

Quantitation Report (QT Reviewed)

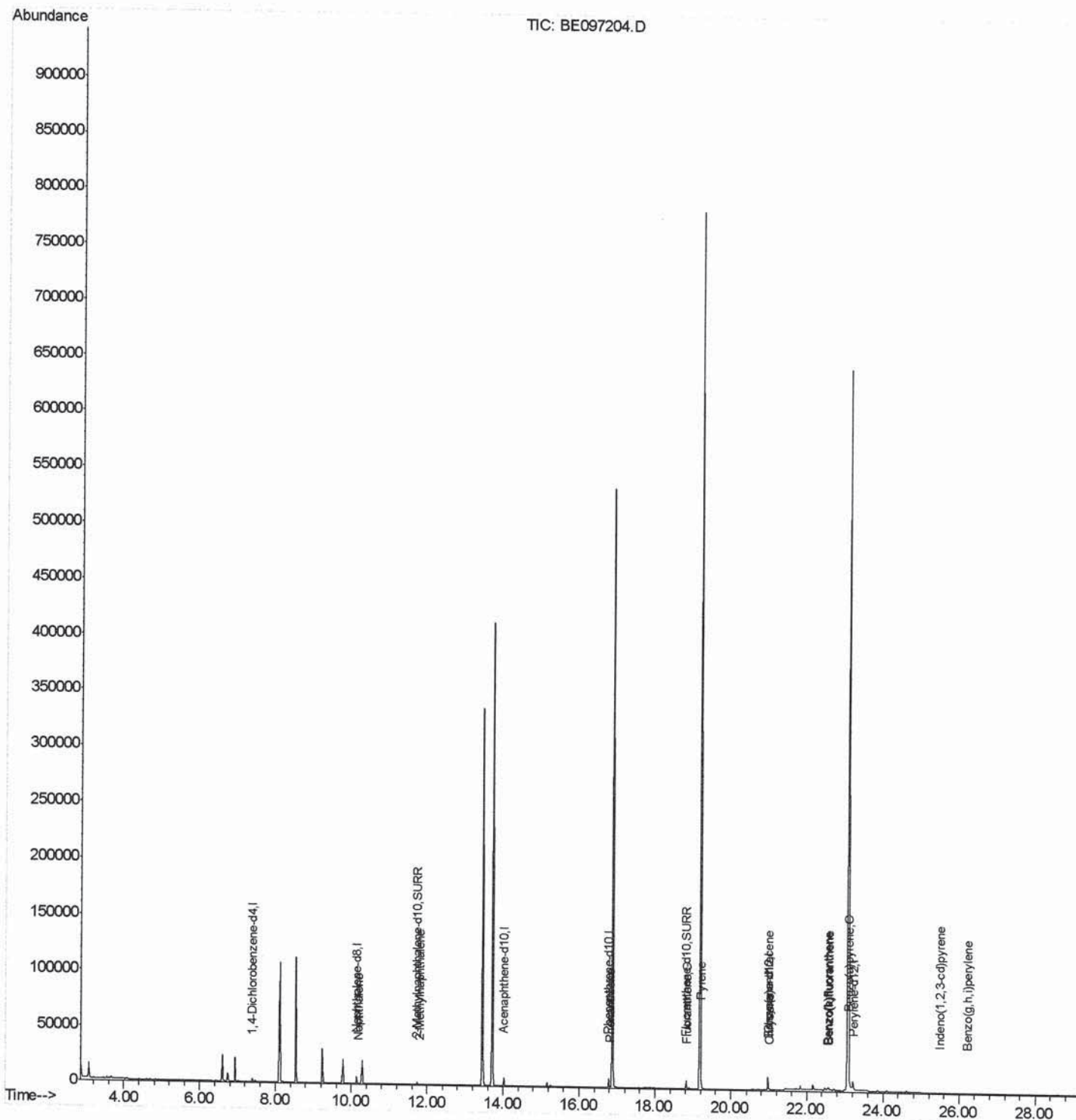
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 02:00:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

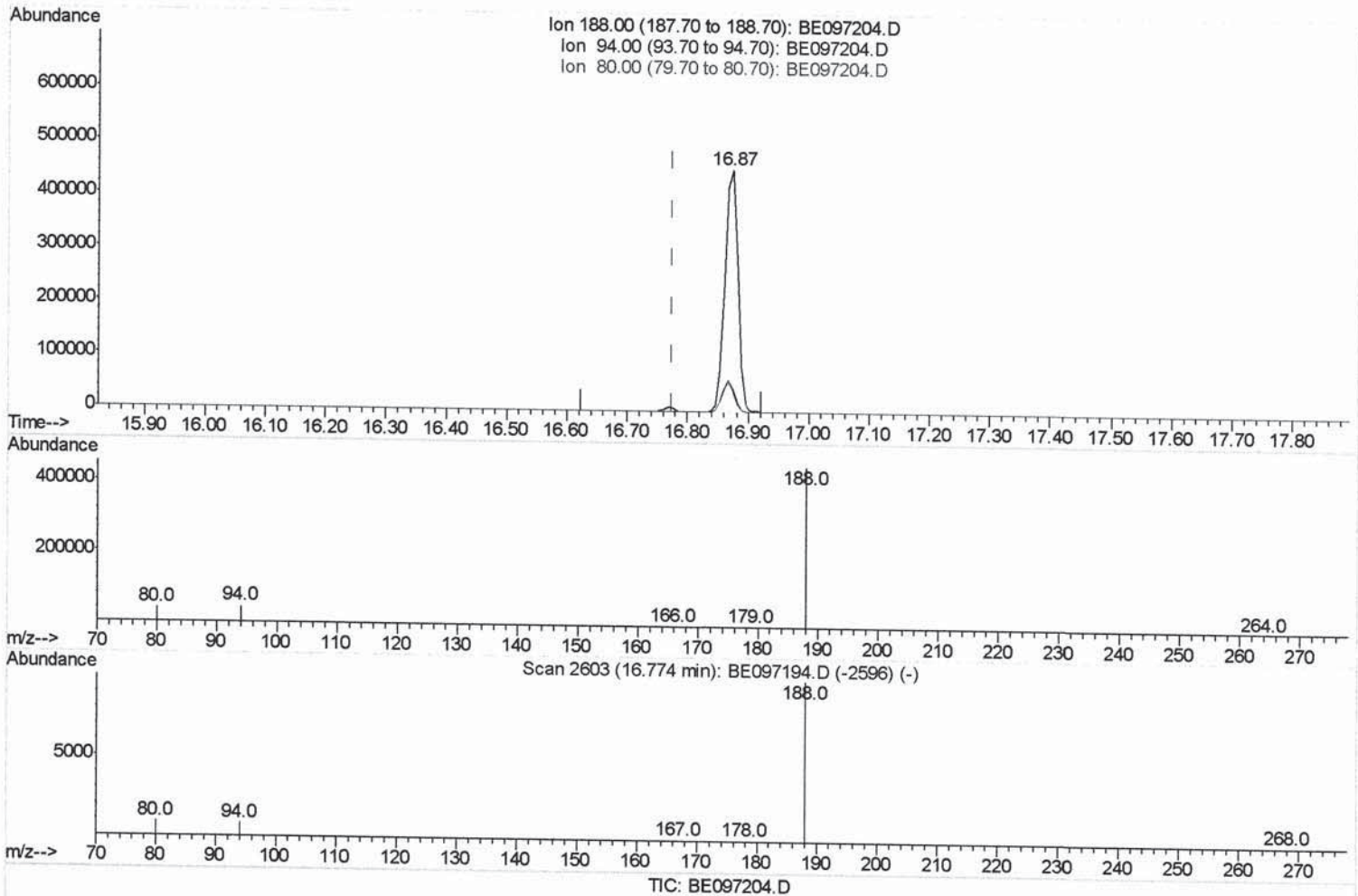
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
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(10) Phenanthrene-d10 (I)
 16.873min (+0.099) 0.40ng/ul
 response 657658

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.72
80.00	11.80	8.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

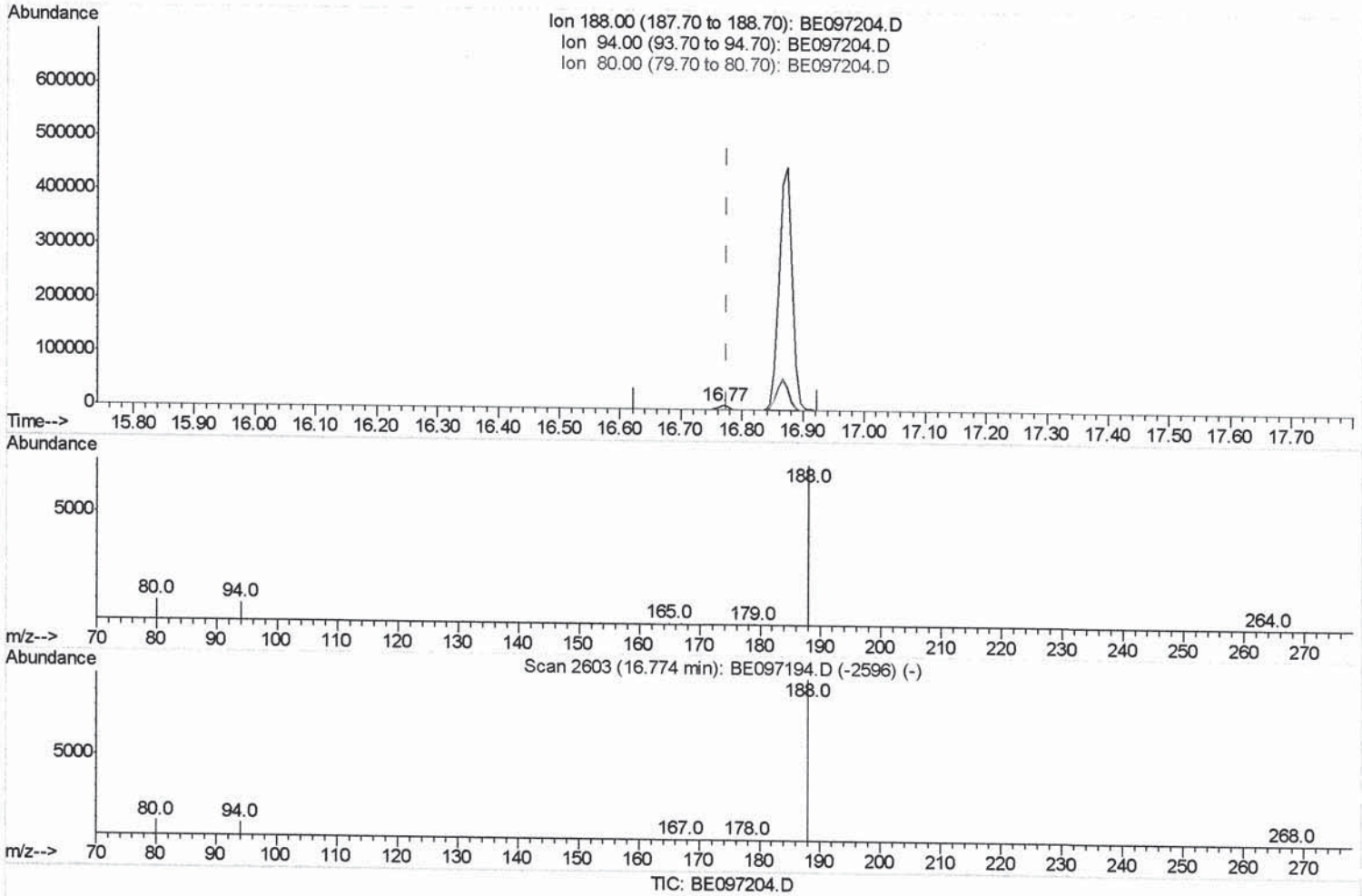
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
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(10) Phenanthrene-d10 (I)

16.768min (-0.006) 0.40ng/ul m

SJ 8/7/18

response 10296

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.89
80.00	11.80	13.21
0.00	0.00	0.00

Quantitation Report (Qedit)

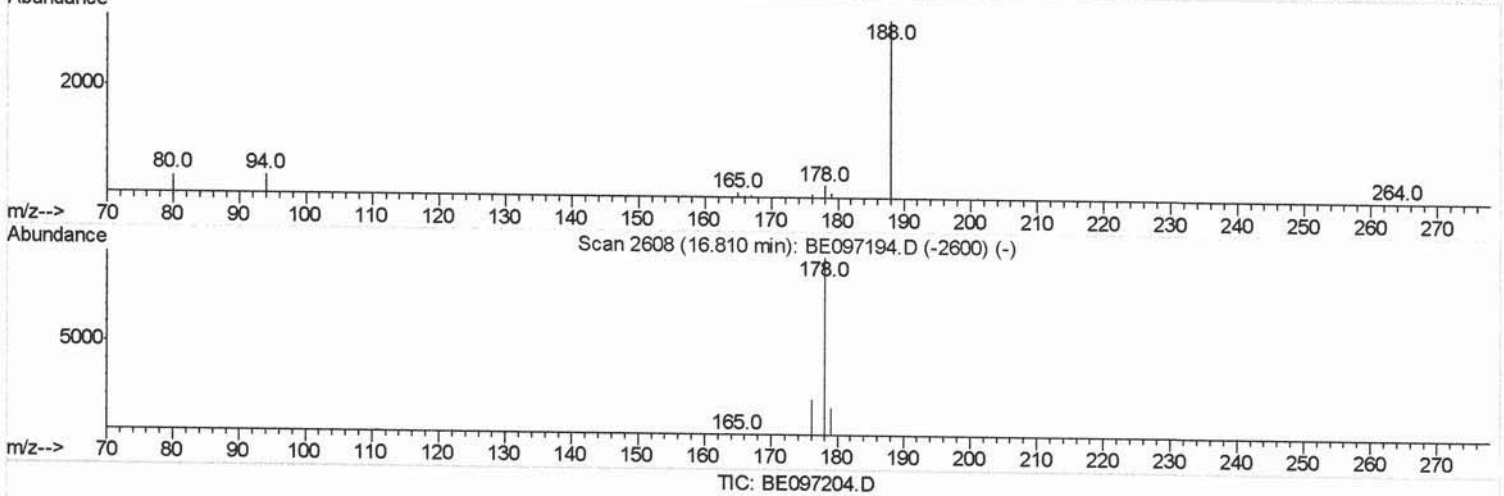
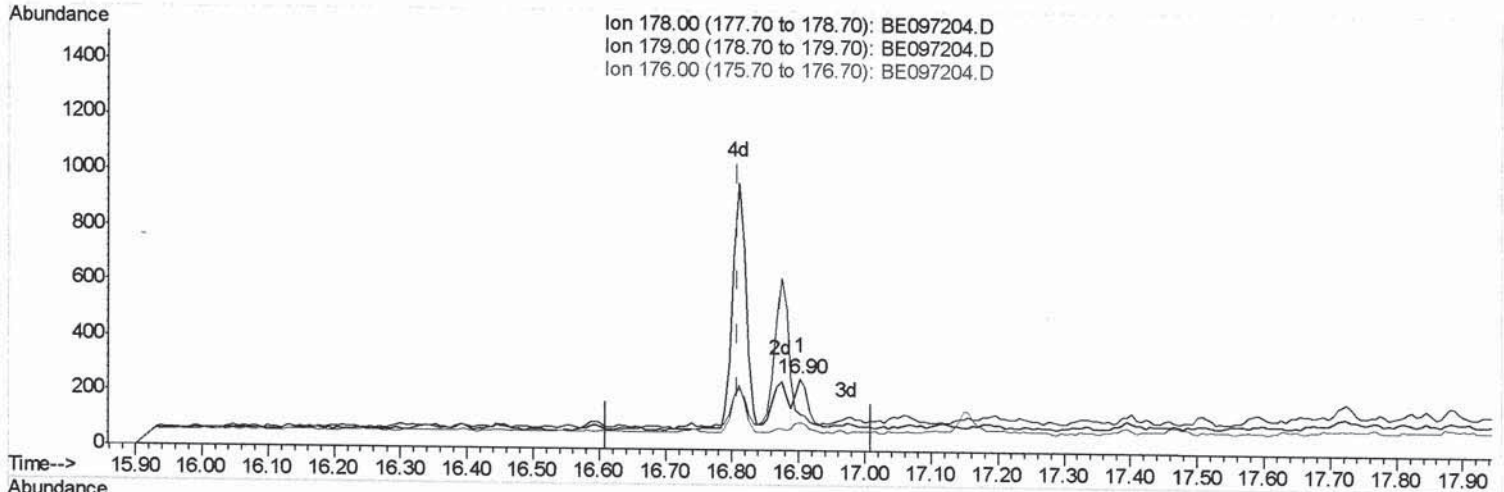
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(12) Phenanthrene

16.902min (+0.092) 0.01ng/ul

response 243

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	50.58#
176.00	17.00	39.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

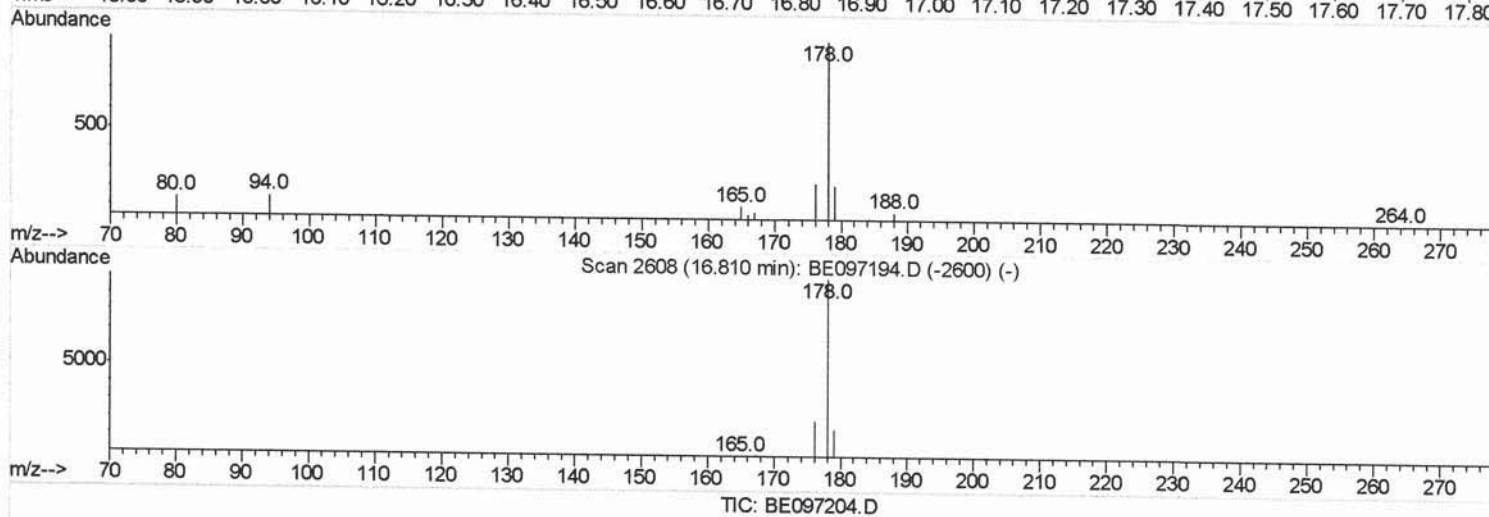
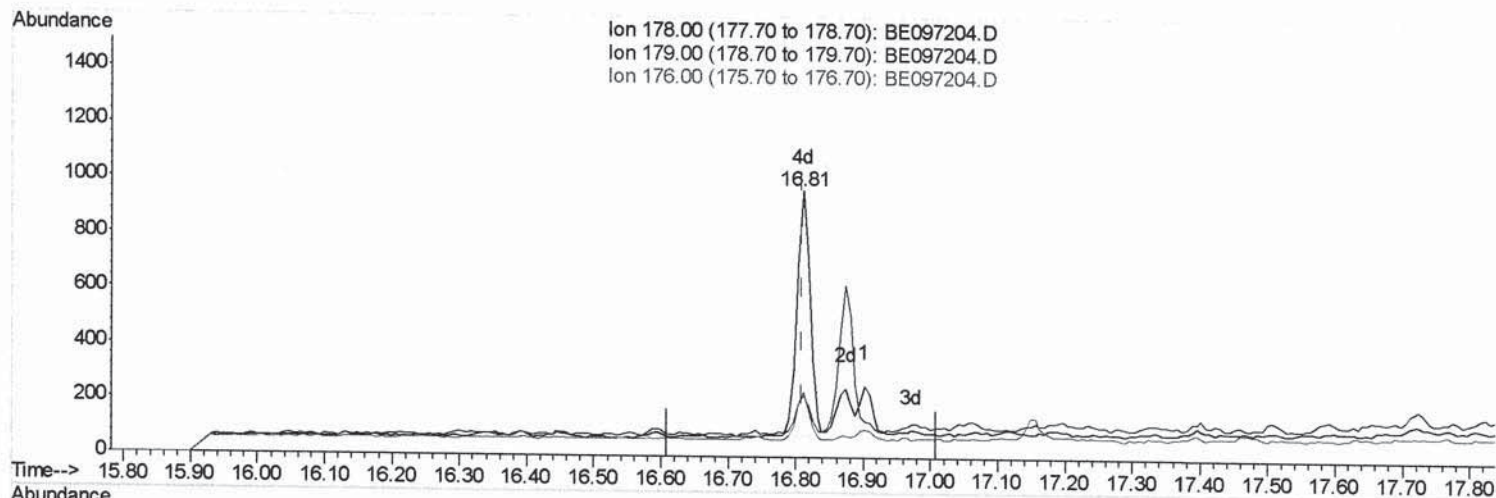
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(12) Phenanthrene

16.810min (+0.001) 0.05ng/ul m

SJ 8/7/18

response 1192

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	23.32
176.00	17.00	24.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

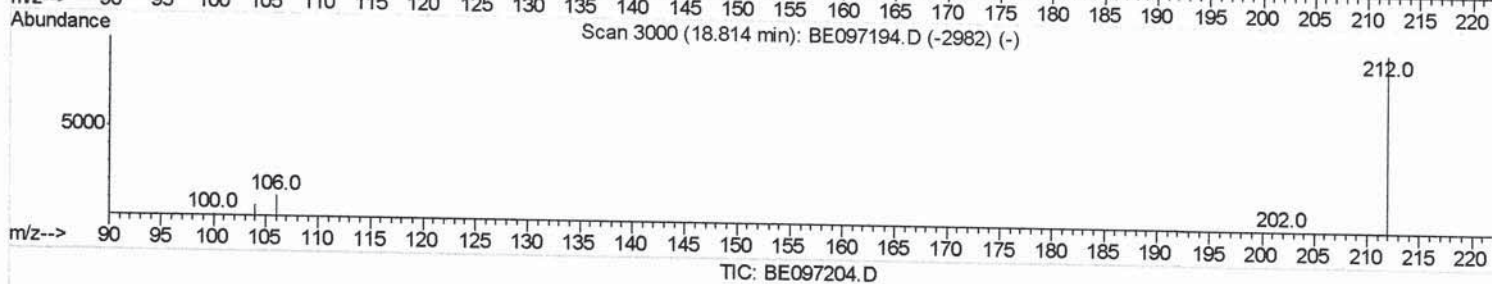
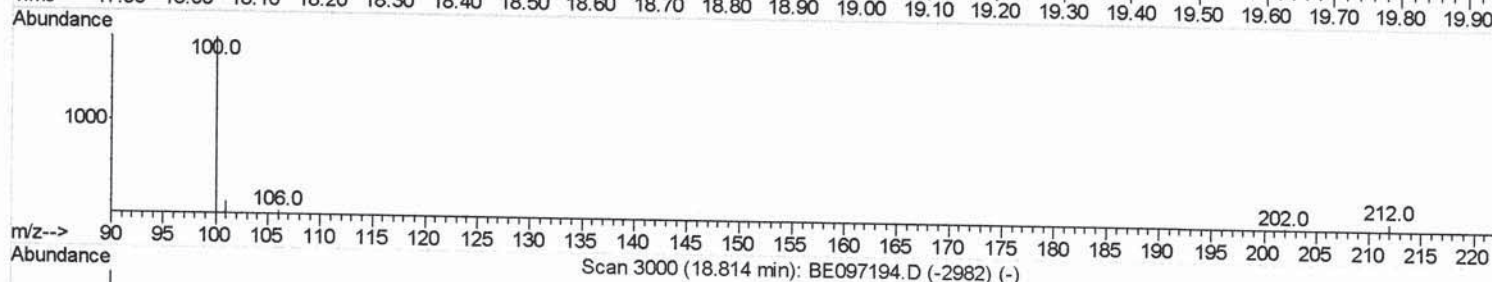
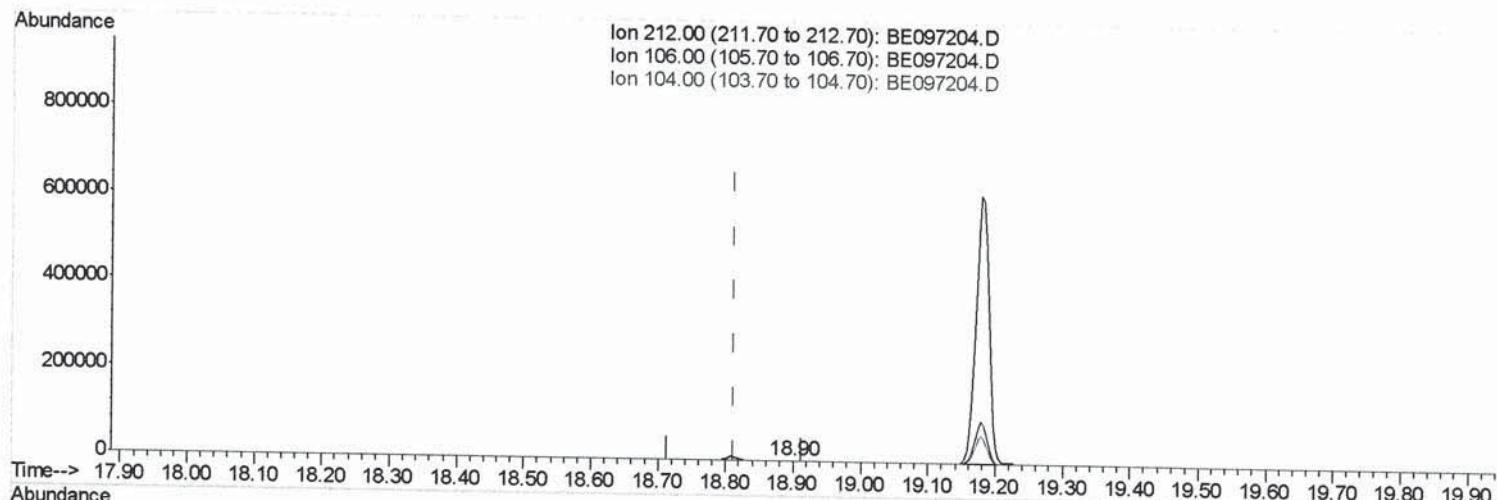
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(14) Fluoranthene-d10 (SURR)

18.900min (+0.086) 0.00ng/ul

response 88

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	5.68#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

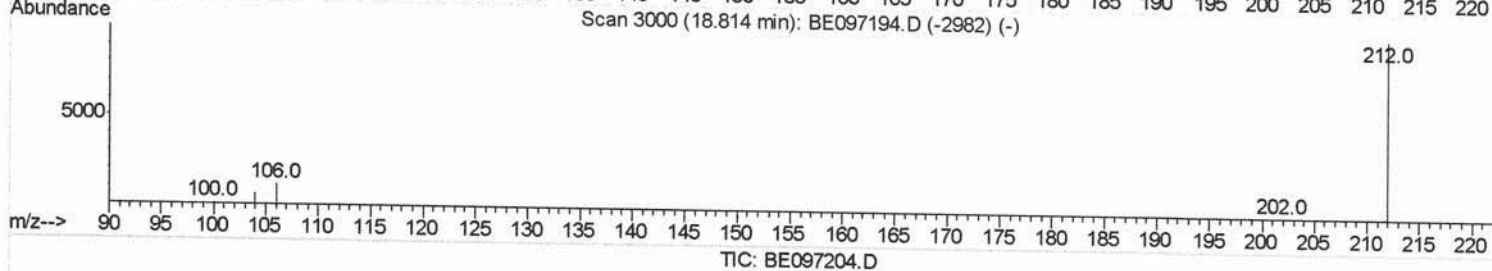
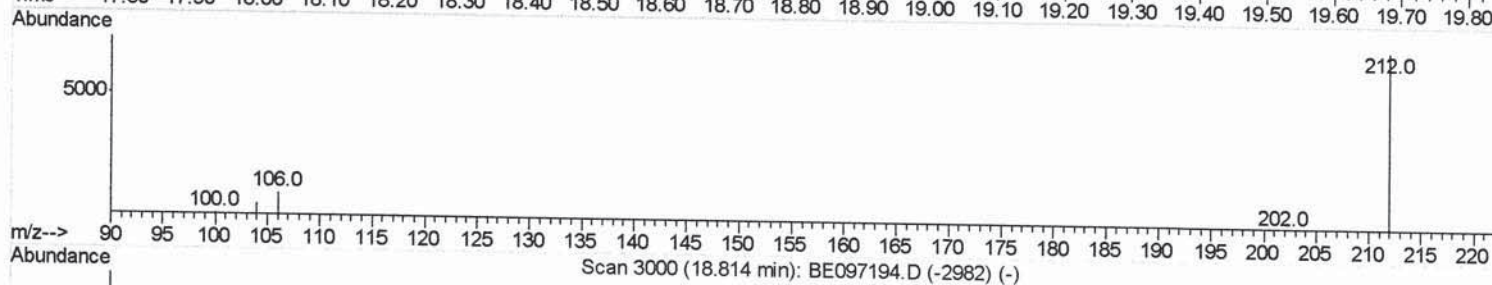
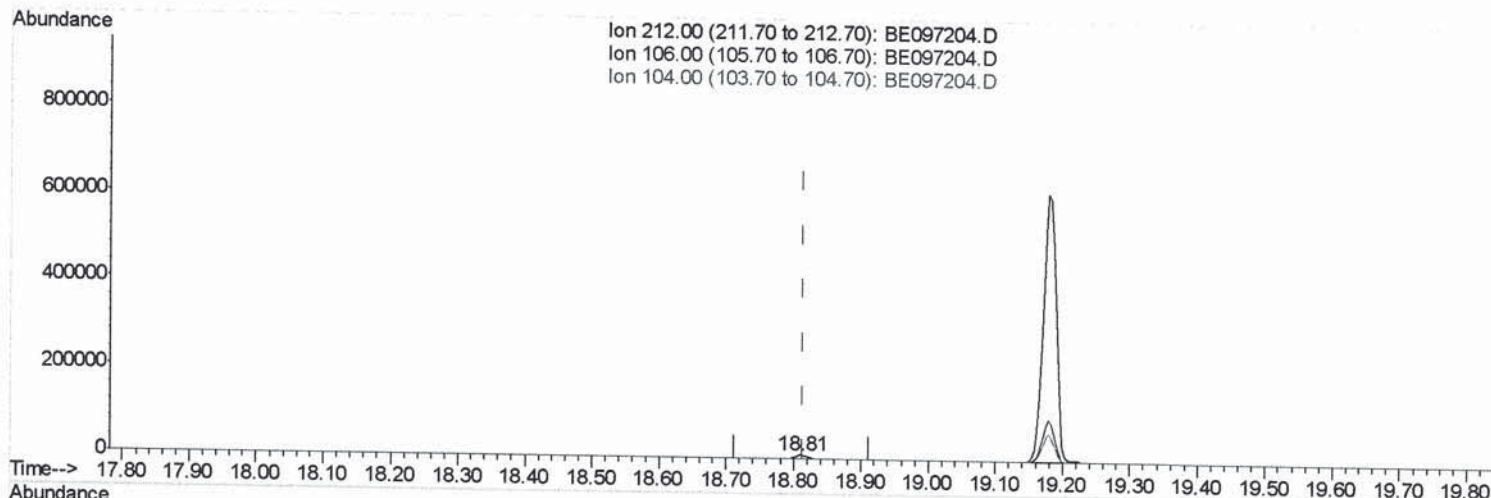
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 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(14) Fluoranthene-d10 (SURR)

18.811min (-0.003) 0.28ng/ul m

51 8/7/18

response 9985

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.05#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

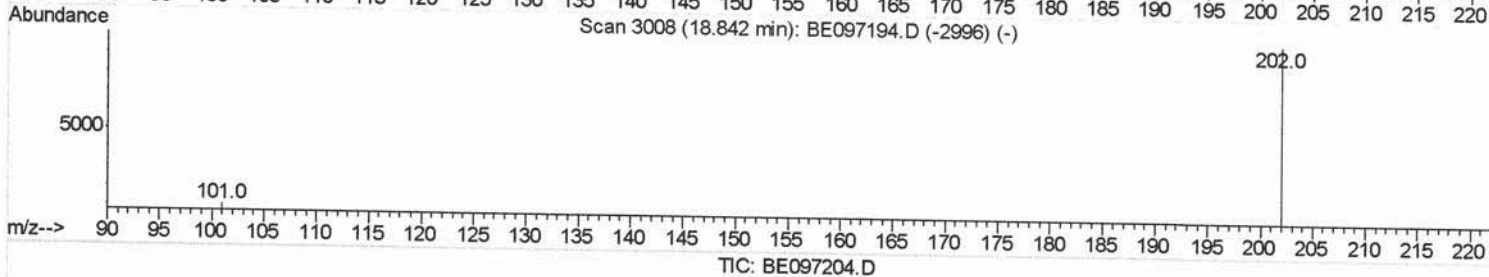
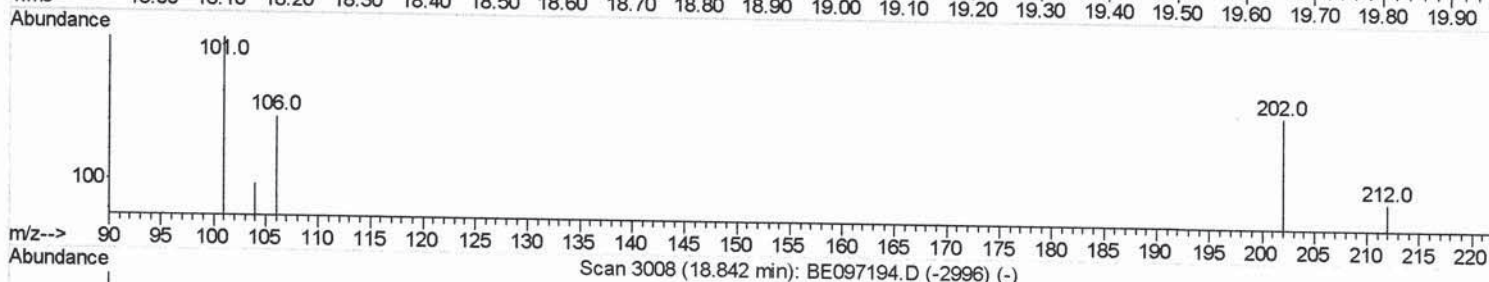
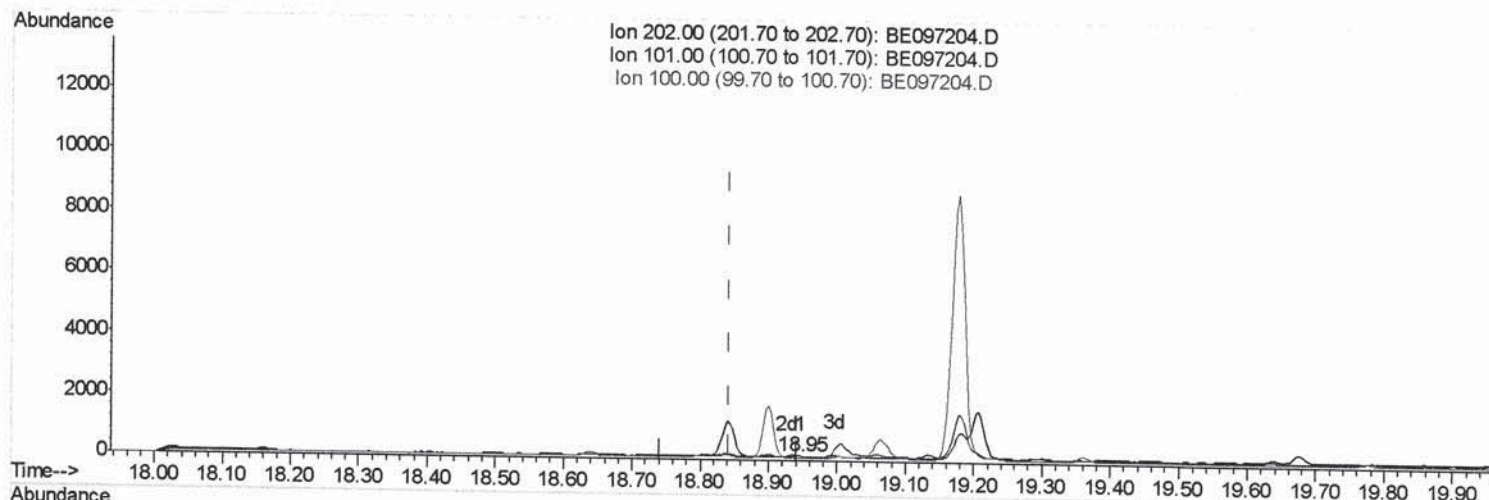
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(15) Fluoranthene (C)

18.946min (+0.104) 0.00ng/ul

response 13

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	118.25#
100.00	19.50	69.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

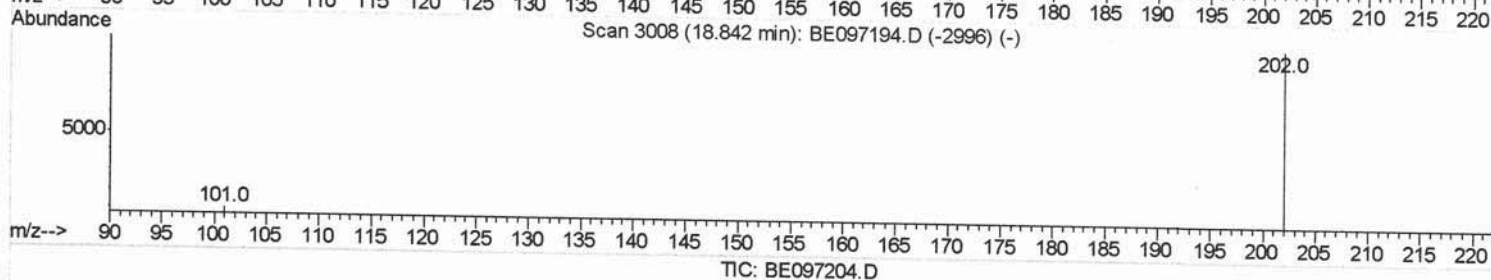
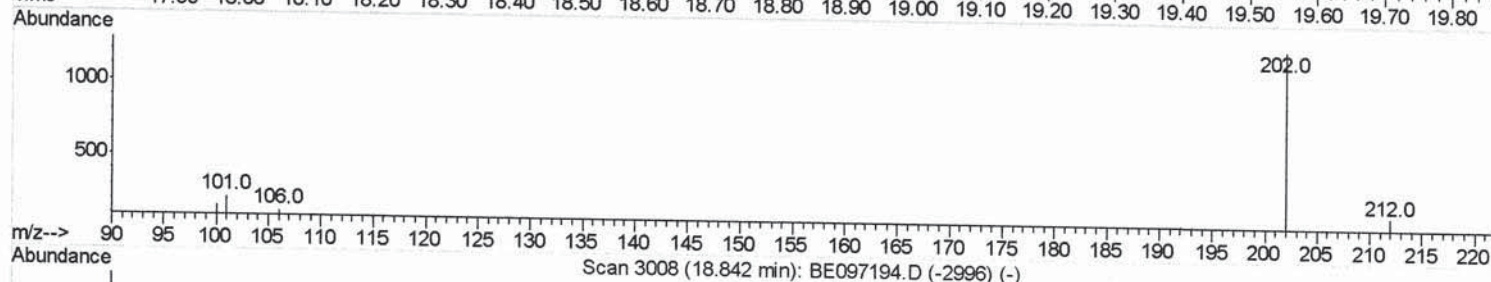
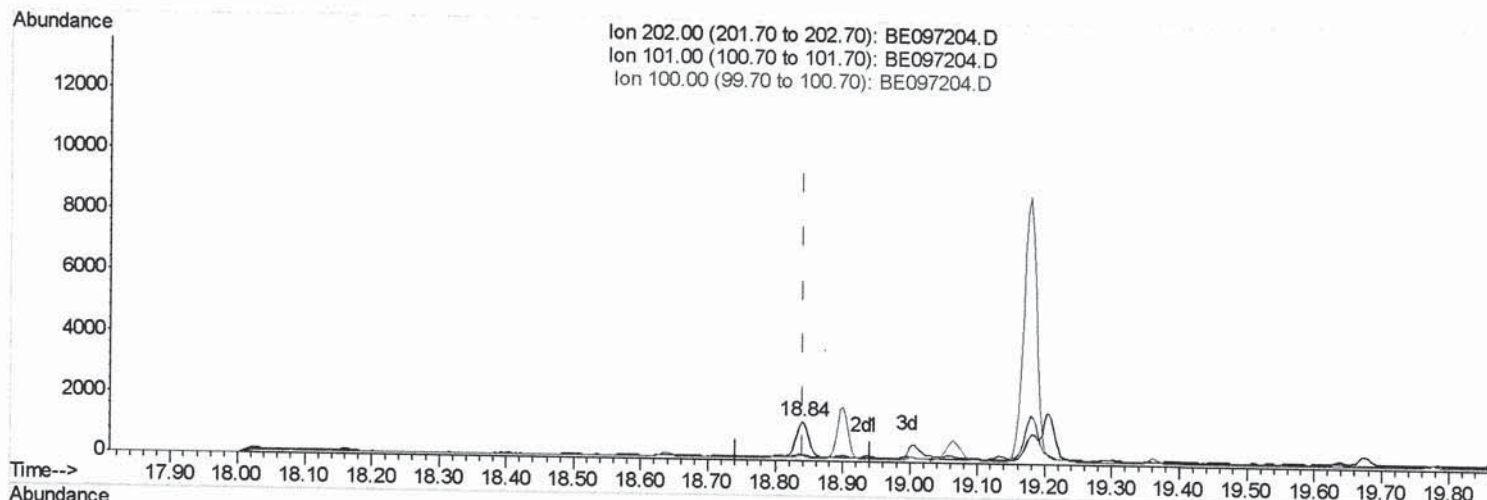
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Manual Integrations
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(15) Fluoranthene (C)

18.839min (-0.003) 0.05ng/ul m

response 1589

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	17.02
100.00	19.50	12.65
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

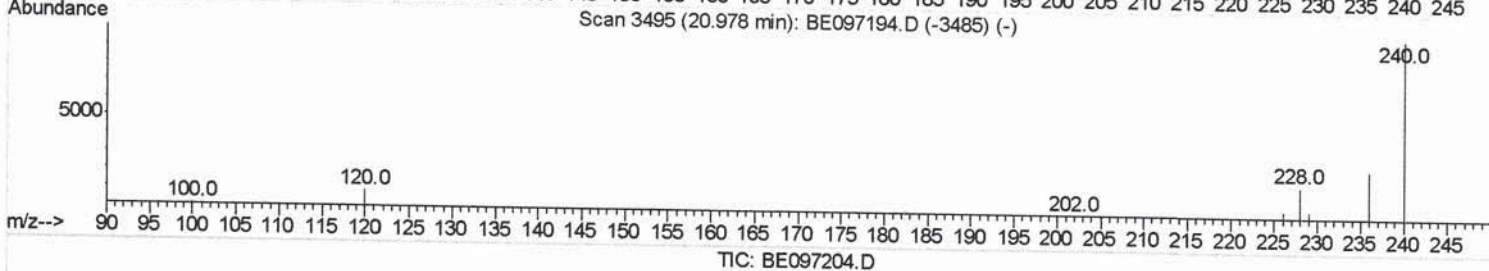
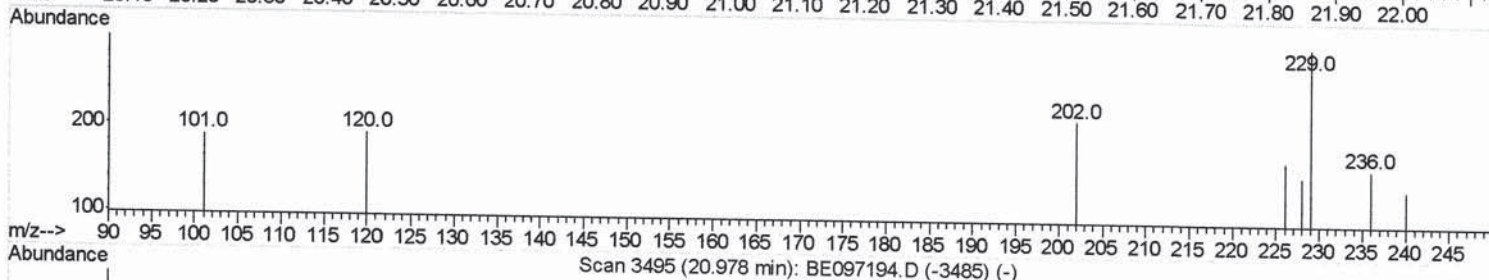
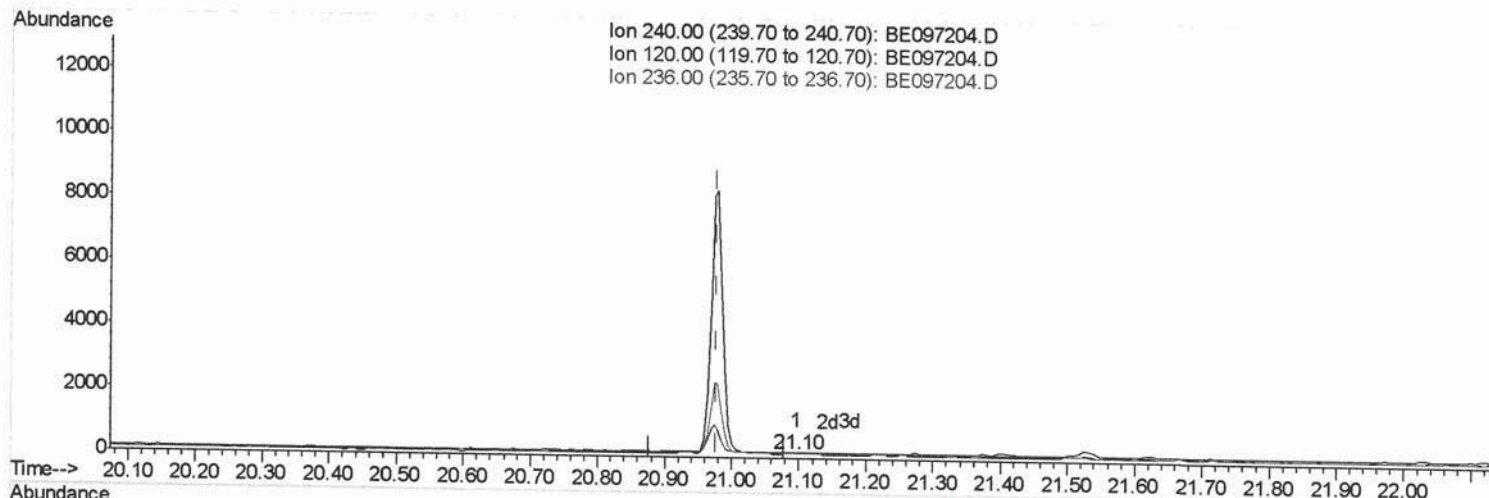
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(16) Chrysene-d12 (I)

21.096min (+0.117) 0.40ng/ul

response 49

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	138.41#
236.00	34.90	116.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

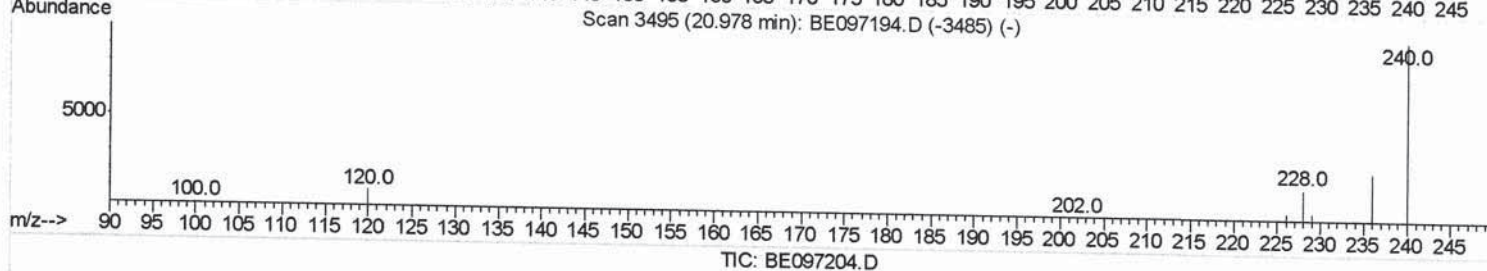
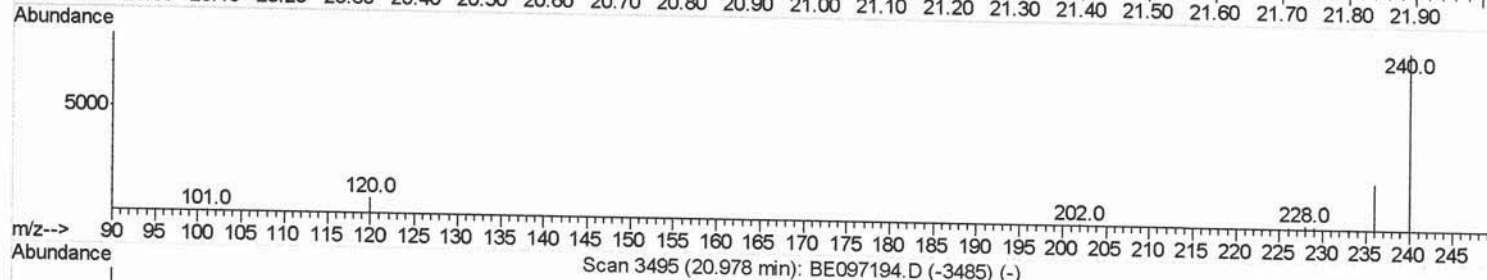
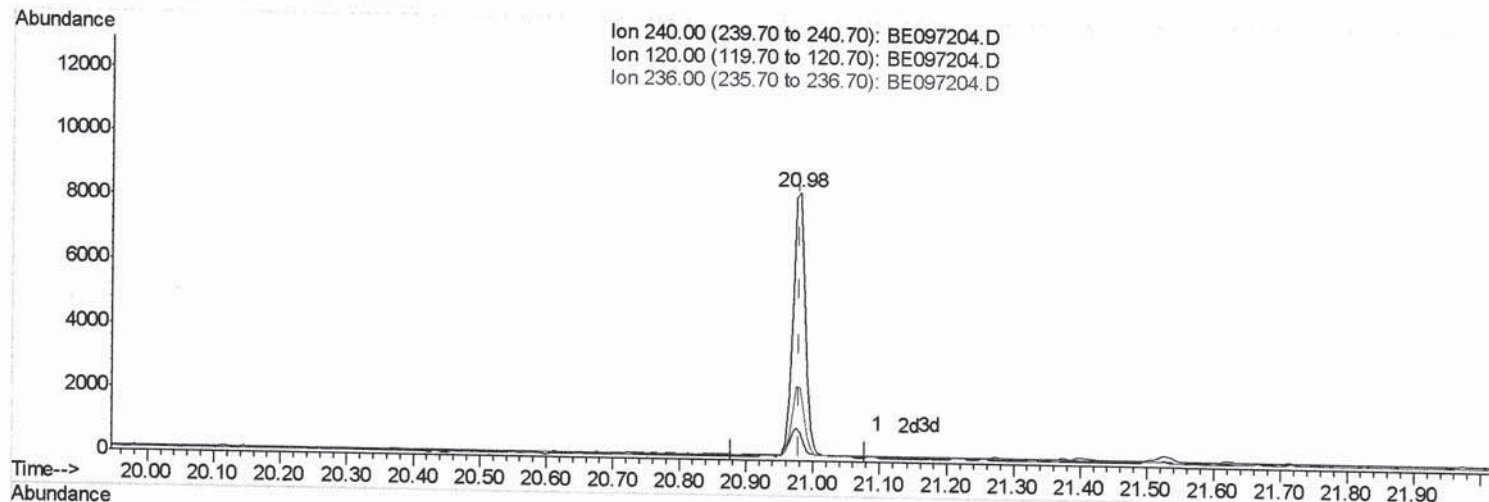
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(16) Chrysene-d12 (I)

20.979min (+0.001) 0.40ng/ul m

SJ 8/7/18

response 10457

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	10.25#
236.00	34.90	27.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

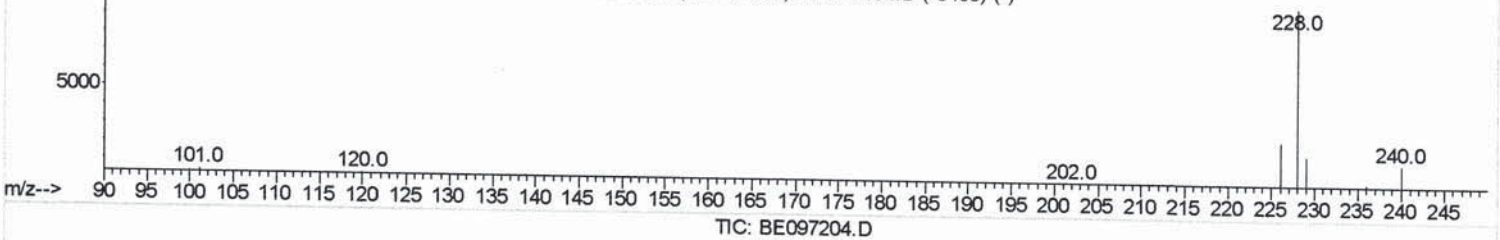
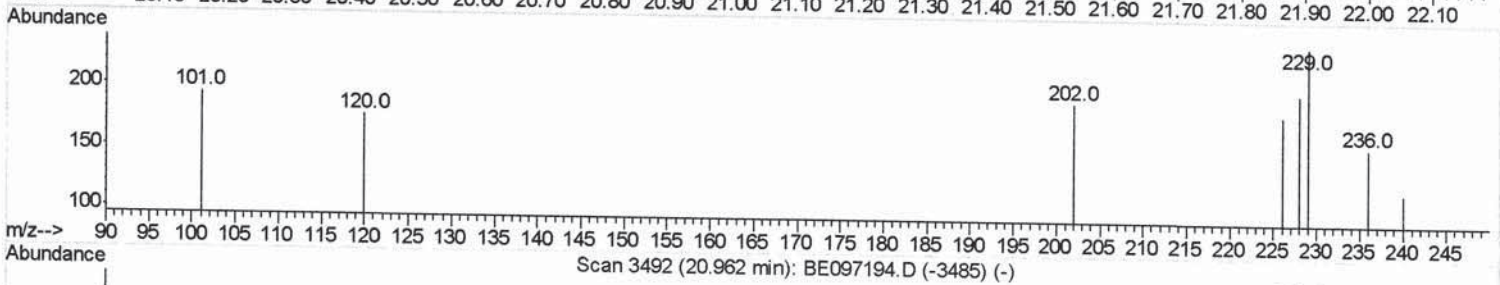
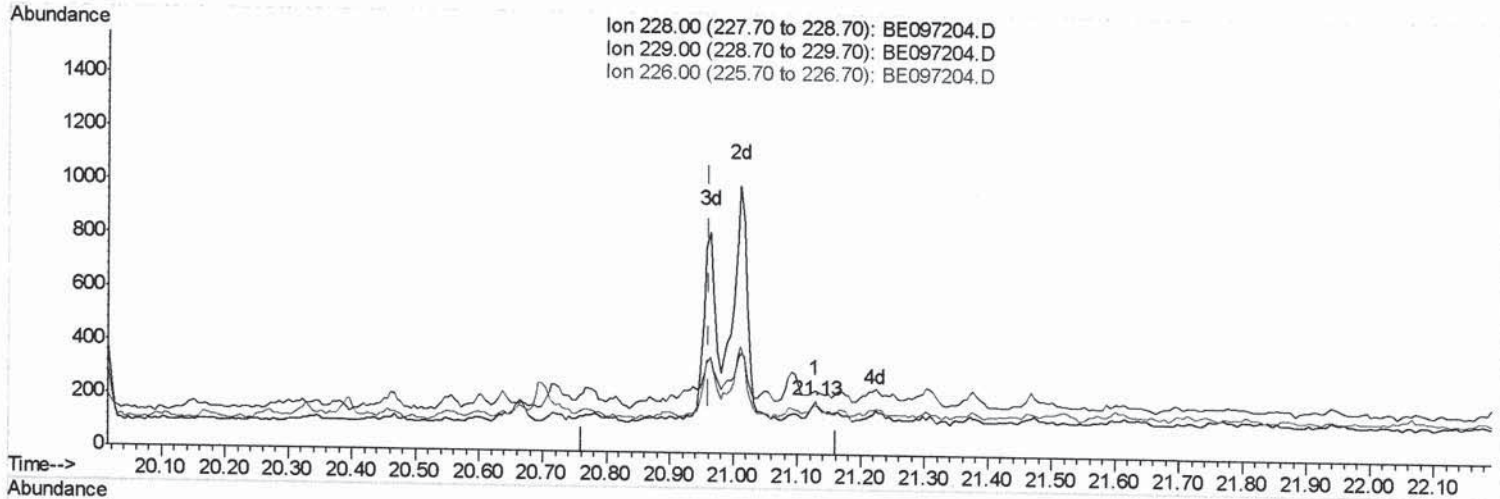
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(18) Benzo(a)anthracene

21.127min (+0.165) 0.00ng/ul

response 129

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	119.50#
226.00	21.30	91.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

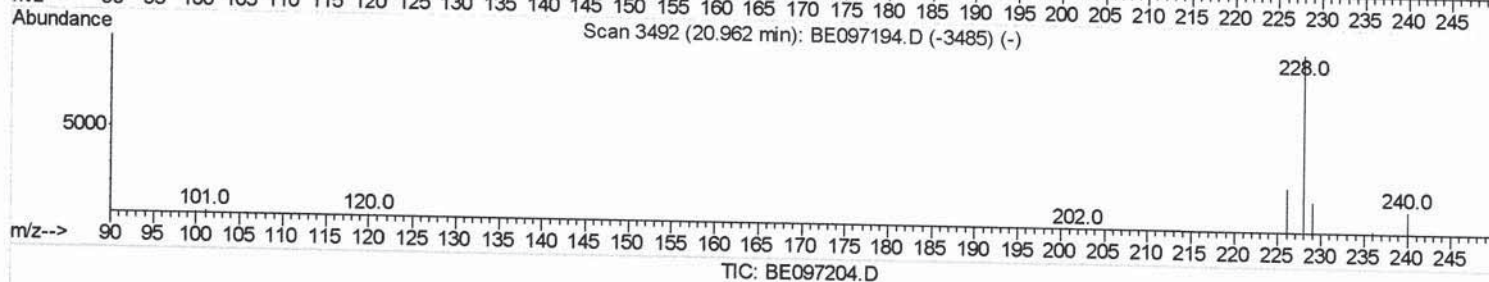
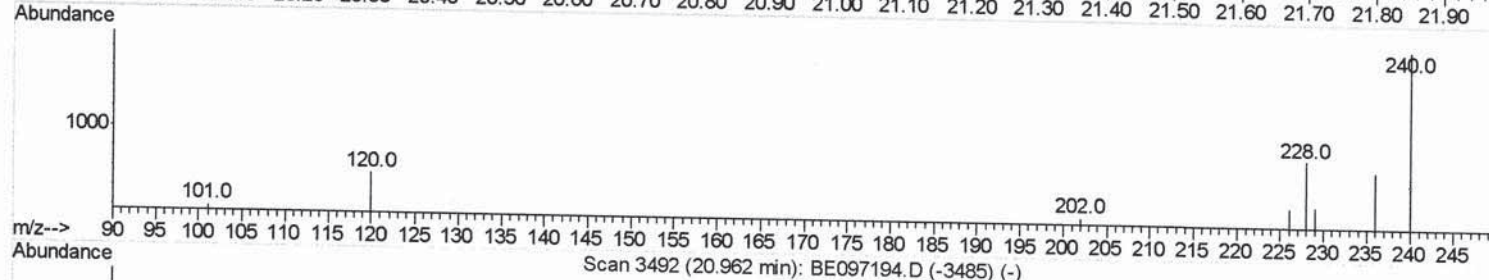
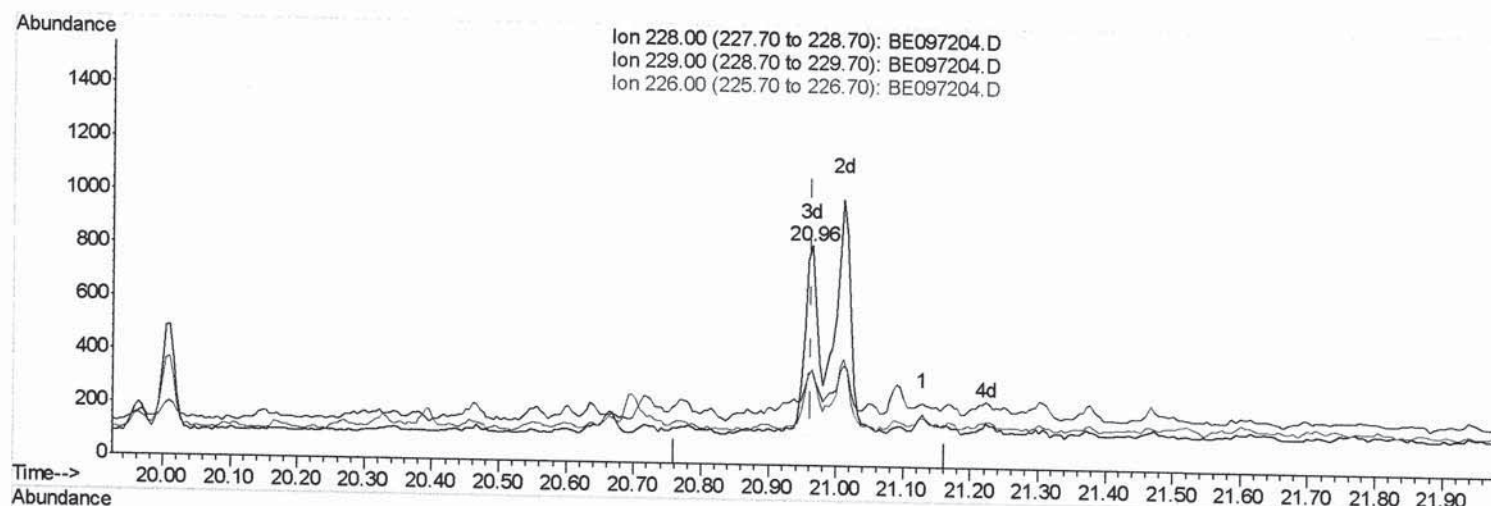
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(18) Benzo(a)anthracene

20.963min (+0.001) 0.03ng/ul m

SJ 8/7/18

response 938

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	43.64#
226.00	21.30	42.67#
0.00	0.00	0.00

Quantitation Report (Qedit)

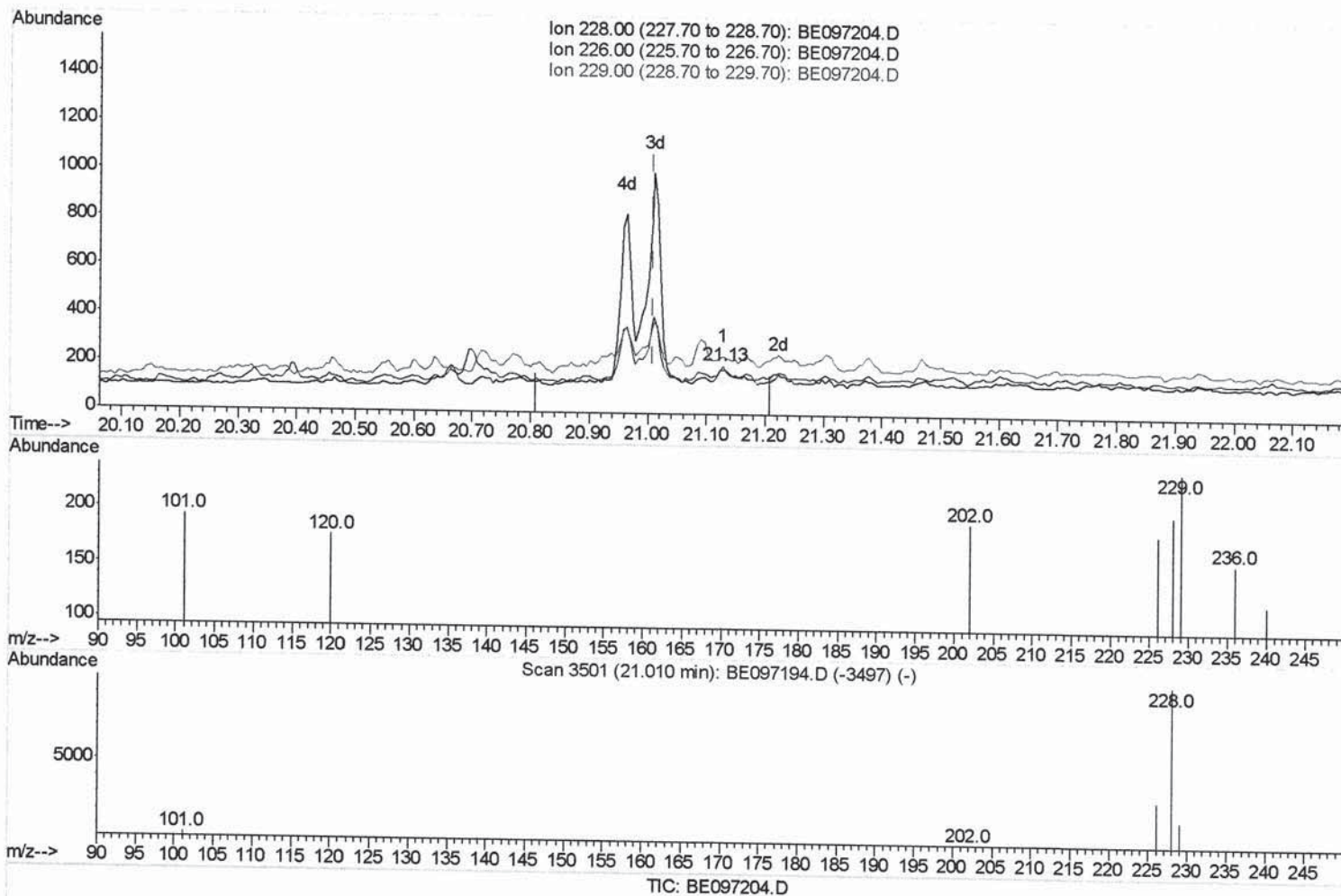
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(19) Chrysene

21.127min (+0.117) 0.00ng/ul

response 129

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	91.00#
229.00	22.10	119.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

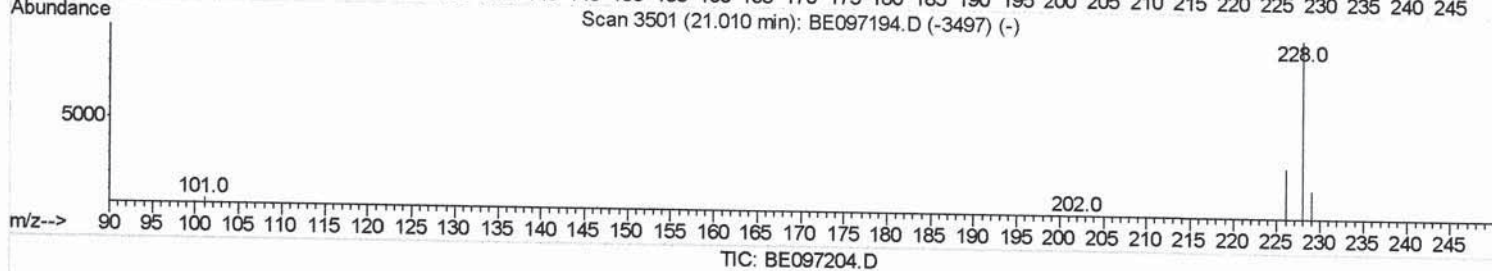
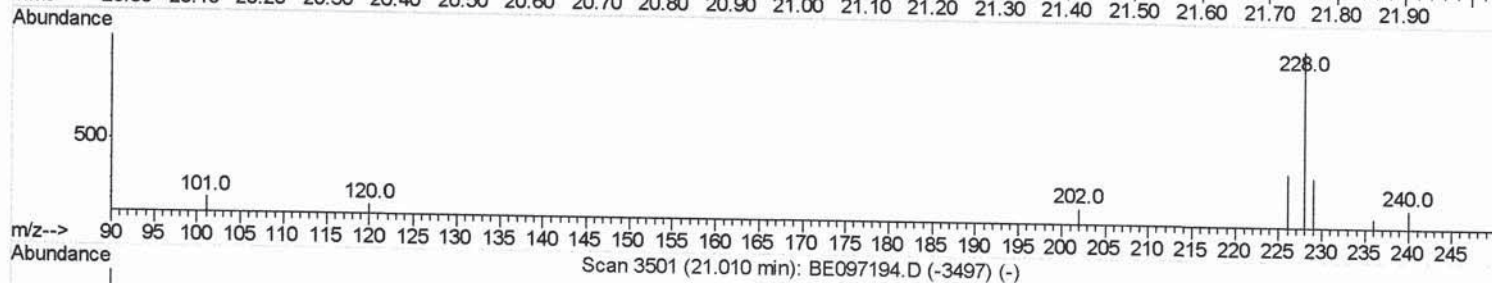
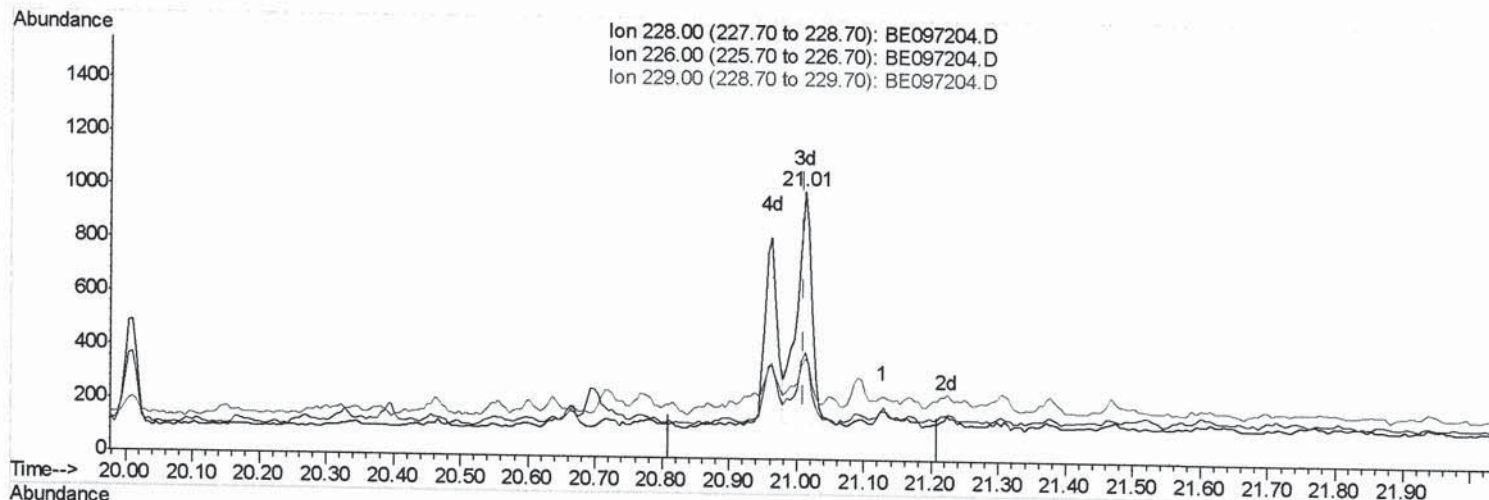
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(19) Chrysene

21.011min (+0.001) 0.04ng/ul m

response 1293

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	39.94#
229.00	22.10	37.94#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

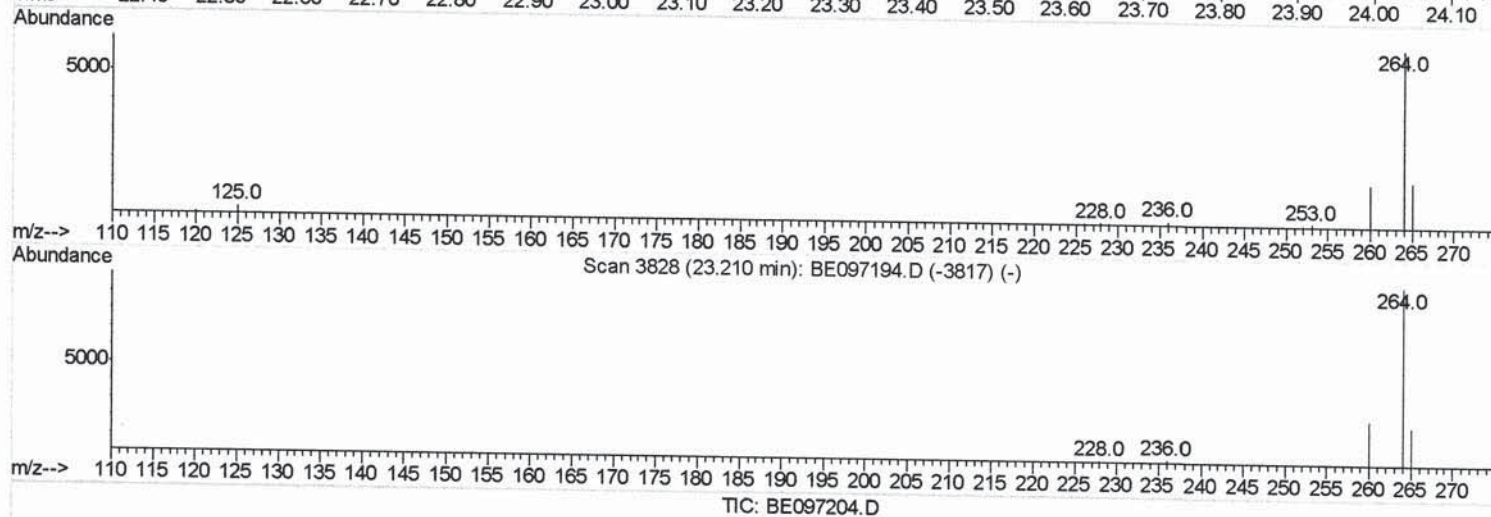
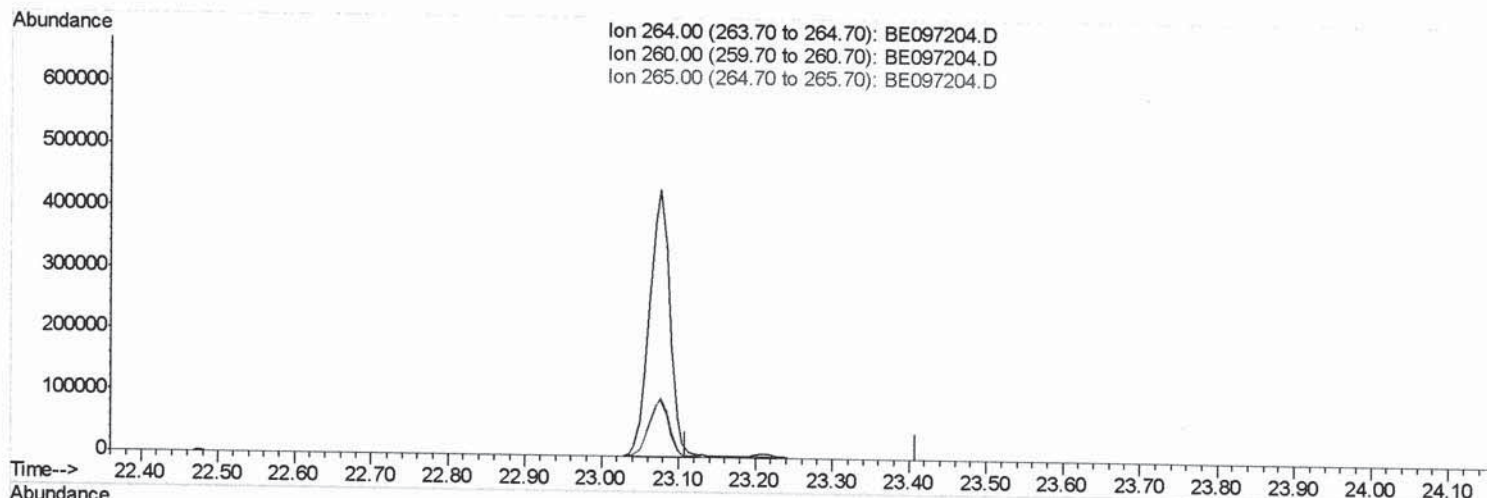
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Data File : BE097204.D
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Operator : SJ/JU
Sample : J4206-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J5

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:57:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.210min (-23.210) 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)

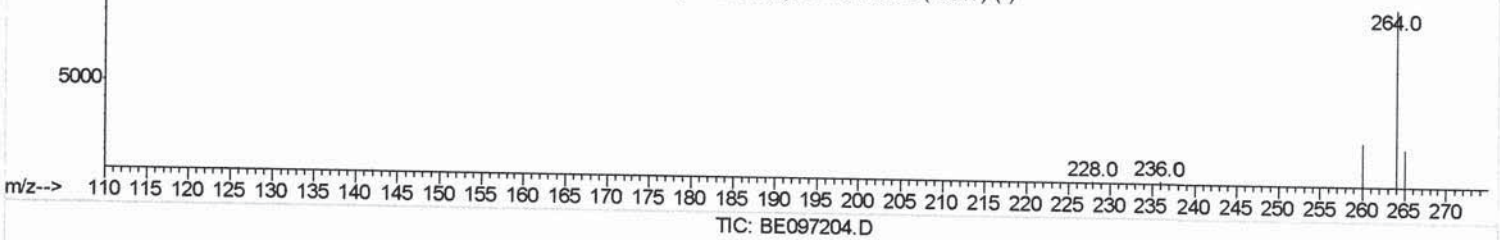
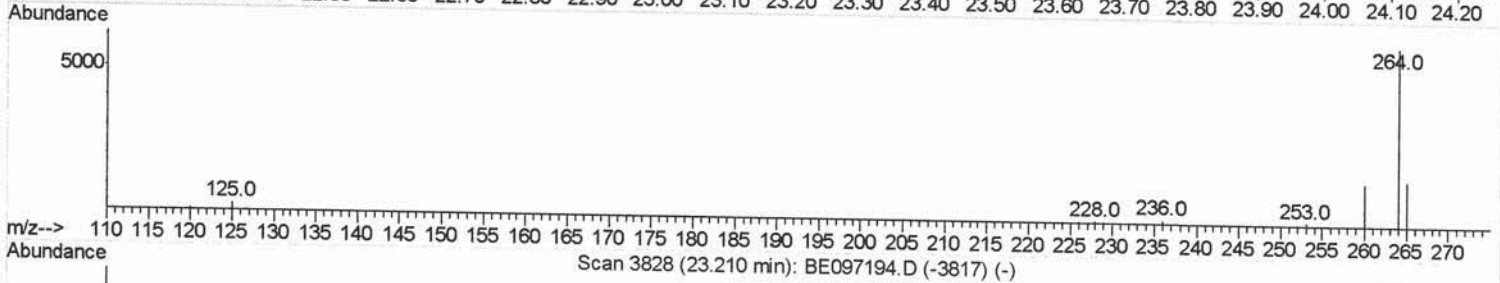
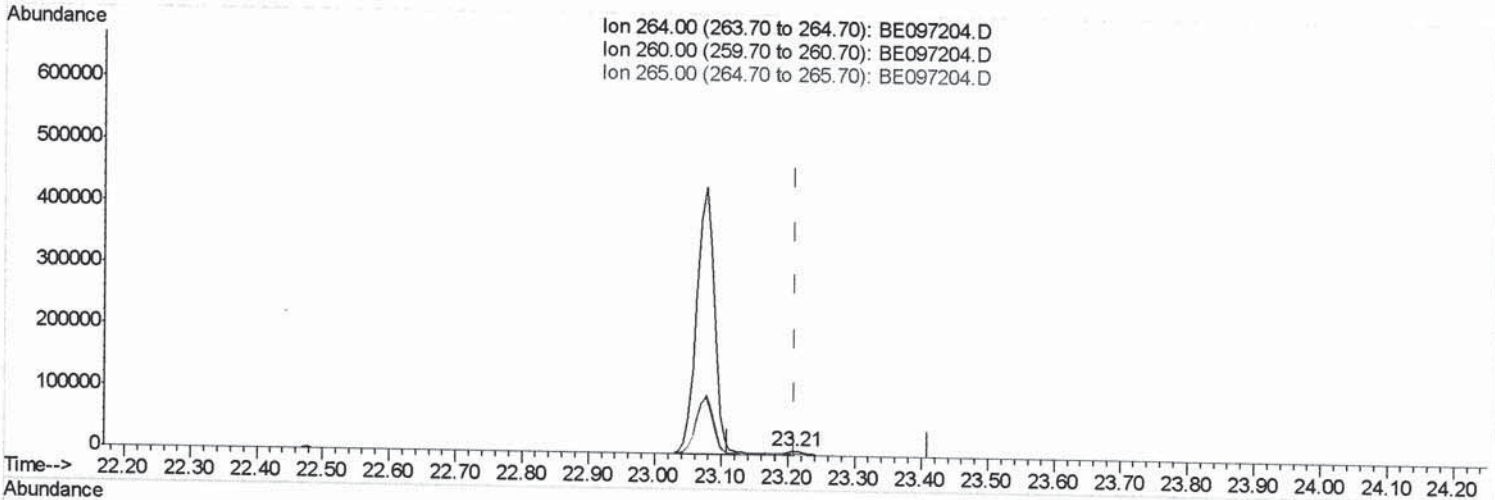
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:57:24 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.210min (+0.001) 0.40ng/ul m

response 9689

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.62
265.00	103.50	26.42#
0.00	0.00	0.00

558/7/18

Quantitation Report (Qedit)

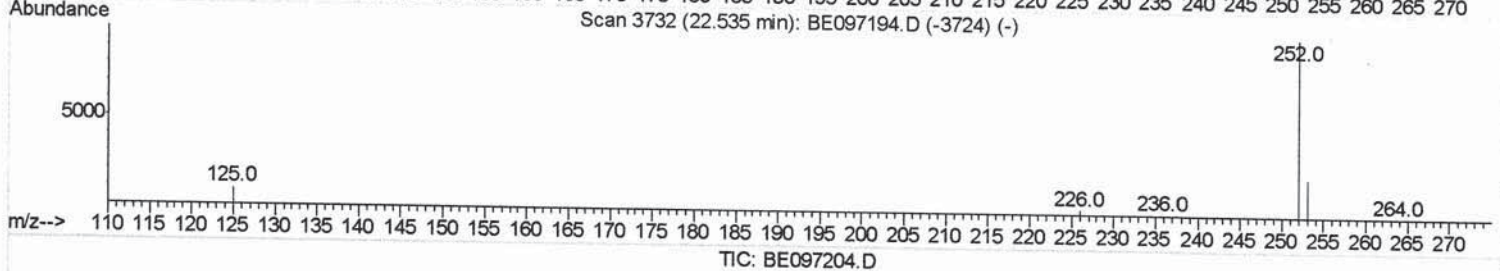
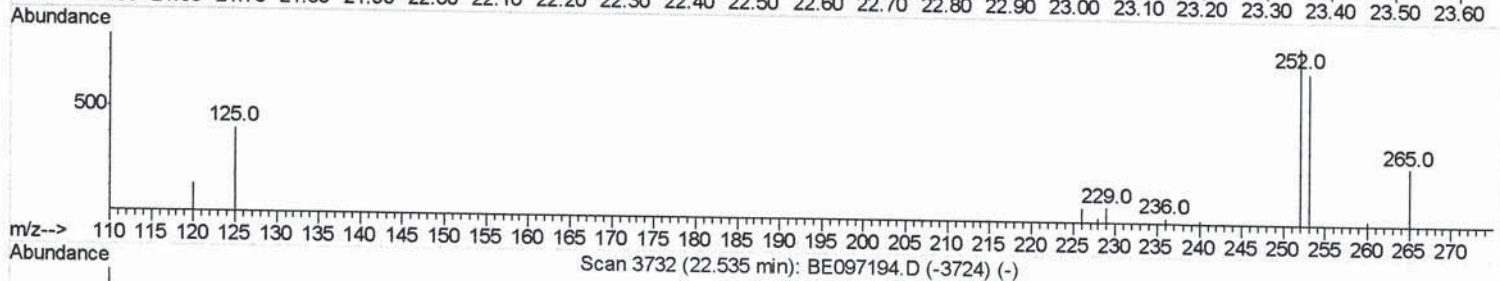
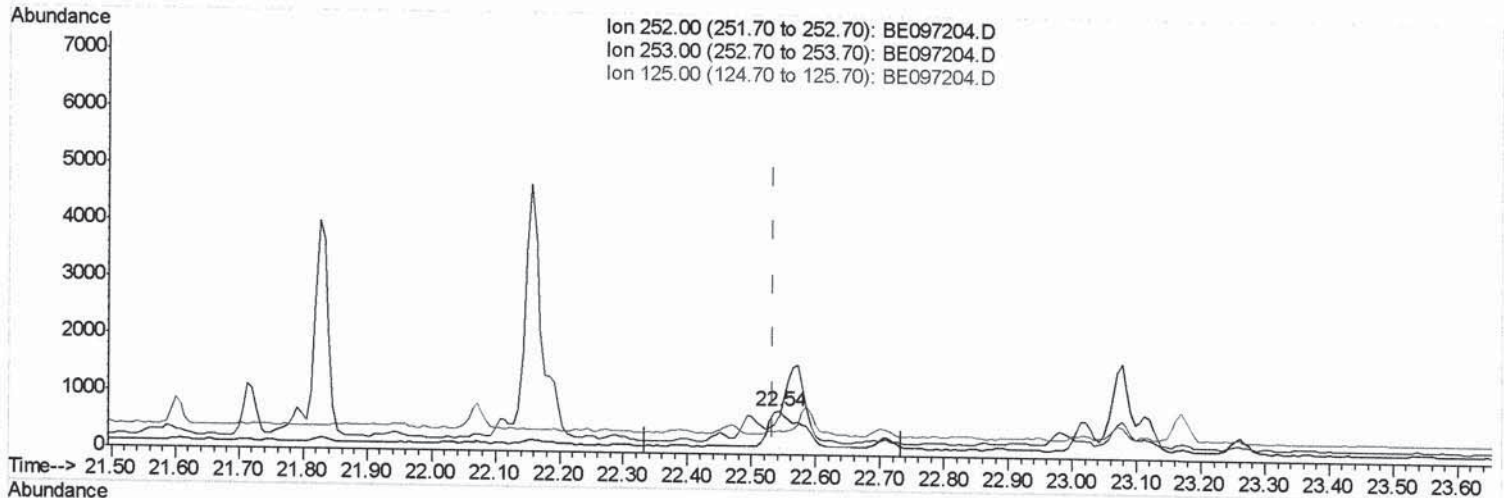
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:59:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene
 22.542min (+0.008) 0.08ng/ul
 response 2164

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	87.84#
125.00	17.50	54.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

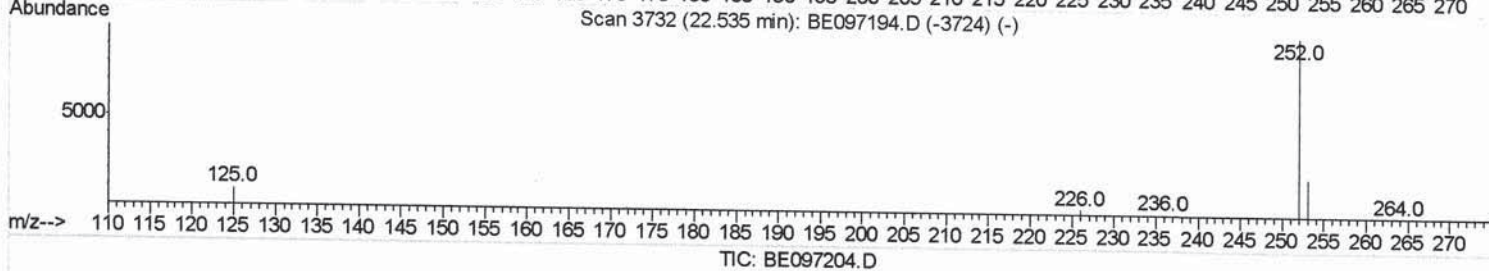
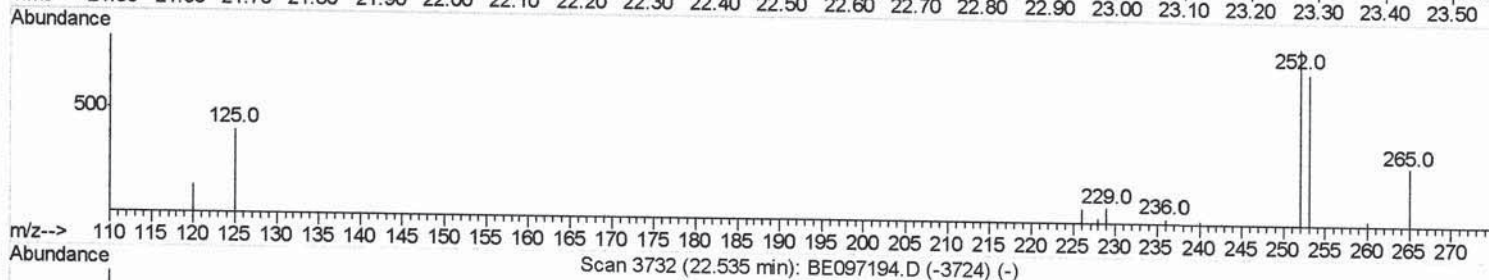
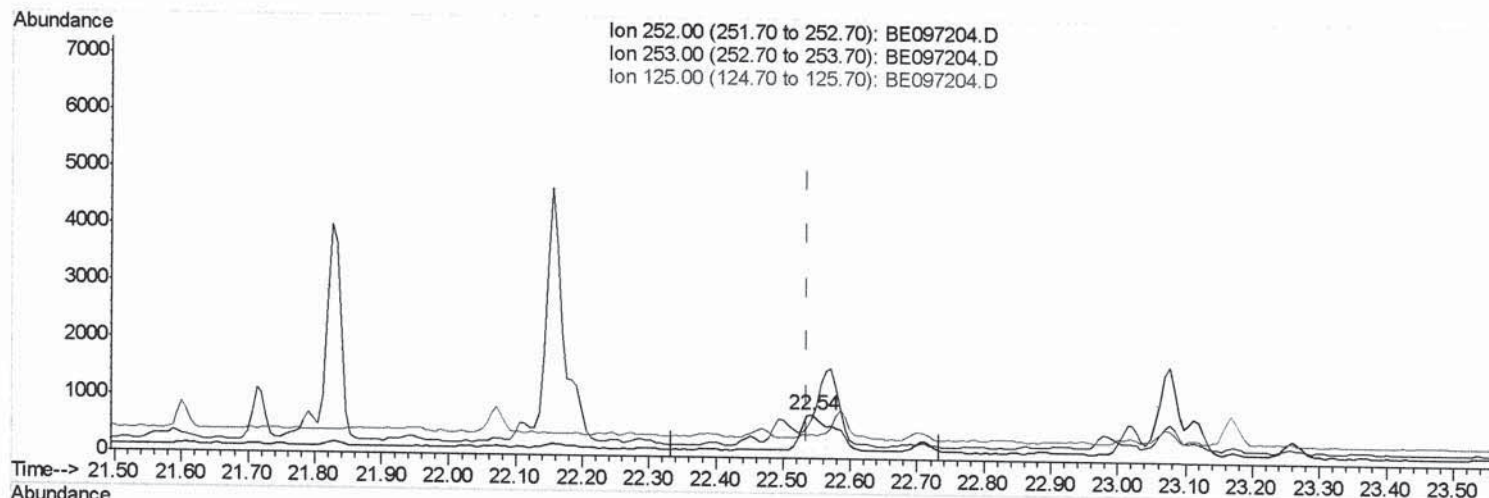
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097204.D
Acq On : 4 Aug 2018 16:44
Operator : SJ/JU
Sample : J4206-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J5

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:59:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.008) 0.06ng/ul m

SJ 8/7/18

response 1483

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	87.84#
125.00	17.50	54.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

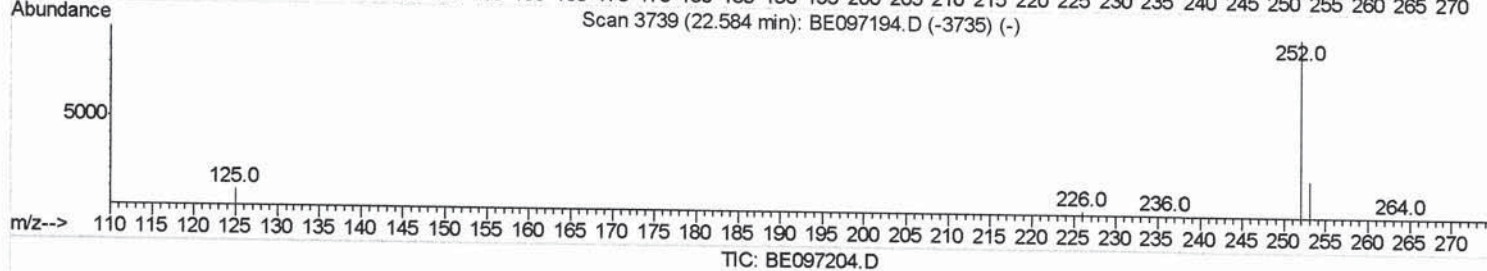
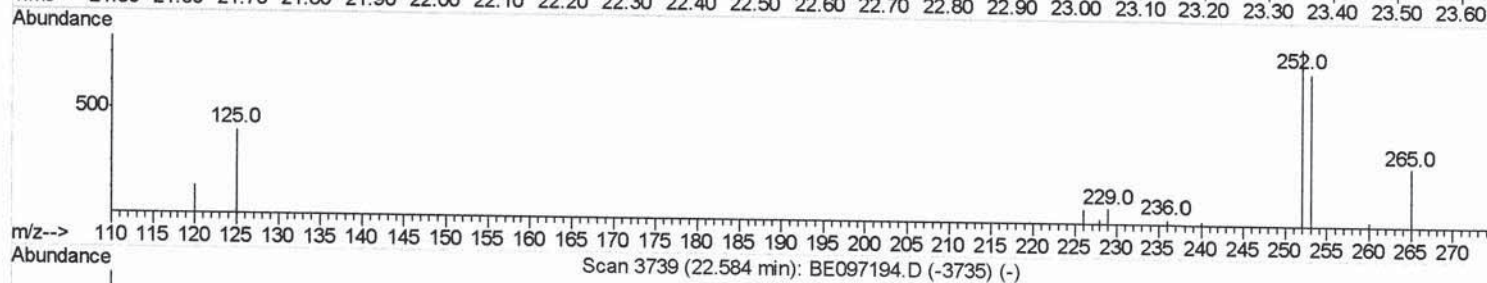
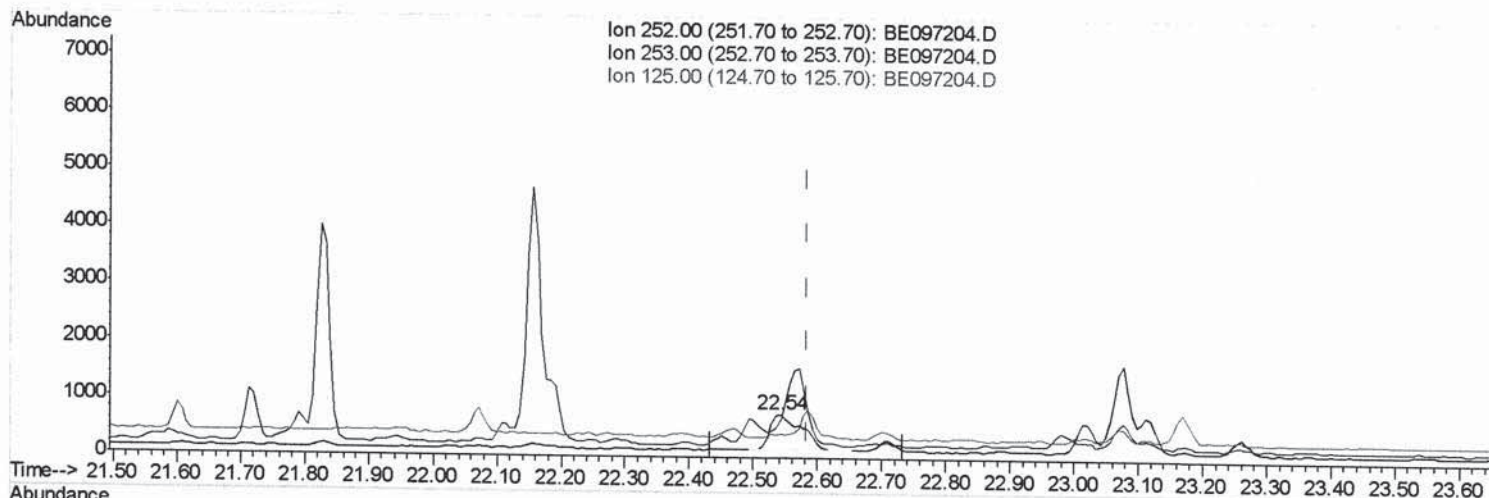
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097204.D
Acq On : 4 Aug 2018 16:44
Operator : SJ/JU
Sample : J4206-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J5

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:59:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.542min (-0.042) 0.08ng/ul

response 2139

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	87.84#
125.00	17.10	54.77#
0.00	0.00	0.00

Quantitation Report (Qedit)

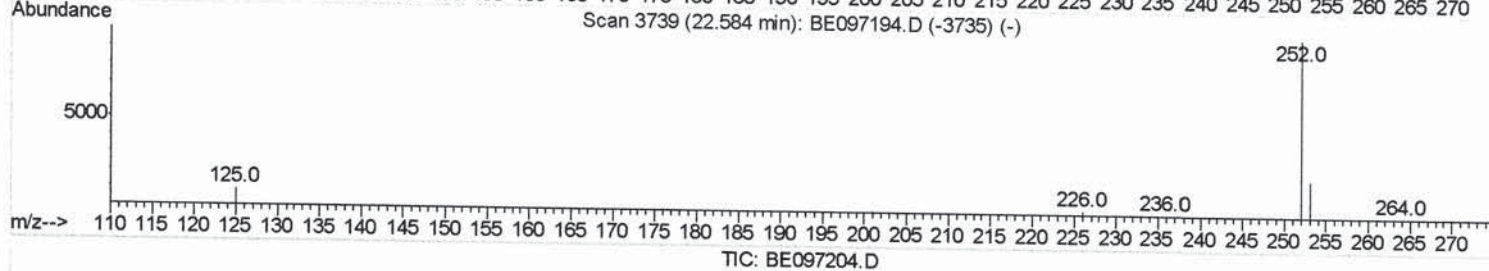
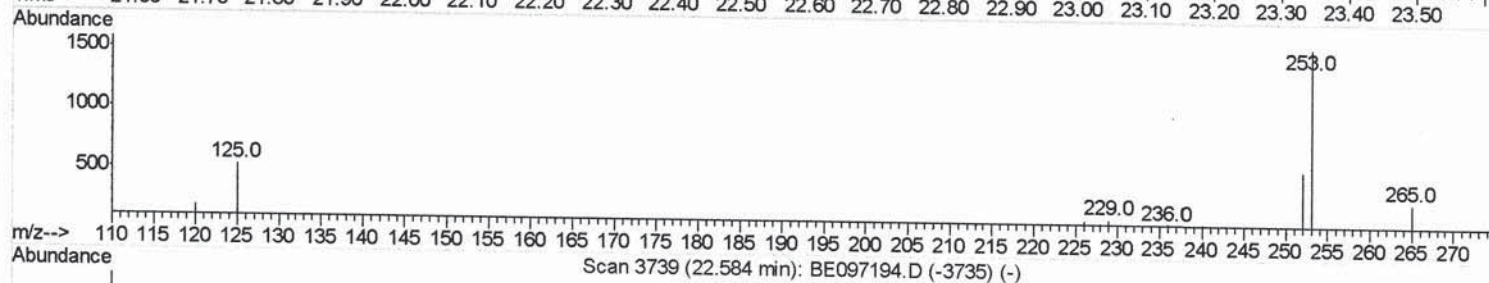
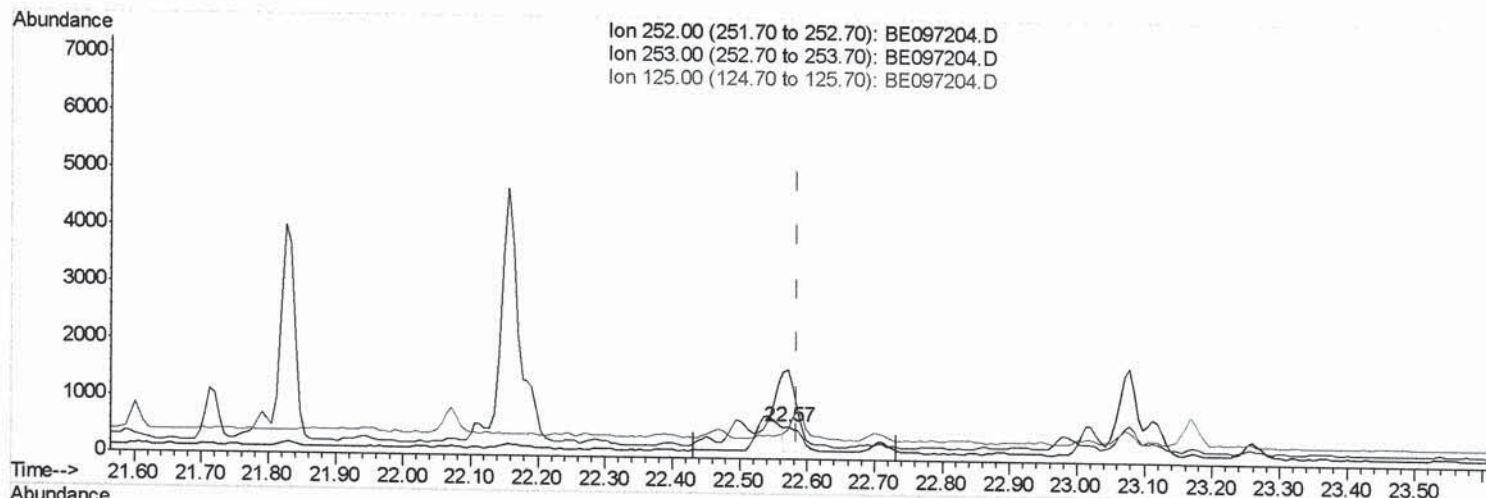
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:59:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.570min (-0.014) 0.02ng/ul m

SJ 8/7/18

response 693

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	278.27#
125.00	17.10	93.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

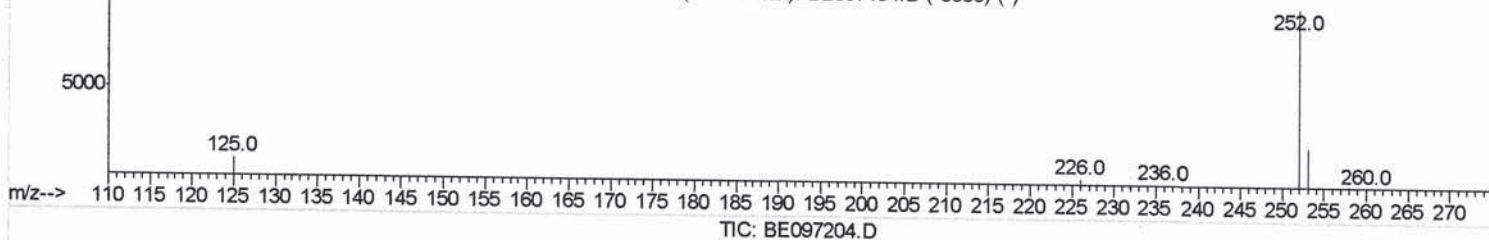
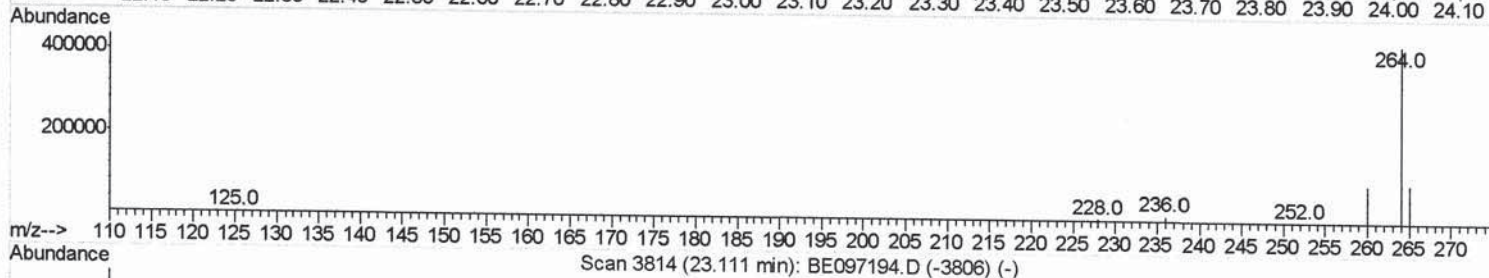
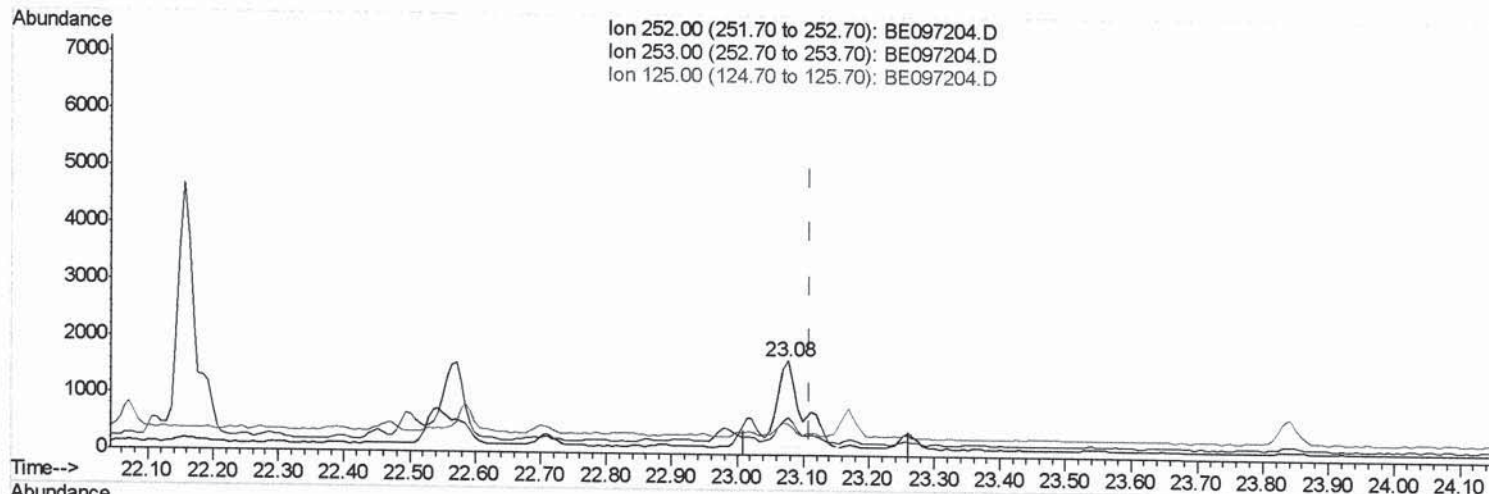
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:59:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.077min (-0.035) 0.14ng/ul

response 3806

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	40.17
125.00	22.60	33.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

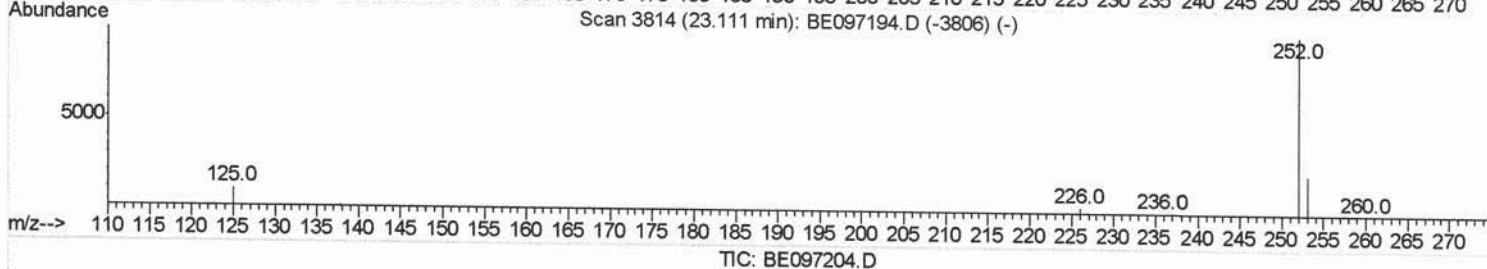
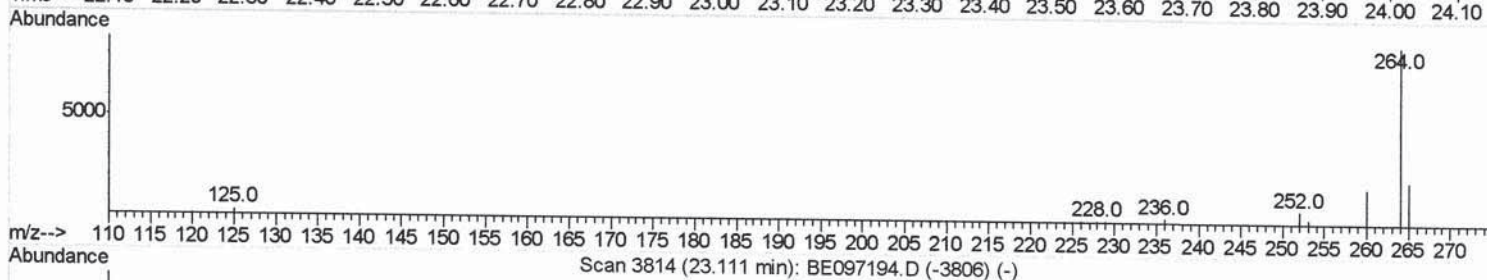
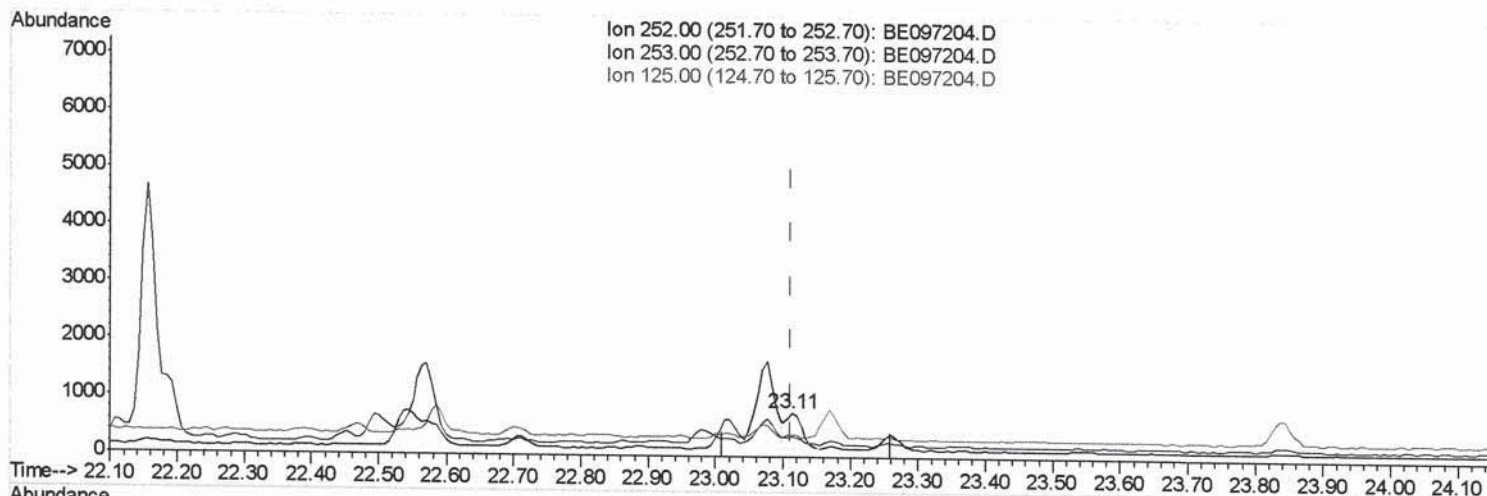
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097204.D
Acq On : 4 Aug 2018 16:44
Operator : SJ/JU
Sample : J4206-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1J5

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:52 PM

Quant Time: Aug 06 01:59:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.112min (+0.001) 0.04ng/ul m

response 989

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	46.92#
125.00	22.60	49.28#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097204.D
 Acq On : 4 Aug 2018 16:44
 Operator : SJ/JU
 Sample : J4206-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1J5

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:52 PM

Quant Time: Aug 06 02:00:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1290	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7025	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4411	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10296m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	10457m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9689m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.73	152	3156	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9985m	0.28	ng/ul	0.00

Target Compounds

	R.T.	QIon	Response	Conc	Units	Dev(Min)	Ovalue
3) Naphthalene	10.18	128	507	0.030	ng/ul#	76	
5) 2-Methylnaphthalene	11.80	142	459	0.041	ng/ul	98	
12) Phenanthrene	16.81	178	1192m	0.045	ng/ul		
15) Fluoranthene	18.84	202	1589m	0.046	ng/ul		
17) Pyrene	19.21	202	2118	0.076	ng/ul	94	
18) Benzo(a)anthracene	20.96	228	938m	0.031	ng/ul		
19) Chrysene	21.01	228	1293m	0.042	ng/ul		
21) Benzo(b)fluoranthene	22.54	252	1483m	0.056	ng/ul		
22) Benzo(k)fluoranthene	22.57	252	693m	0.024	ng/ul		
23) Benzo(a)pyrene	23.11	252	989m	0.037	ng/ul		
24) Indeno(1,2,3-cd)pyrene	25.50	276	815	0.025	ng/ul#	89	
26) Benzo(g,h,i)perylene	26.20	276	929	0.033	ng/ul#	71	

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