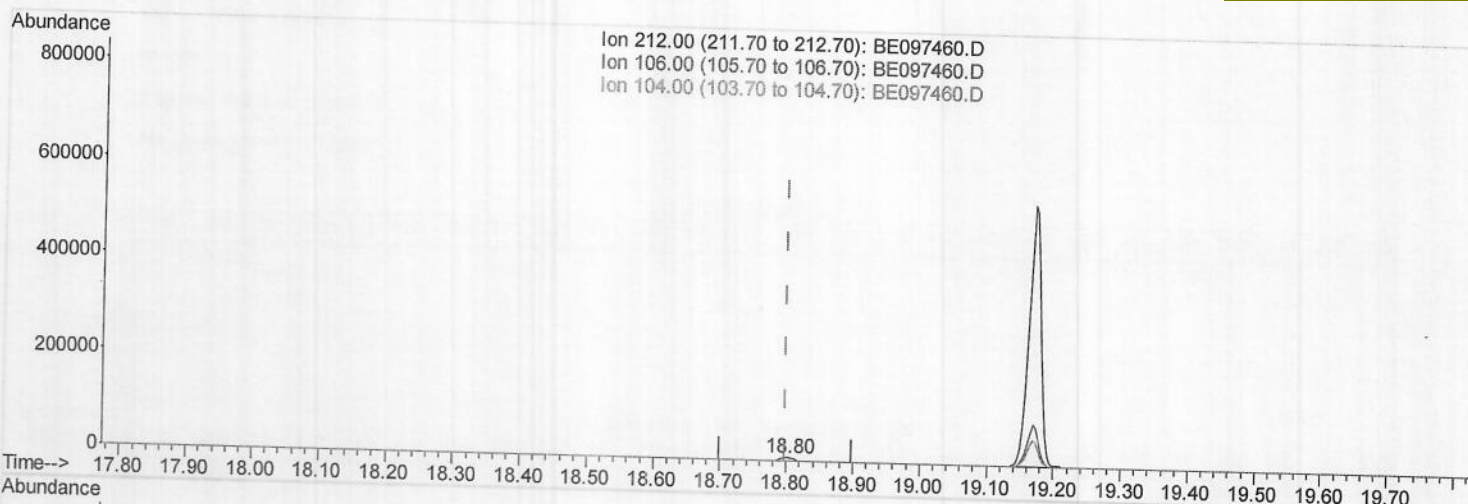
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.802min (+0.003) 0.31ng/ul m) SJ 9/22/18

response 9180

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)

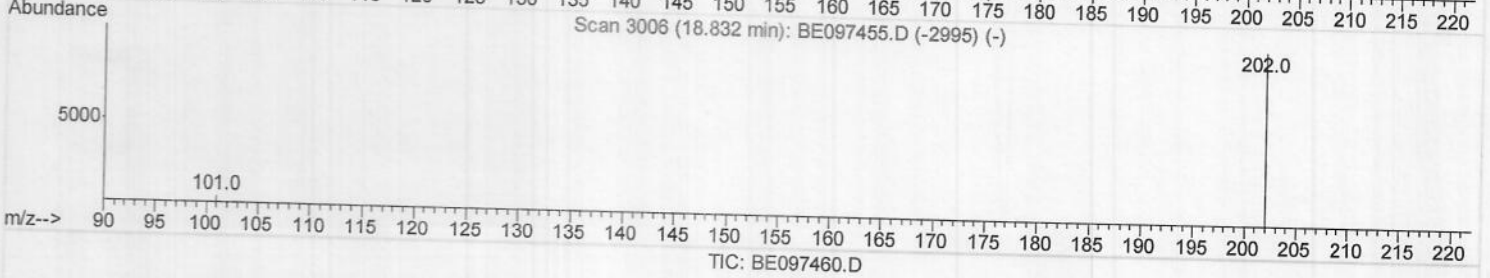
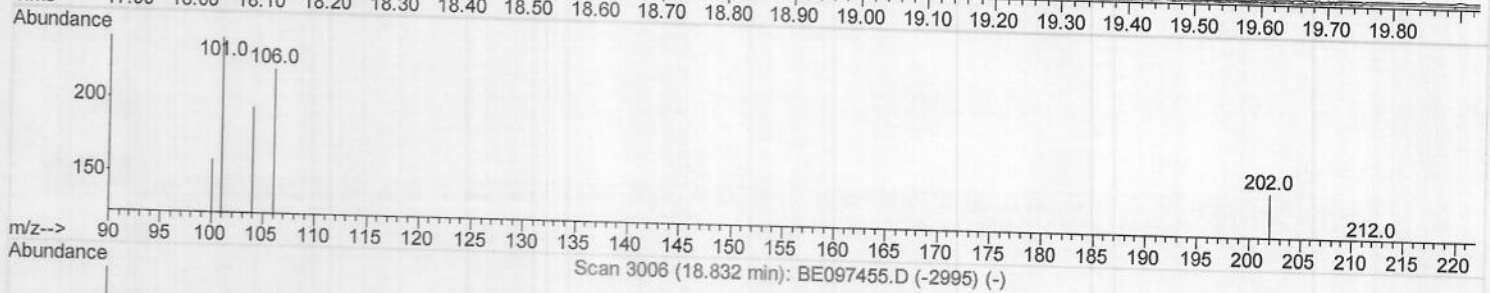
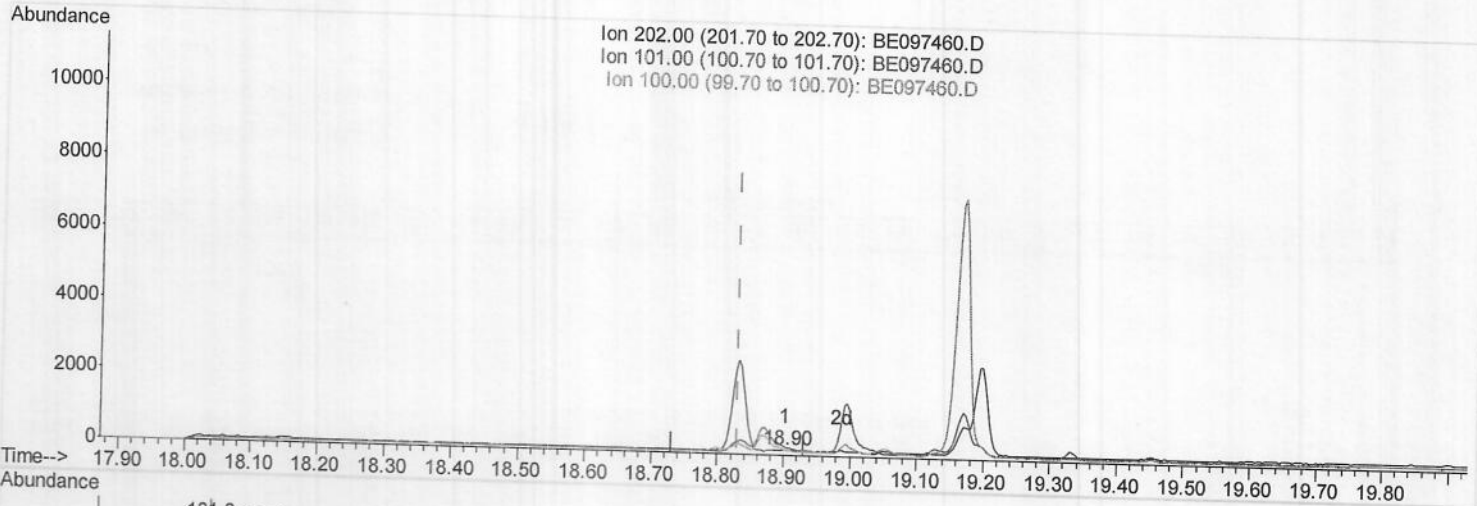
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Manual Integrations
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(15) Fluoranthene (C)

18.902min (+0.071) 0.00ng/ul

response 65

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	156.86#
100.00	19.50	103.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

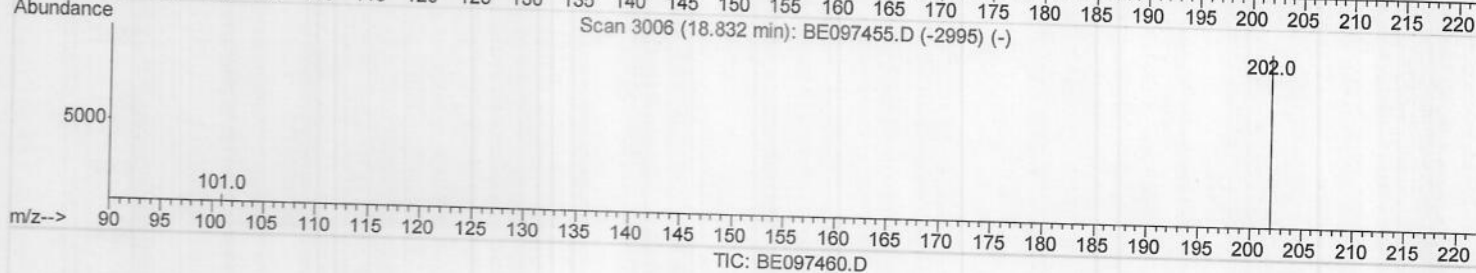
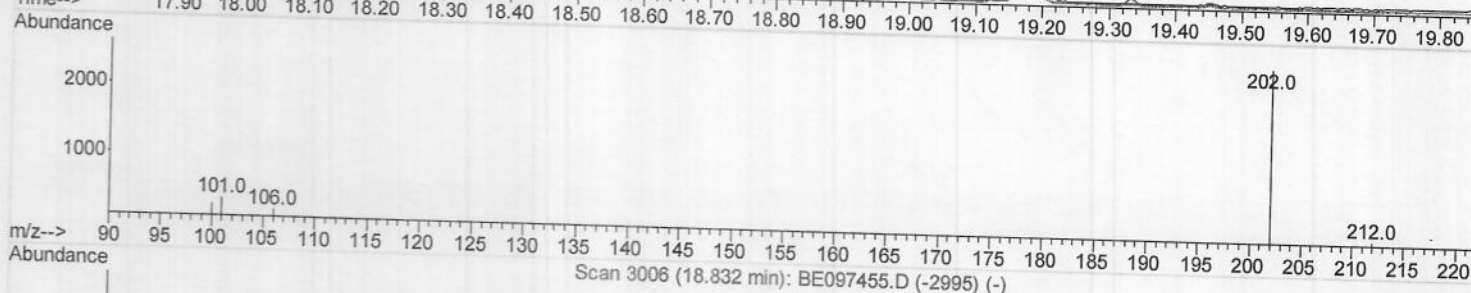
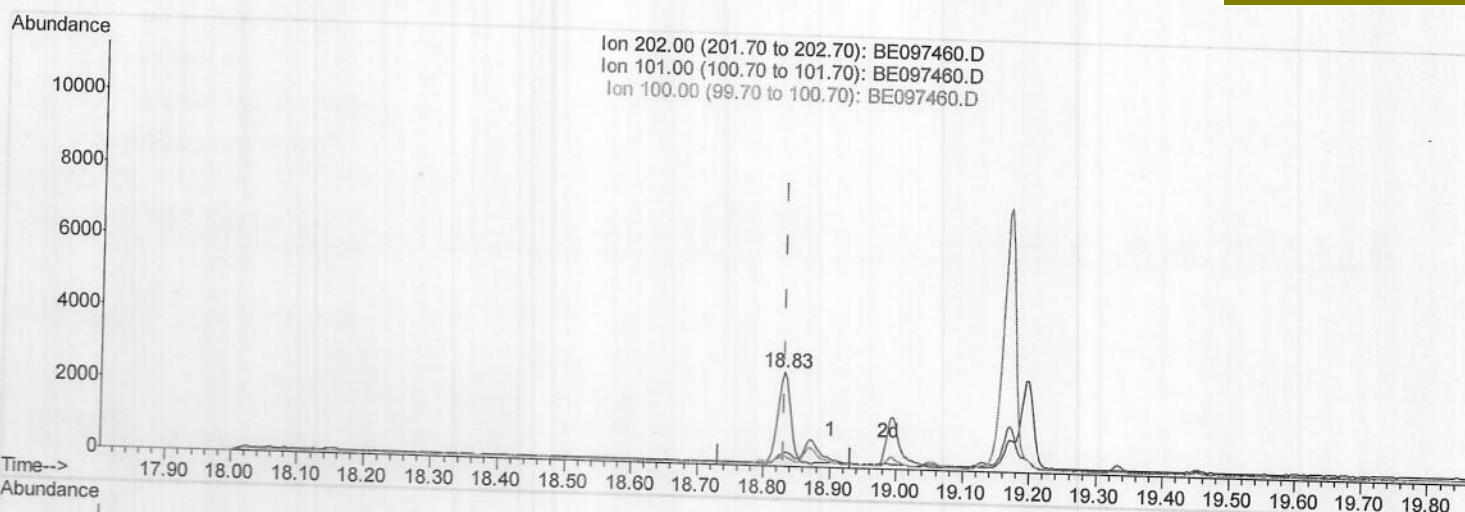
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Manual Integrations
 APPROVED

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(15) Fluoranthene (C)

18.831min (-0.001) 0.11ng/ul m) SJ9/22/18

response 3371

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	13.81
100.00	19.50	10.94
0.00	0.00	0.00

Quantitation Report (Qedit)

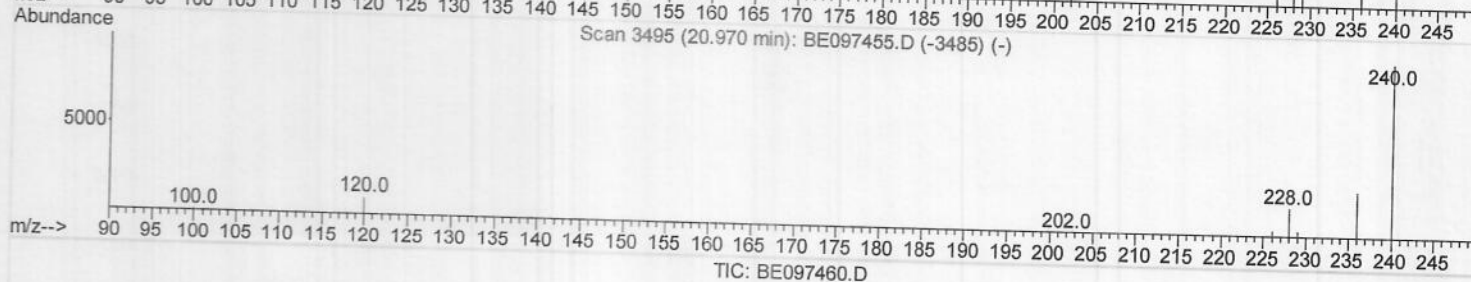
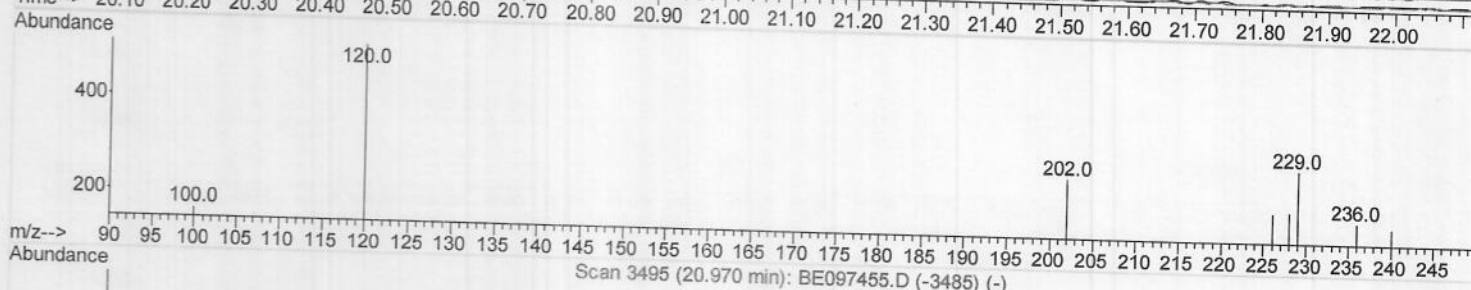
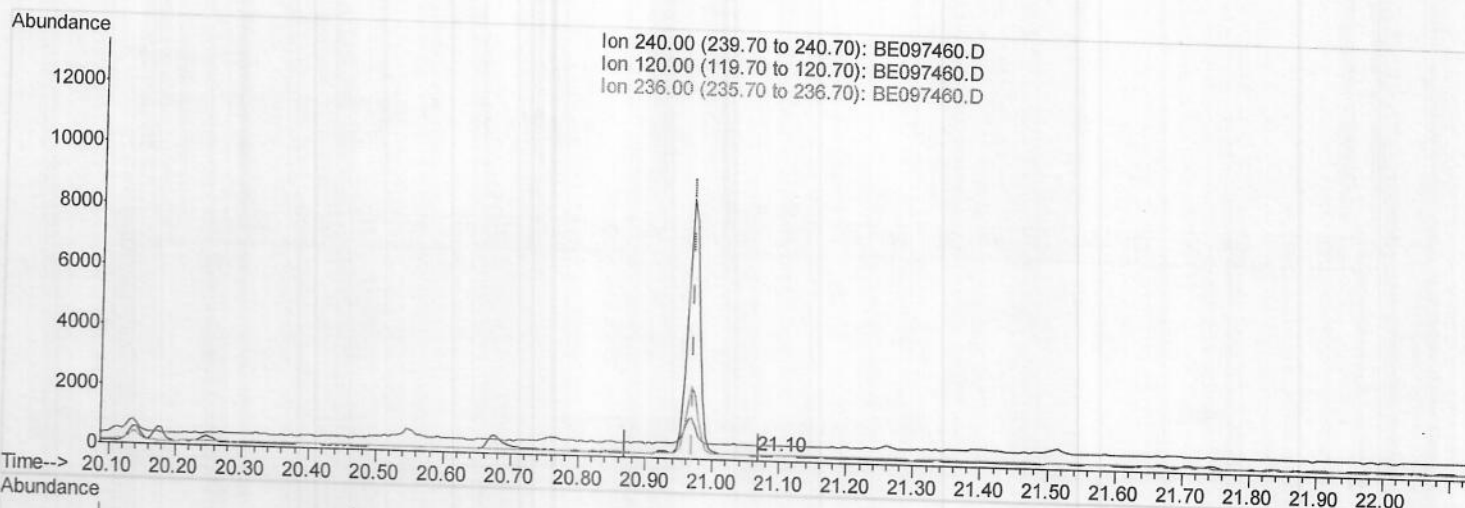
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Manual Integrations
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(16) Chrysene-d12 (I)

21.100min (+0.131) 0.40ng/ul

response 18

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	290.40#
236.00	34.90	105.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

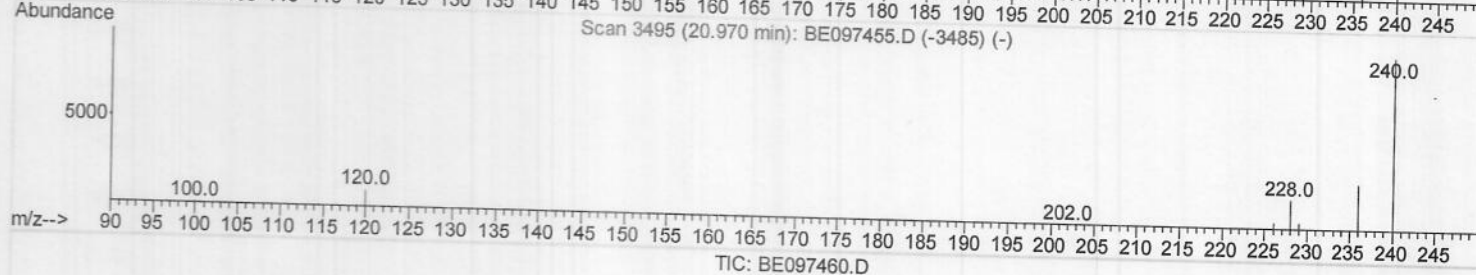
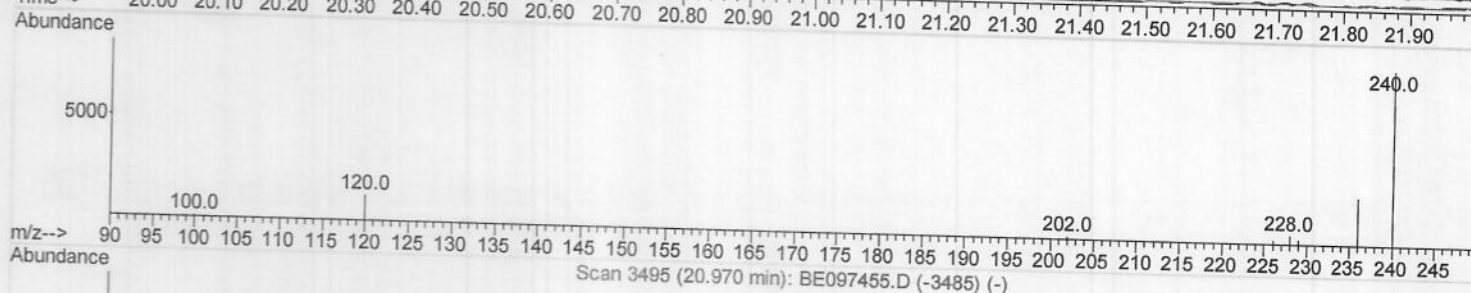
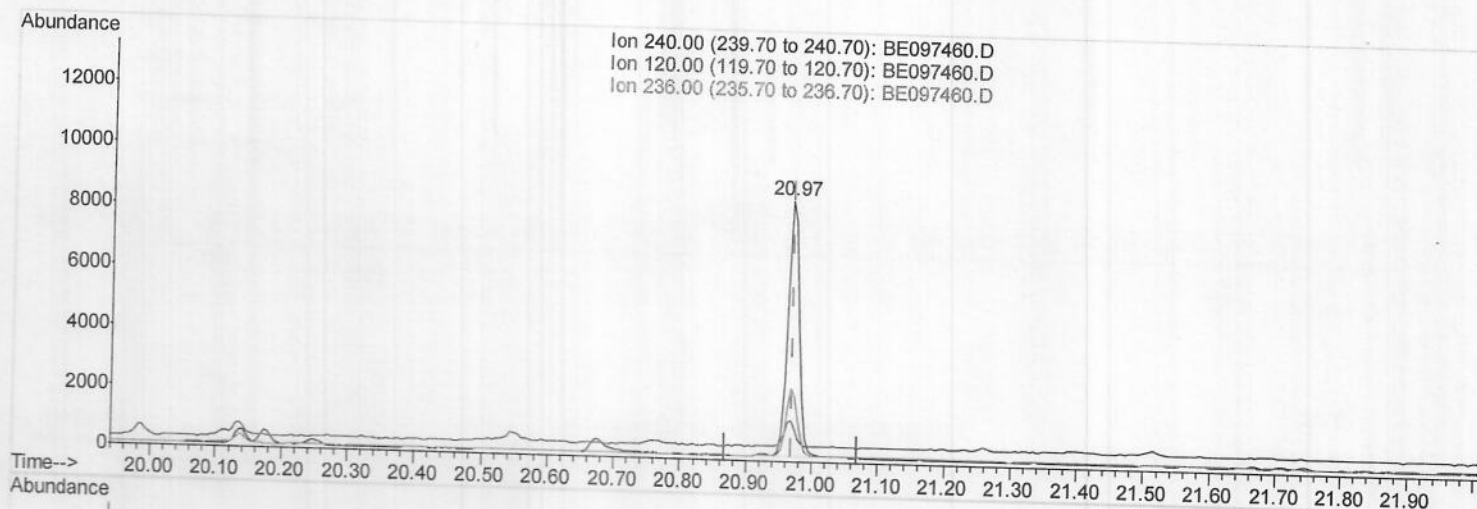
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Manual Integrations
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(16) Chrysene-d12 (l)

20.968min (-0.002) 0.40ng/ul m) SJ 9/22/18

response 10369

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	15.77#
236.00	34.90	28.26
0.00	0.00	0.00

Quantitation Report (Qedit)

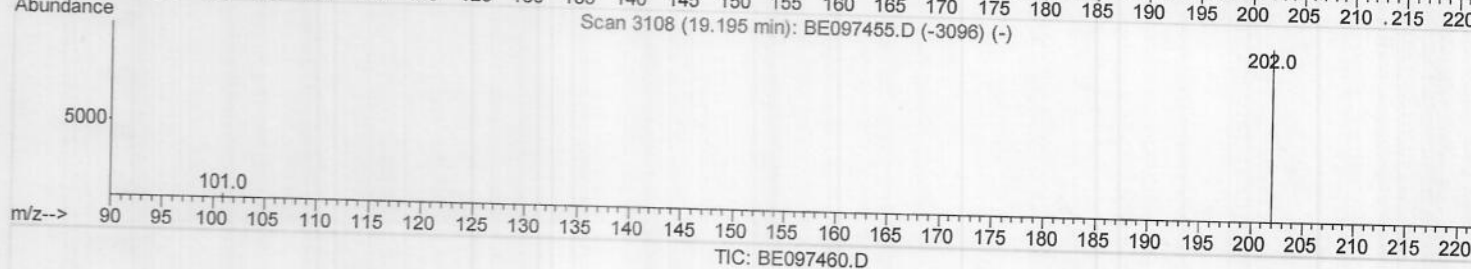
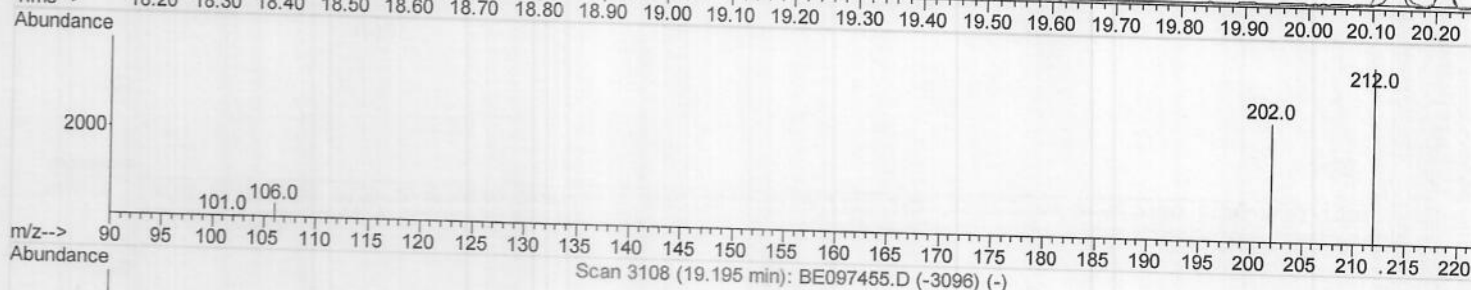
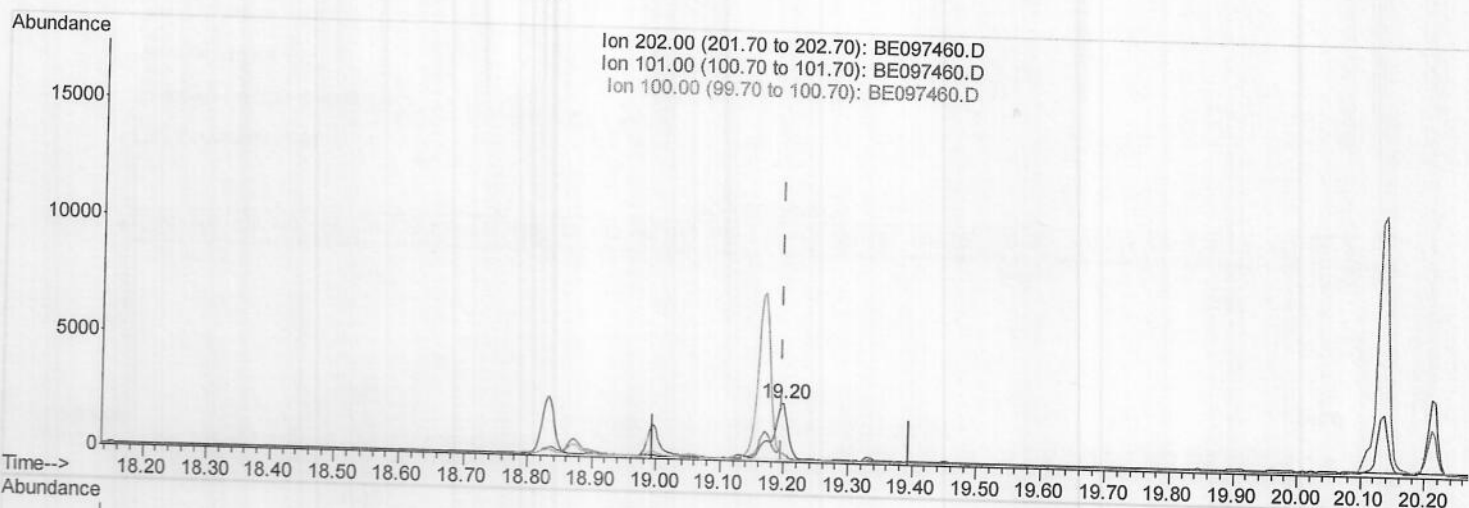
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(17) Pyrene

19.198min (+0.003) 0.15ng/ul

response 4227

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	14.70#
100.00	19.50	14.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

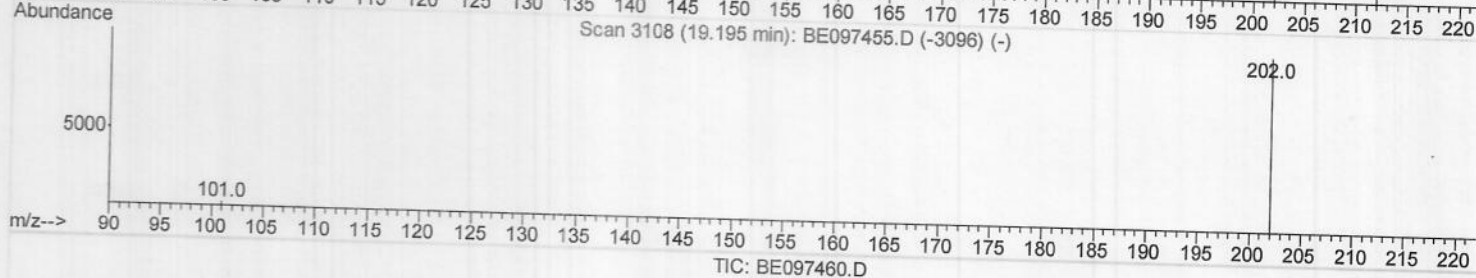
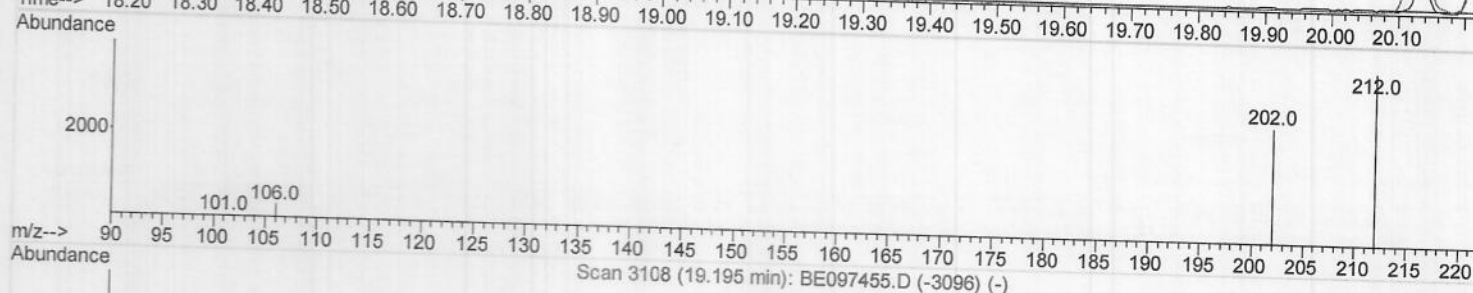
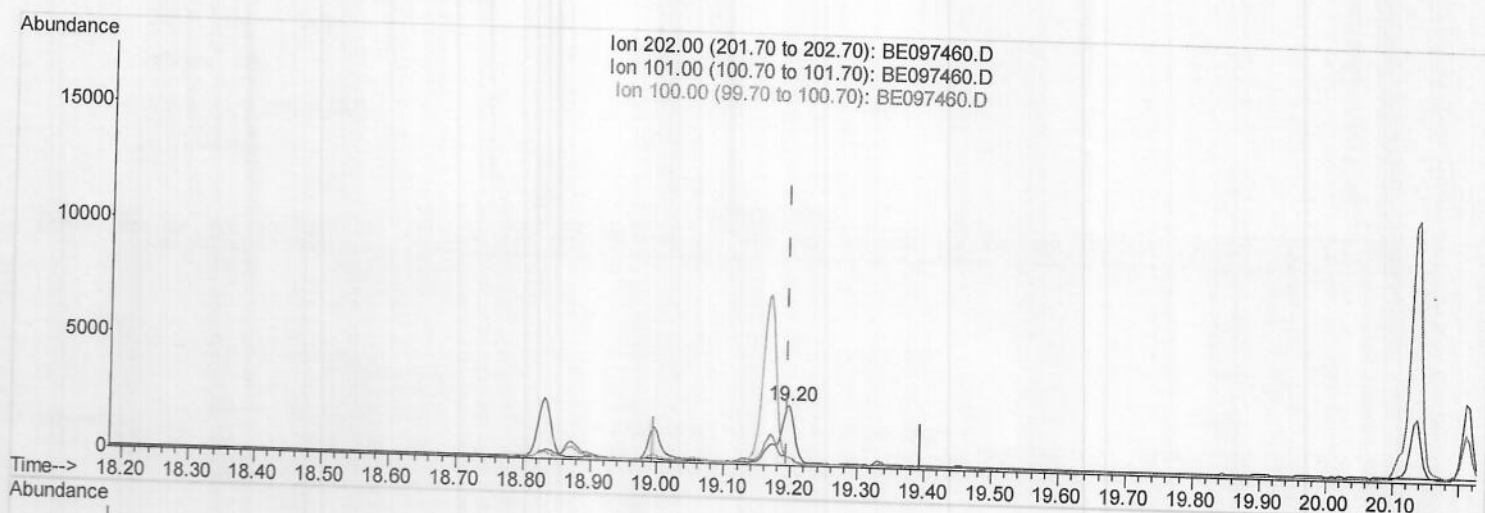
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(17) Pyrene

19.198min (+0.003) 0.11ng/ul m) SJ4/22/18

response 3138

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	14.70#
100.00	19.50	14.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

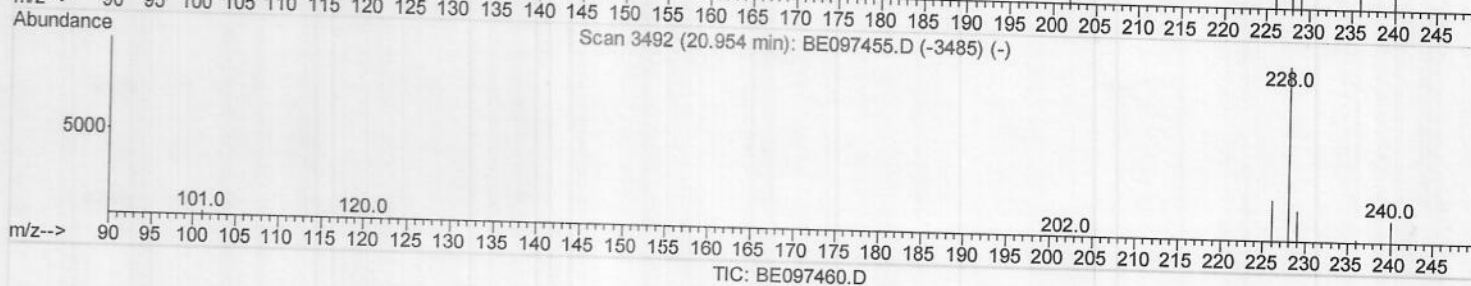
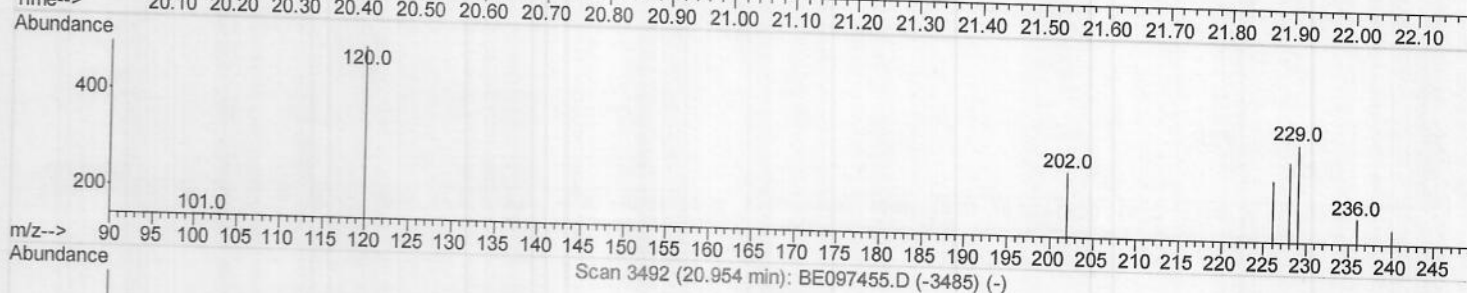
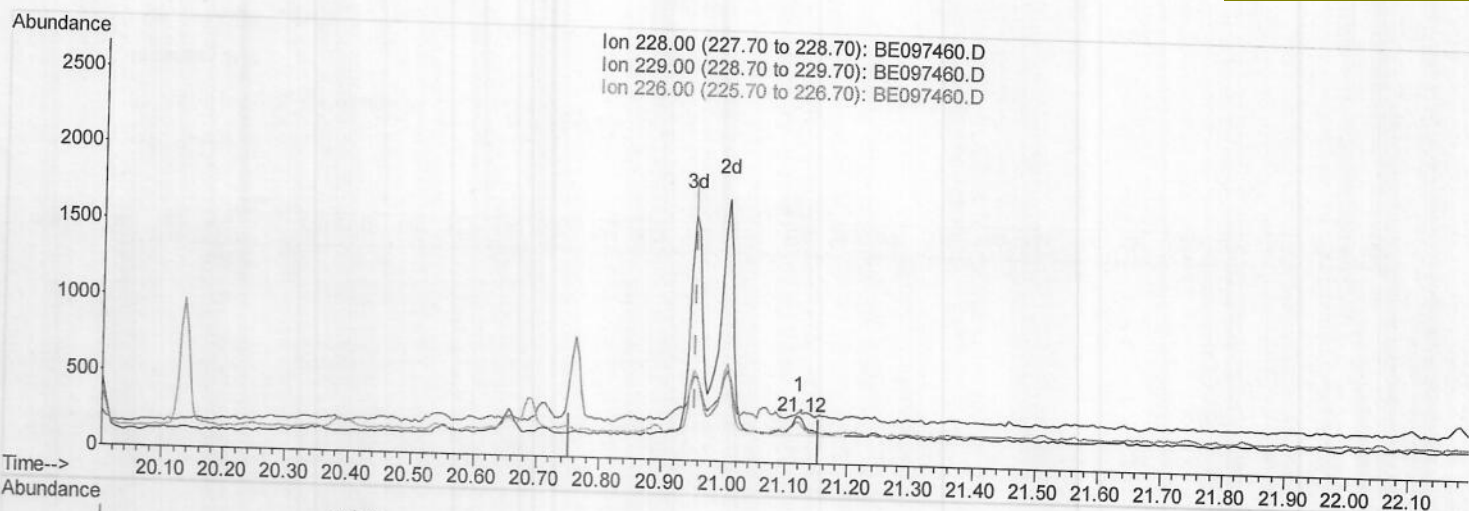
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(18) Benzo(a)anthracene

21.122min (+0.168) 0.01ng/ul

response 240

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	111.80#
226.00	21.30	86.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

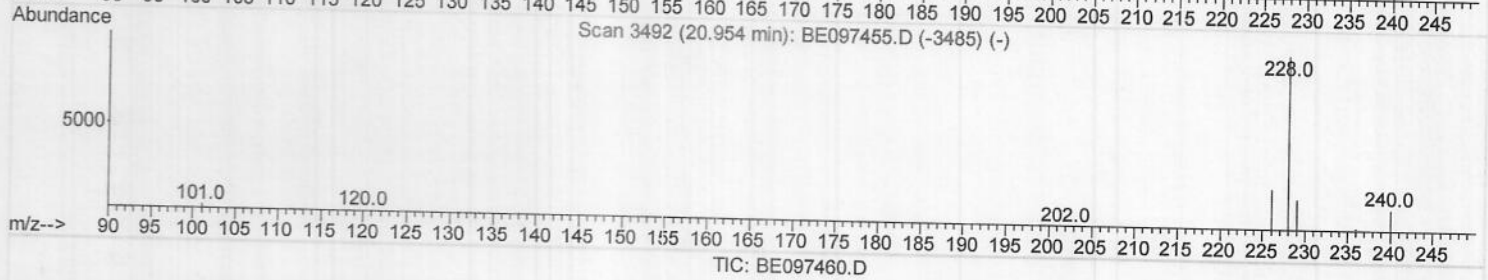
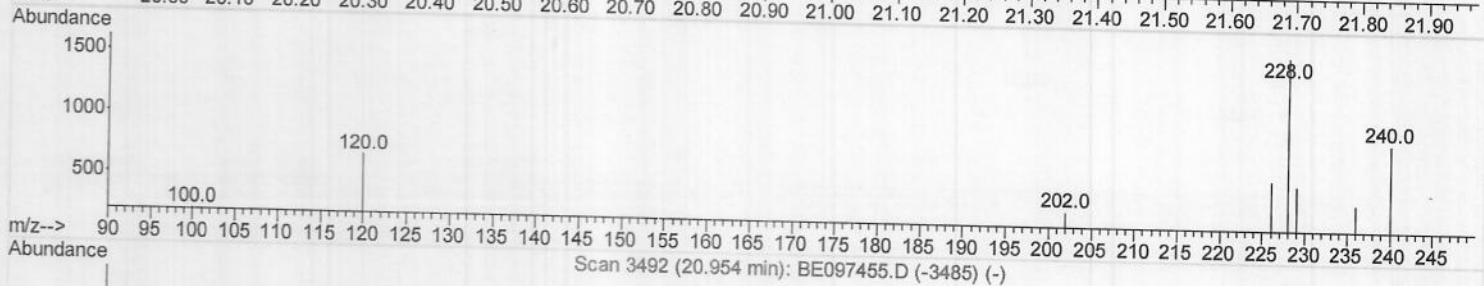
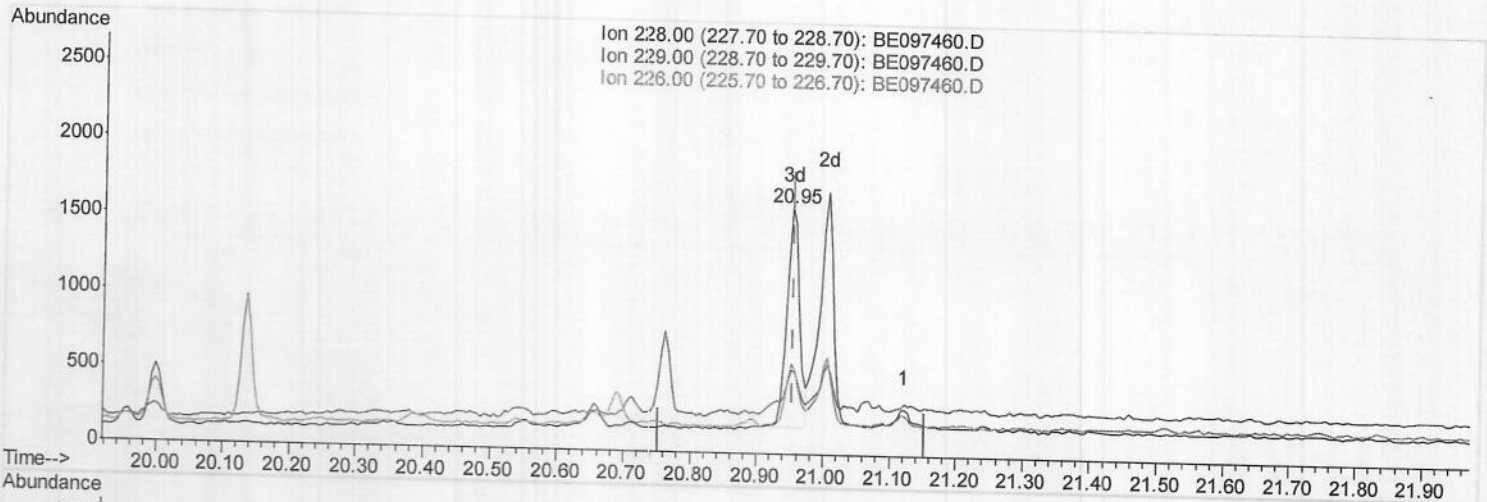
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 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(18) Benzo(a)anthracene

20.952min (-0.002) 0.07ng/ul m)SS 9/22/18

response 1882

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	34.41#
226.00	21.30	37.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

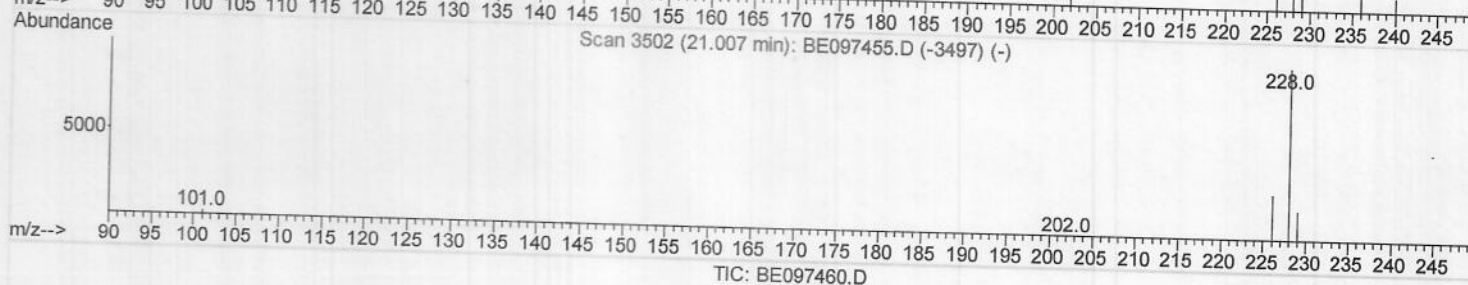
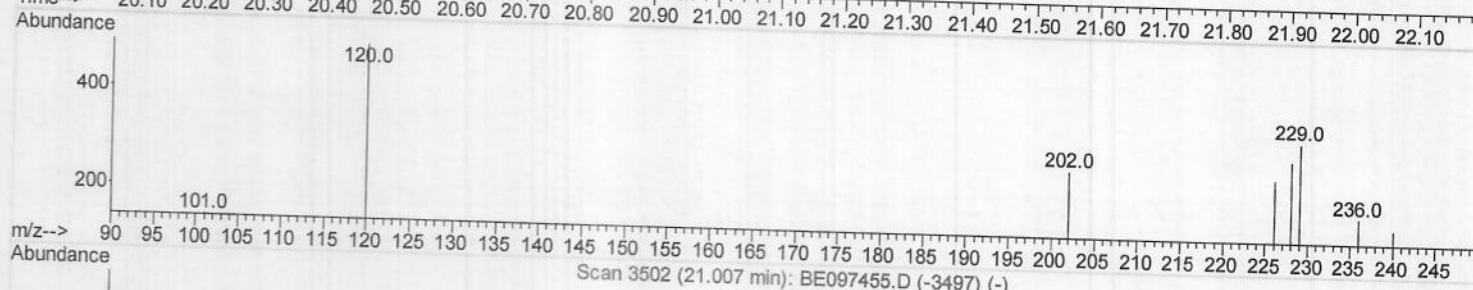
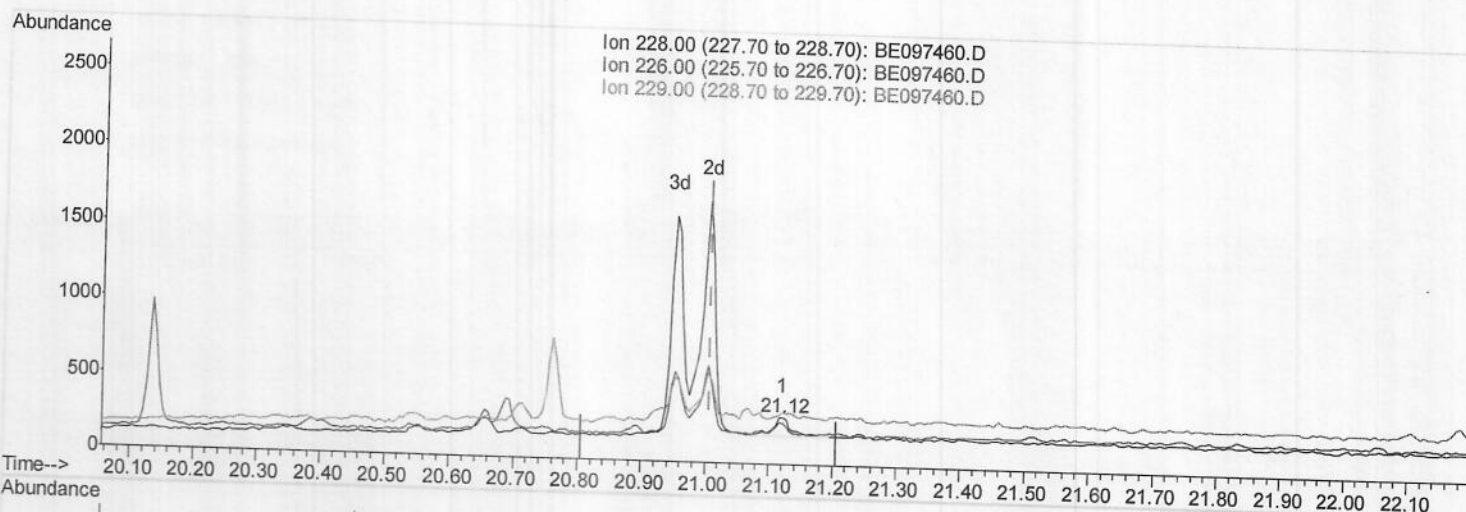
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(19) Chrysene

21.122min (+0.115) 0.01ng/ul

response 229

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	86.56#
229.00	22.10	111.80#
0.00	0.00	0.00

Quantitation Report (Qedit)

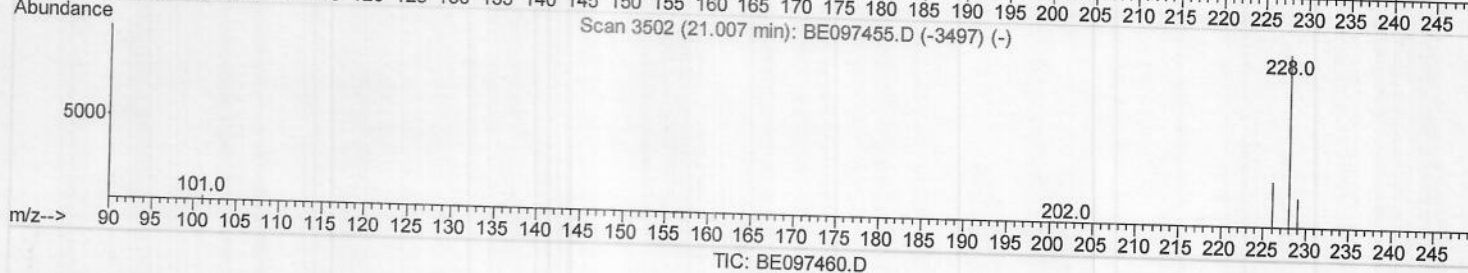
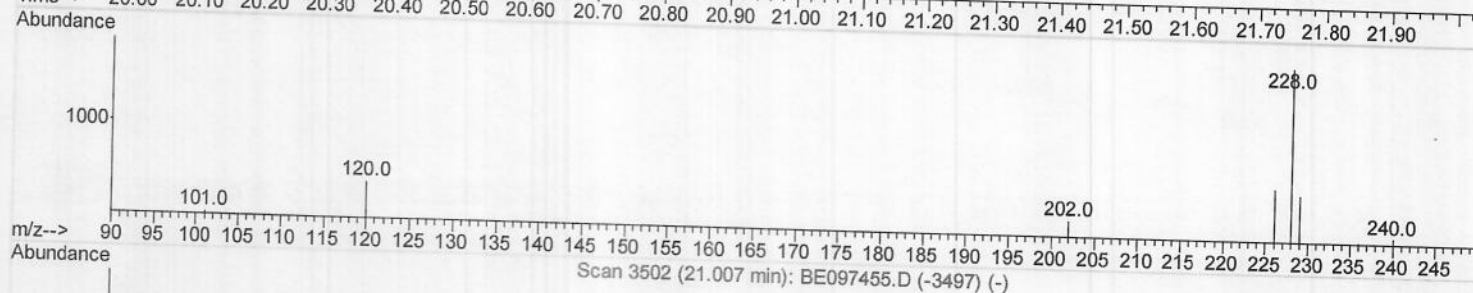
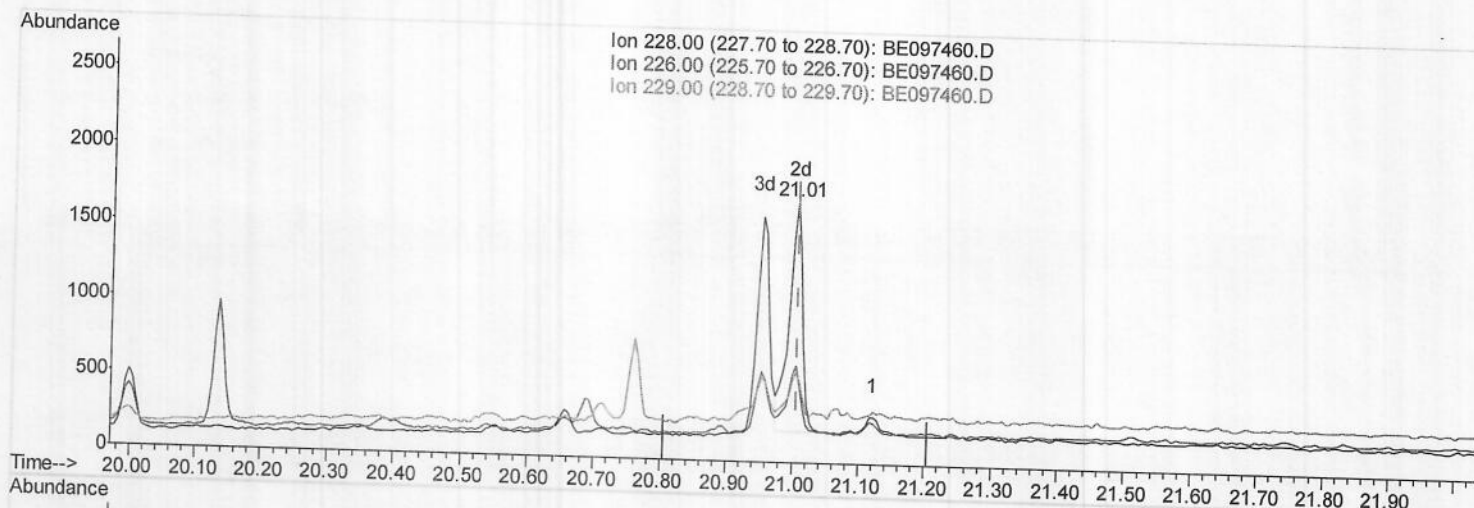
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(19) Chrysene

21.005min (-0.002) 0.07ng/ul m³) 559/22118

response 2135

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	37.45#
229.00	22.10	34.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

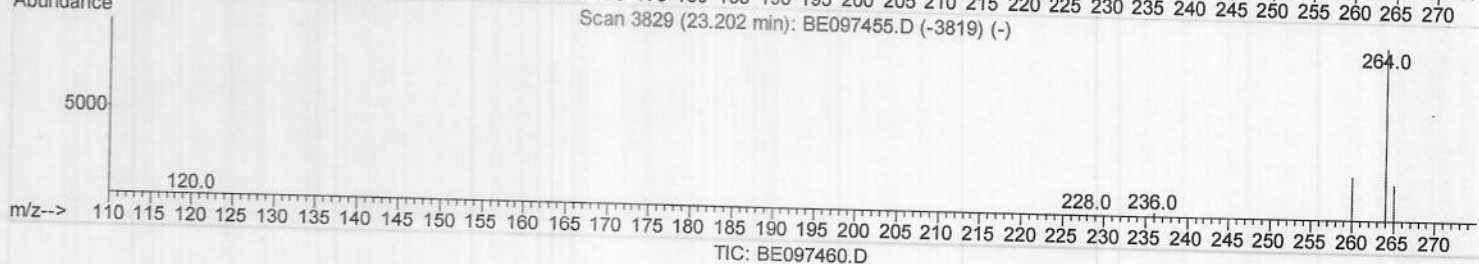
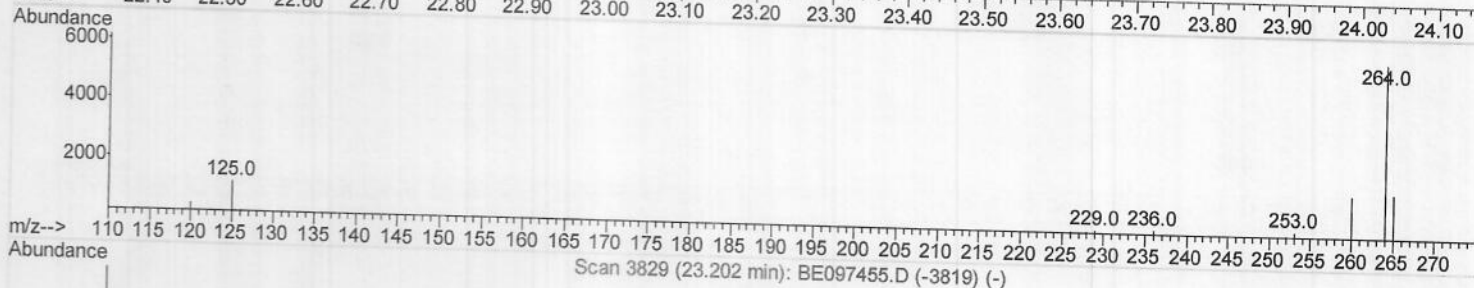
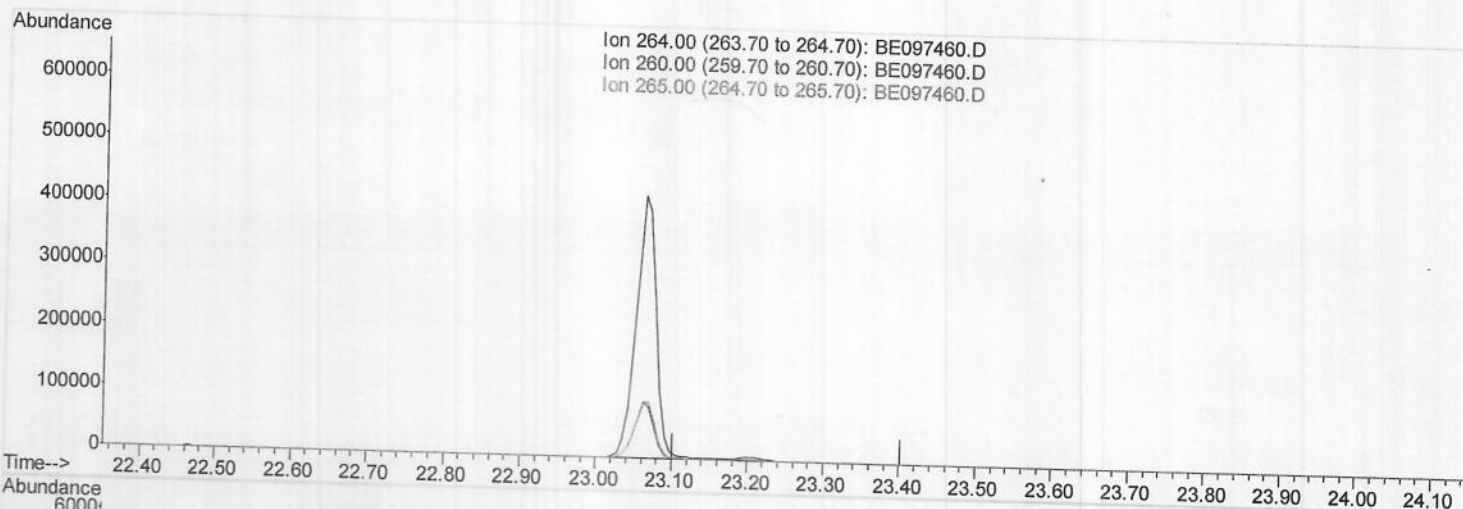
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.202min (-23.202) 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)

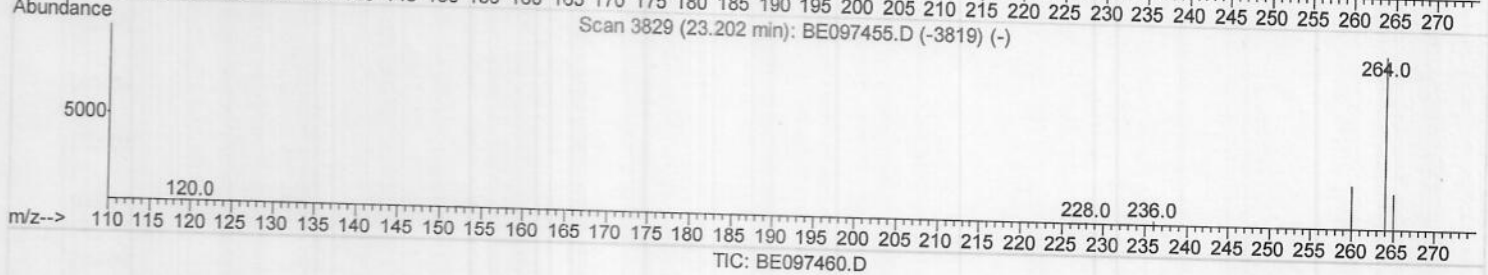
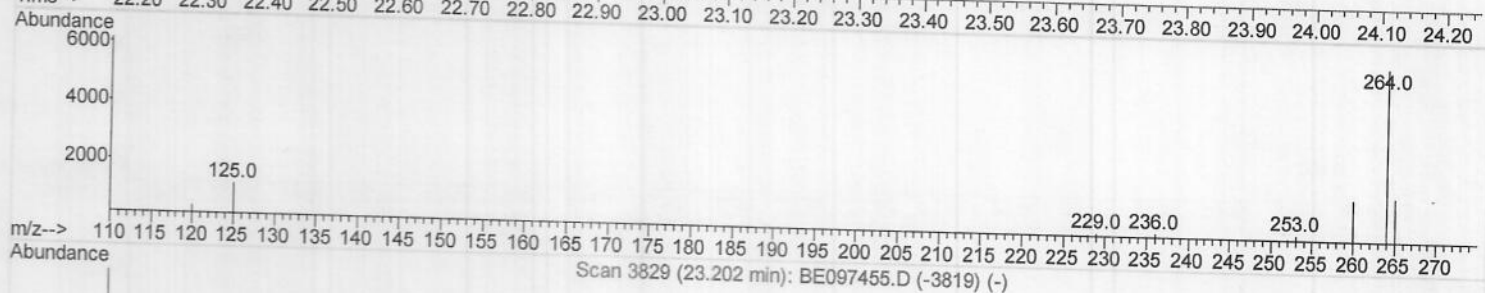
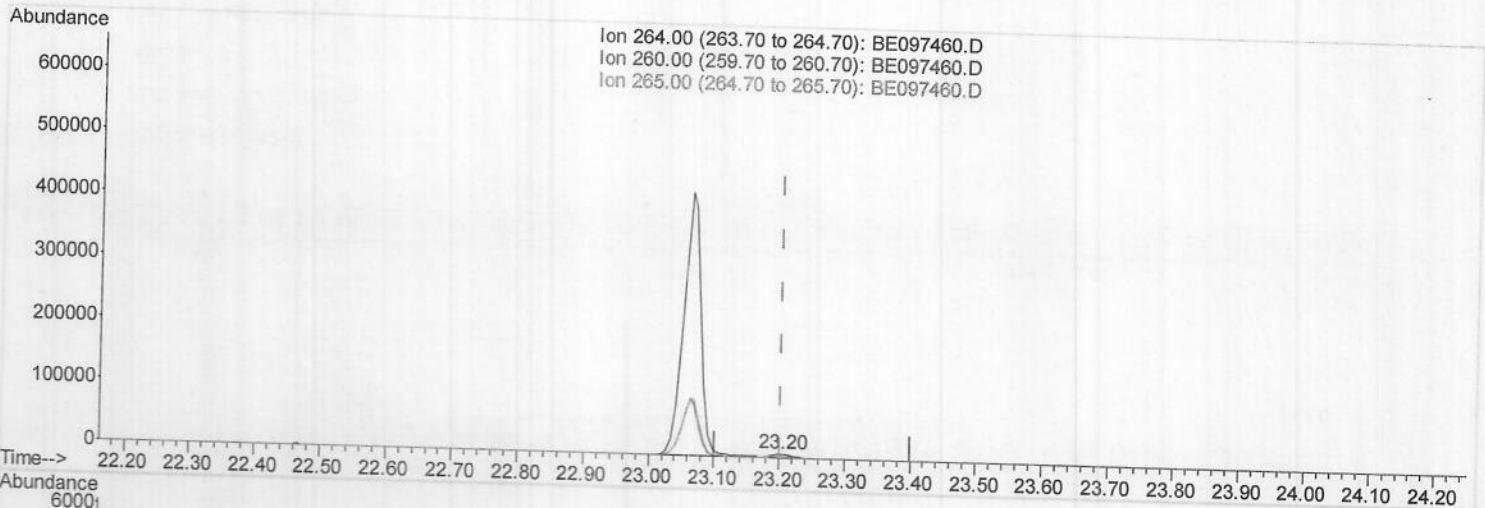
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:33:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.203min (+0.000) 0.40ng/ul m) SJ9/22/18

response 10106

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.96
265.00	103.50	26.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

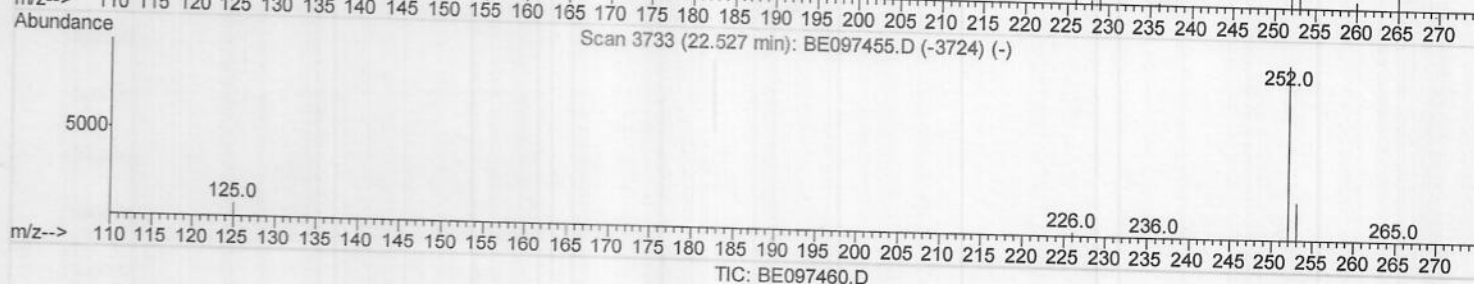
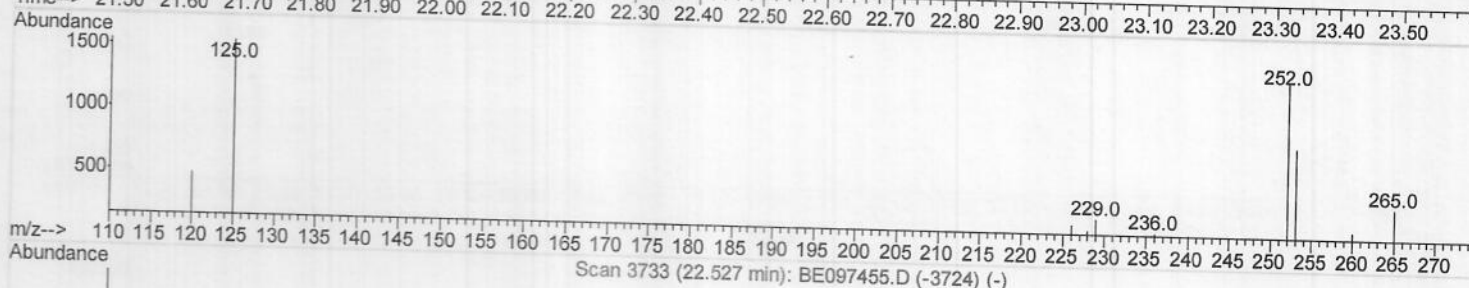
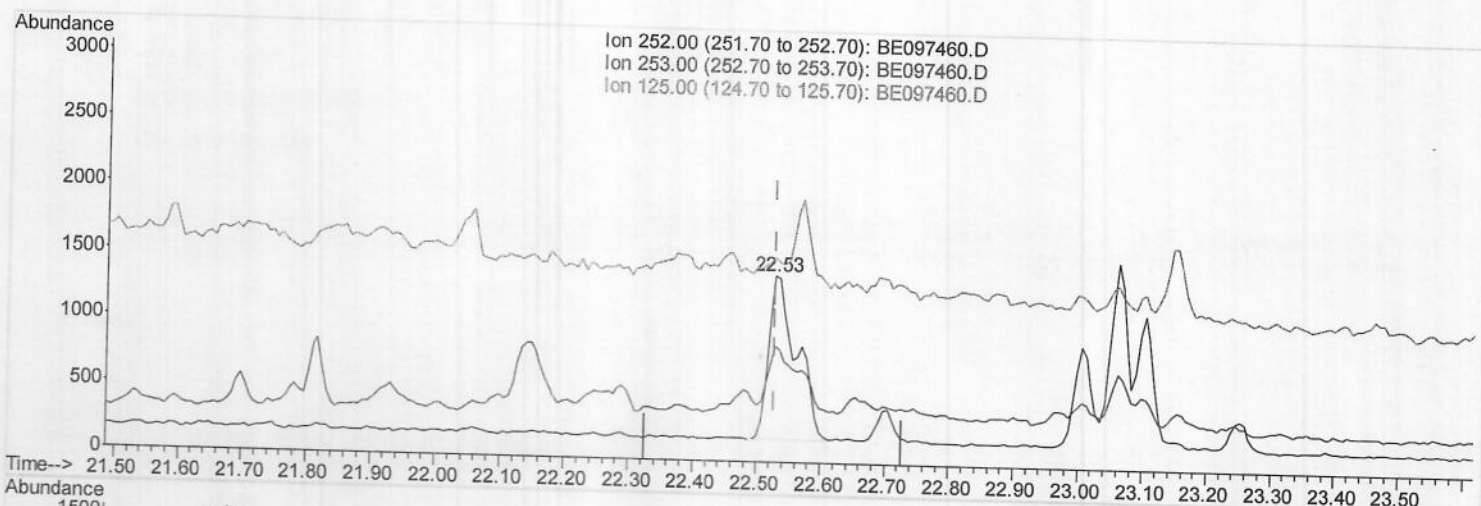
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:34:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.528min (+0.000) 0.14ng/ul
 response 3757

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	61.99
125.00	17.50	110.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

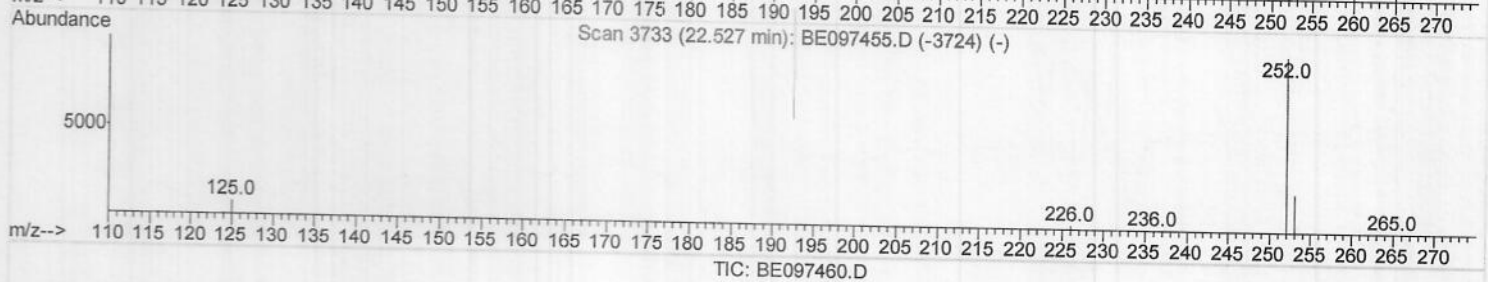
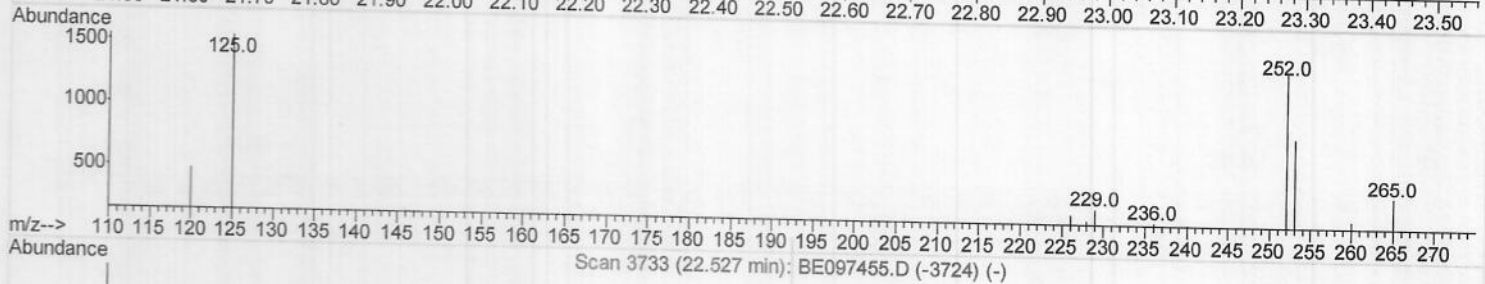
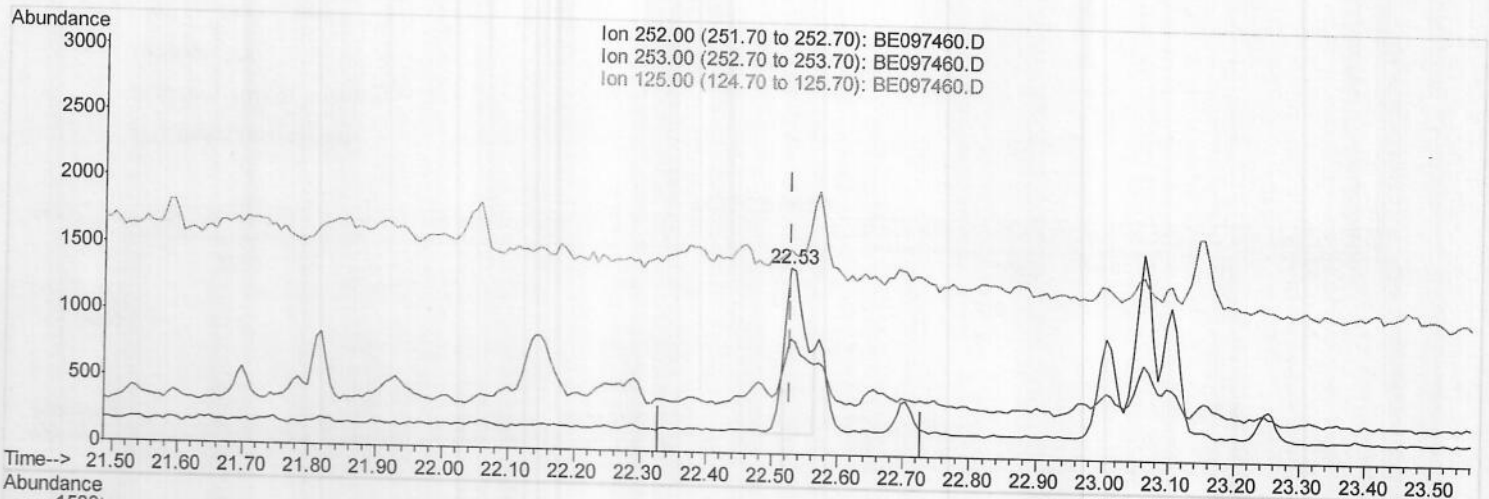
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:34:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.528min (+0.000) 0.11ng/ul m) SJ 9/22/18

response 2982

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	61.99
125.00	17.50	110.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

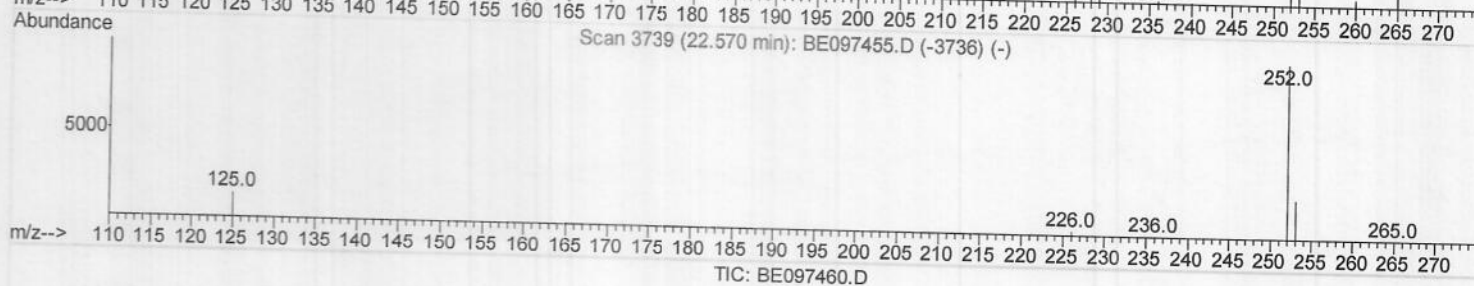
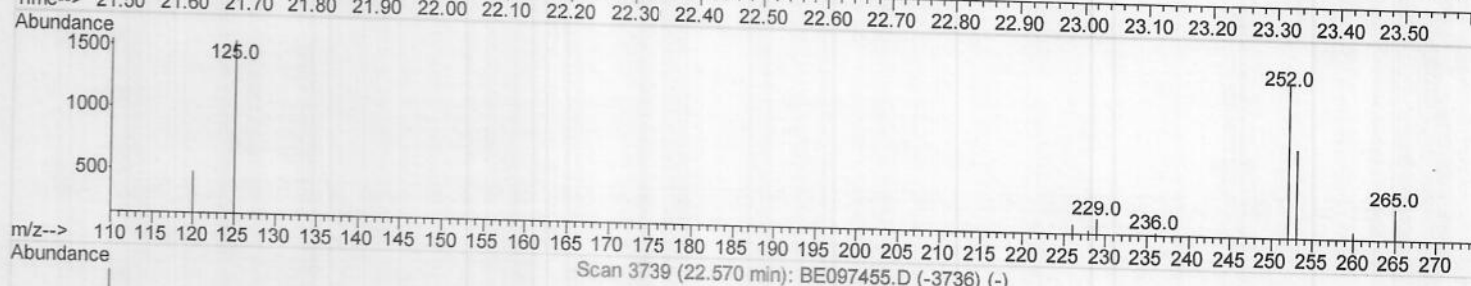
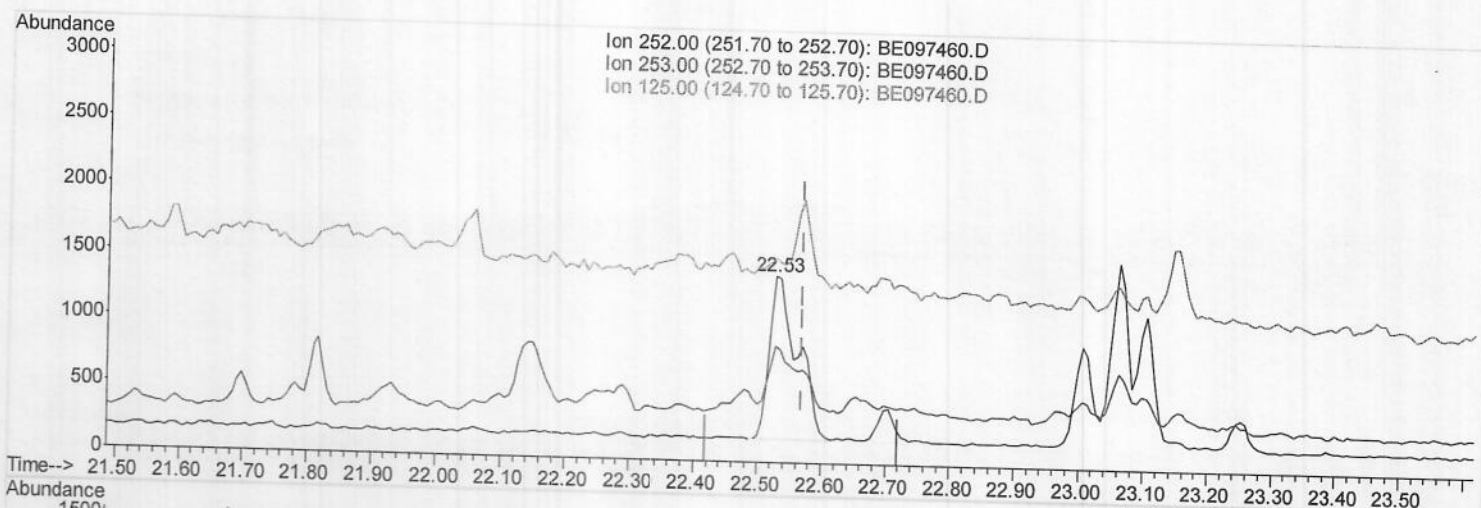
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:34:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.528min (-0.042) 0.12ng/ul
 response 3757

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	61.99#
125.00	17.10	110.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

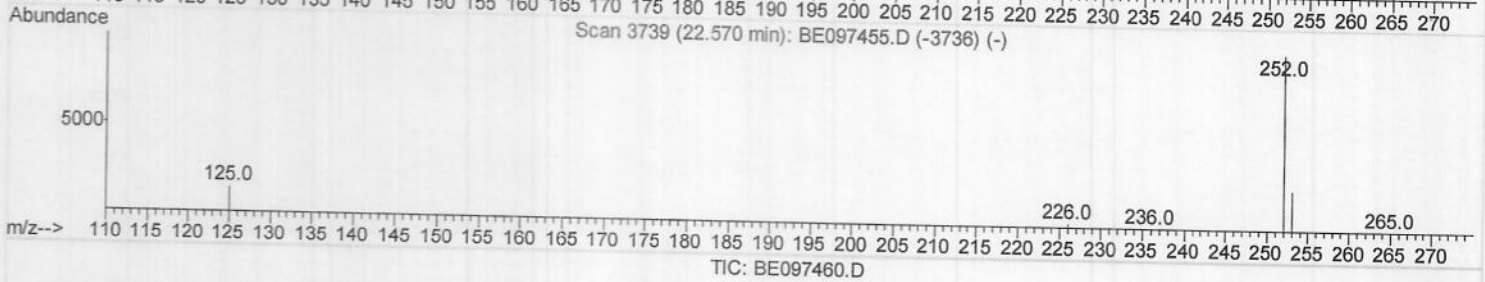
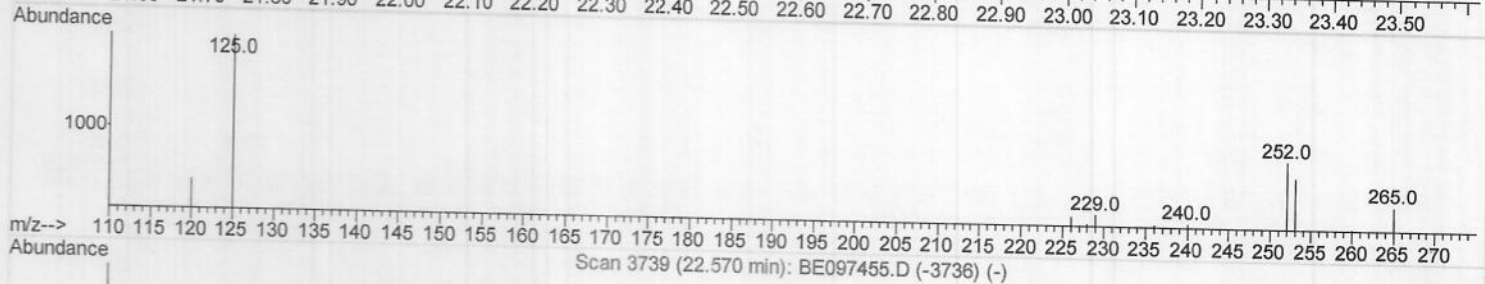
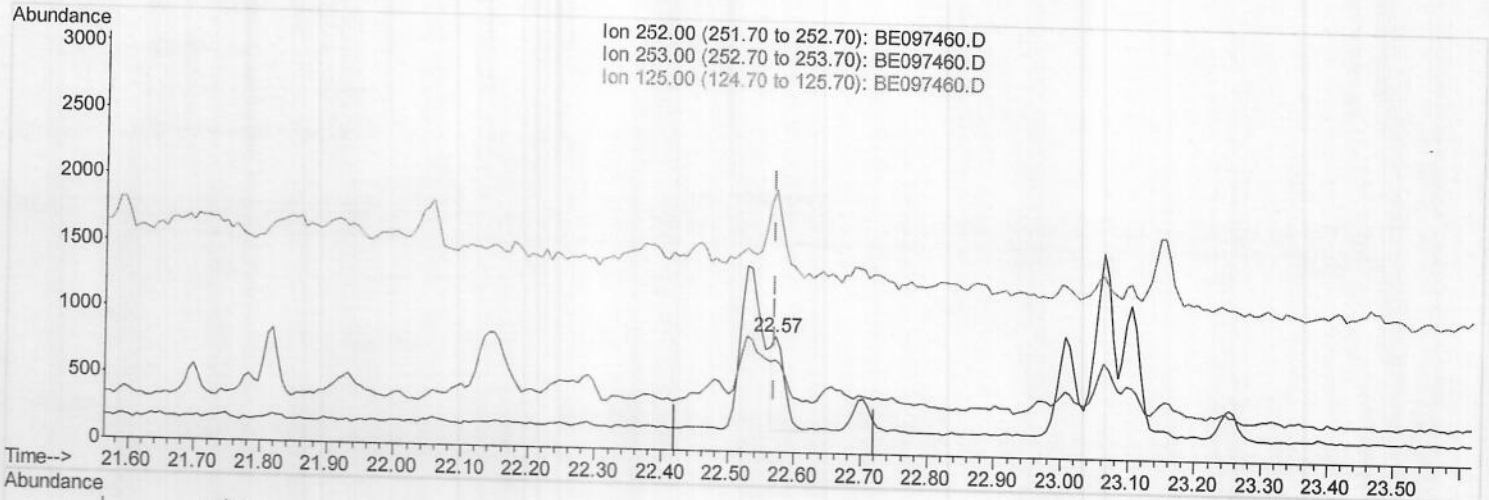
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:34:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.570min (+0.000) 0.03ng/ul m) 59122118

response 848

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	79.24#
125.00	17.10	227.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097460.D
 Acq On : 12 Sep 2018 20:51
 Operator : SJ/JU
 Sample : J4792-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z38

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:26 PM

Quant Time: Sep 13 02:35:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Thu Sep 13 01:51:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	888	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3686	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9044m)	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10369m)	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	10106m)	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2600	0.33	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	9180m)	0.31	ng/ul	0.00
Target Compounds						
12) Phenanthrene	16.80	178	1428m)	0.061	ng/ul	Ovalue
15) Fluoranthene	18.83	202	3371m)	0.113	ng/ul	
17) Pyrene	19.20	202	3138m)	0.112	ng/ul	
18) Benzo(a)anthracene	20.95	228	1882m)	0.071	ng/ul	
19) Chrysene	21.01	228	2135m)	0.070	ng/ul	
21) Benzo(b)fluoranthene	22.53	252	2982m)	0.110	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	848m)	0.028	ng/ul	
23) Benzo(a)pyrene	23.10	252	1717	0.069	ng/ul#	15
24) Indeno(1,2,3-cd)pyrene	25.50	276	1339	0.041	ng/ul#	87
26) Benzo(a,h,i)perylene	26.19	276	1367	0.049	ng/ul#	68

SJ 9/22/18

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