

Quantitation Report (QT Reviewed)

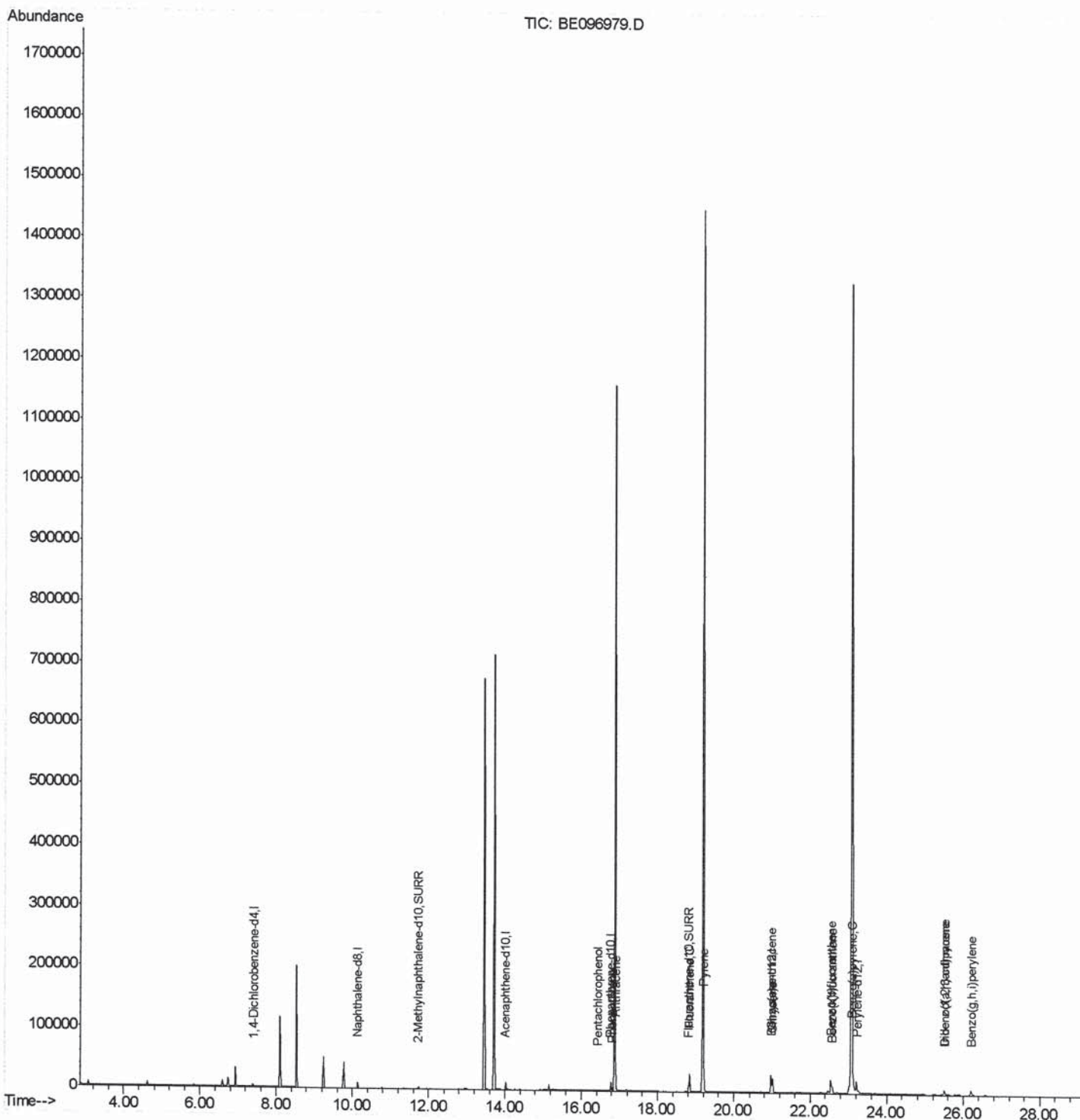
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:49:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

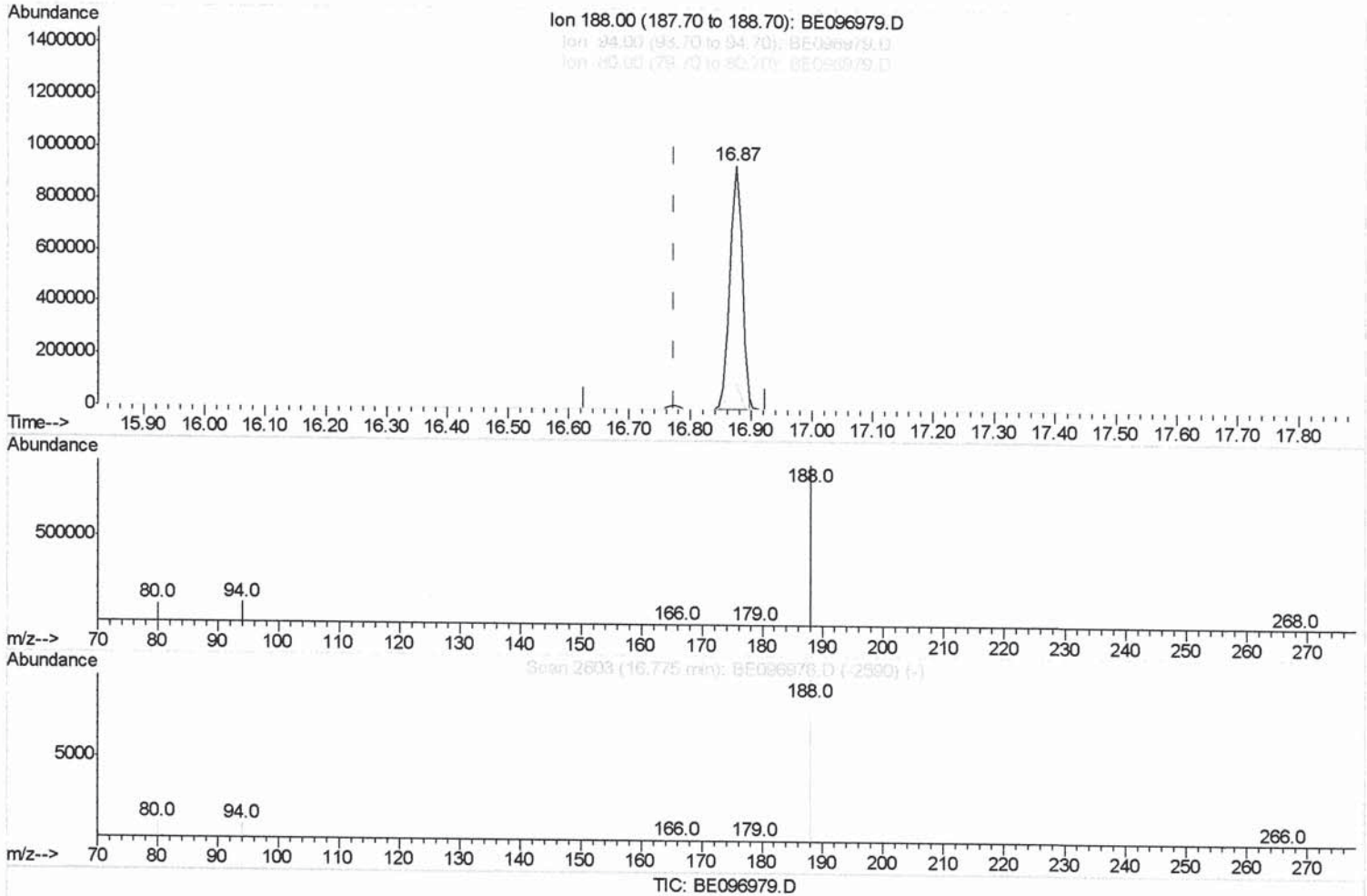
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Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:16:00 2018
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(10) Phenanthrene-d10 (I)
 16.875min (+0.099) 0.40ng/ul
 response 1283375

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.19
80.00	11.80	11.08
0.00	0.00	0.00

Quantitation Report (Qedit)

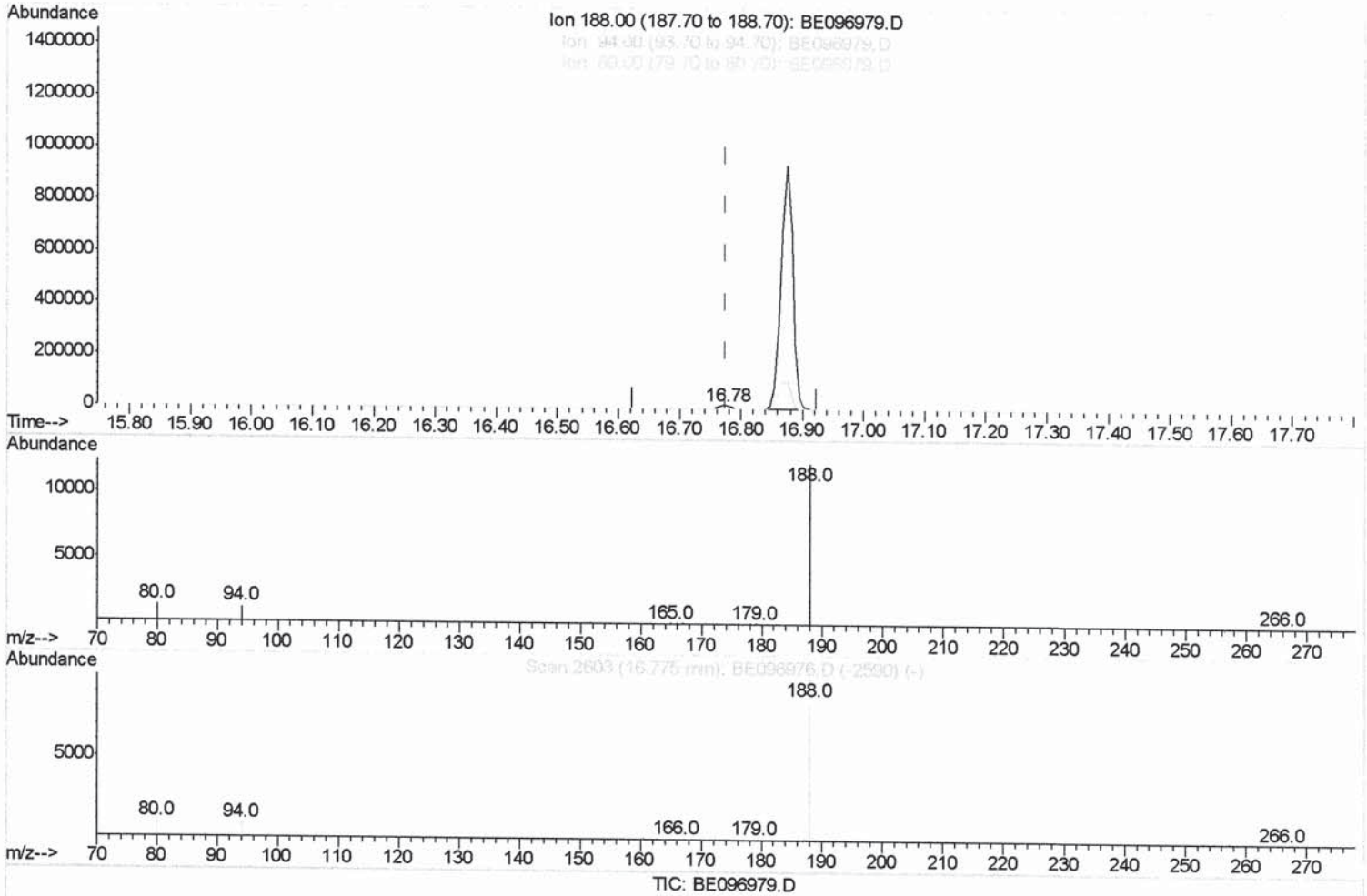
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(10) Phenanthrene-d10 (I)

16.776min (+0.001) 0.40ng/ul m

response 18327

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.33
80.00	11.80	10.45
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

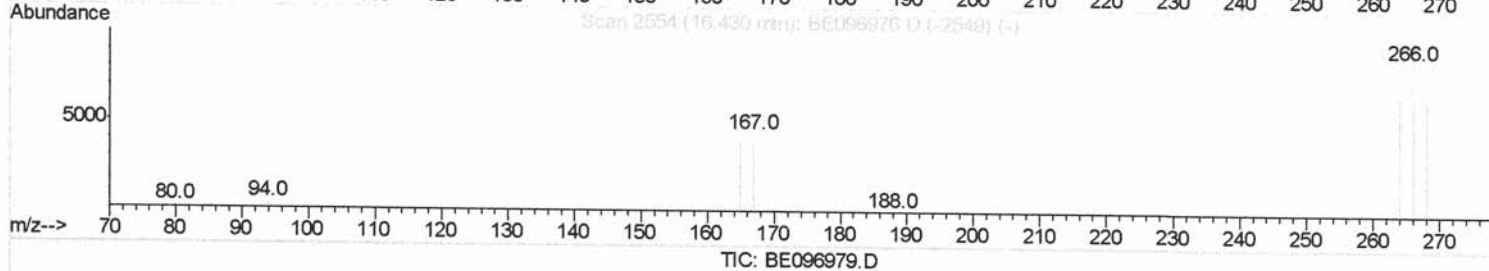
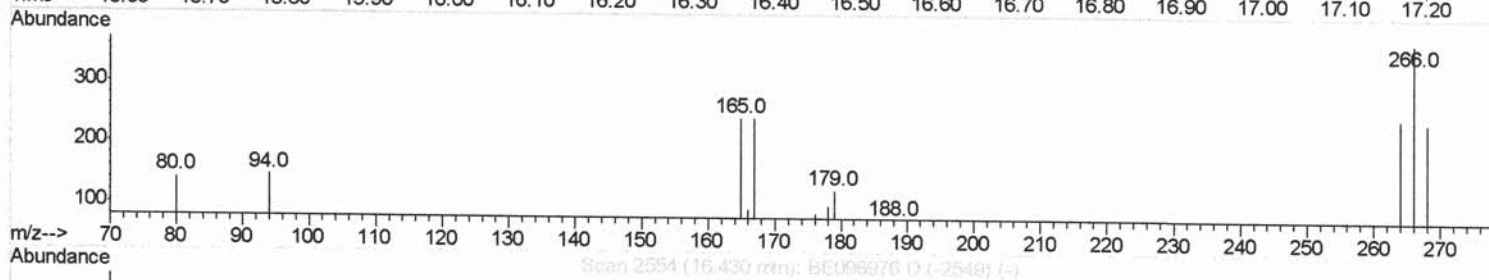
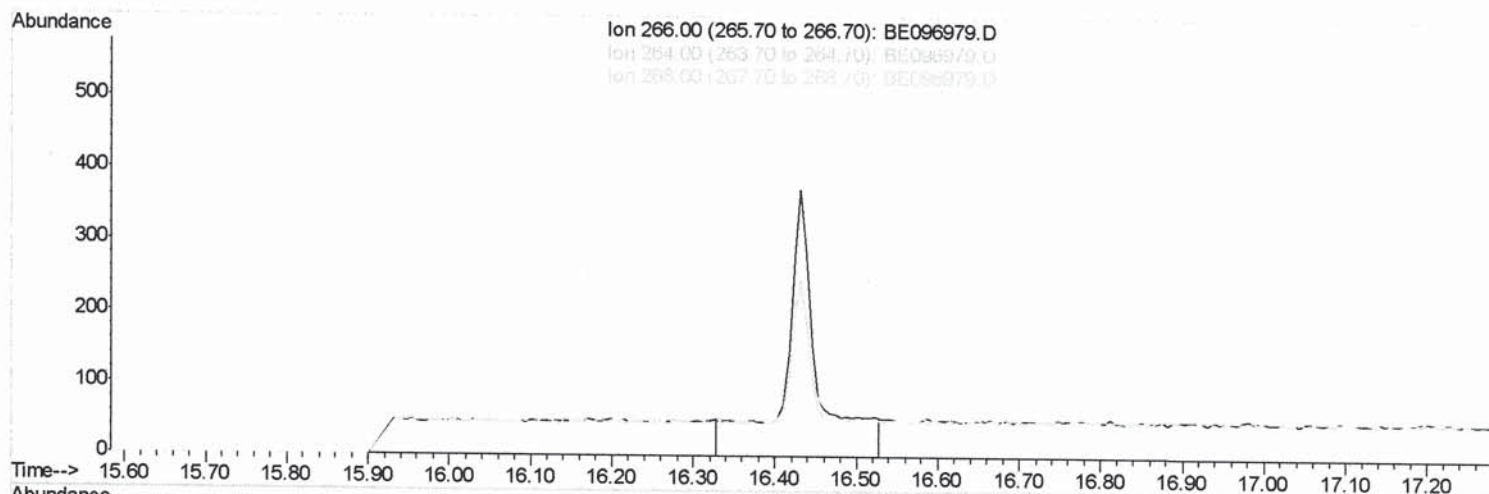
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(11) Pentachlorophenol

16.430min (-16.430) 0.00ng/ul

response 0

Ion	Exp%	Act%
266.00	100	0.00
264.00	59.90	0.00#
268.00	62.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

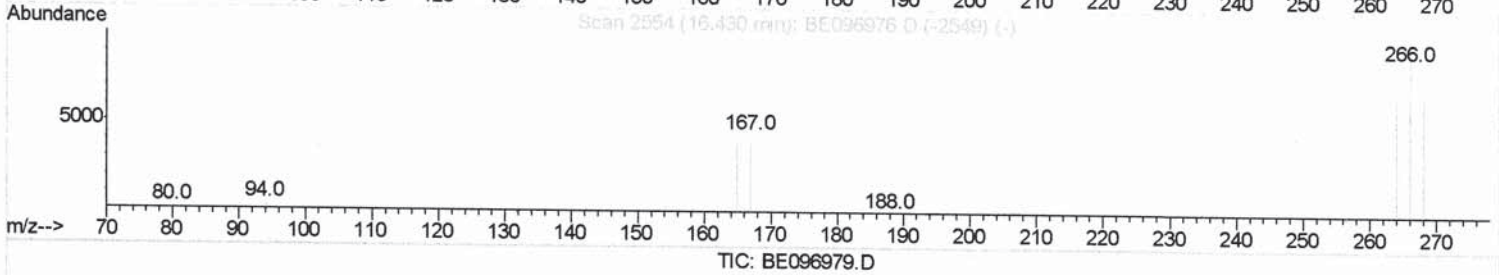
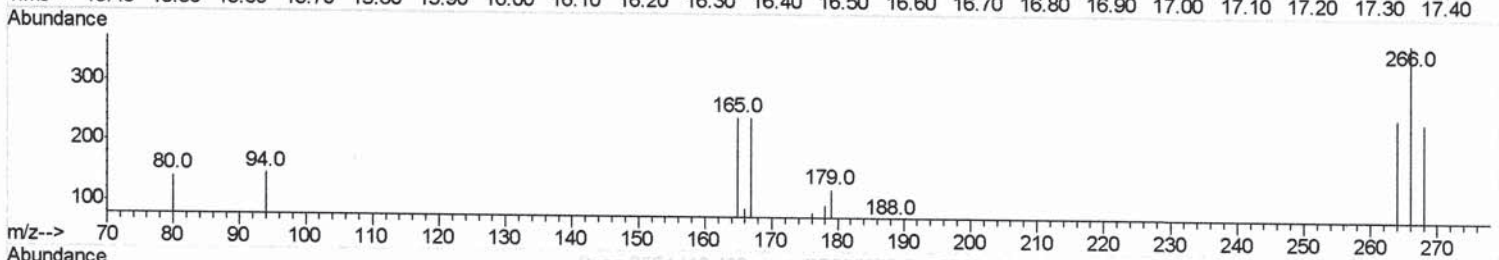
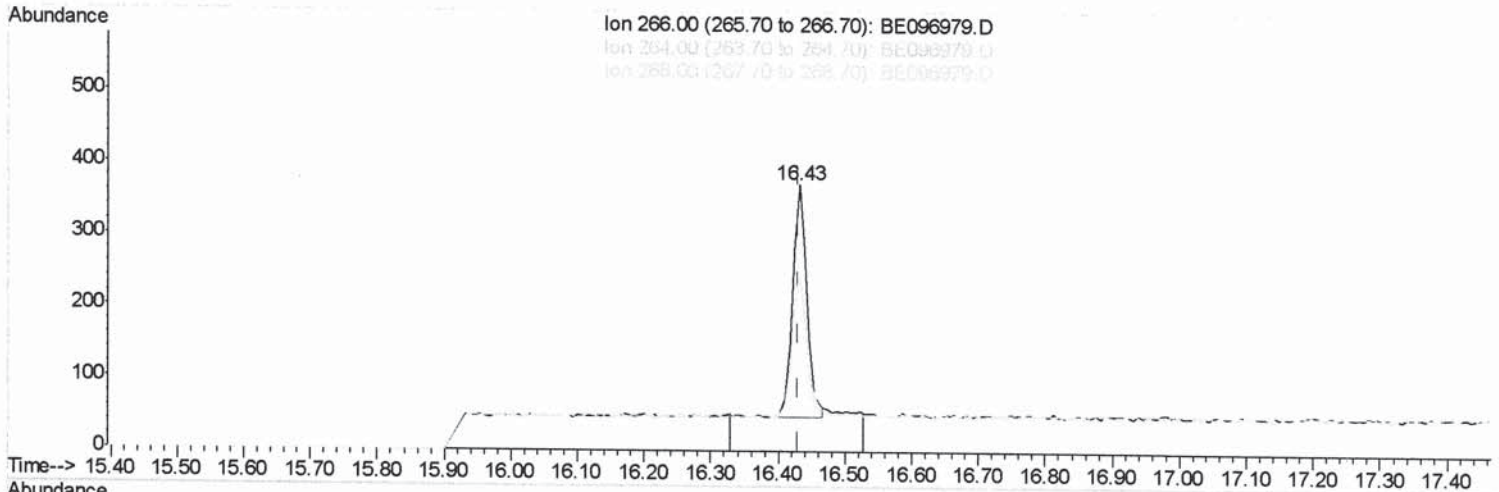
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(11) Pentachlorophenol

16.431min (+0.001) 0.23ng/ul m

SJ 7/19/18

response 467

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	0.00#
268.00	62.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

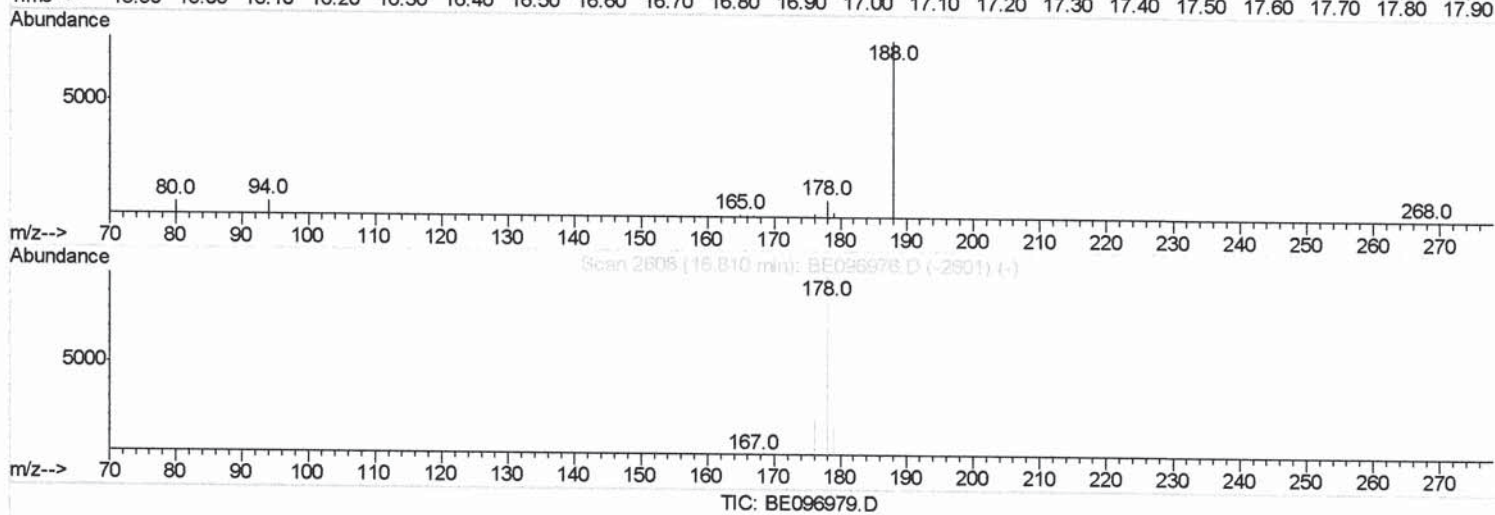
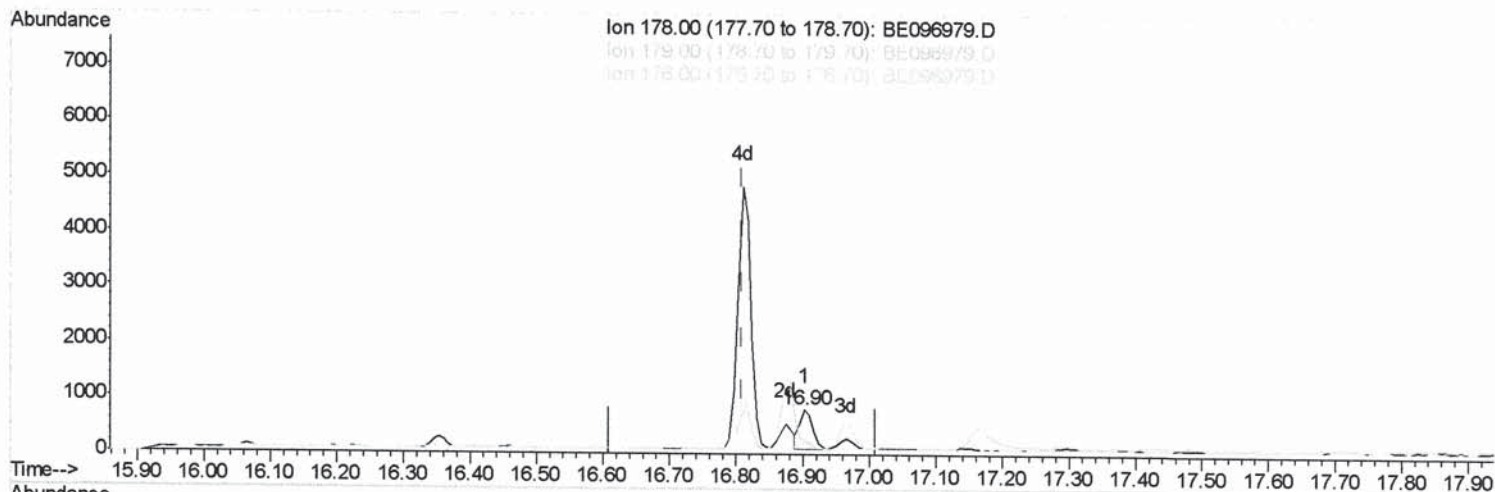
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(12) Phenanthrene

16.903min (+0.092) 0.02ng/ul

response 943

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	32.21#
176.00	17.00	29.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

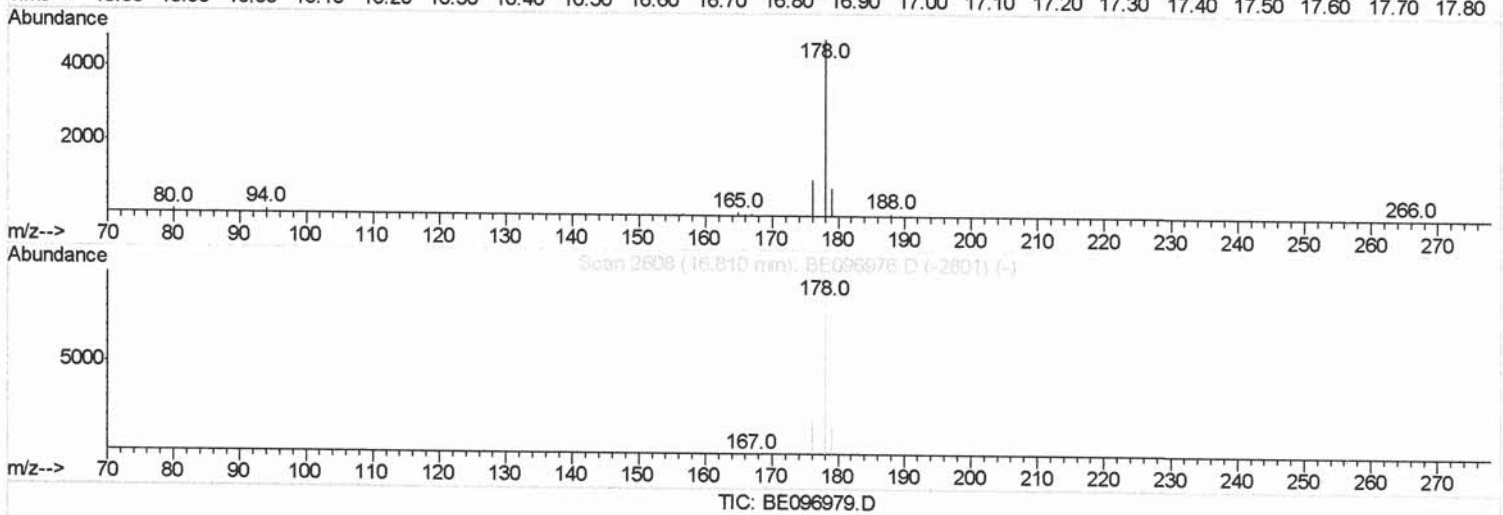
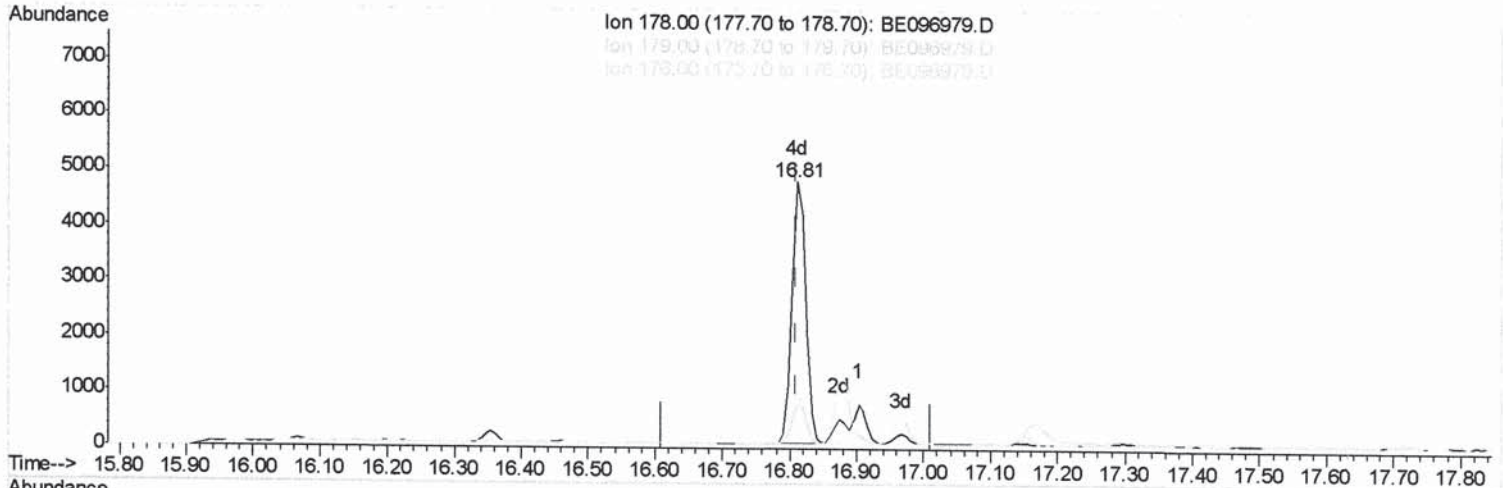
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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(12) Phenanthrene

16.811min (+0.001) 0.14ng/ul m SJ 7/19/18

response 6562

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.84#
176.00	17.00	21.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

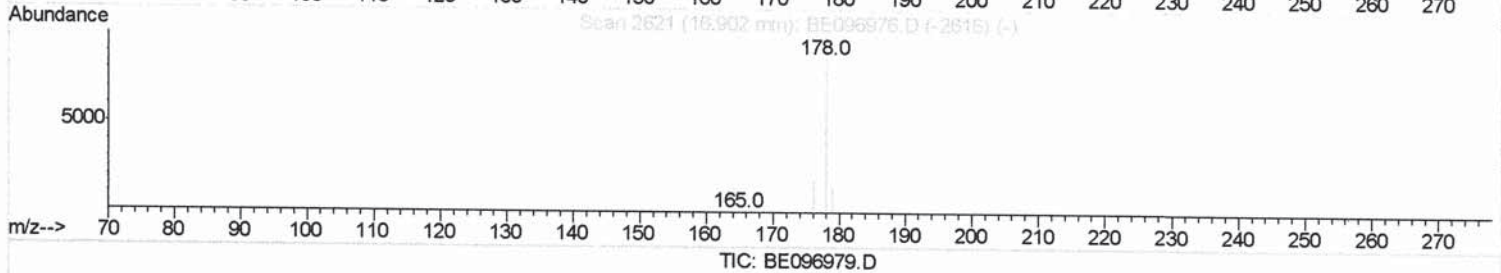
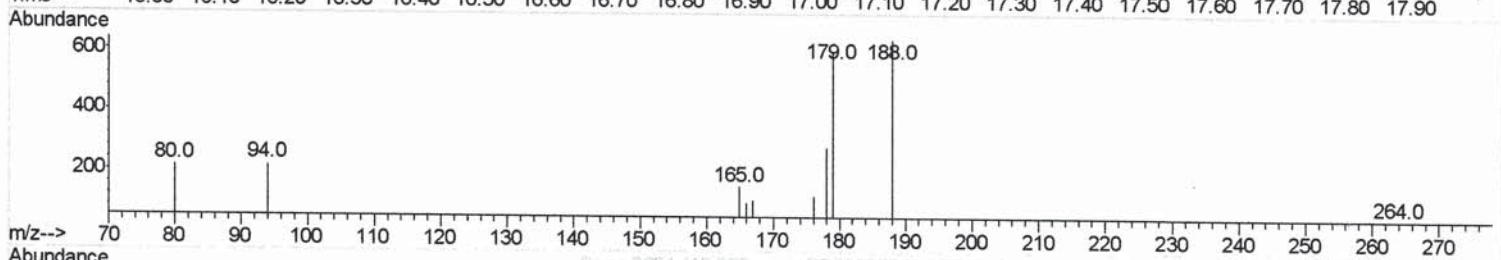
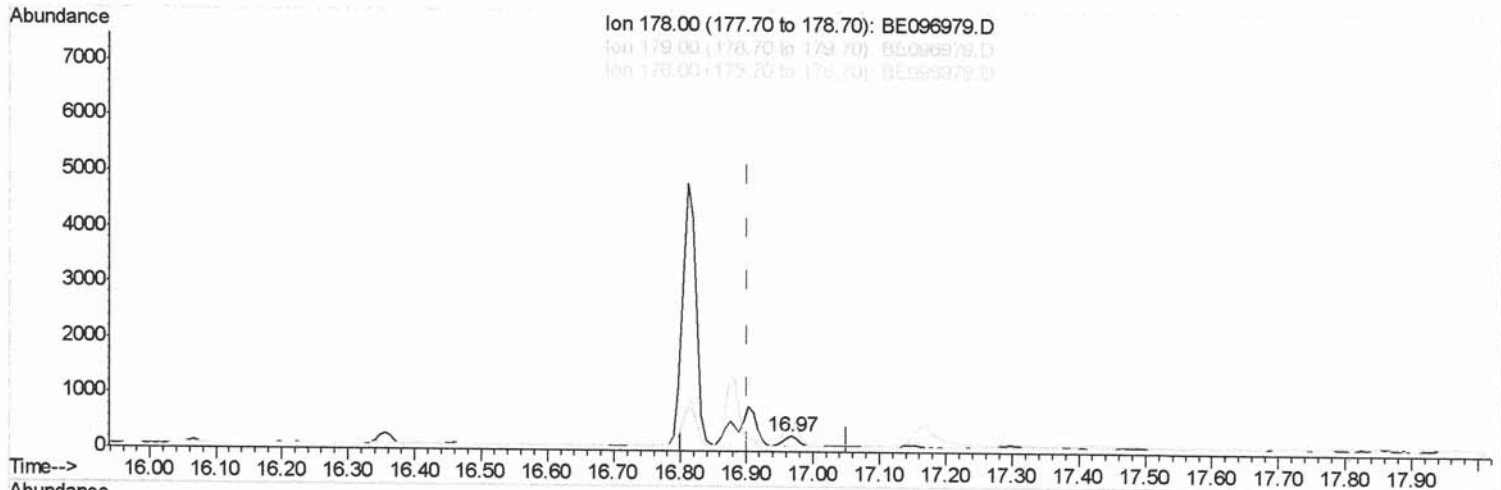
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(13) Anthracene

16.966min (+0.064) 0.01ng/ul

response 271

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	213.62#
176.00	18.40	41.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

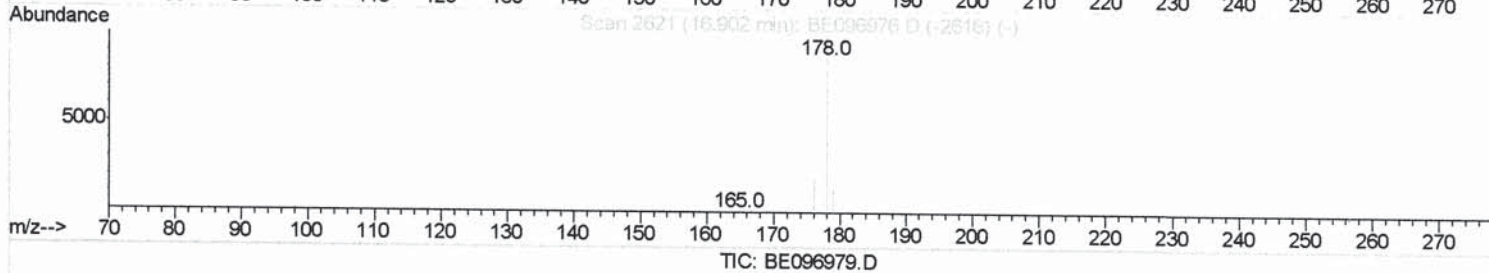
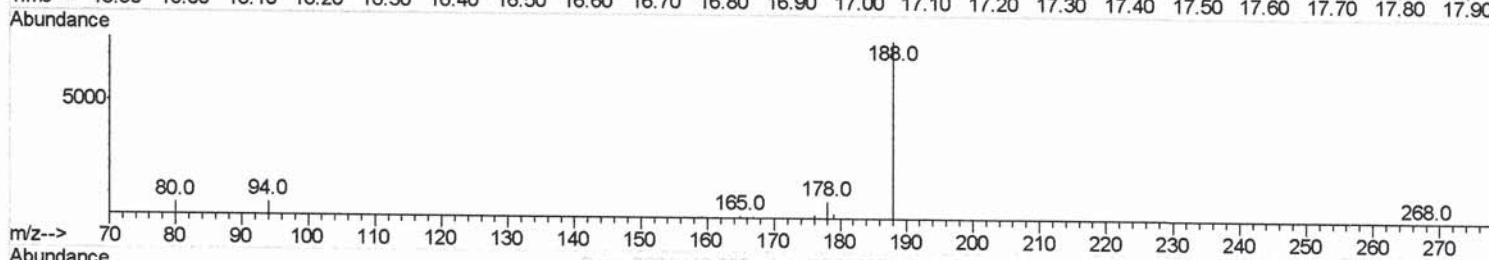
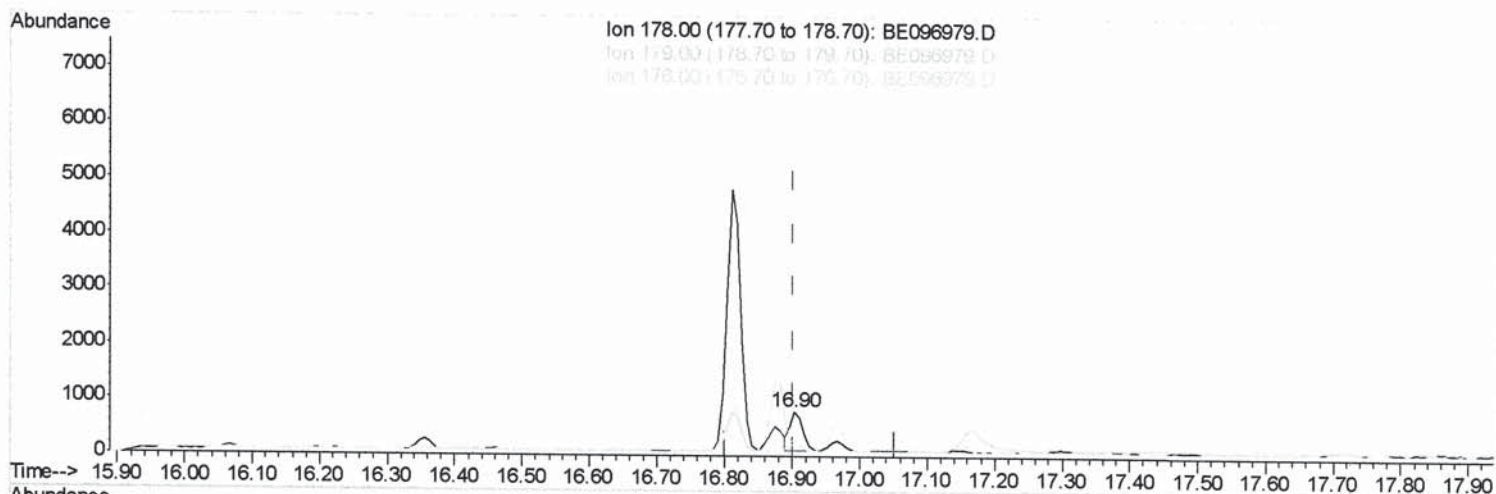
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(13) Anthracene

16.903min (+0.001) 0.02ng/ul m

SJ 7/19/18

response 898

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	32.21#
176.00	18.40	29.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

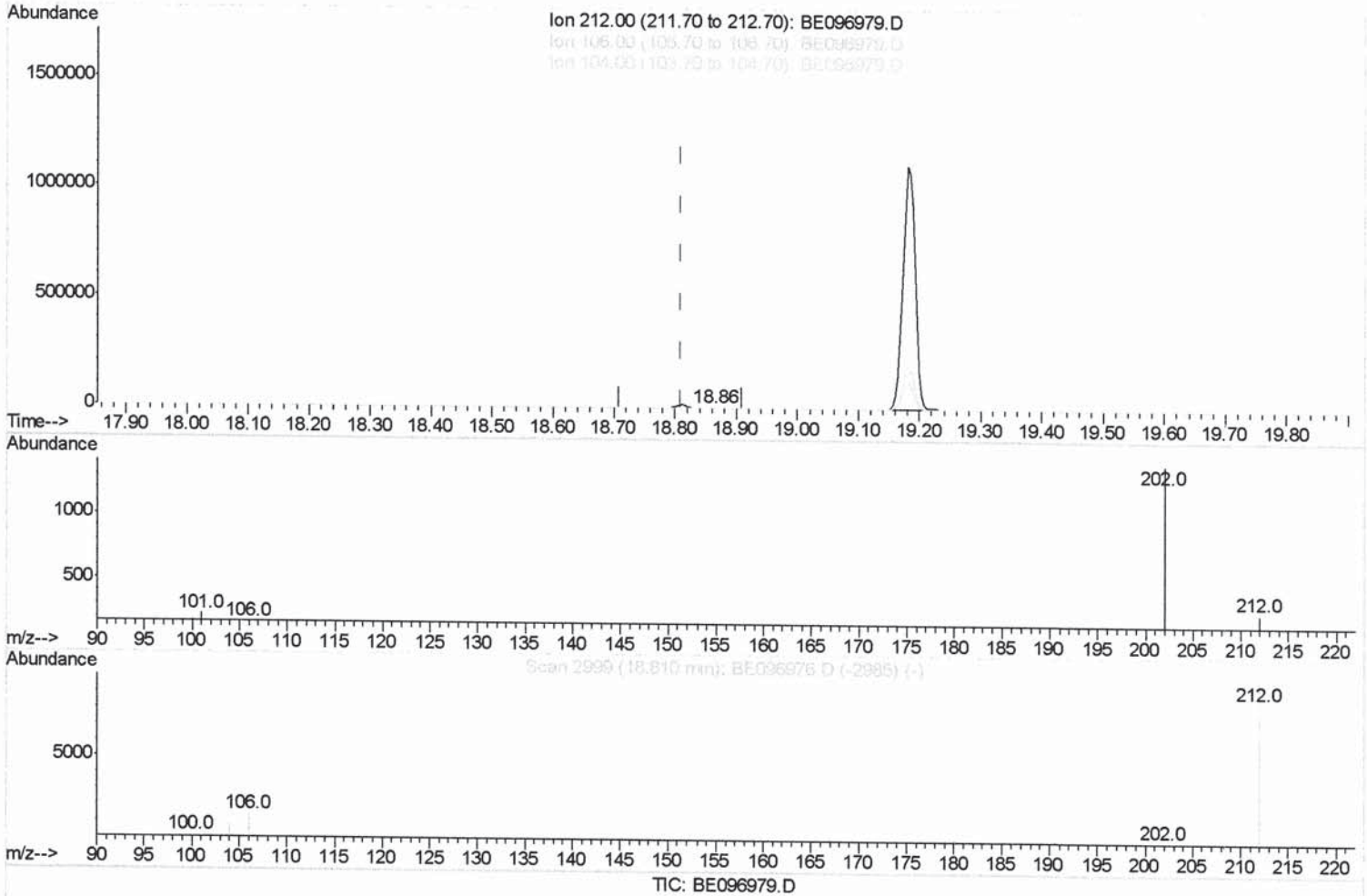
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.864min (+0.053) 0.00ng/ul

response 221

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	11.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

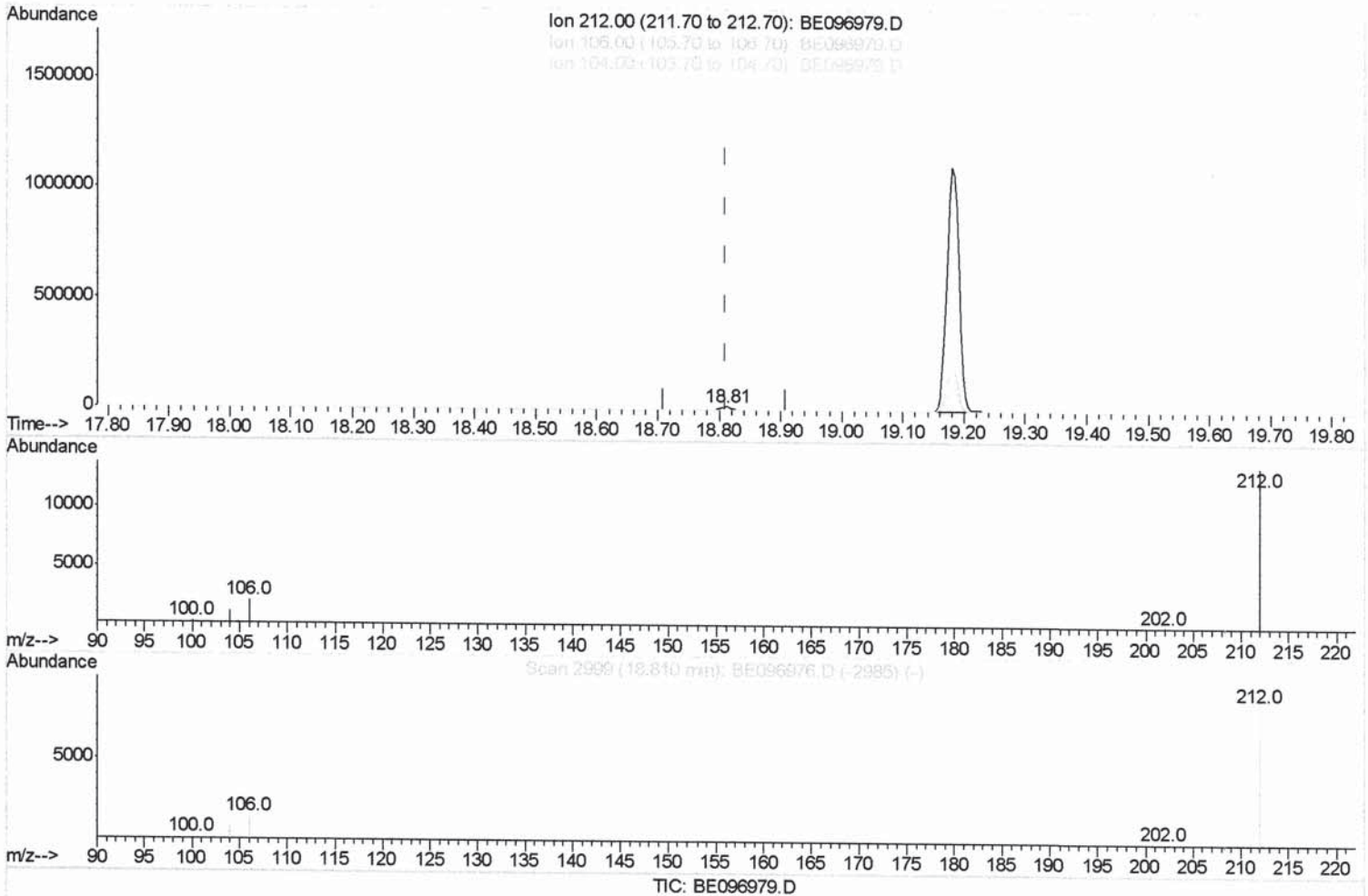
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.810min (-0.000) 0.33ng/ul m

SJ 7/19/18

response 18182

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

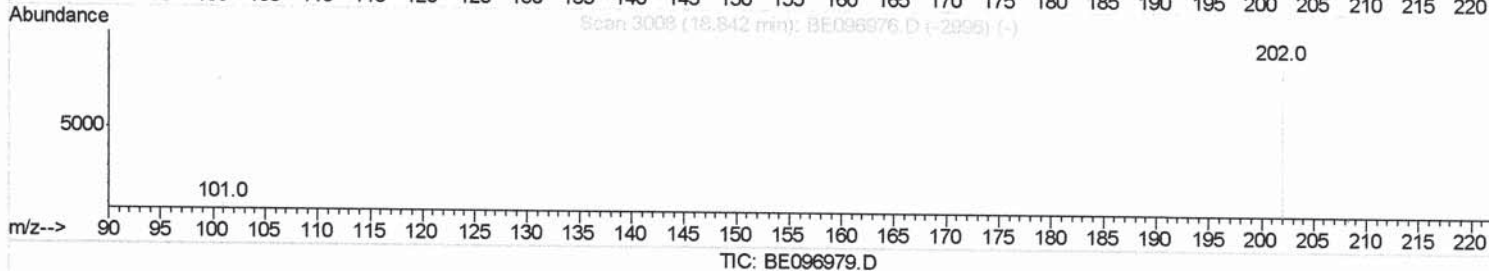
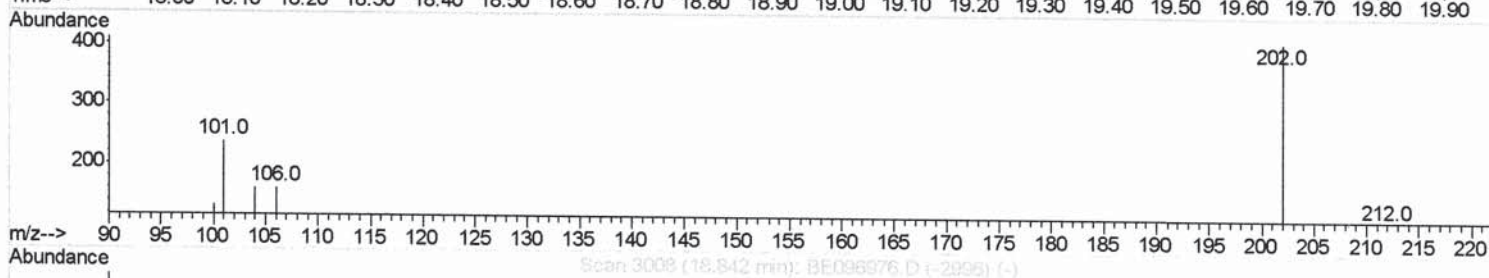
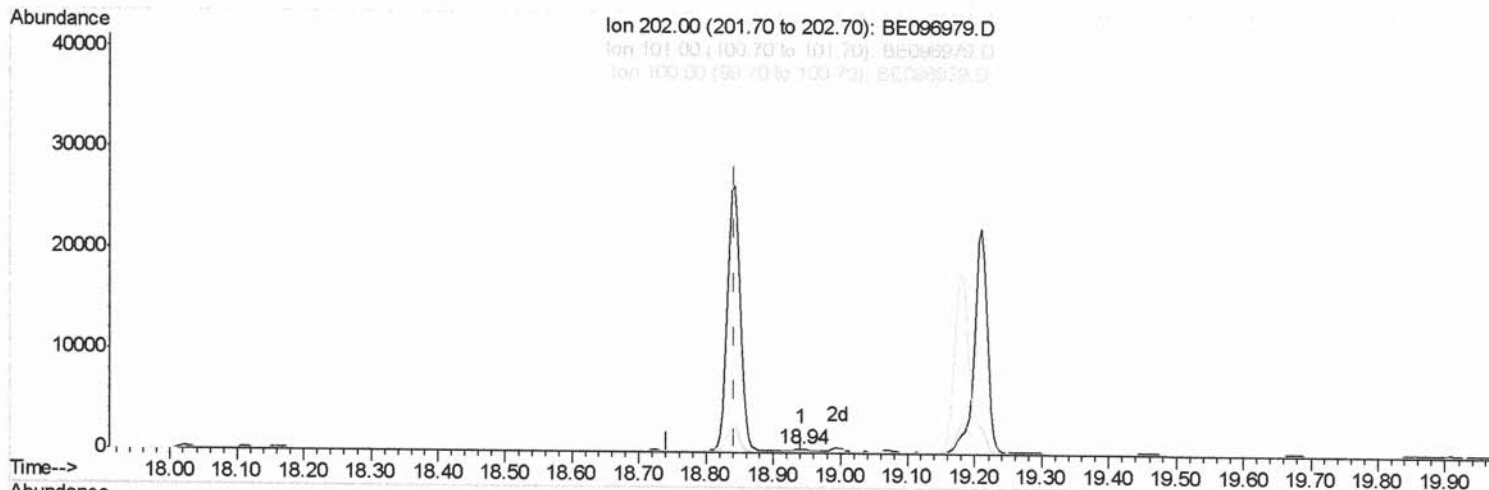
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Manual Integrations
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(15) Fluoranthene (C)

18.942min (+0.100) 0.00ng/ul

response 309

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	57.70#
100.00	19.50	32.03
0.00	0.00	0.00

Quantitation Report (Qedit)

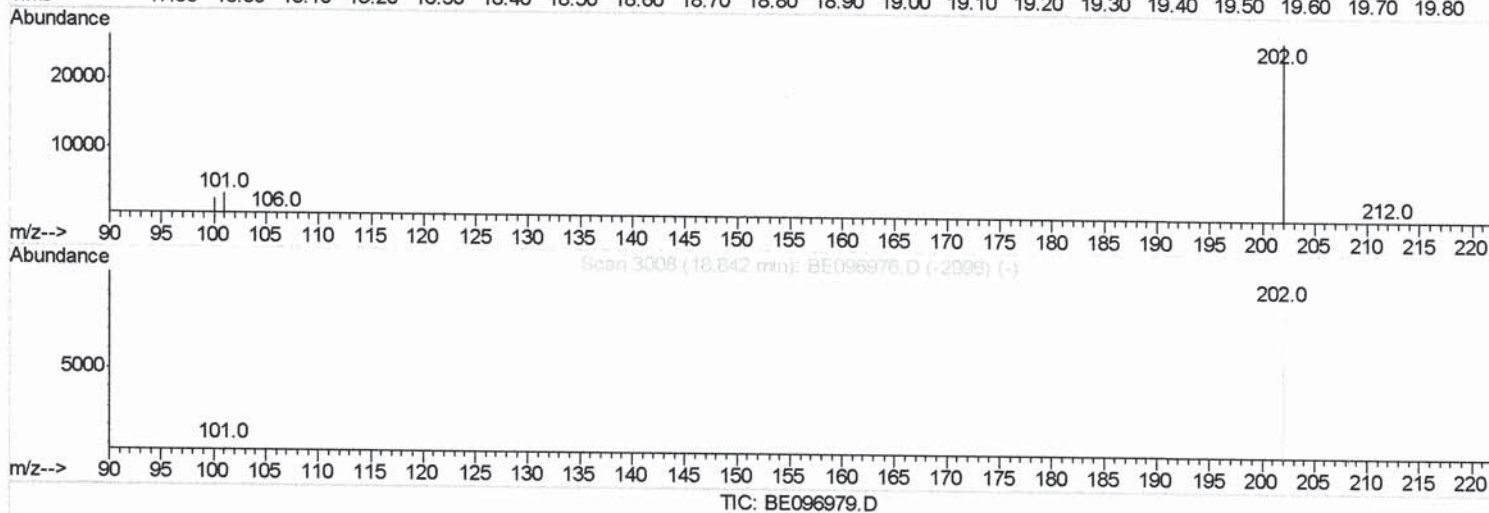
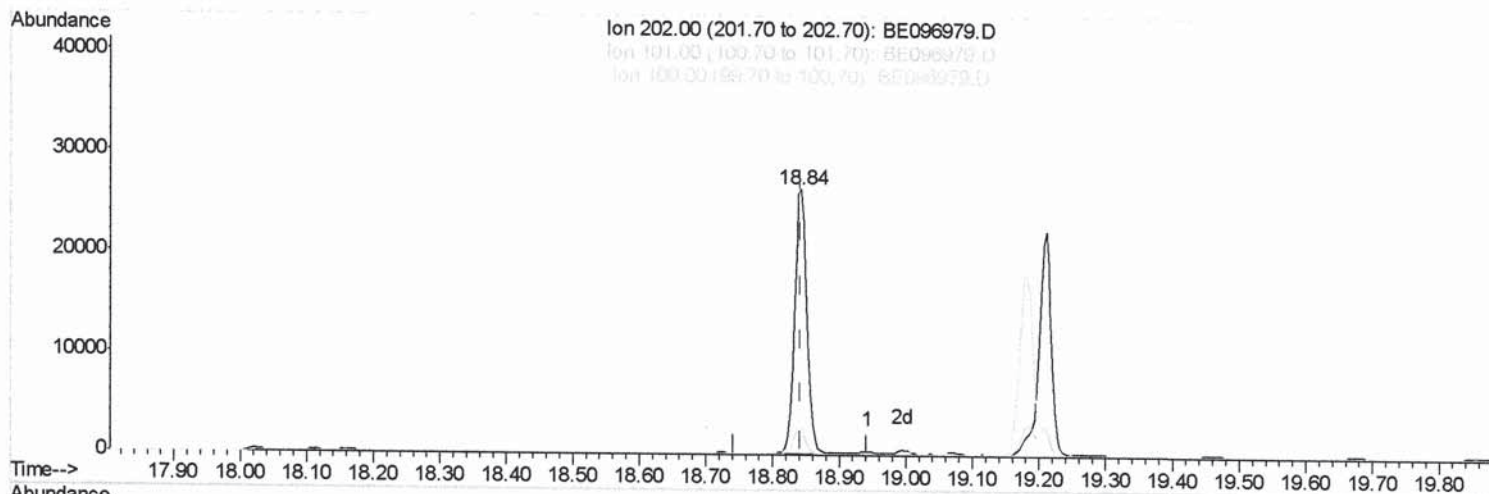
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(15) Fluoranthene (C)

18.842min (-0.000) 0.56ng/ul m

SJ 7/19/18

response 35294

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.53
100.00	19.50	9.04
0.00	0.00	0.00

Quantitation Report (Qedit)

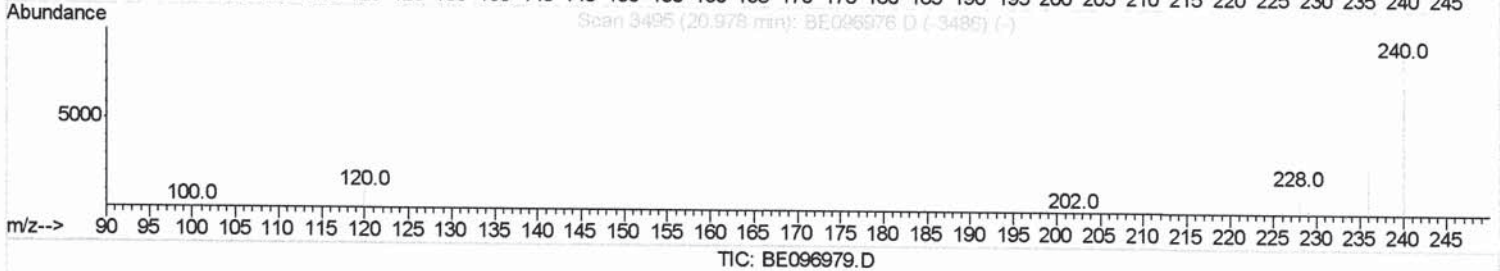
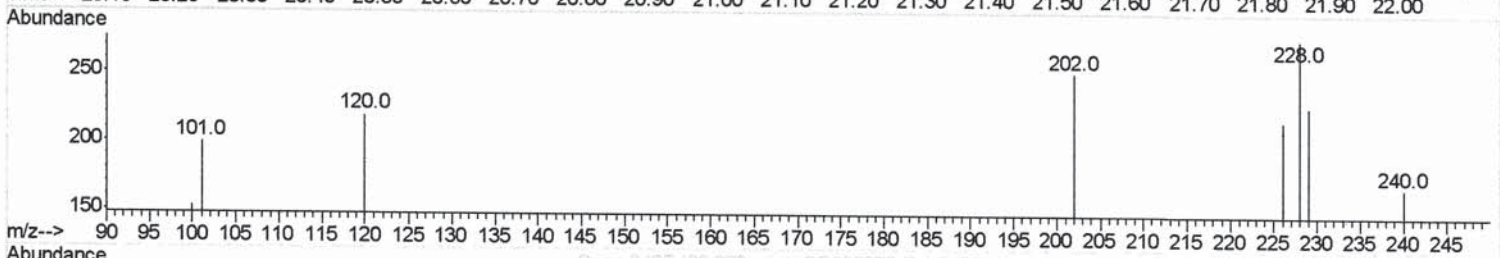
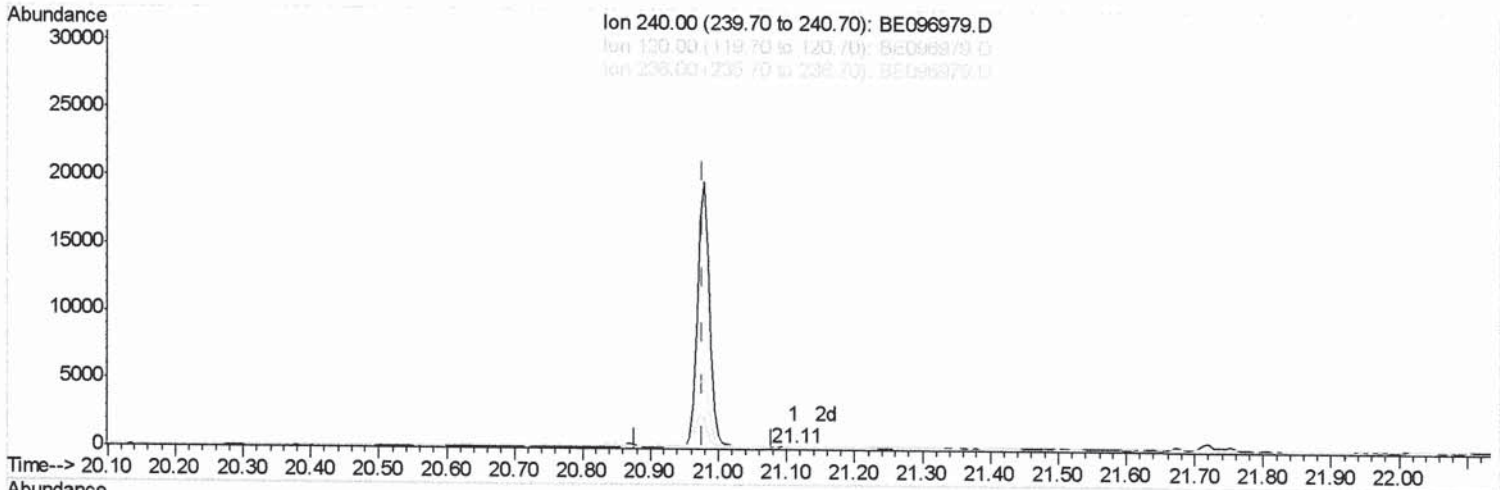
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(16) Chrysene-d12 (I)

21.111min (+0.132) 0.40ng/ul

response 21

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	130.36#
236.00	34.90	87.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

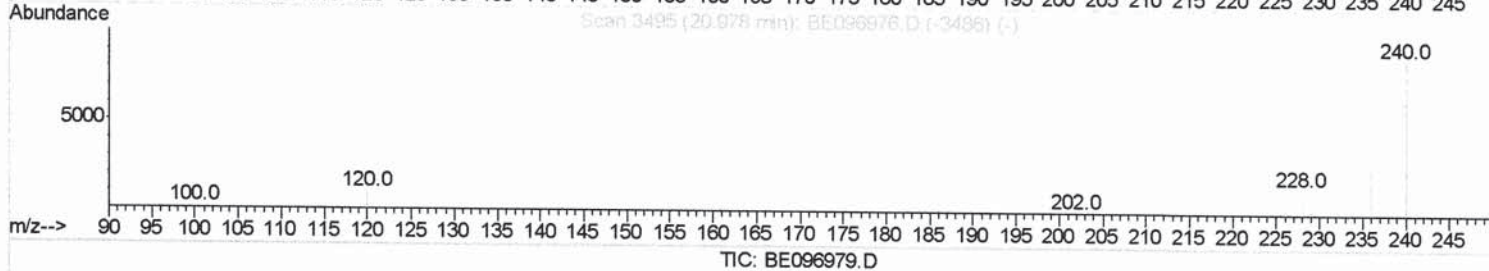
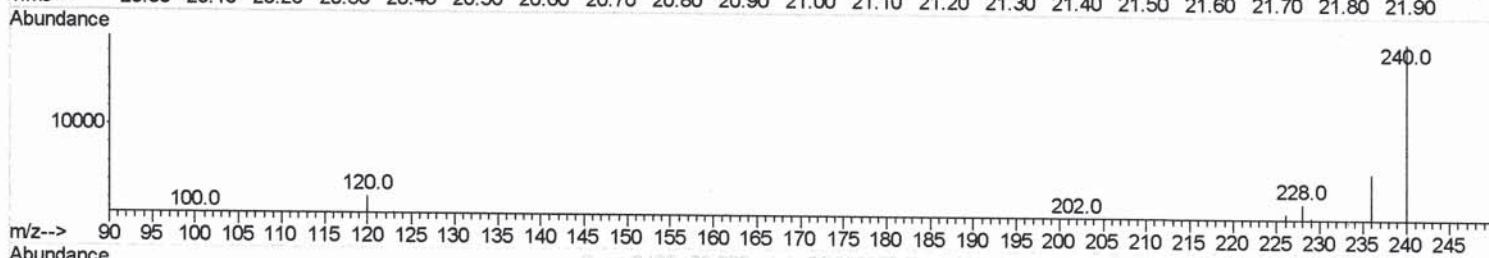
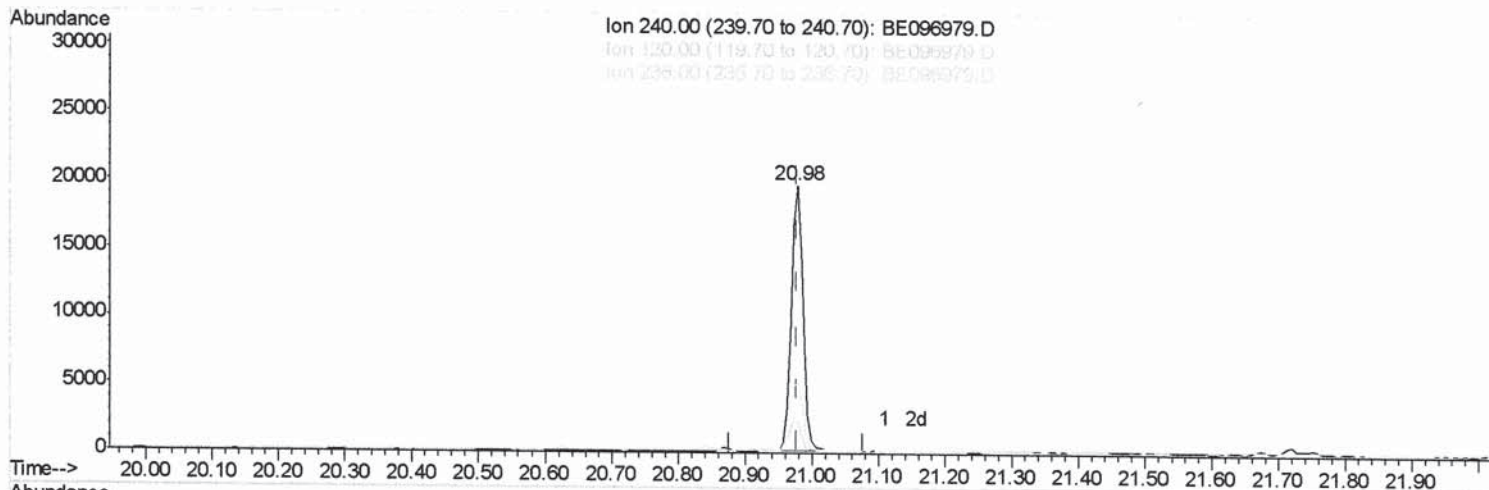
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(16) Chrysene-d12 (I)

20.978min (-0.000) 0.40ng/ul m

response 23769

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.61#
236.00	34.90	27.28#
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

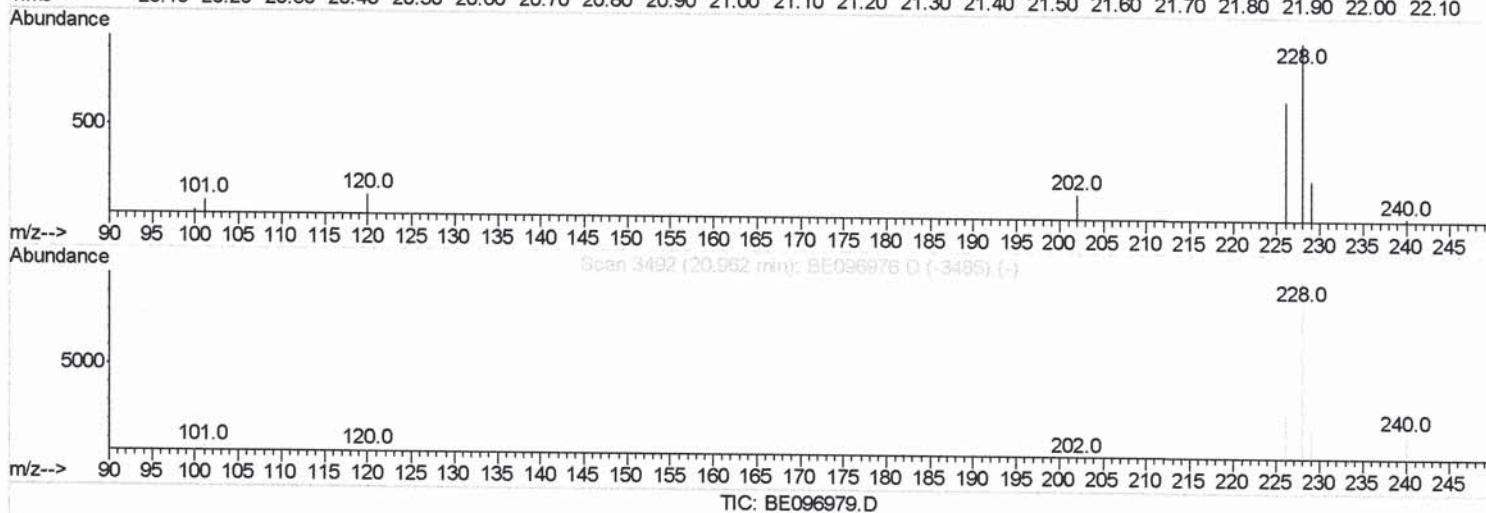
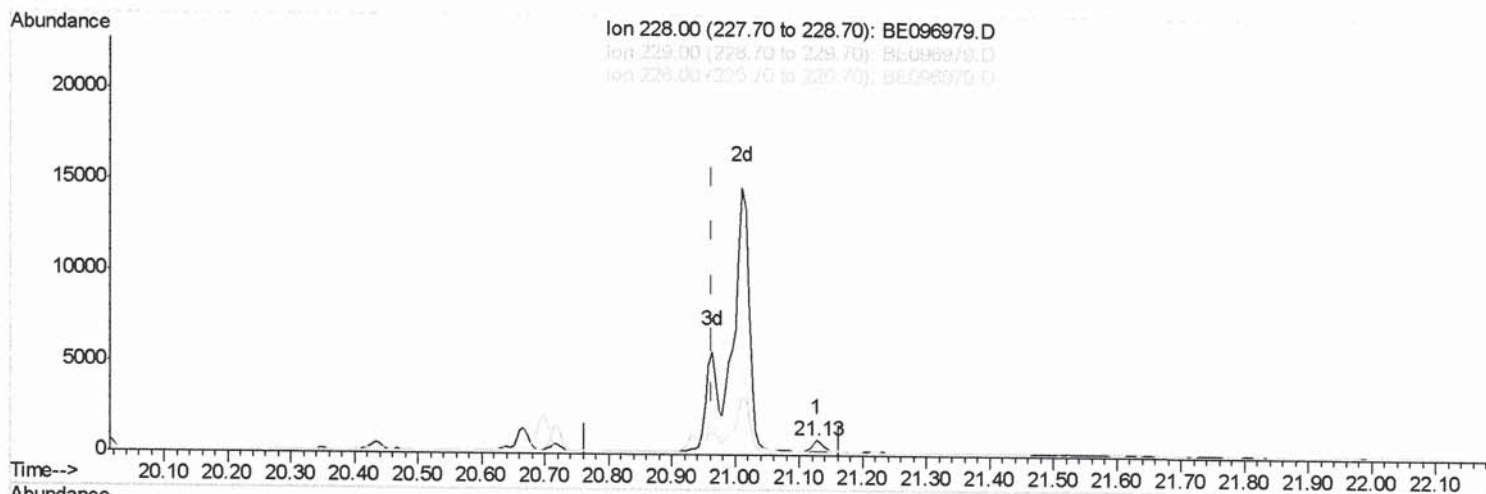
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Quant Time: Jul 18 07:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.127min (+0.164) 0.02ng/ul

response 968

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	36.75#
226.00	21.30	72.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

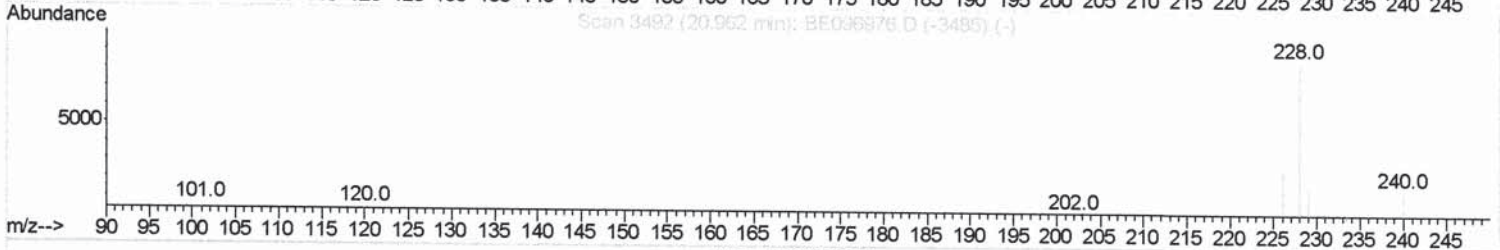
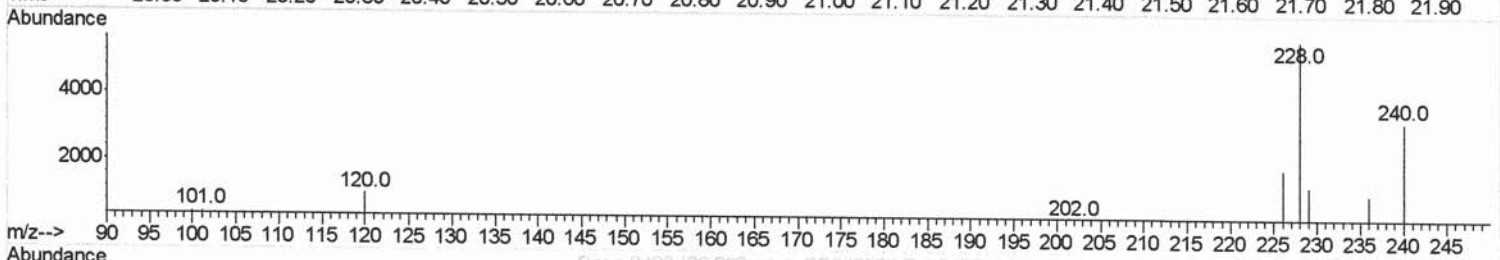
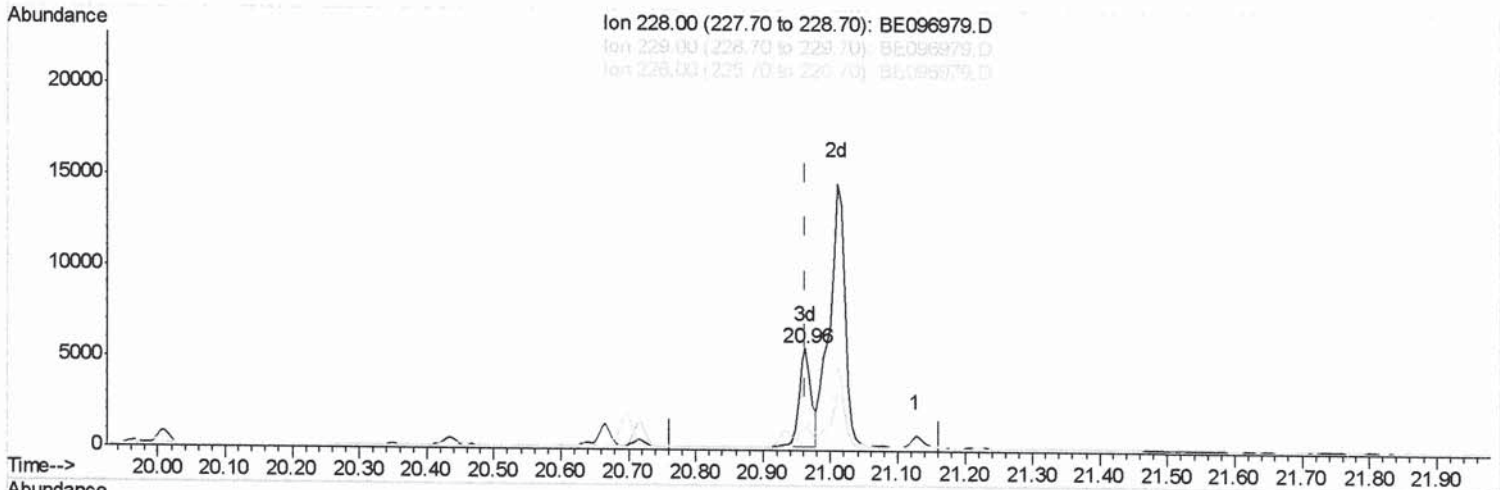
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration



TIC: BE096979.D

(18) Benzo(a)anthracene

20.962min (-0.000) 0.11ng/ul m

SJ 7/19/18

response 7182

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	24.18
226.00	21.30	33.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

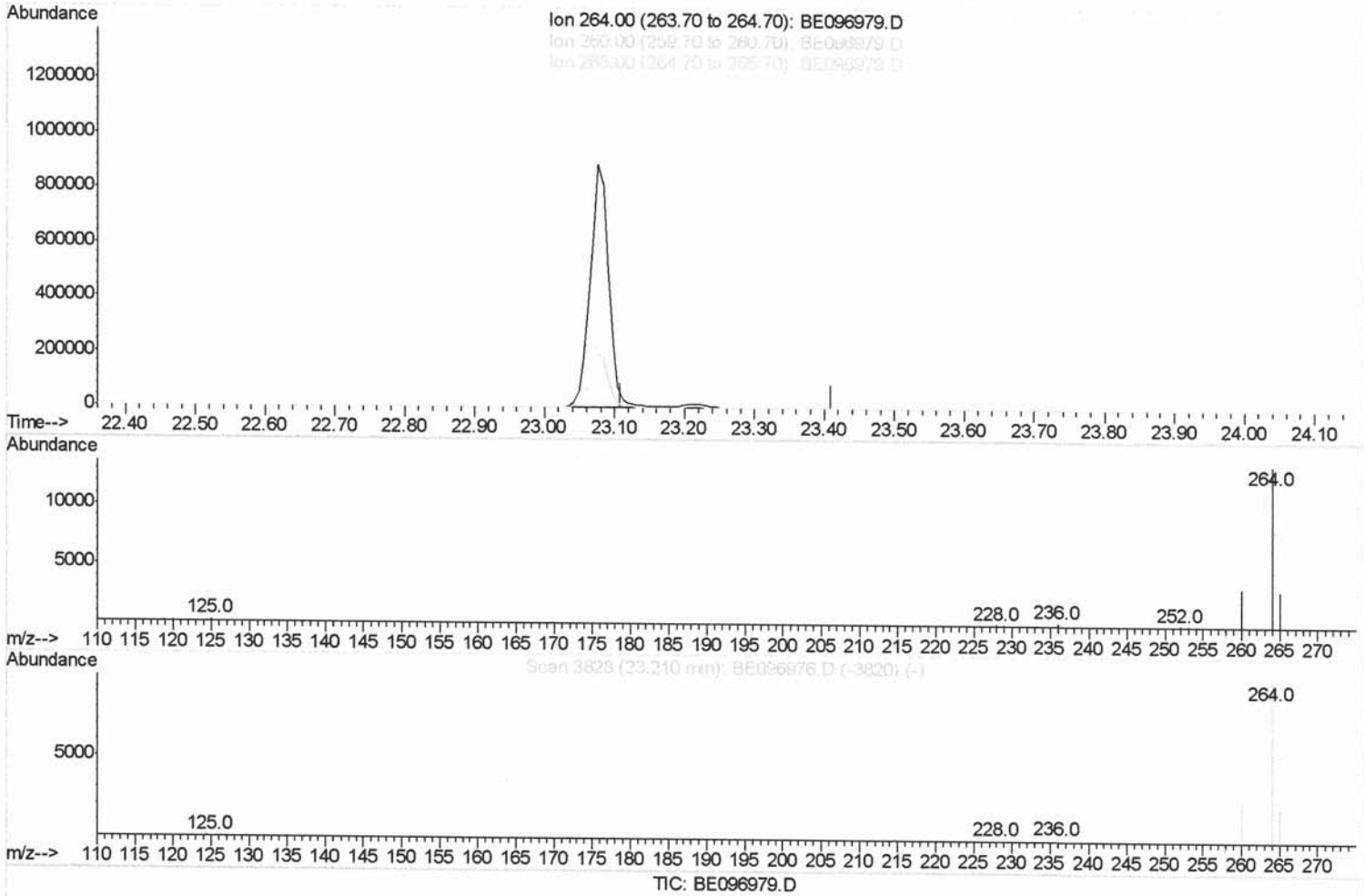
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 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)

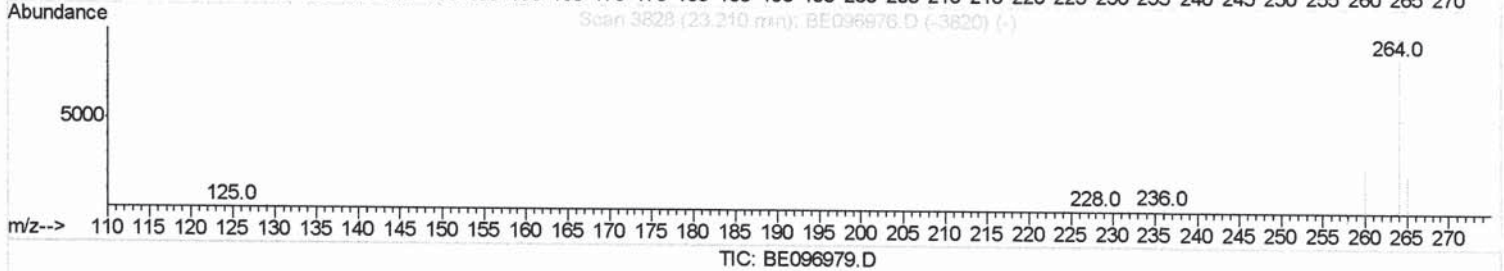
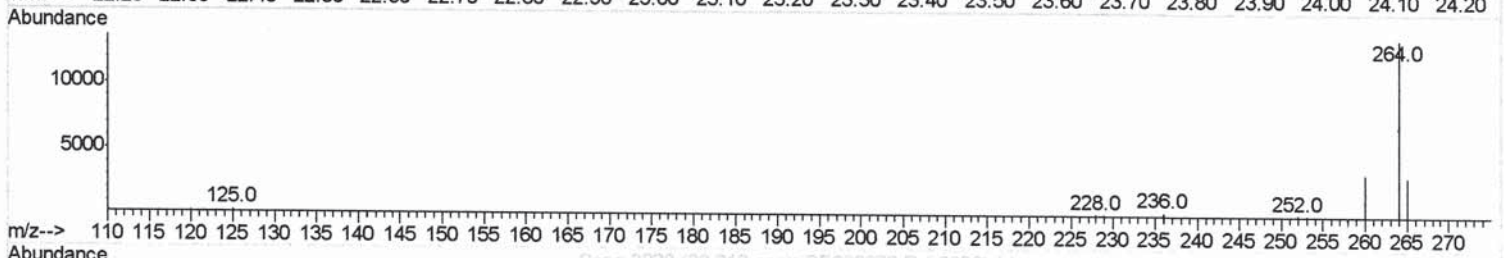
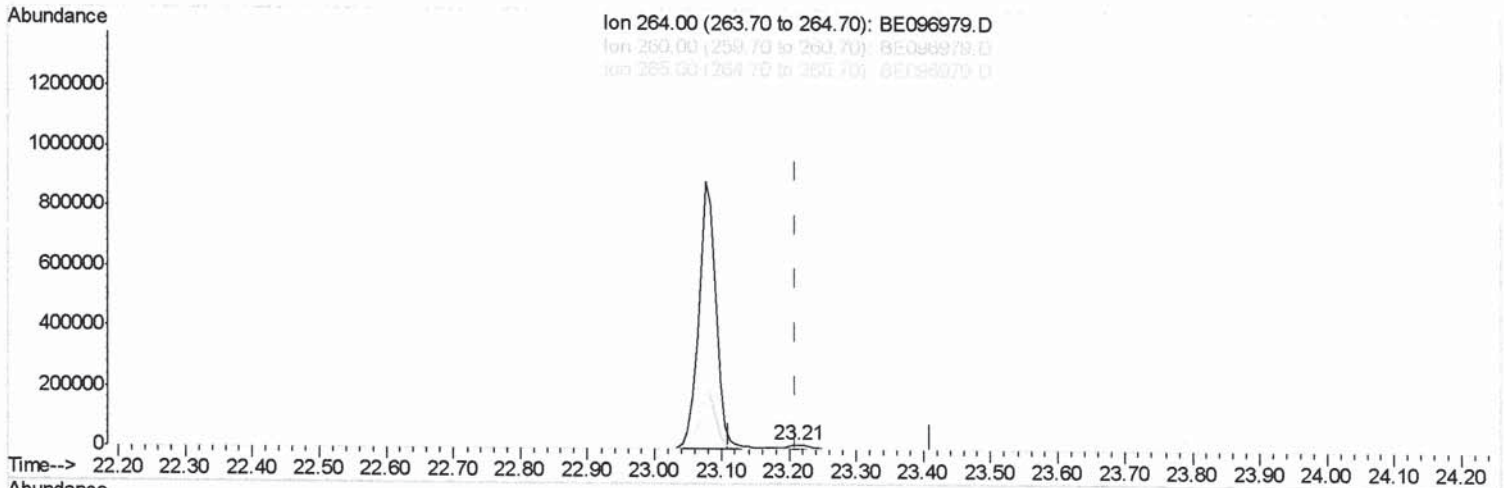
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.210min (-0.000) 0.40ng/ul m

SJ 7/19/18

response 20084

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.64
265.00	103.50	23.71#
0.00	0.00	0.00

Quantitation Report (Qedit)

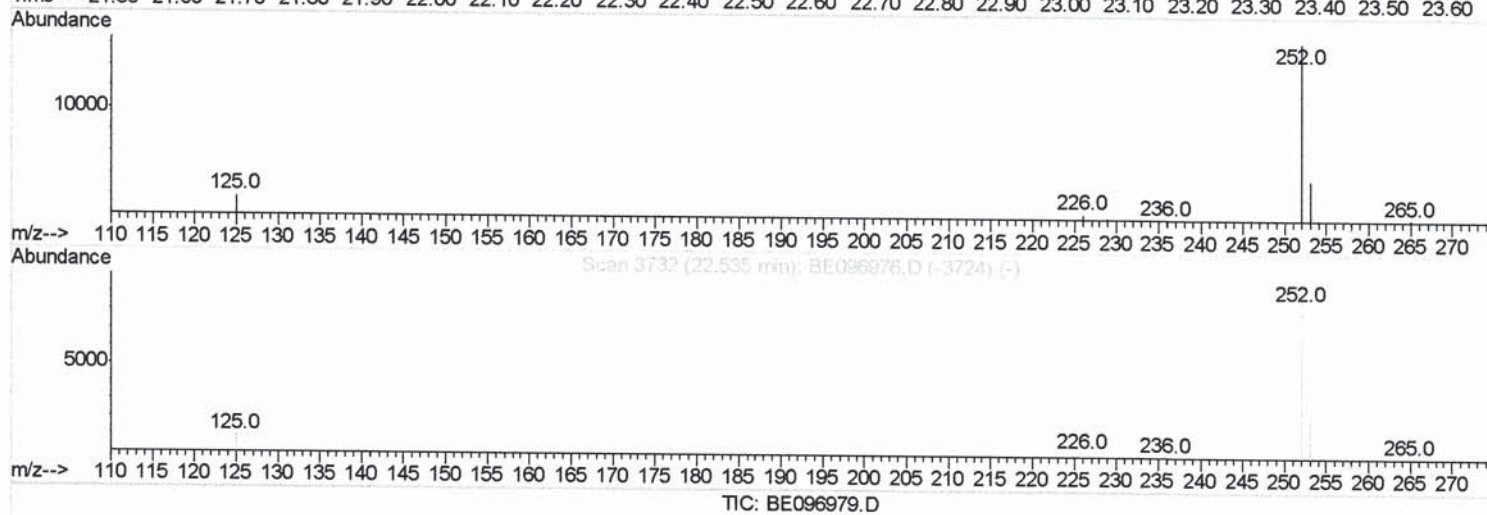
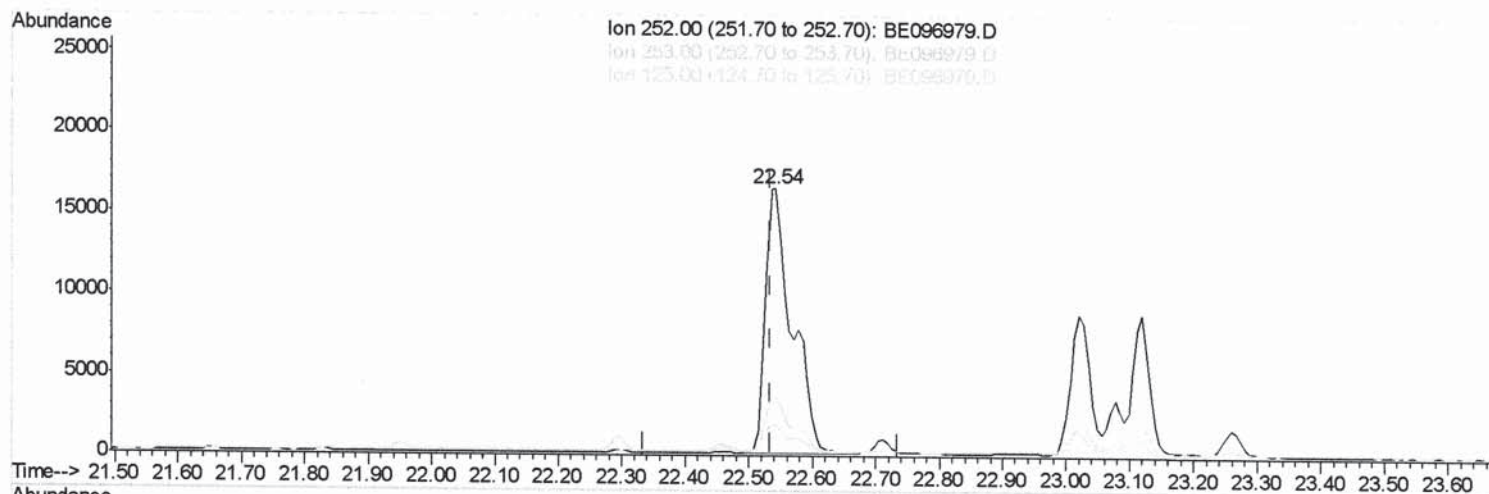
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096979.D
Acq On : 18 Jul 2018 4:36
Operator : SJ/JU
Sample : J3967-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1D8

Manual Integrations
APPROVED

Sohil
7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.83ng/ul

response 47586

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.42
125.00	17.50	11.27
0.00	0.00	0.00

Quantitation Report (Qedit)

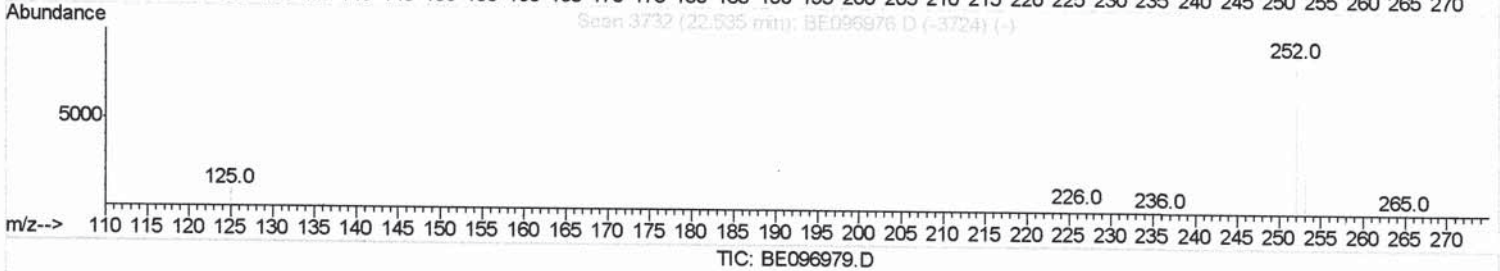
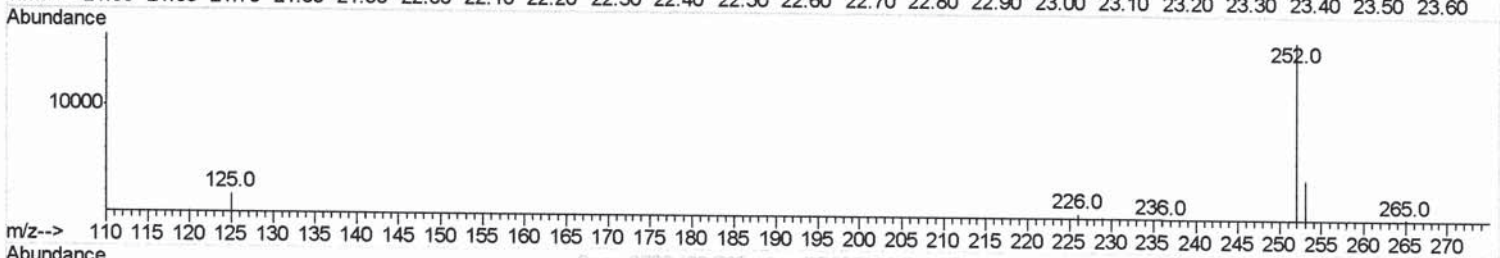
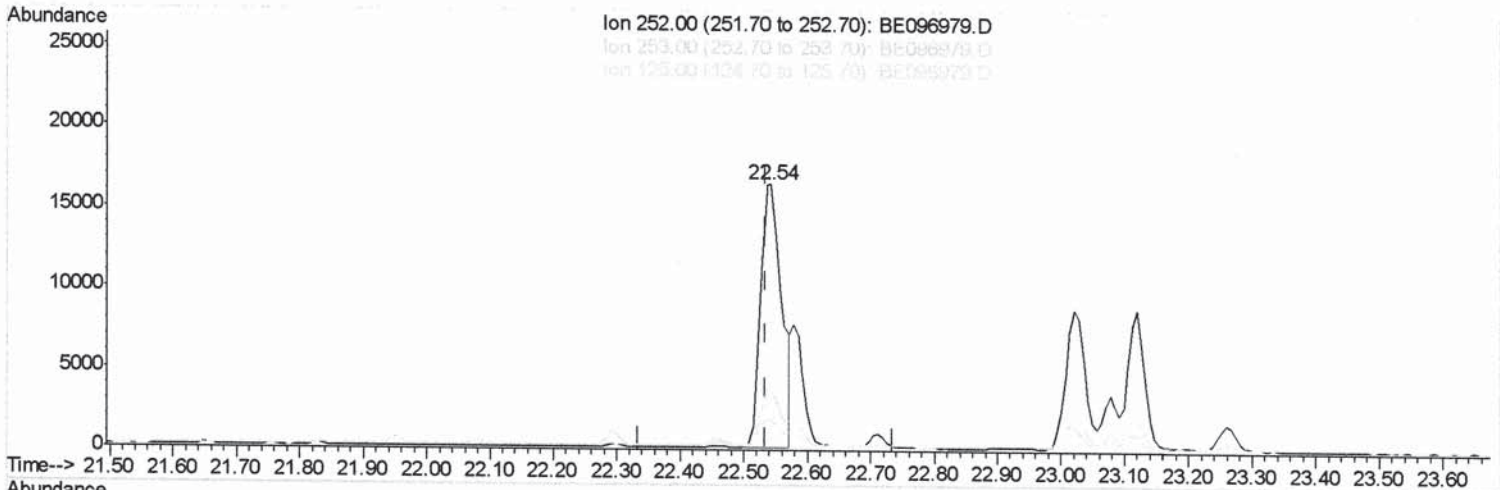
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.65ng/ul m

SJ 7/19/18

response 37140

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.42
125.00	17.50	11.27
0.00	0.00	0.00

Quantitation Report (Qedit)

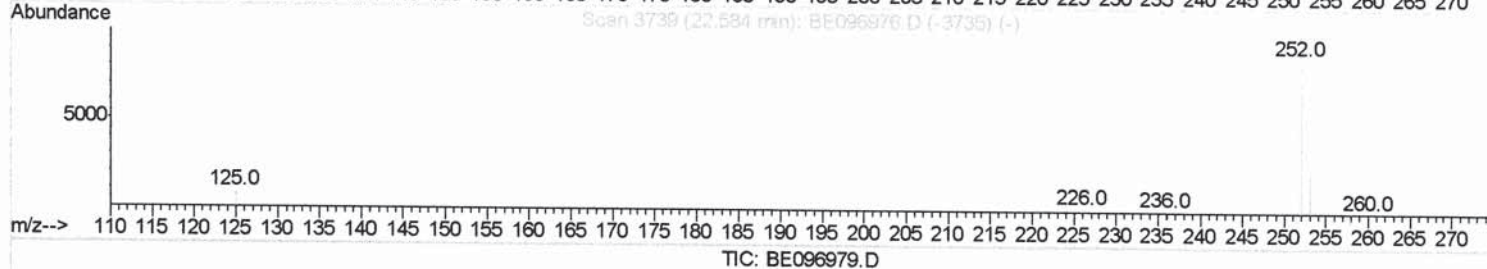
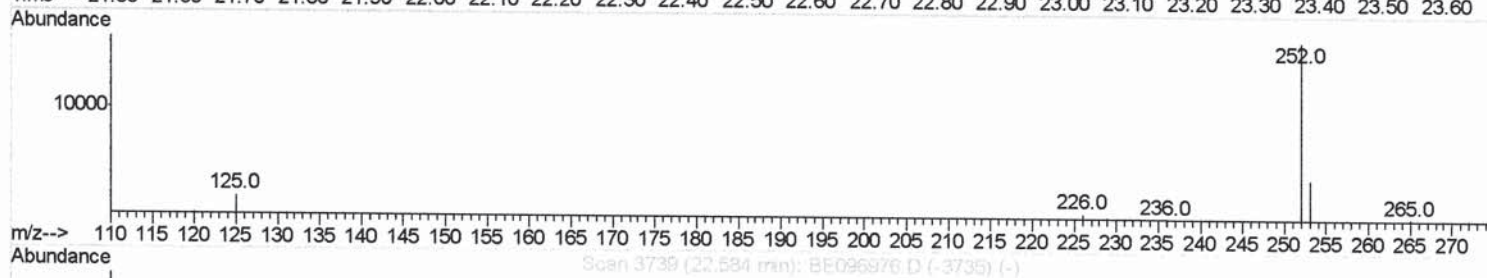
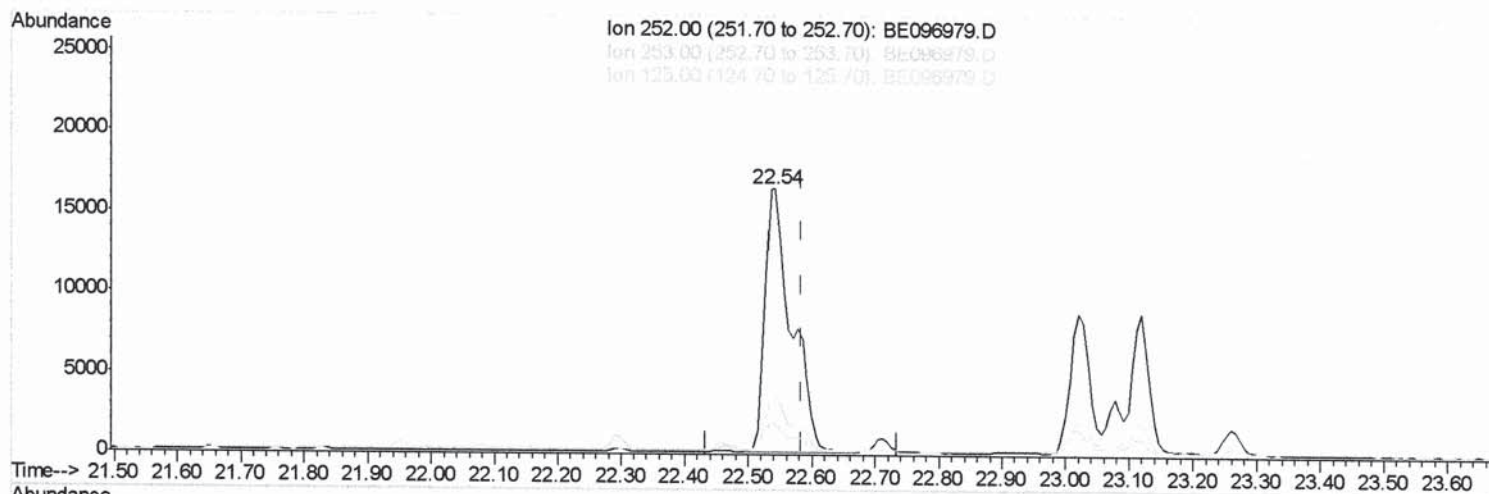
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096979.D
Acq On : 18 Jul 2018 4:36
Operator : SJ/JU
Sample : J3967-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1D8

Manual Integrations
APPROVED

Sohil
7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.542min (-0.042) 0.81ng/ul

response 47586

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.42#
125.00	17.10	11.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

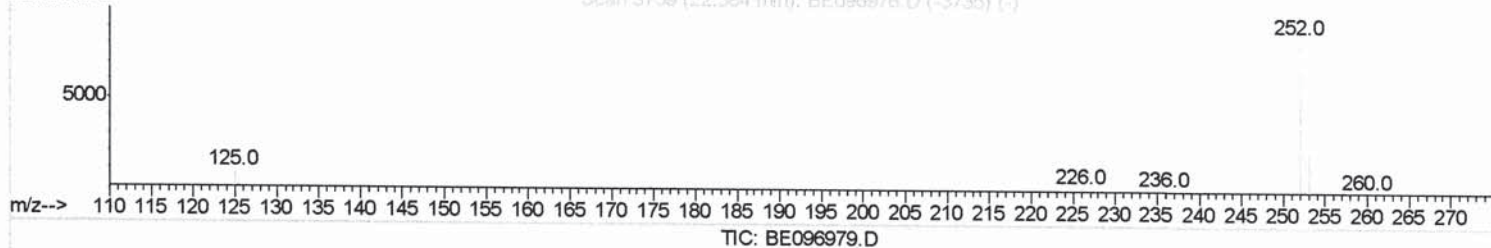
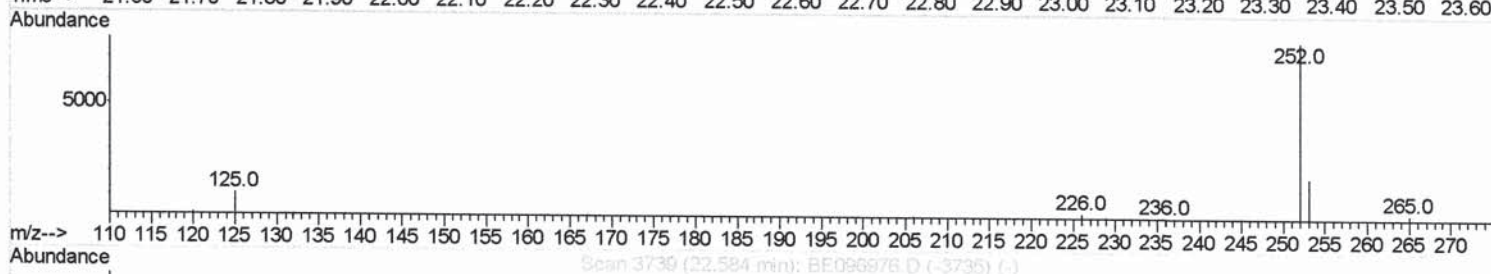
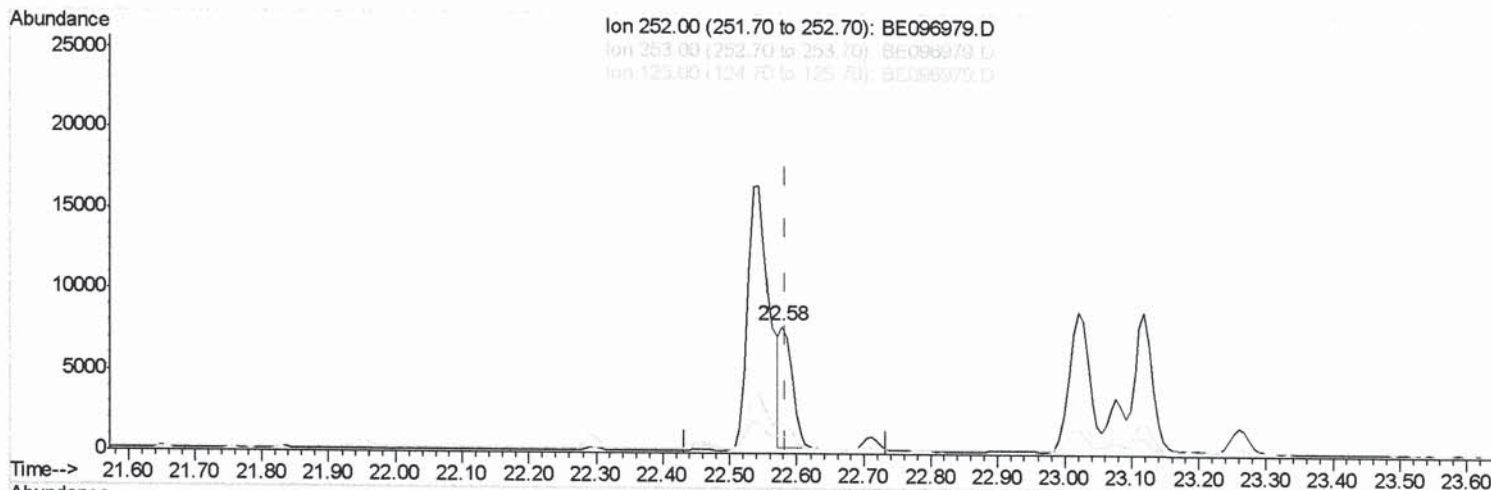
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (-0.007) 0.16ng/ul m

SJ 7/19/18

response 9324

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.43#
125.00	17.10	13.60#
0.00	0.00	0.00

Quantitation Report (Qedit)

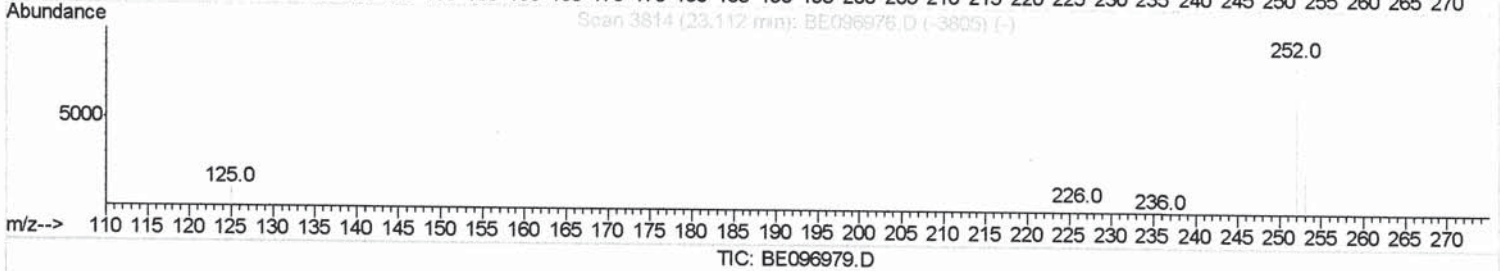
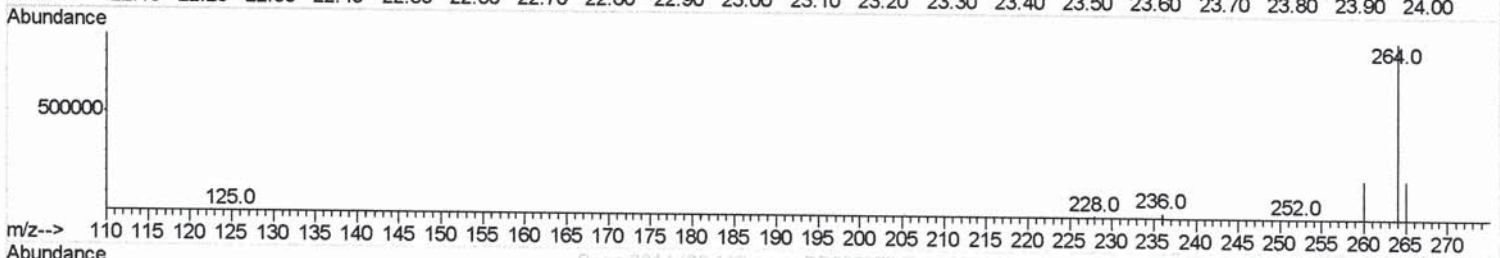
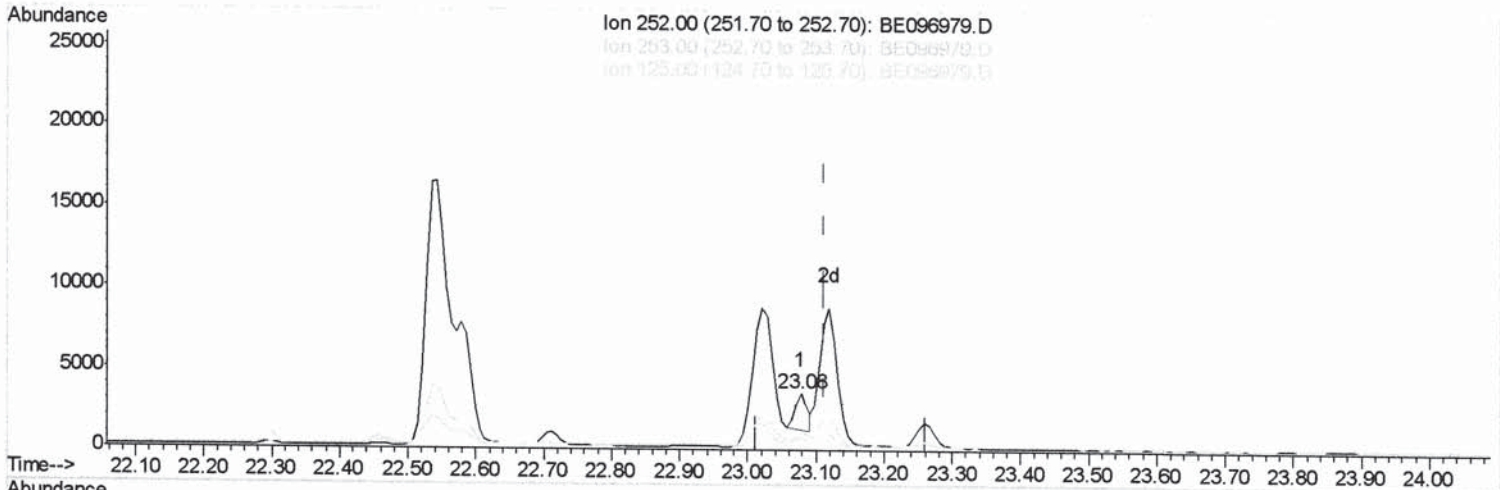
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)
 23.077min (-0.035) 0.06ng/ul
 response 2868

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	31.77
125.00	22.60	22.04
0.00	0.00	0.00

Quantitation Report (Qedit)

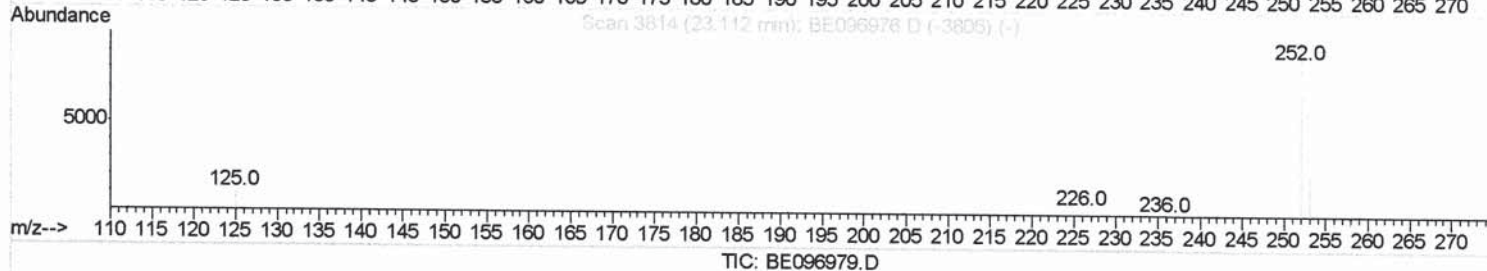
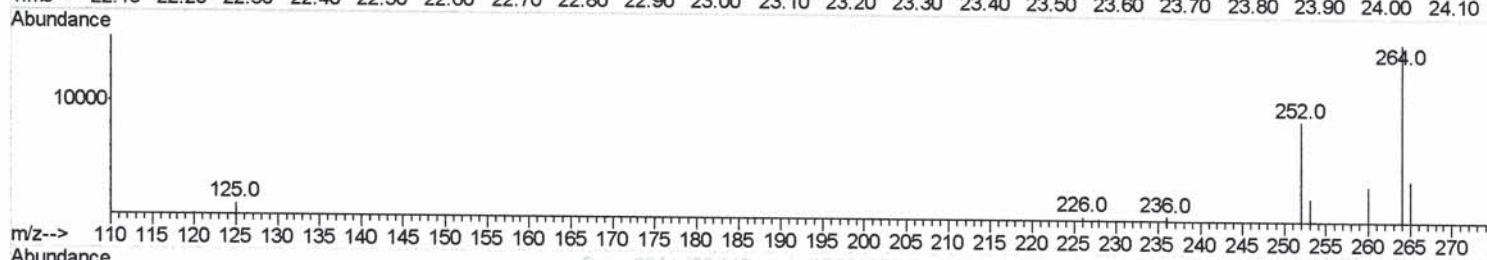
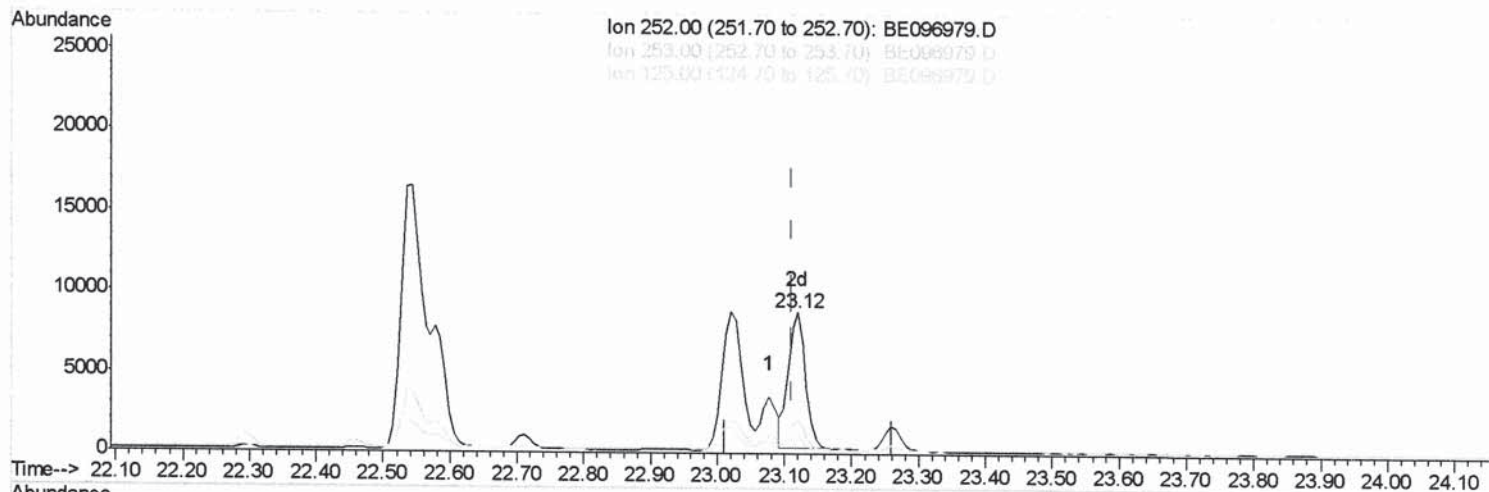
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
Data File : BE096979.D
Acq On : 18 Jul 2018 4:36
Operator : SJ/JU
Sample : J3967-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1D8

Manual Integrations
APPROVED

Sohil
7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:46:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 07:15:45 2018
Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.119min (+0.007) 0.30ng/ul m

SJ 7/19/18

response 15029

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.20#
125.00	22.60	12.46#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\
 Data File : BE096979.D
 Acq On : 18 Jul 2018 4:36
 Operator : SJ/JU
 Sample : J3967-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1D8

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:49:59 AM

Quant Time: Jul 18 07:49:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 07:15:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2033	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	10725	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	6928	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	18327m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	23769m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	20084m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	5514	0.32	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	18182m	0.33	ng/ul	0.00
Target Compounds						
11) Pentachlorophenol	16.43	266	467m	0.225	ng/ul	Ovalue
12) Phenanthrene	16.81	178	6562m	0.136	ng/ul	
13) Anthracene	16.90	178	898m	0.021	ng/ul	
15) Fluoranthene	18.84	202	35294m	0.556	ng/ul	
17) Pyrene	19.21	202	30293	0.441	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	7182m	0.114	ng/ul	
19) Chrysene	21.01	228	22911	0.321	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	37140m	0.652	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	9324m	0.158	ng/ul	
23) Benzo(a)pyrene	23.12	252	15029m	0.300	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	17751	0.316	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.52	278	3302	0.071	ng/ul#	92
26) Benzo(g,h,i)perylene	26.20	276	19764	0.395	ng/ul	94

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