

Quantitation Report (QT Reviewed)

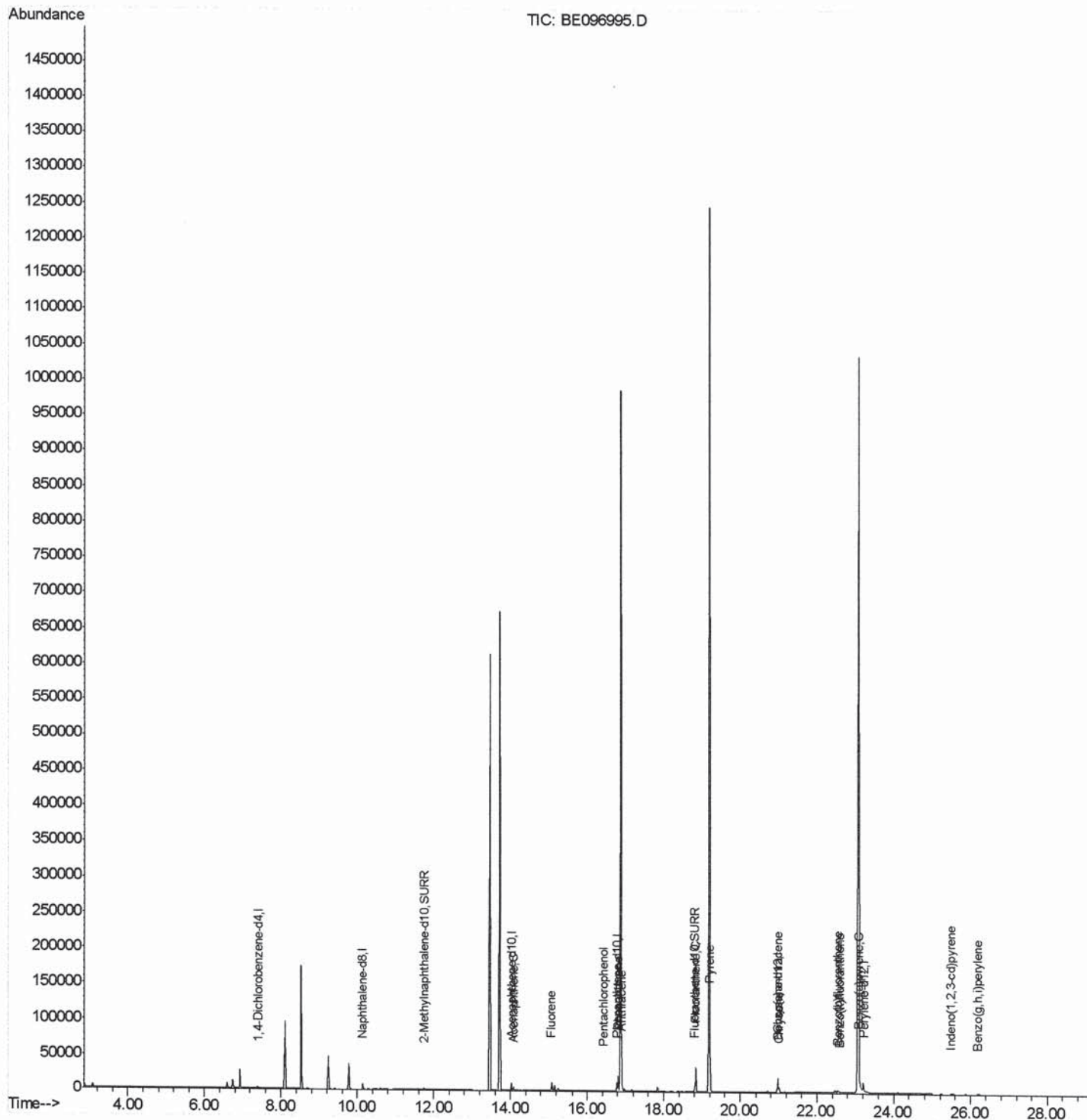
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
 Data File : BE096995.D
 Acq On : 18 Jul 2018 16:02
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:51:31 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 15:28:33 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

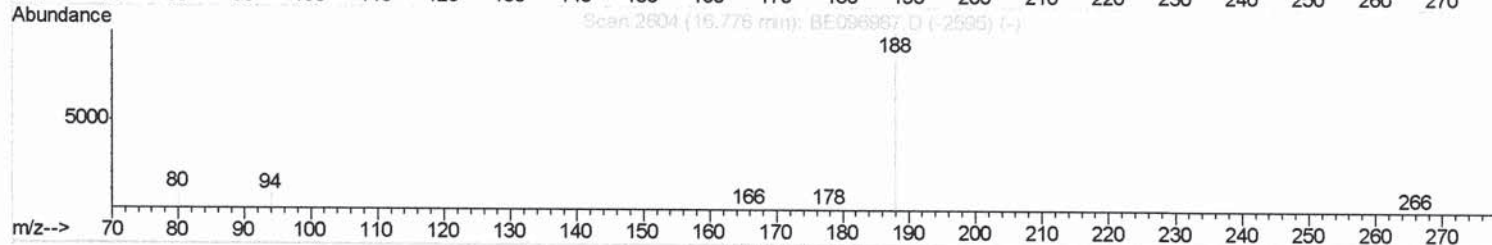
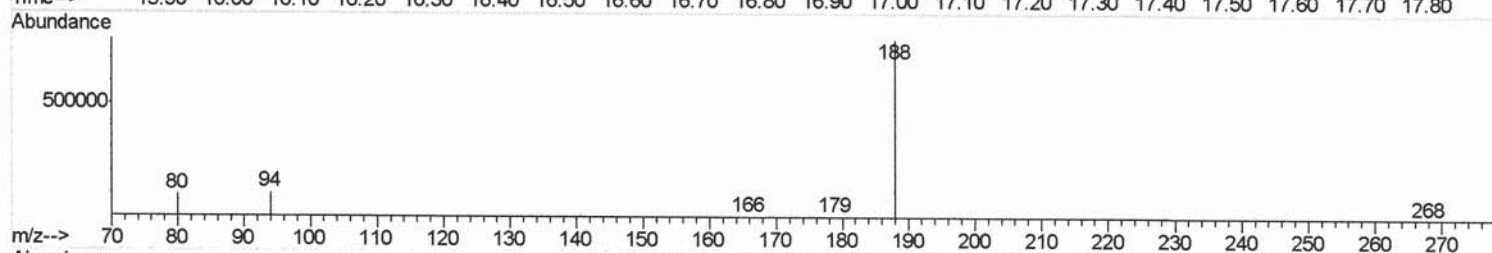
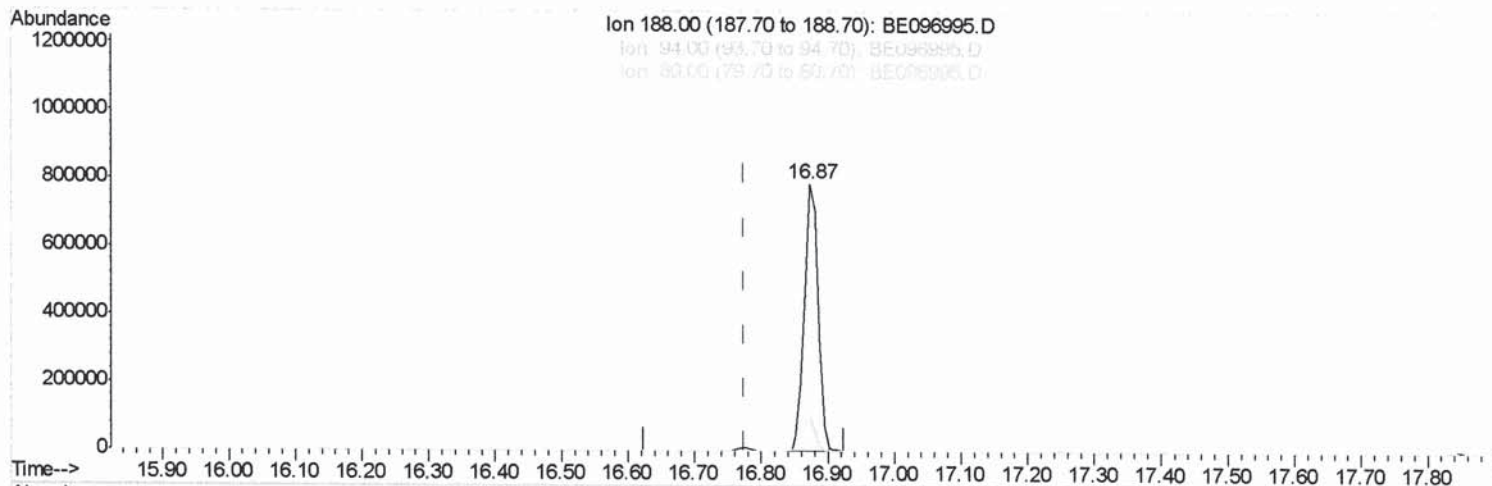
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Manual Integrations
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Sohil
7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:43:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE071718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE096995.D

(10) Phenanthrene-d10 (I)

16.873min (+0.098) 0.40ng/ul

response 1109287

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.23#
80.00	11.80	12.21
0.00	0.00	0.00

Quantitation Report (Qedit)

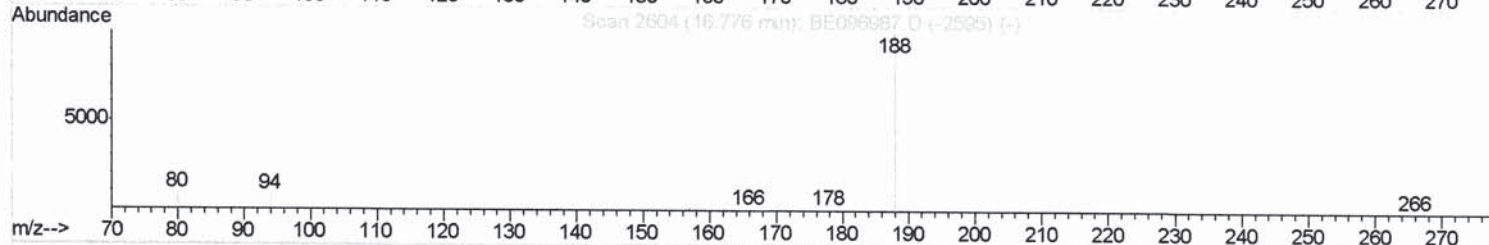
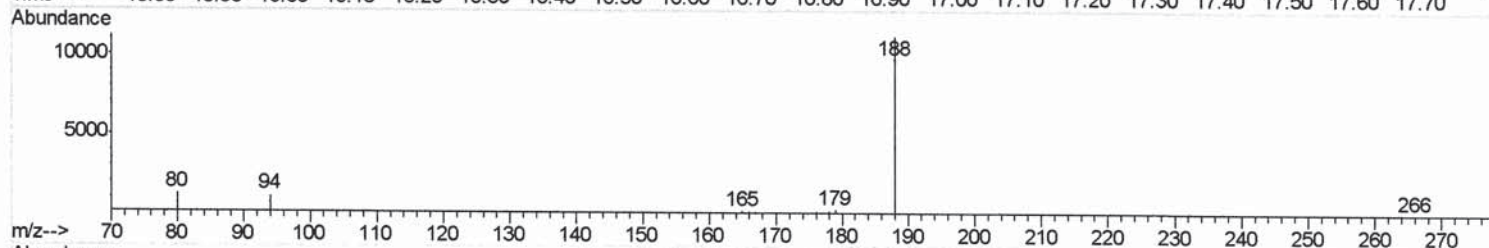
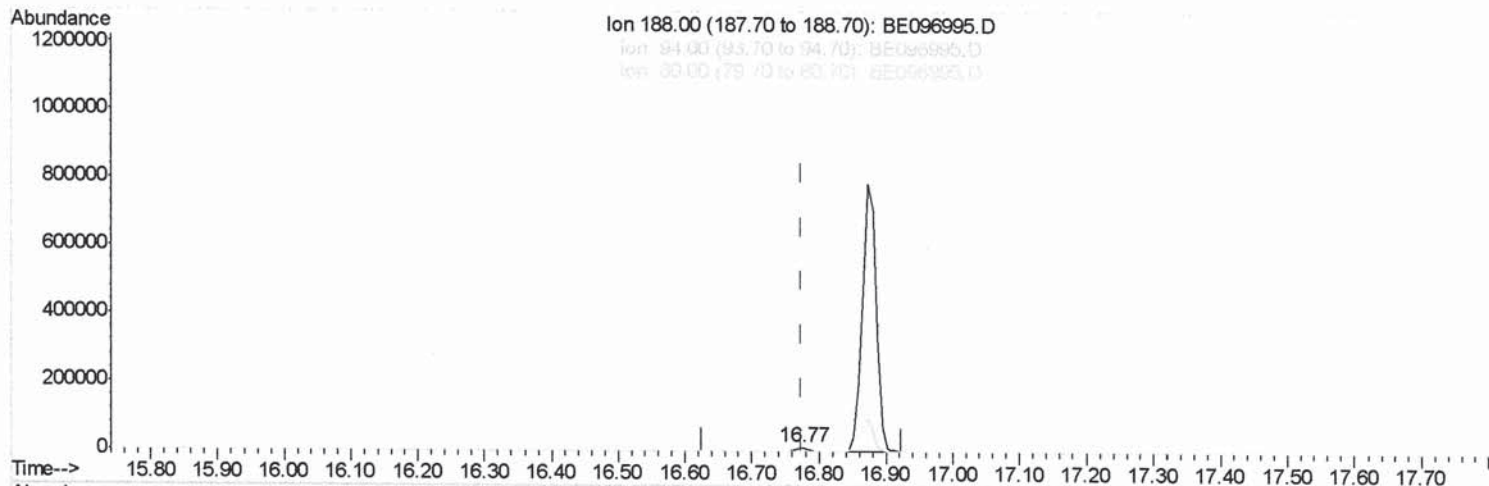
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TIC: BE096995.D

(10) Phenanthrene-d10 (I)

16.775min (-0.001) 0.40ng/ul m

response 15463

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.61
80.00	11.80	10.61
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

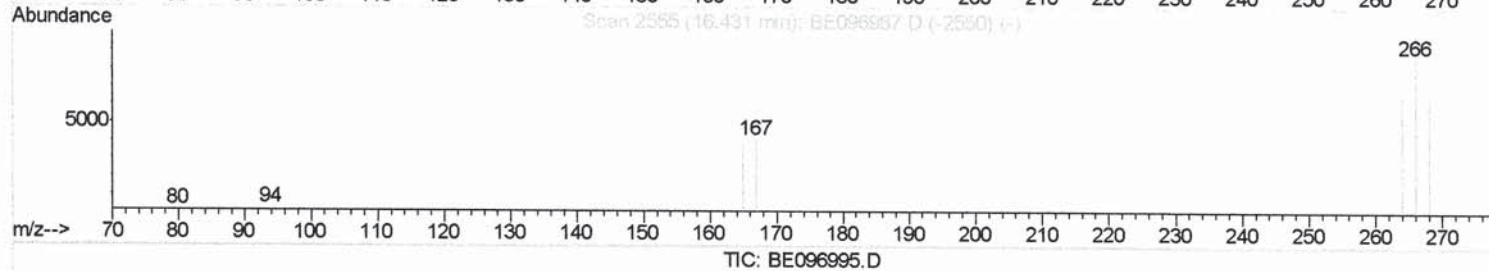
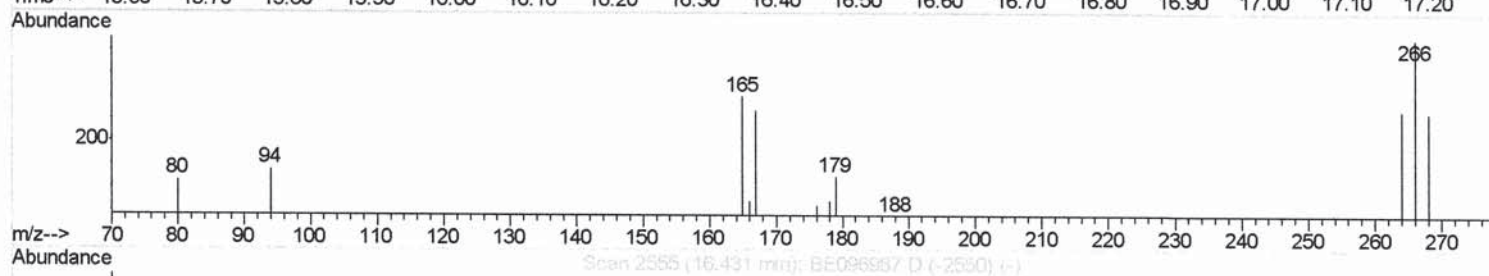
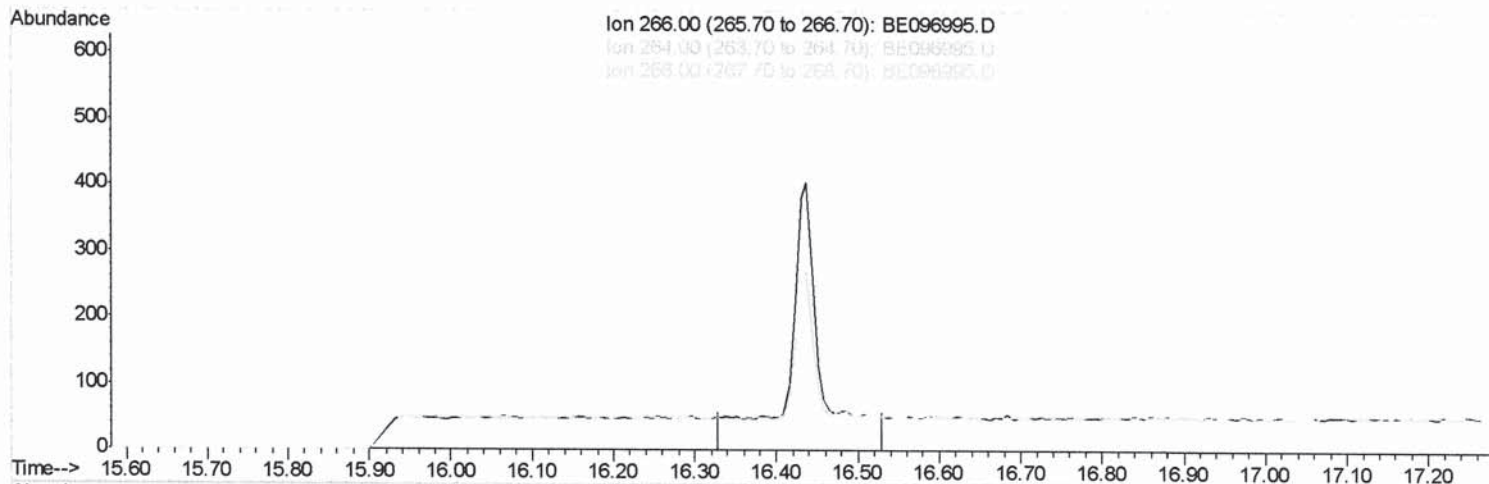
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(11) Pentachlorophenol

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

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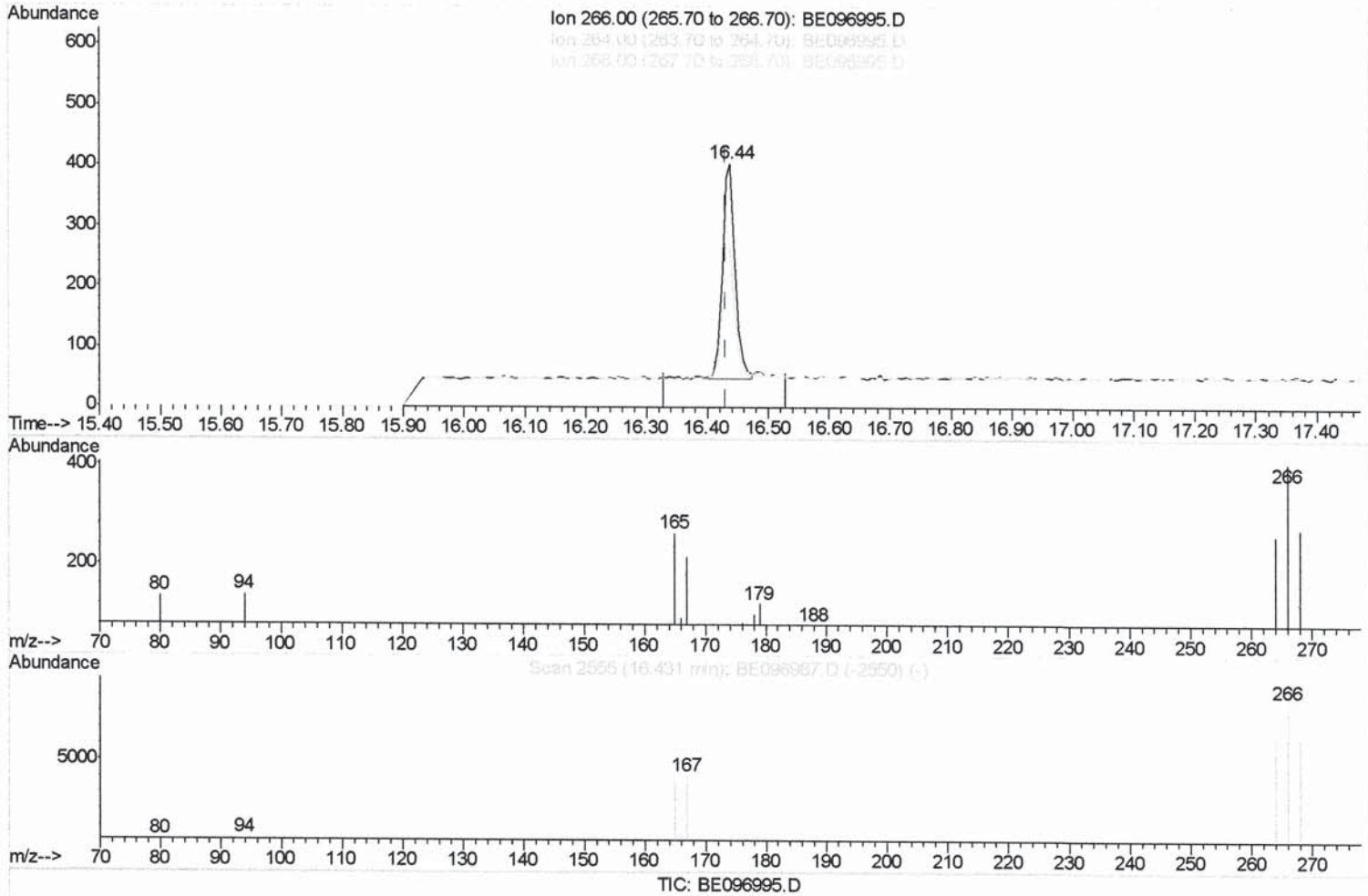
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(11) Pentachlorophenol

16.437min (+0.007) 0.31ng/ul m

response 541

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

SJ 7/19/18

Quantitation Report (Qedit)

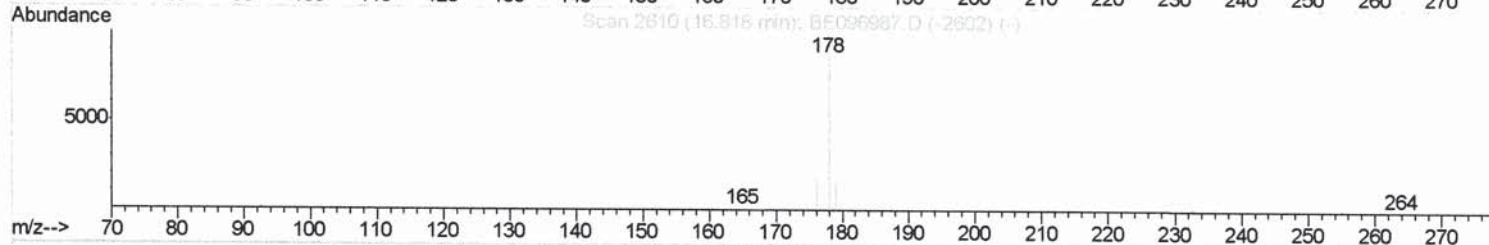
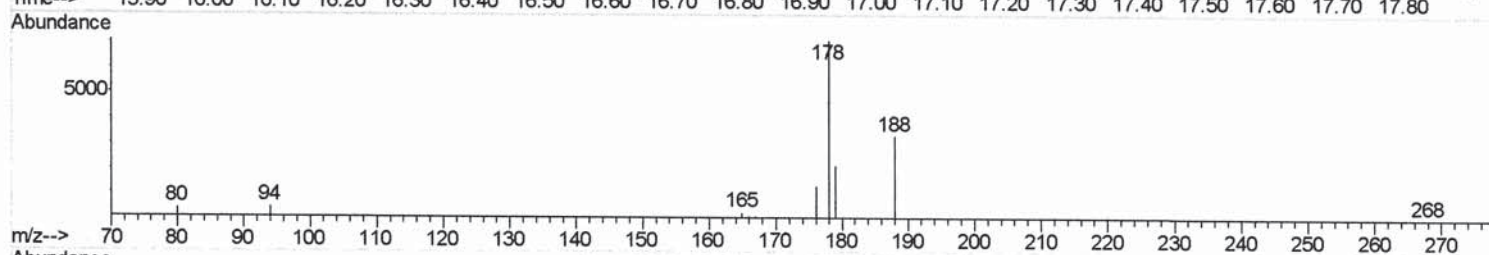
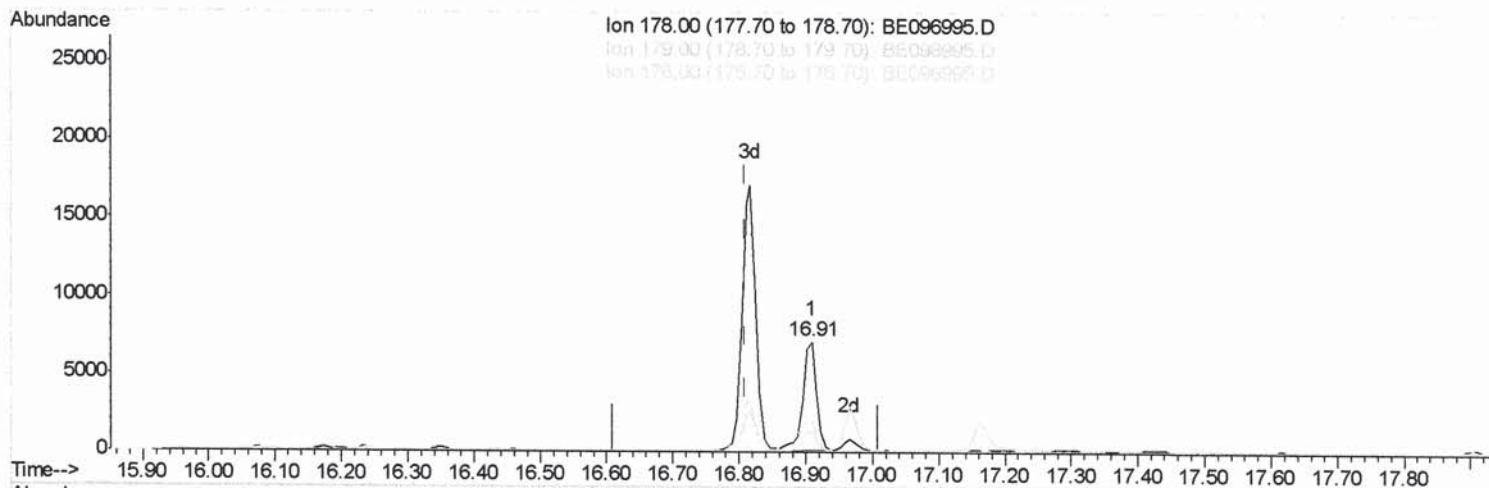
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TIC: BE096995.D

(12) Phenanthrene

16.908min (+0.098) 0.25ng/ul

response 10191

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	29.71#
176.00	17.00	18.44
0.00	0.00	0.00

Quantitation Report (Qedit)

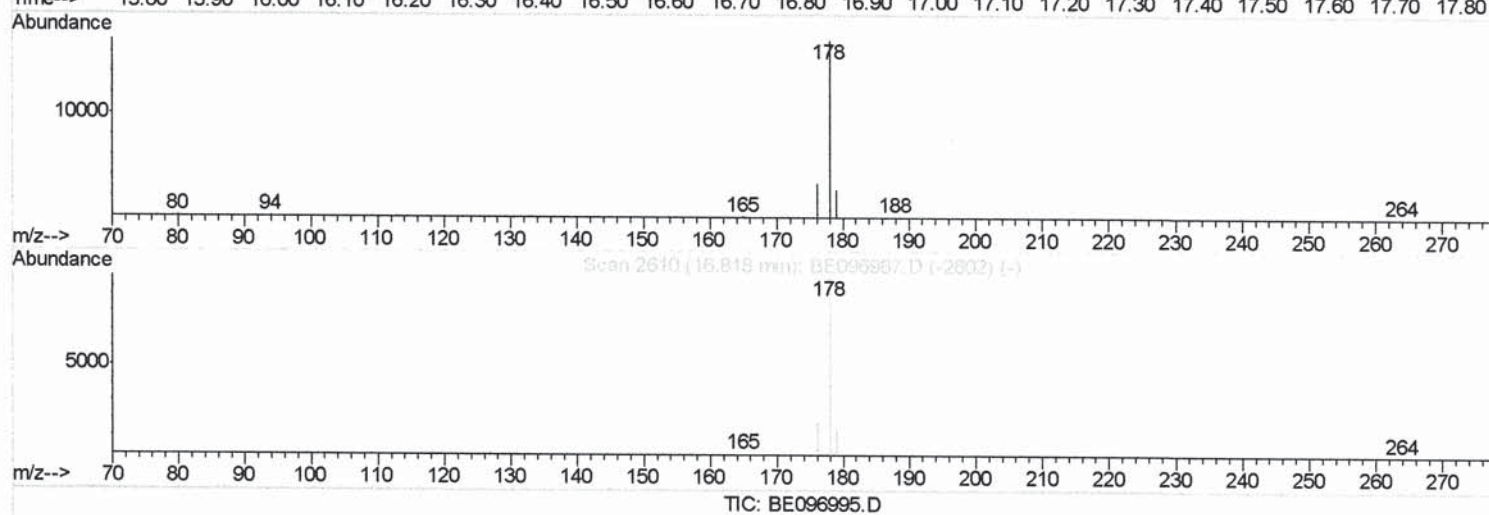
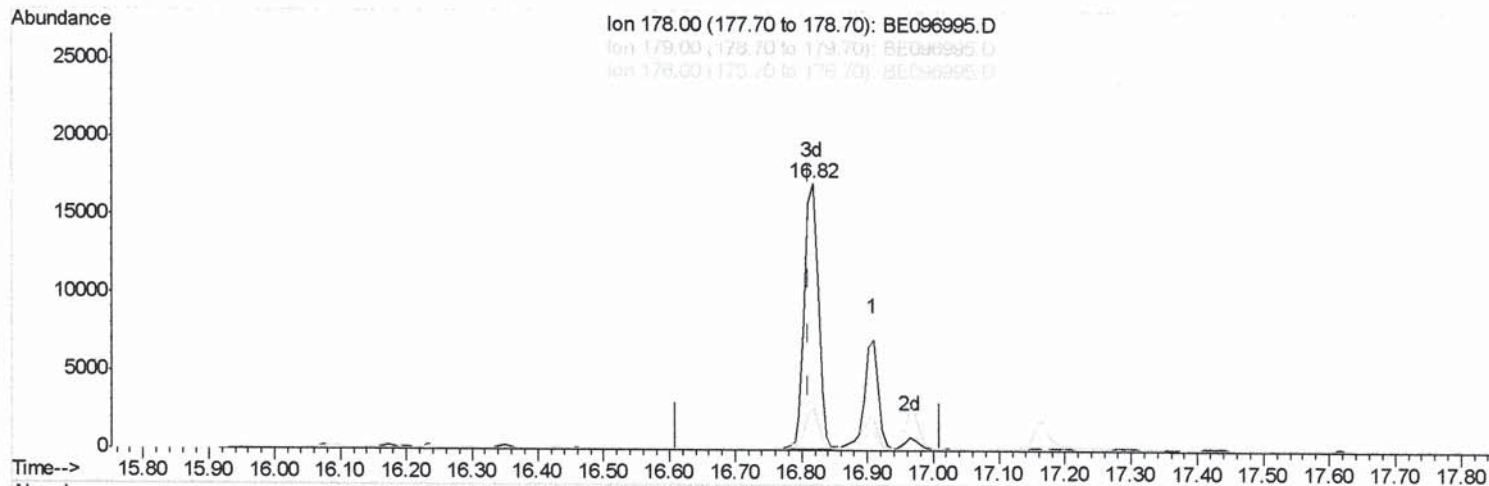
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Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
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(12) Phenanthrene

16.817min (+0.007) 0.61ng/ul m

response 24720

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.90#
176.00	17.00	19.28
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

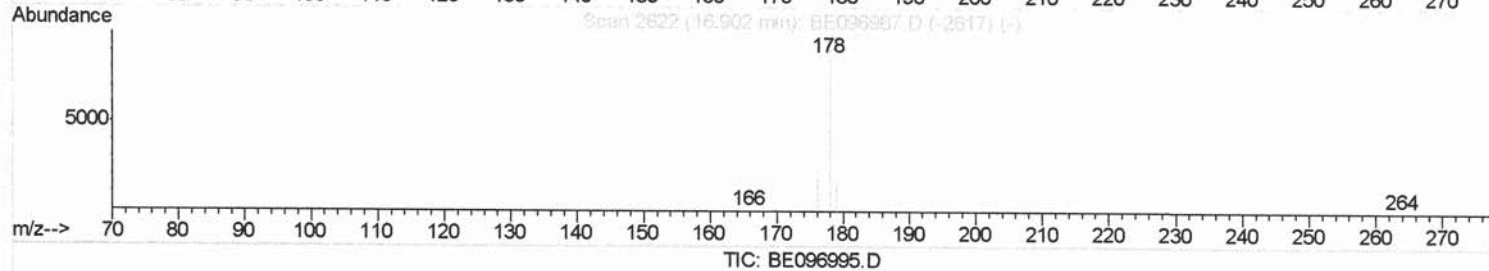
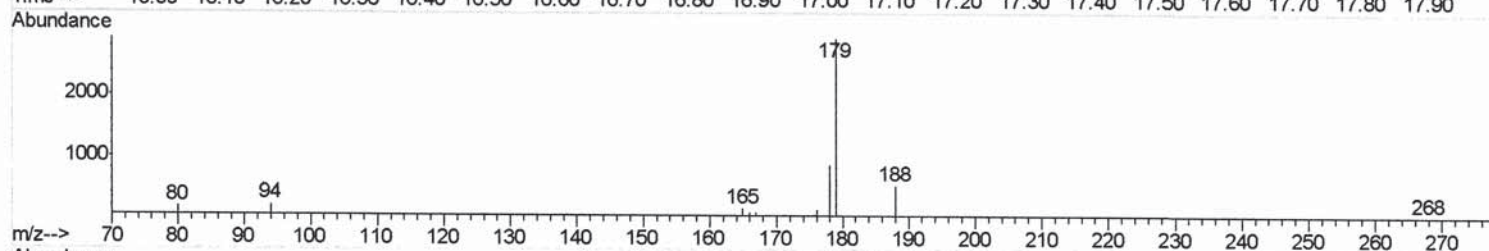
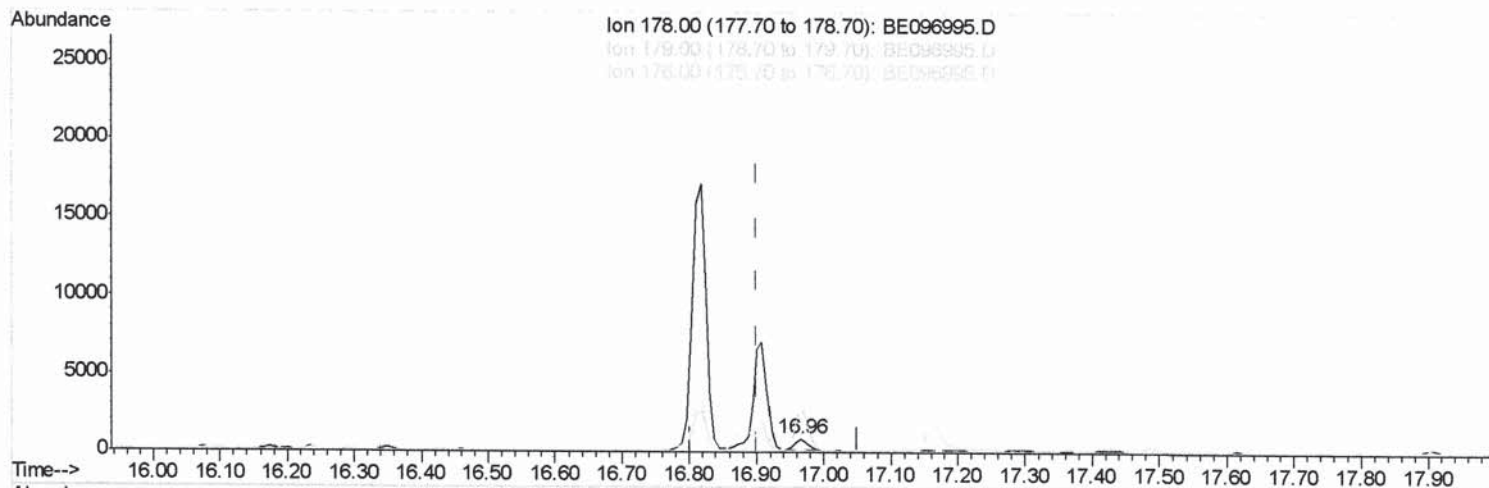
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Manual Integrations
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(13) Anthracene

16.965min (+0.063) 0.03ng/ul

response 1079

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	332.01#
176.00	18.40	17.42
0.00	0.00	0.00

Quantitation Report (Qedit)

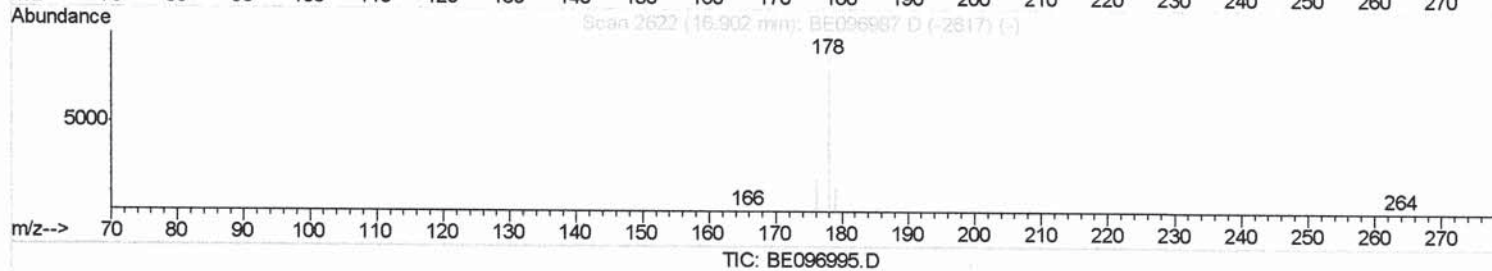
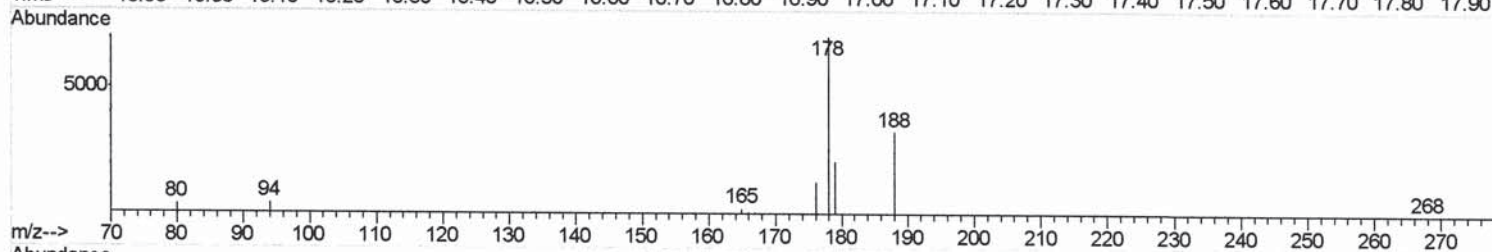
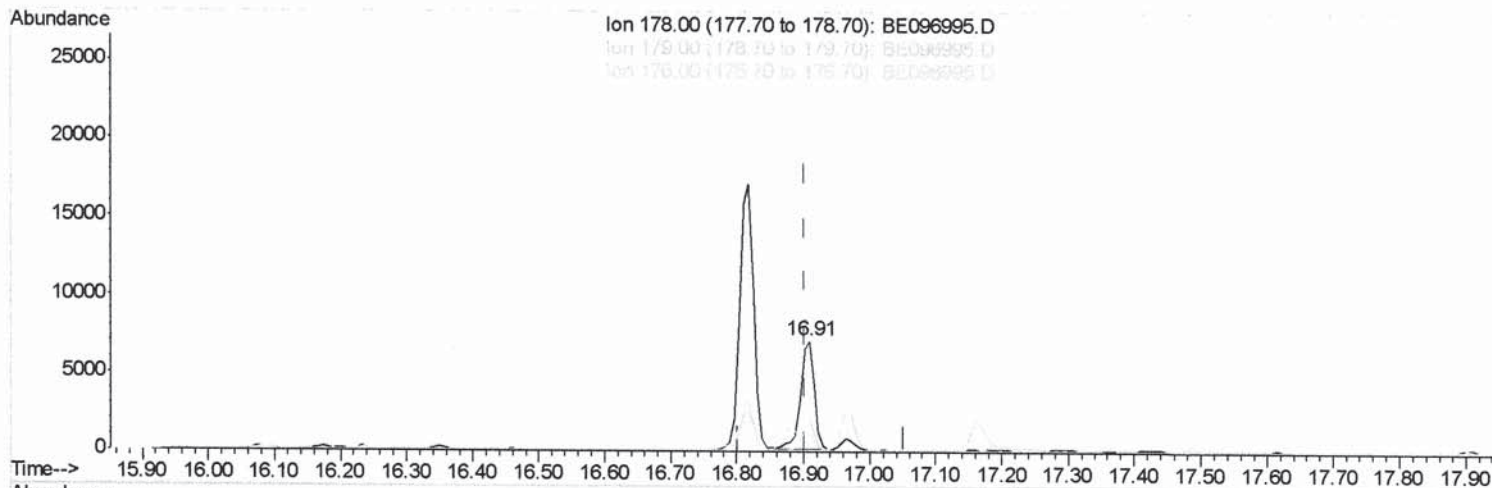
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 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:36:53 AM

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(13) Anthracene

16.908min (+0.007) 0.28ng/ul m

response 10026

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	29.71#
176.00	18.40	18.44
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

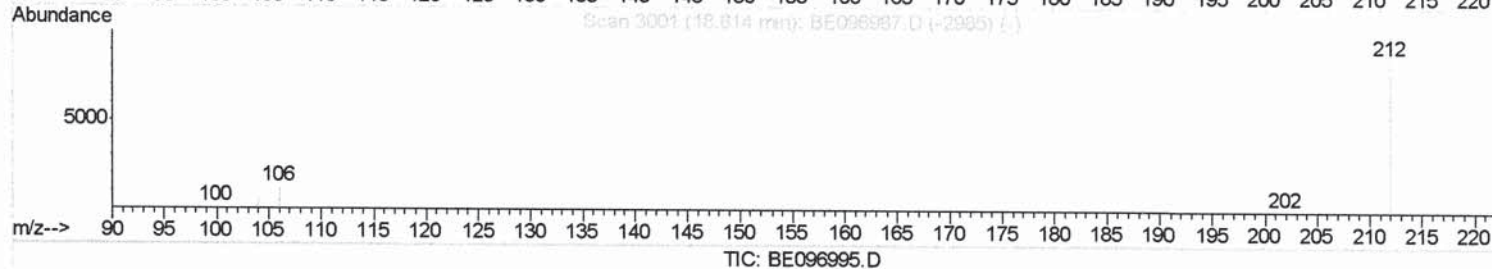
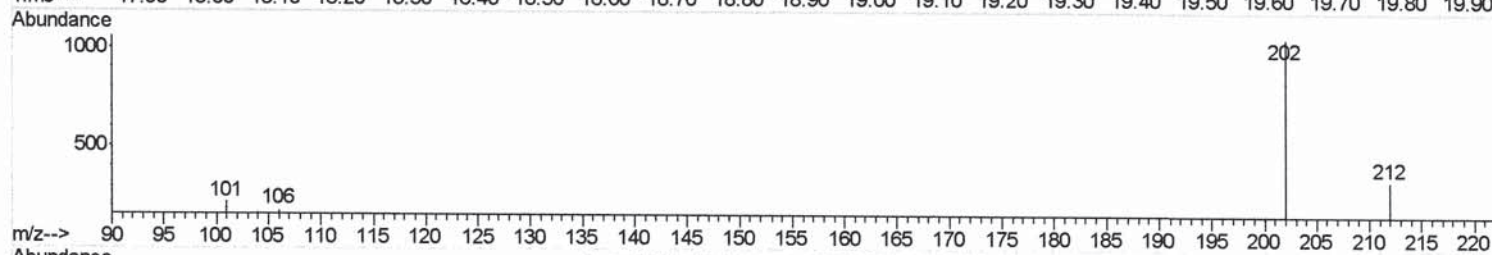
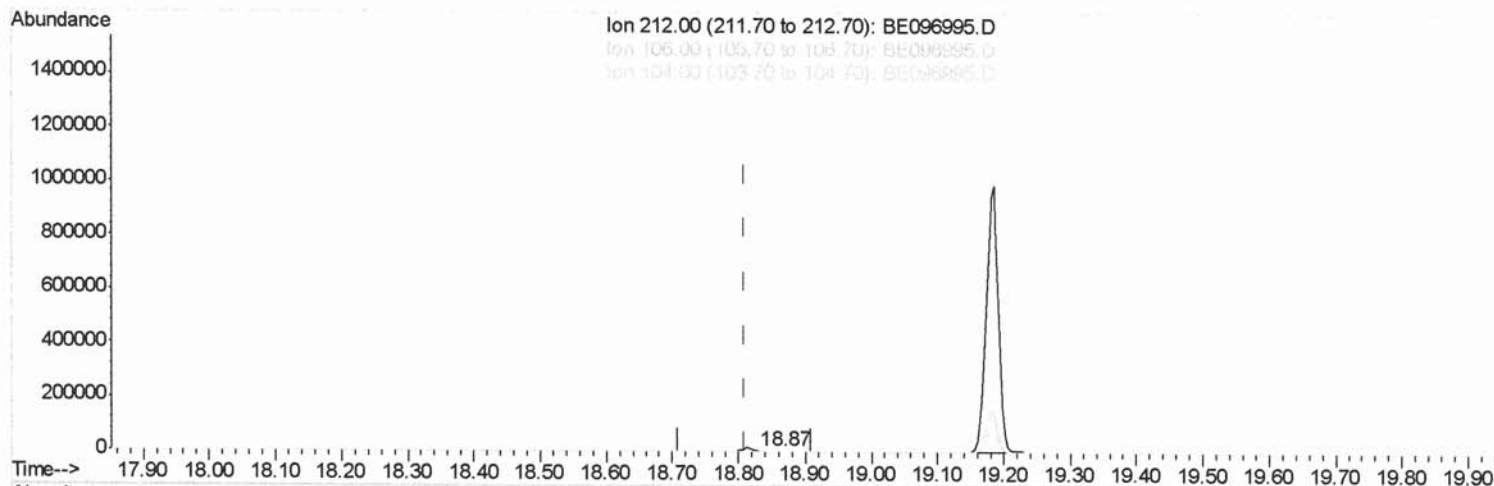
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.867min (+0.057) 0.01ng/ul

response 339

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	10.03#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

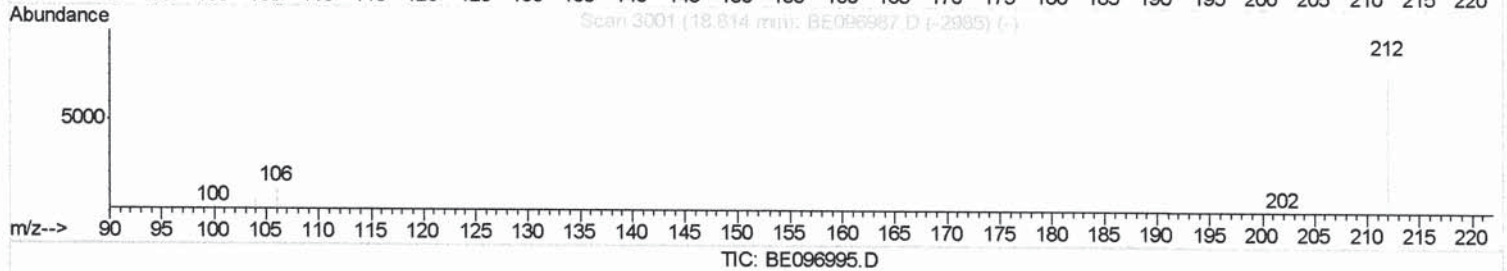
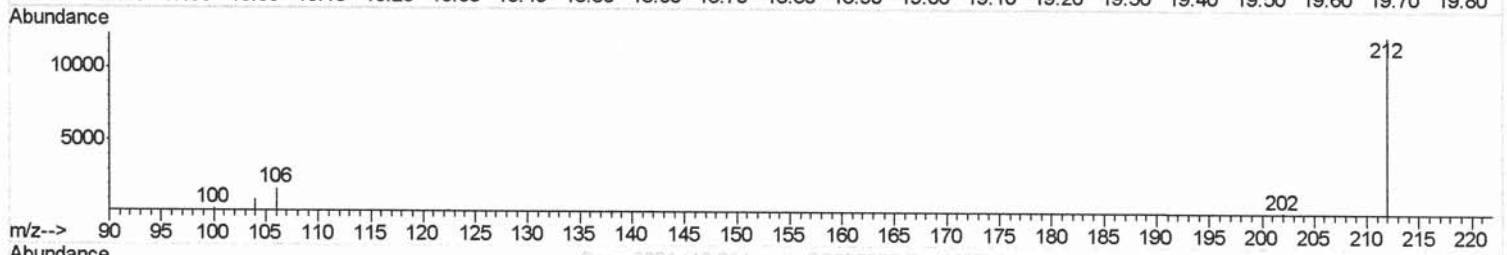
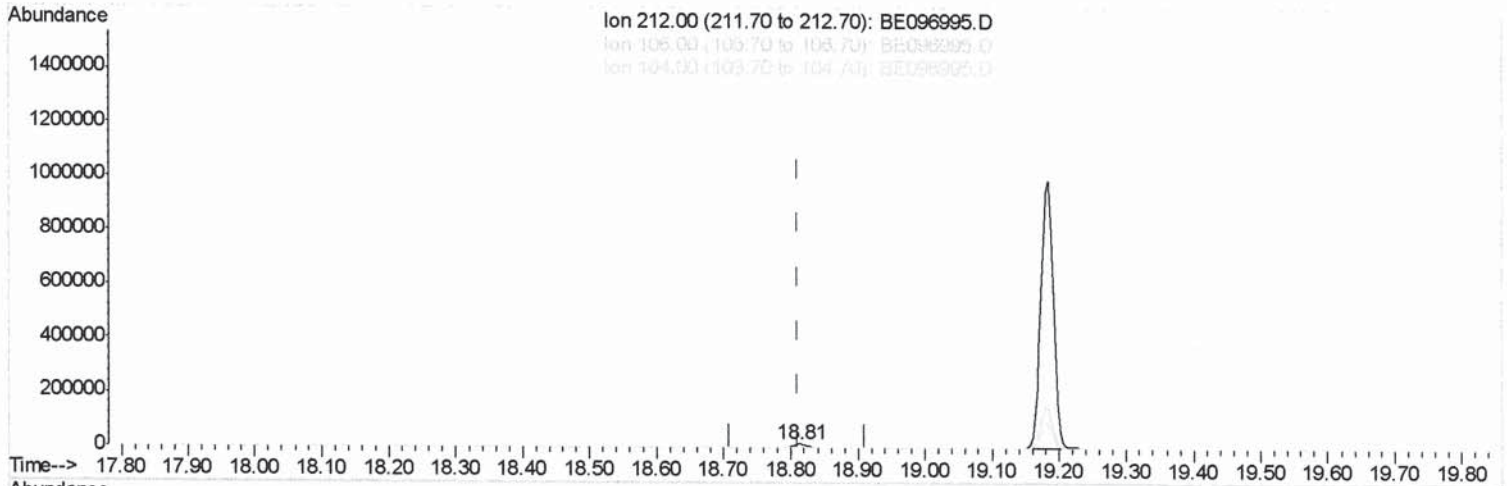
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Manual Integrations
 APPROVED

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(14) Fluoranthene-d10 (SURR)

18.814min (+0.003) 0.34ng/ul m

response 15920

Ion Exp% Act%

212.00 100 100

106.00 18.30 0.21#

104.00 15.60 0.00#

0.00 0.00 0.00

SJ 7/19/18

Quantitation Report (Qedit)

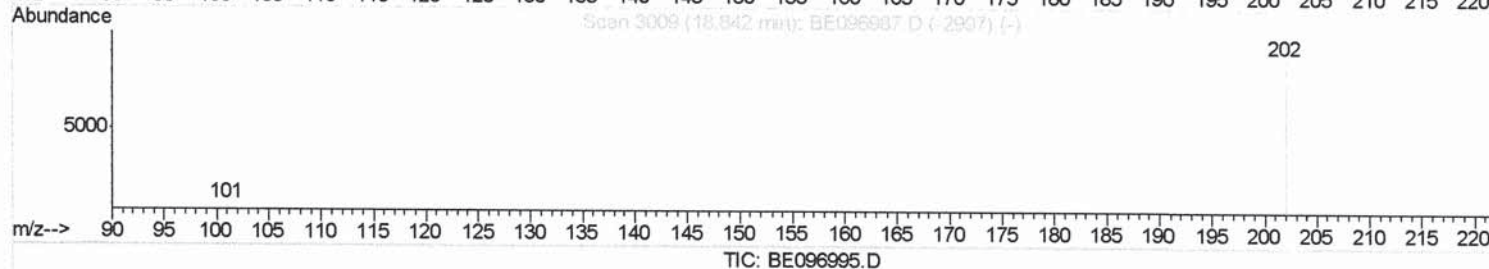
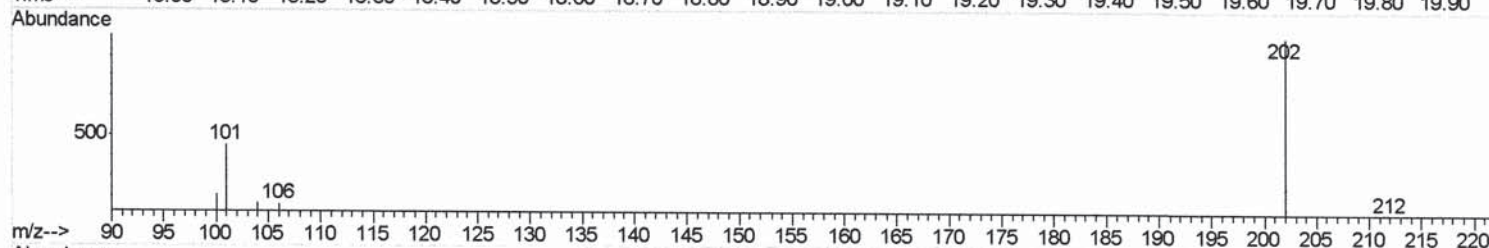
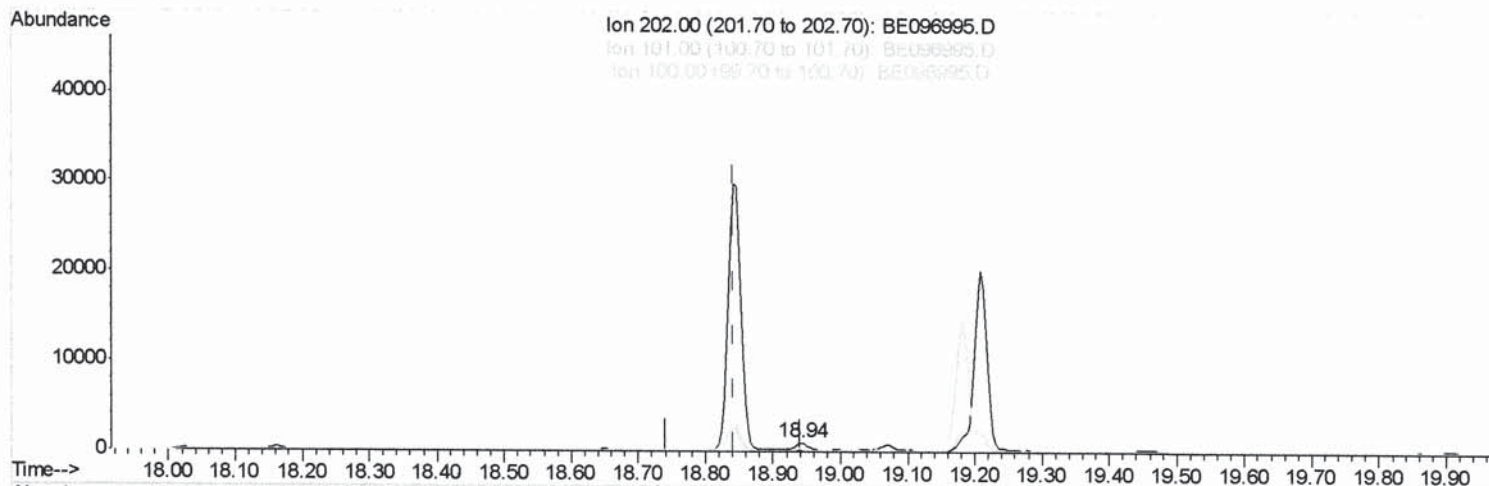
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(15) Fluoranthene (C)

18.942min (+0.100) 0.02ng/ul

response 1094

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	45.30#
100.00	19.50	20.90
0.00	0.00	0.00

Quantitation Report (Qedit)

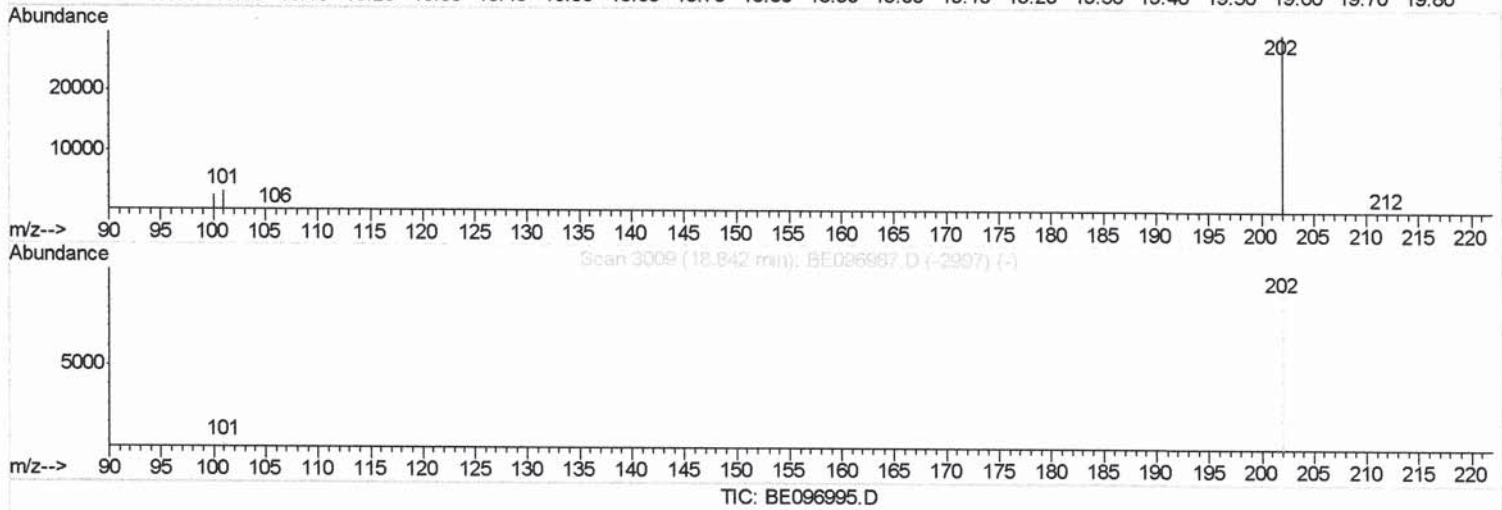
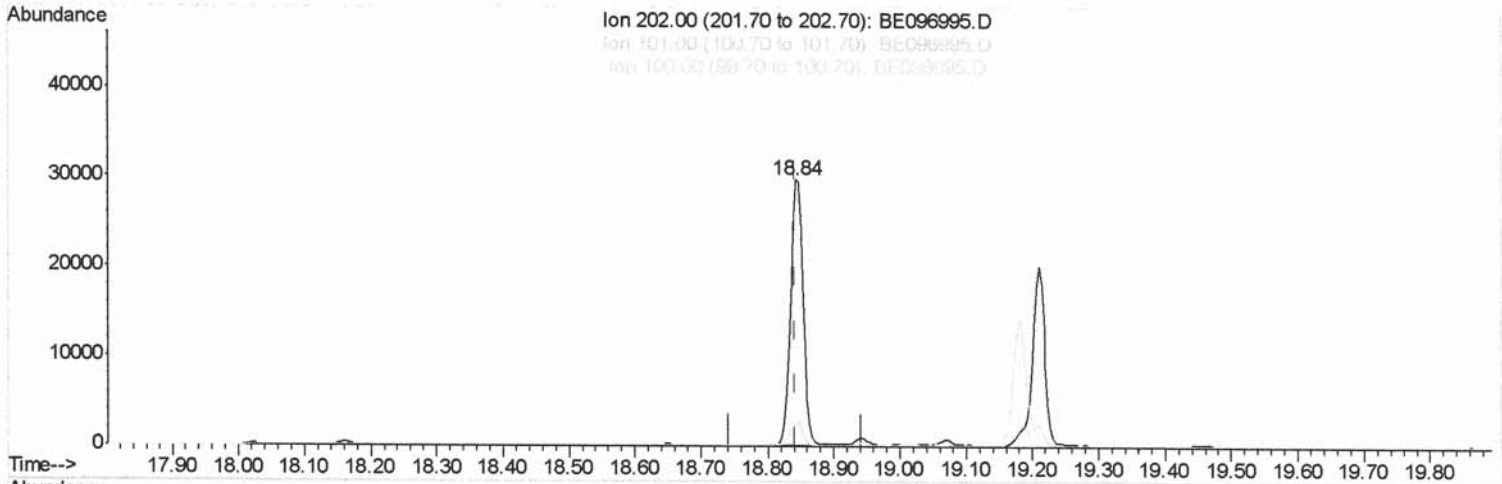
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(15) Fluoranthene (C)

18.842min (-0.000) 0.73ng/ul m

response 39040

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.94
100.00	19.50	8.92
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

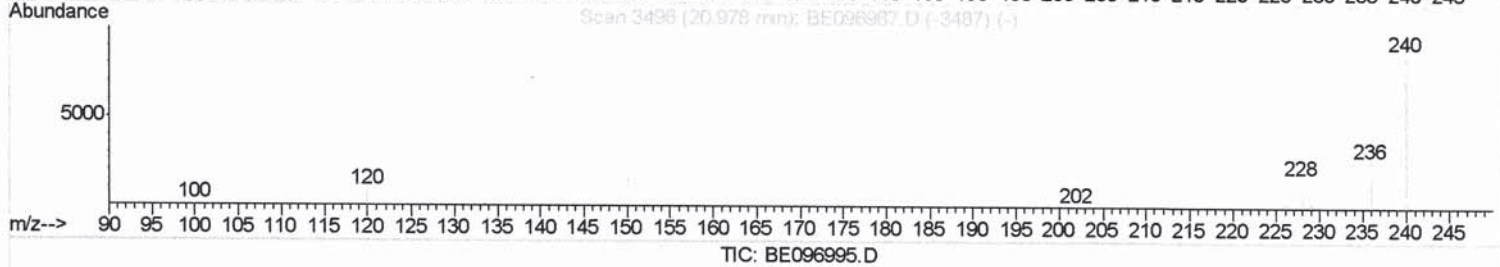
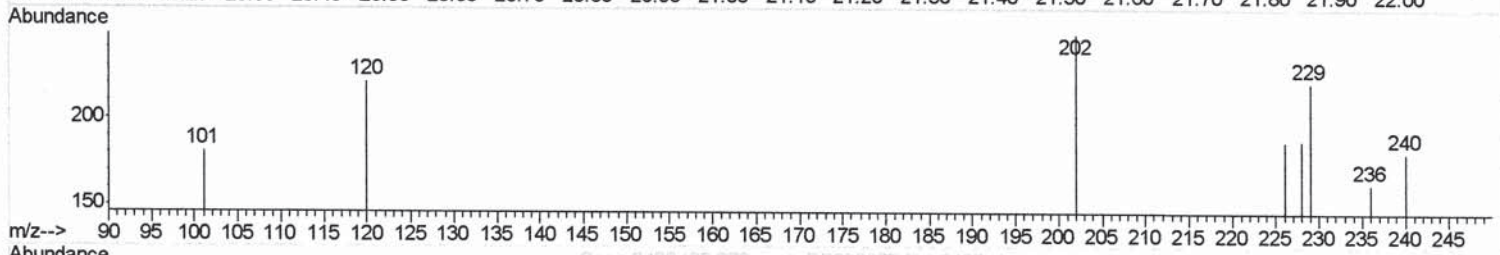
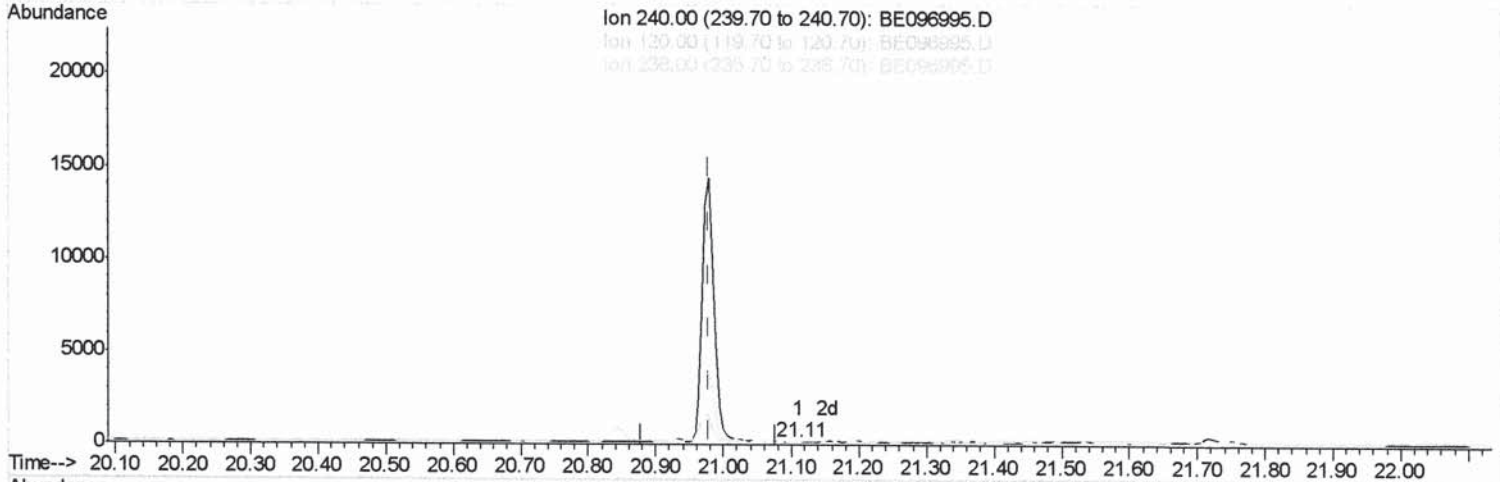
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(16) Chrysene-d12 (I)

21.111min (+0.133) 0.40ng/ul

response 57

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	122.10#
236.00	34.90	90.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

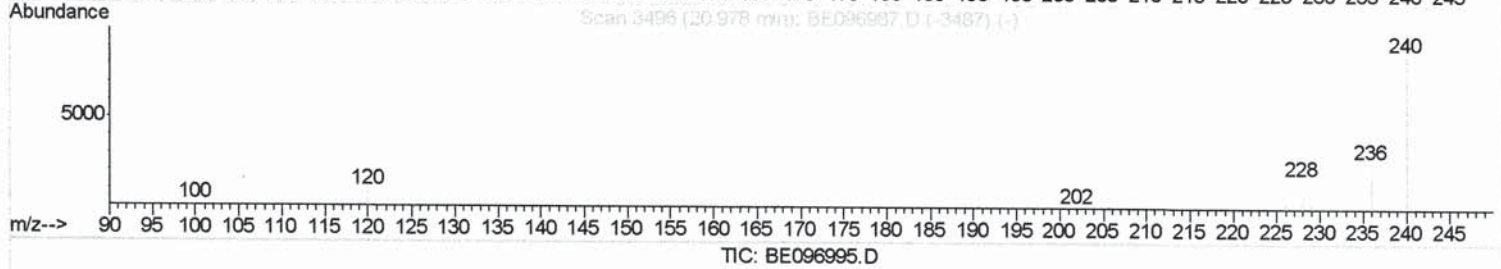
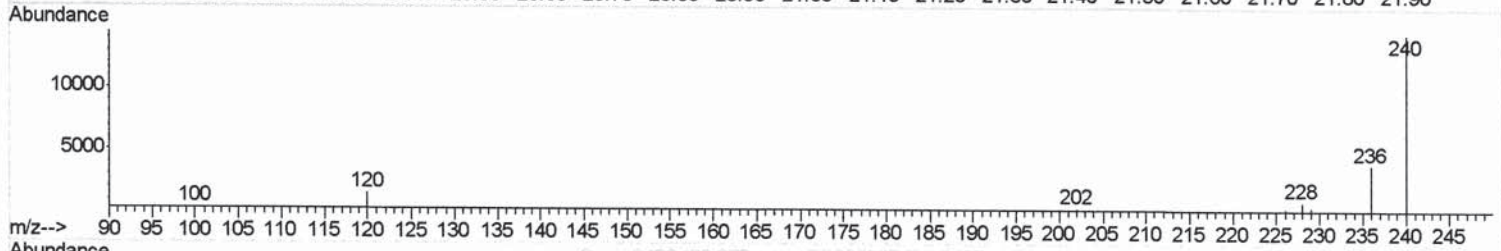
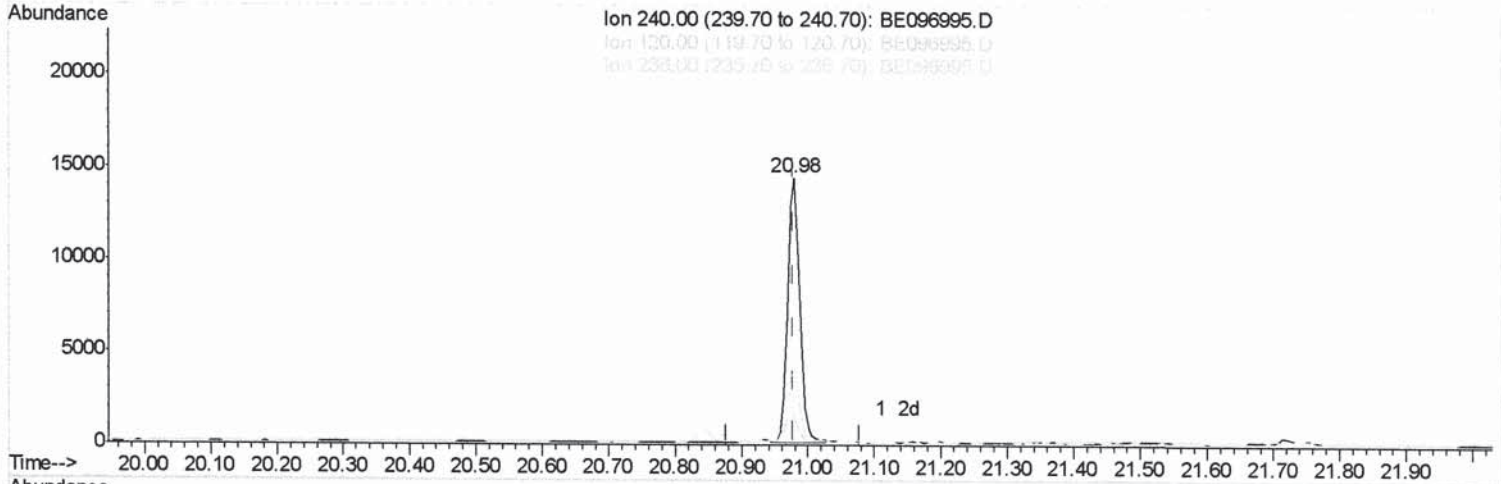
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 7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:44:57 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 15:28:33 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.979min (+0.000) 0.40ng/ul m

response 17560

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	10.52#
236.00	34.90	27.45#
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

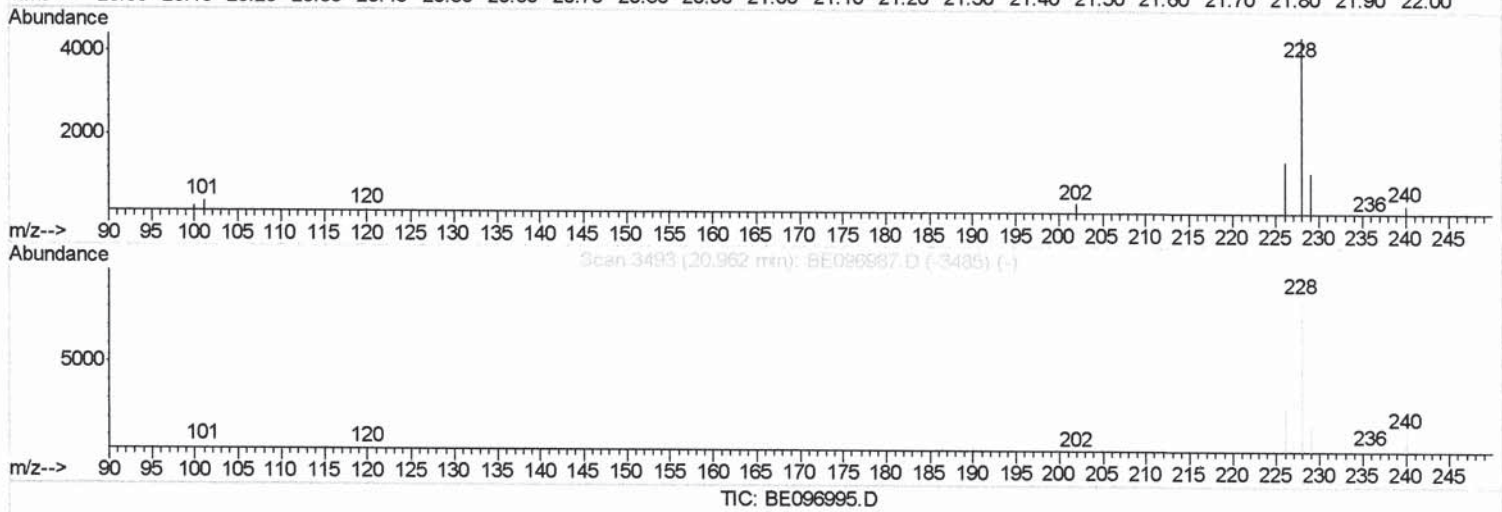
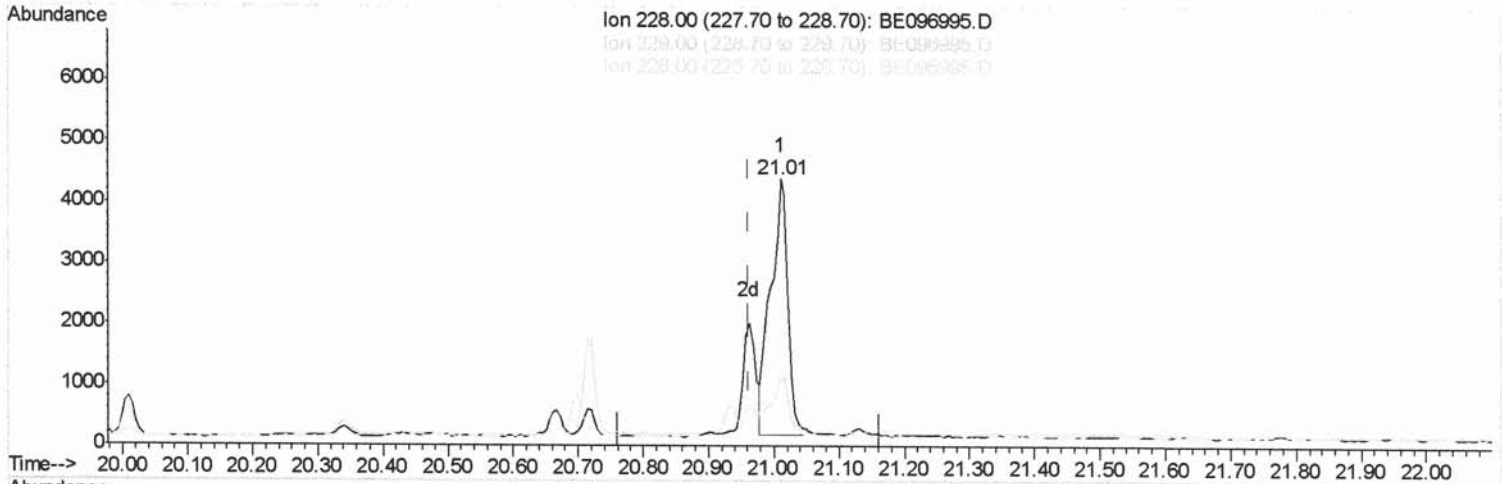
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
 Data File : BE096995.D
 Acq On : 18 Jul 2018 16:02
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:47:58 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 15:28:33 2018
 Response via : Initial Calibration



(18) Benzo(a)anthracene
 21.011min (+0.048) 0.17ng/ul
 response 7691

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	26.84
226.00	21.30	32.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

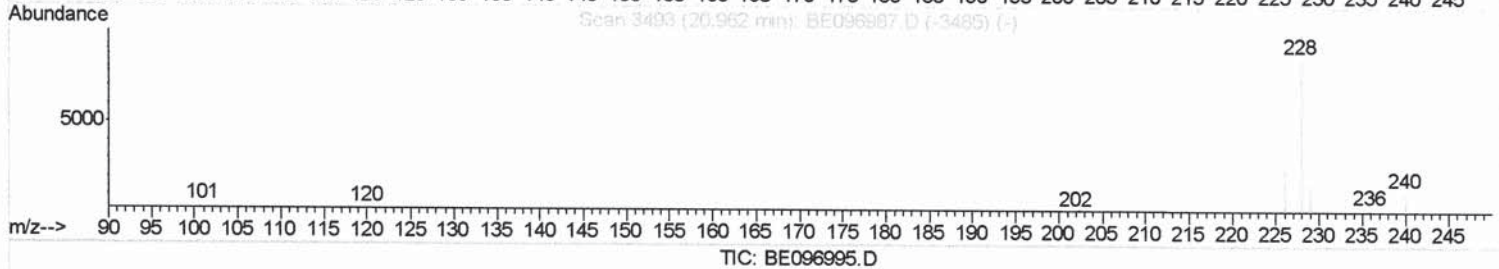
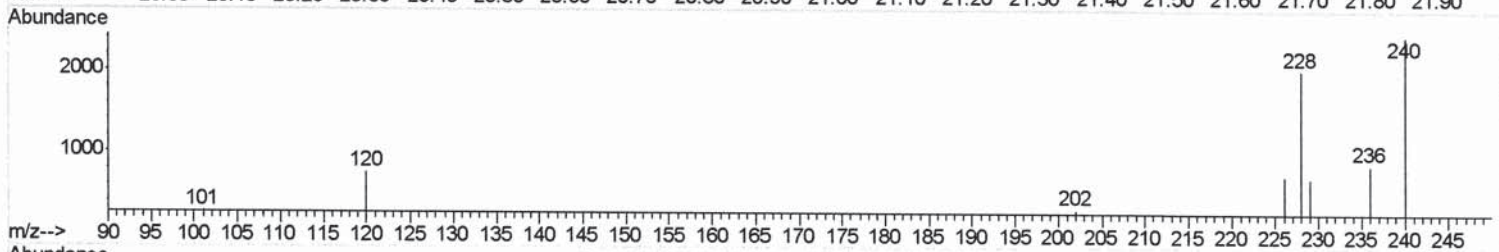
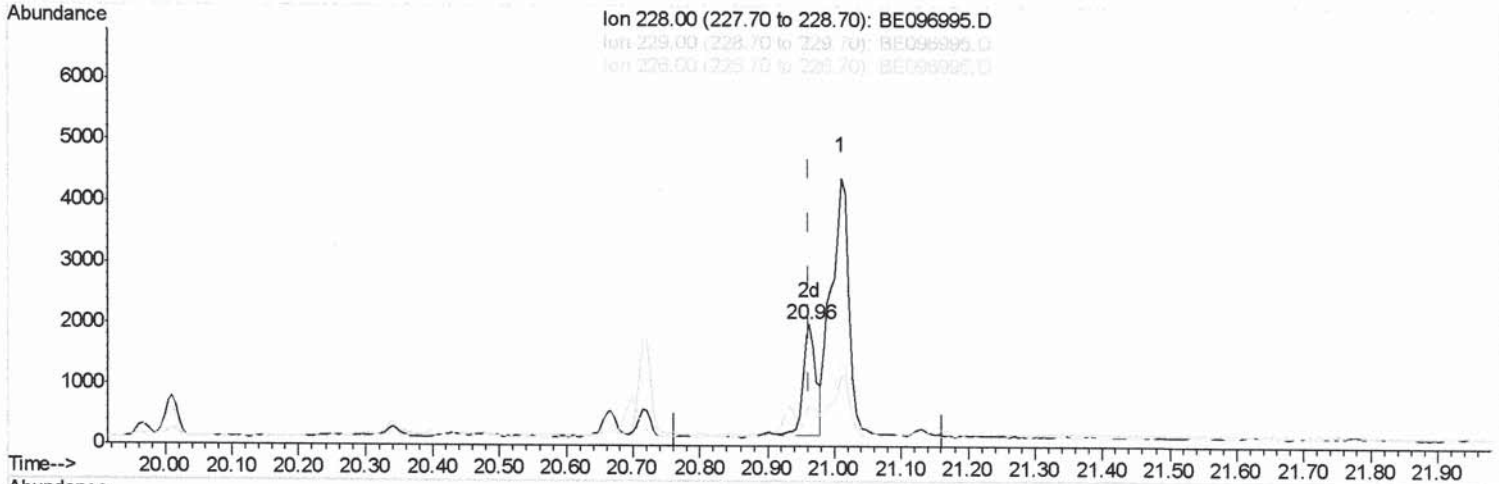
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
 Data File : BE096995.D
 Acq On : 18 Jul 2018 16:02
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:47:58 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 15:28:33 2018
 Response via : Initial Calibration



(18) Benzo(a)anthracene

20.963min (+0.000) 0.06ng/ul m

response 2606

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	34.71#
226.00	21.30	35.70#
0.00	0.00	0.00

557/19/18

Quantitation Report (Qedit)

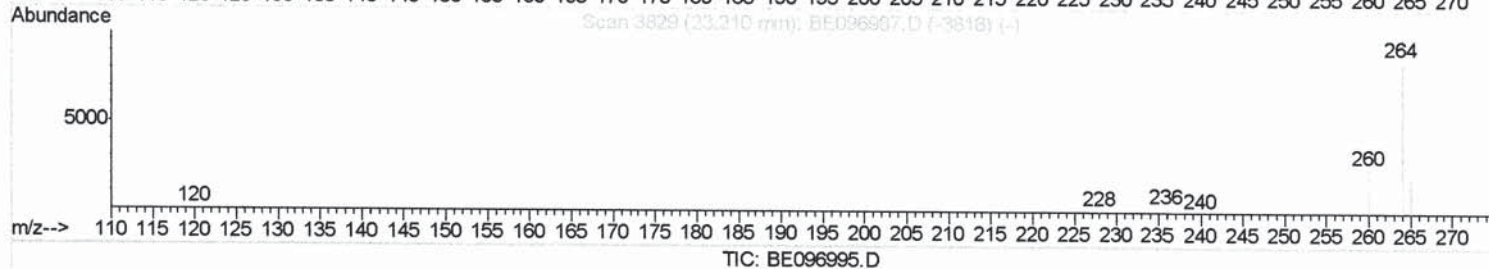
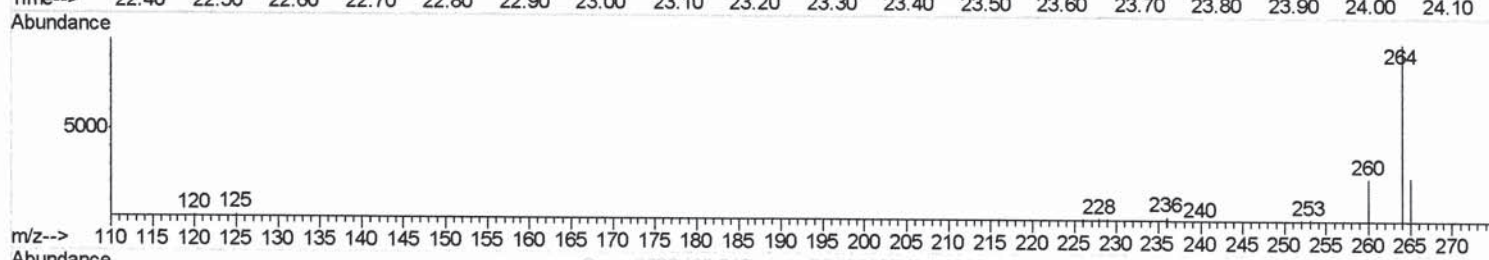
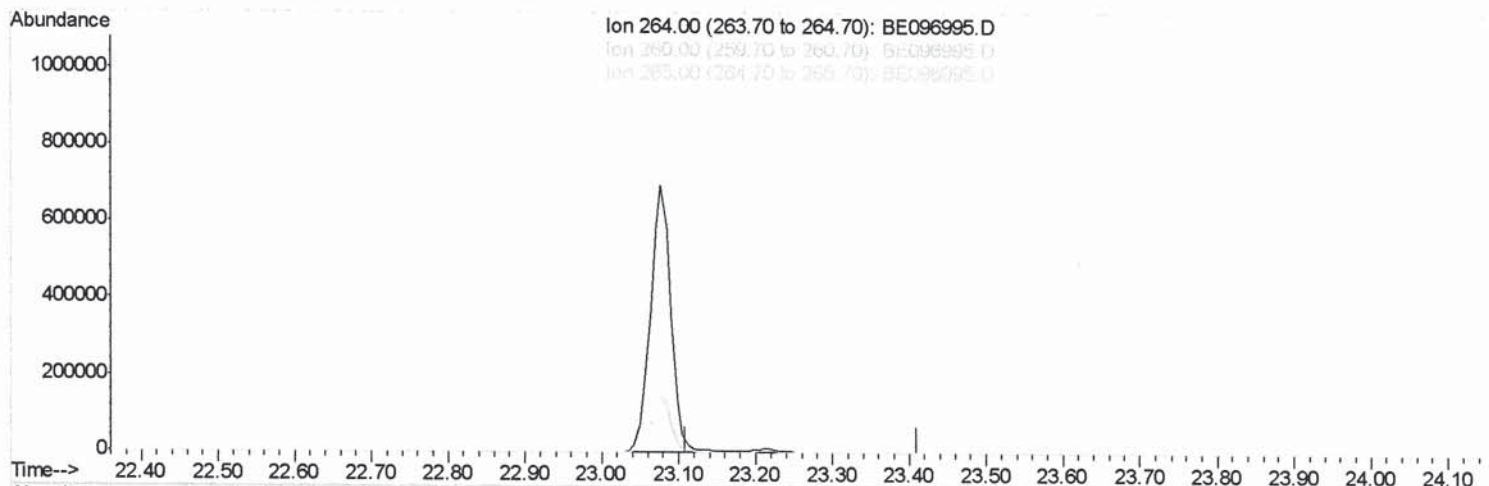
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
Data File : BE096995.D
Acq On : 18 Jul 2018 16:02
Operator : SJ/JU
Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1F9

Manual Integrations
APPROVED

Sohil
7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:47:58 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 15:28:33 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)

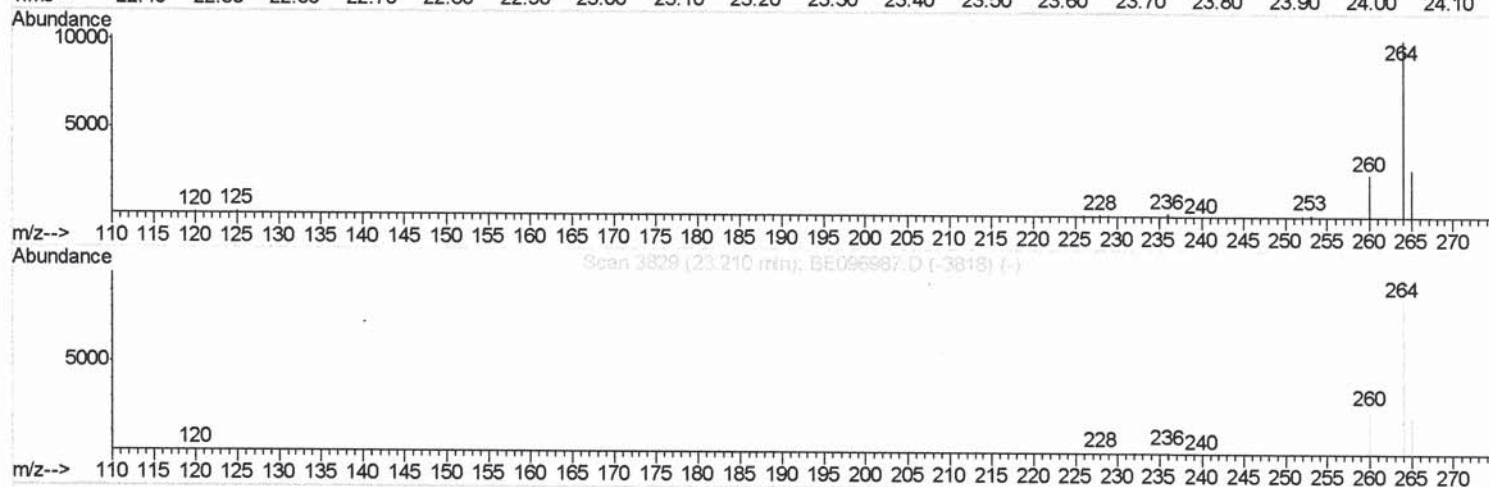
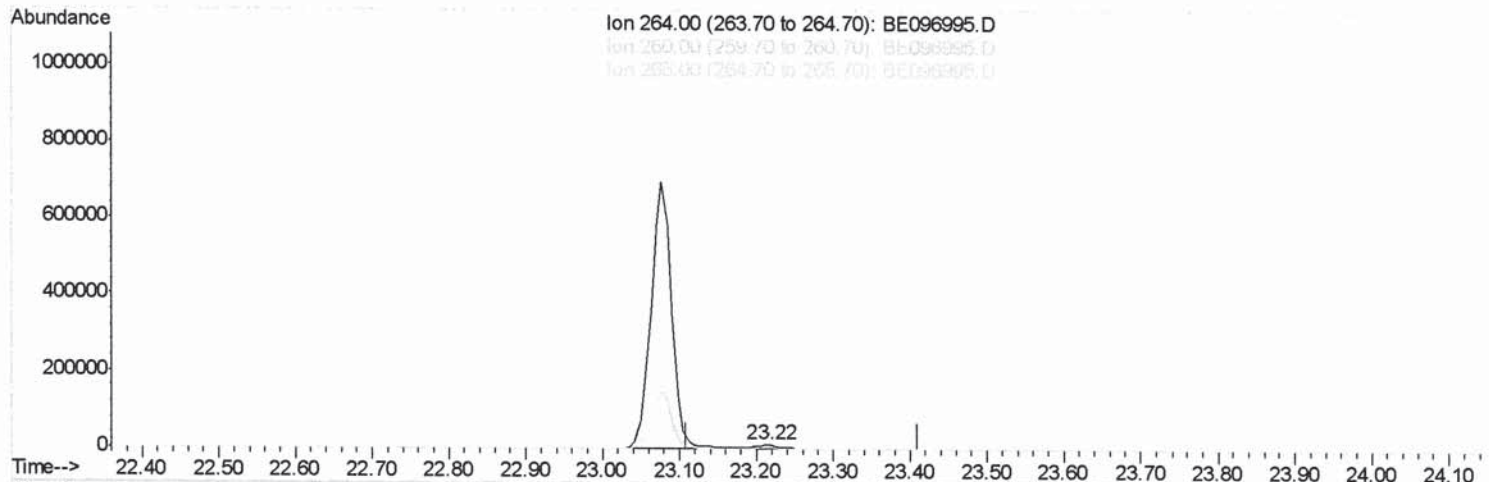
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
 Data File : BE096995.D
 Acq On : 18 Jul 2018 16:02
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:47:58 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 15:28:33 2018
 Response via : Initial Calibration



TIC: BE096995.D

(20) Perylene-d12 (I)

23.217min (+0.007) 0.40ng/ul m

response 14339

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.73
265.00	103.50	27.33#
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

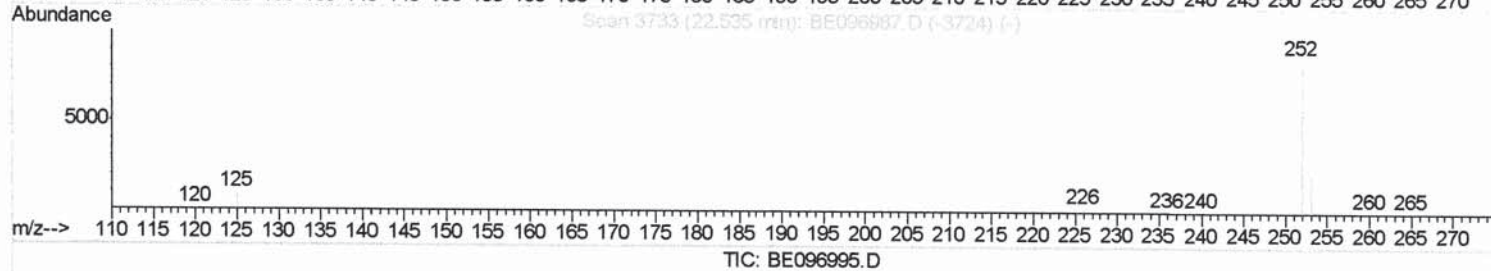
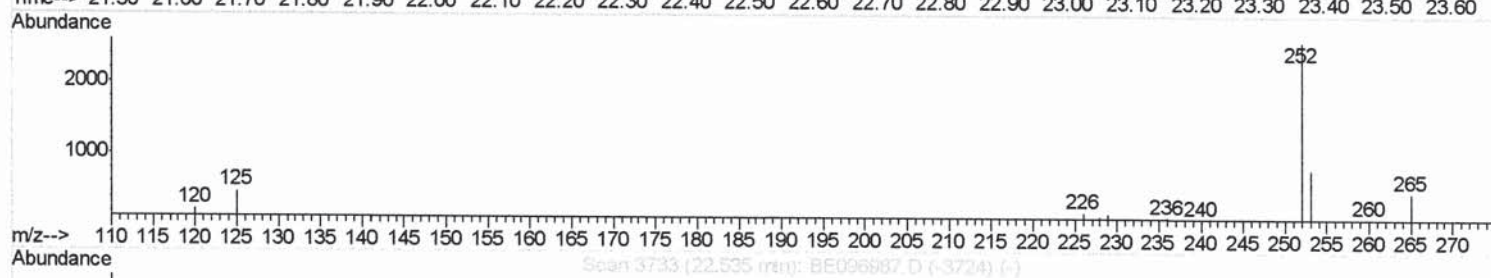
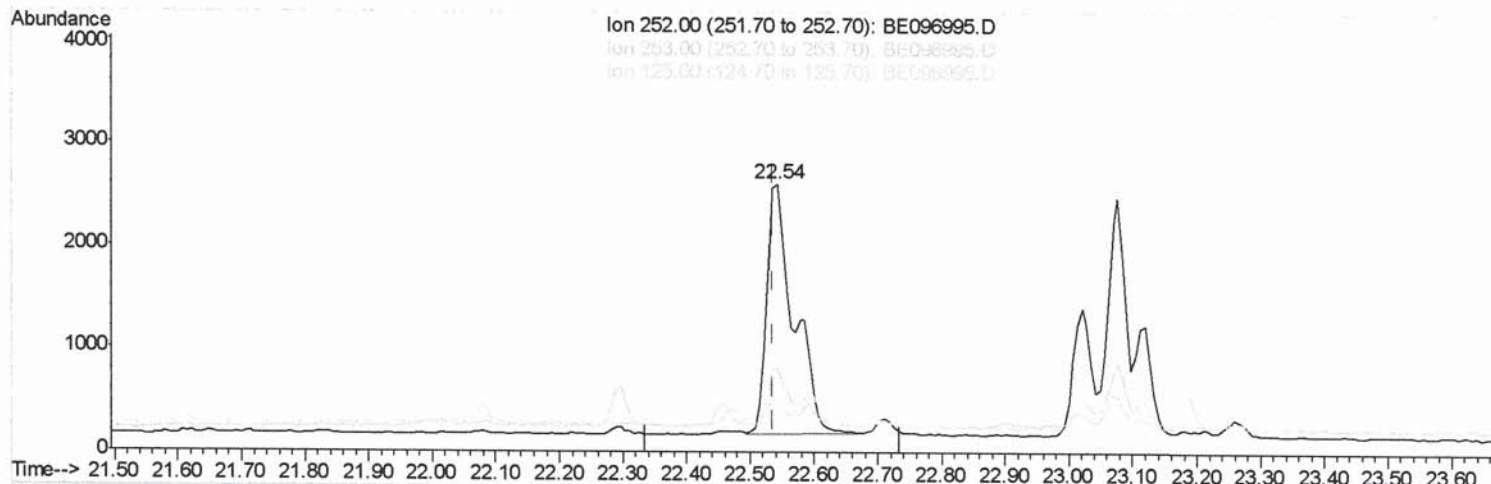
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
Data File : BE096995.D
Acq On : 18 Jul 2018 16:02
Operator : SJ/JU
Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1F9

Manual Integrations
APPROVED

Sohil
7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:50:18 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 15:28:33 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.17ng/ul

response 7048

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.44
125.00	17.50	18.05
0.00	0.00	0.00

Quantitation Report (Qedit)

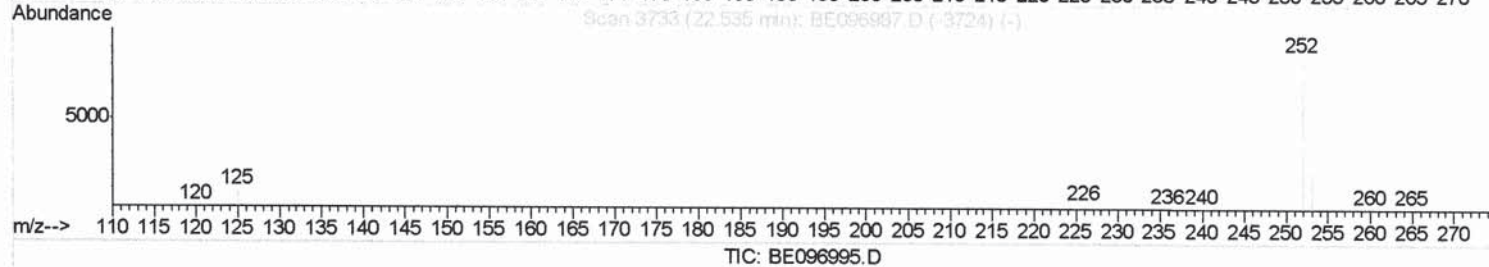
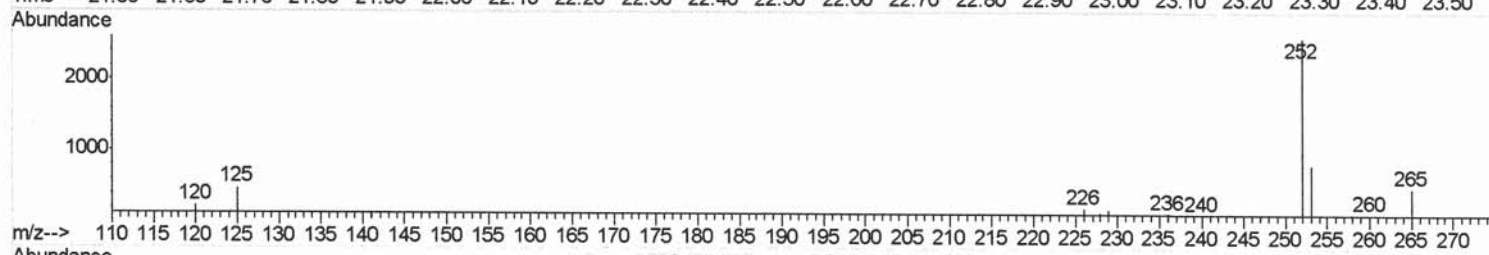
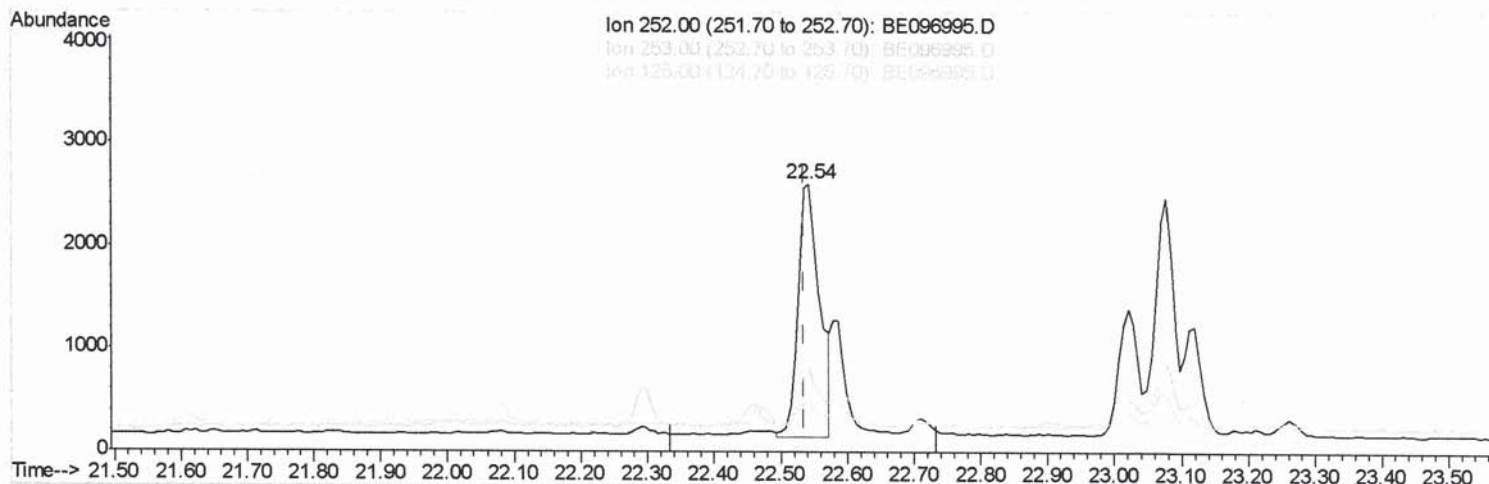
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
Data File : BE096995.D
Acq On : 18 Jul 2018 16:02
Operator : SJ/JU
Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1F9

Manual Integrations
APPROVED

Sohil
7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:50:18 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 15:28:33 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.14ng/ul m

response 5610

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	31.44
125.00	17.50	18.05
0.00	0.00	0.00

SJ 7/19/18

Quantitation Report (Qedit)

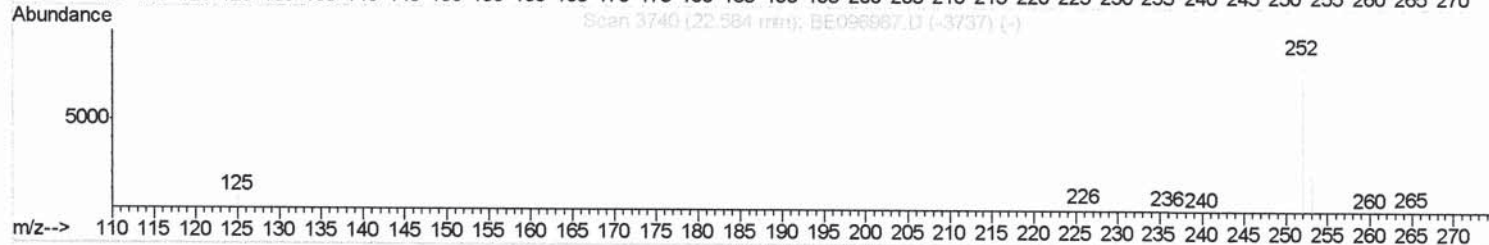
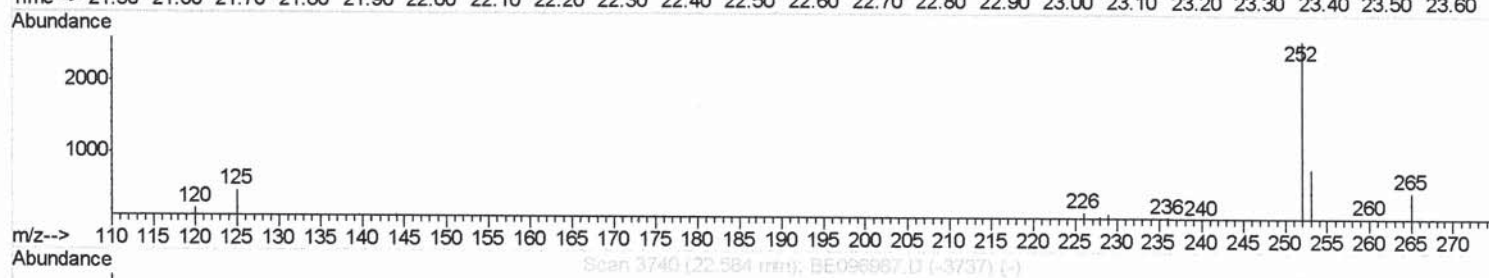
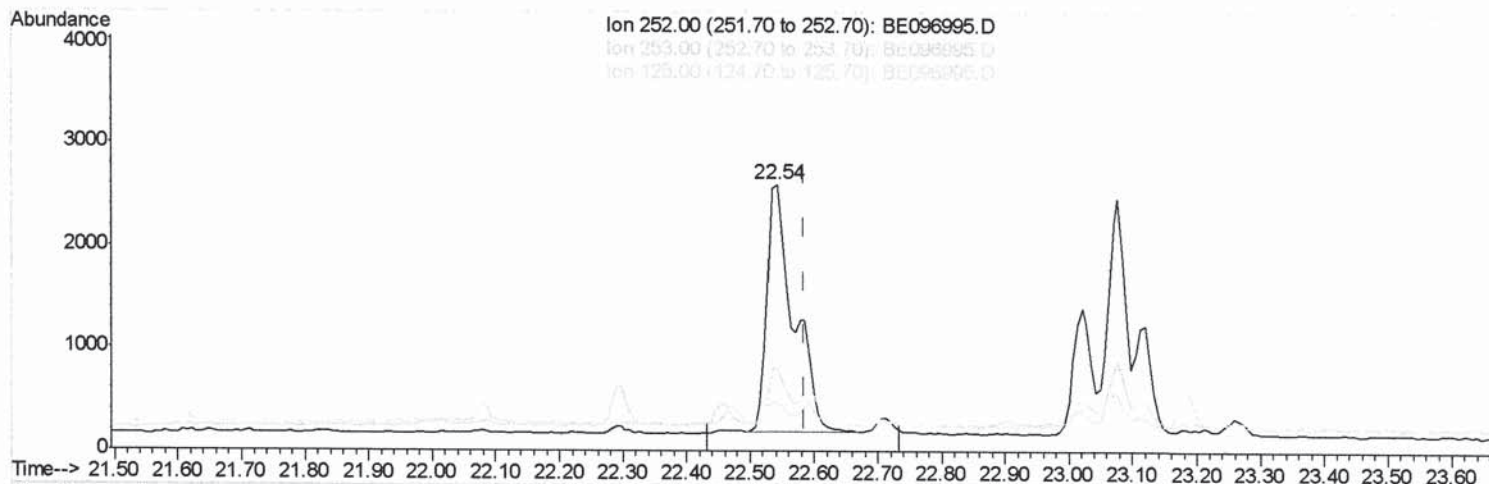
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
Data File : BE096995.D
Acq On : 18 Jul 2018 16:02
Operator : SJ/JU
Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1F9

Manual Integrations
APPROVED

Sohil
7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:50:18 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 15:28:33 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.542min (-0.042) 0.17ng/ul

response 6989

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.44
125.00	17.10	18.05
0.00	0.00	0.00

Quantitation Report (Qedit)

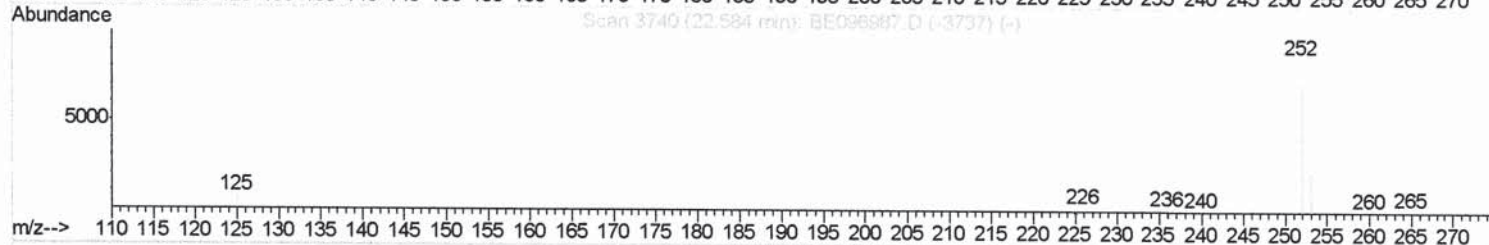
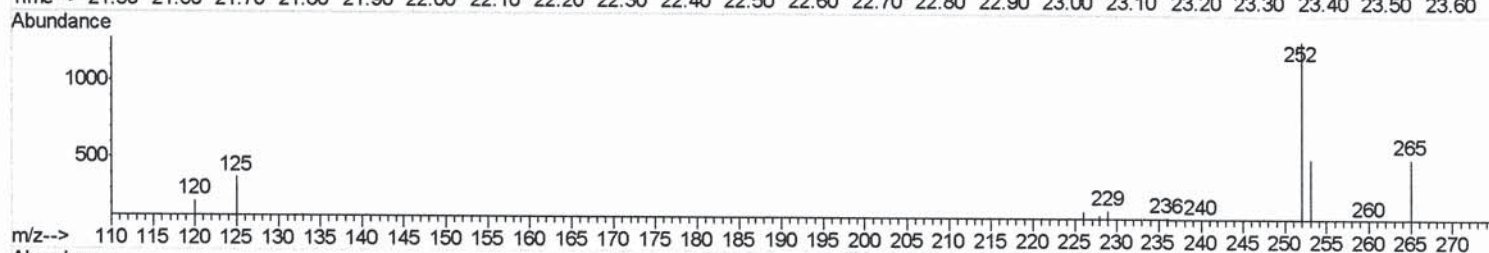
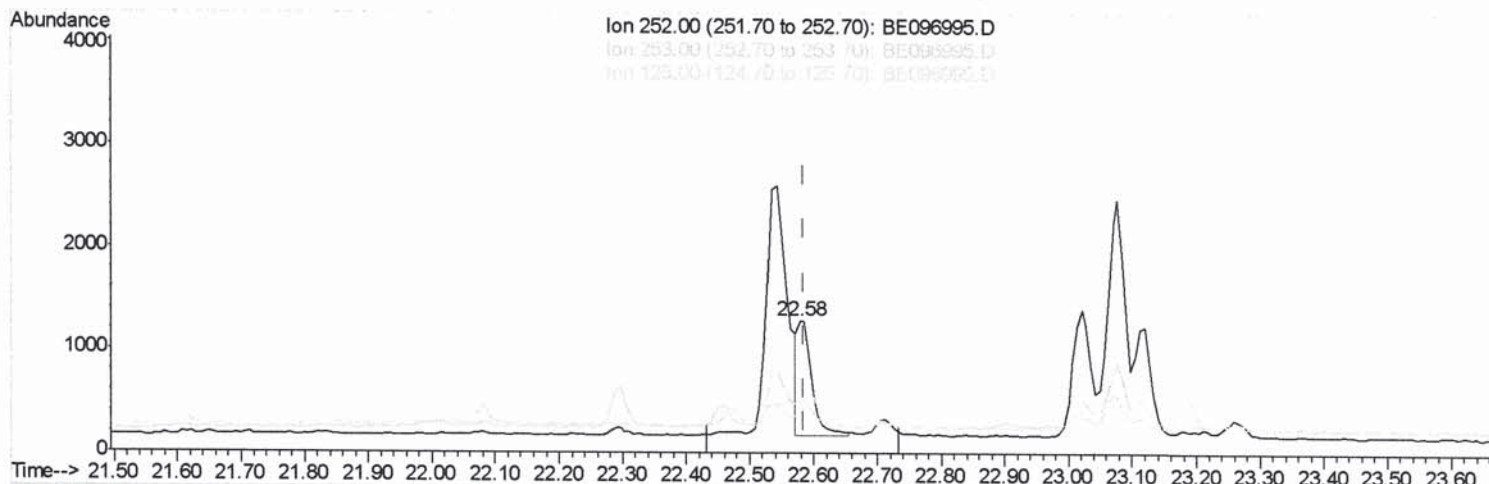
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
Data File : BE096995.D
Acq On : 18 Jul 2018 16:02
Operator : SJ/JU
Sample : J3967-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DB1F9

Manual Integrations
APPROVED

Sohil
7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:50:18 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 15:28:33 2018
Response via : Initial Calibration



TIC: BE096995.D

(22) Benzo(k)fluoranthene

22.578min (-0.007) 0.04ng/ul m

response 1678

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	40.85#
125.00	17.10	29.42#
0.00	0.00	0.00

SS 7/19/18

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE071818\
 Data File : BE096995.D
 Acq On : 18 Jul 2018 16:02
 Operator : SJ/JU
 Sample : J3967-19
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DB1F9

Manual Integrations
 APPROVED

Sohil
 7/19/2018 11:36:53 AM

Quant Time: Jul 18 16:51:31 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 15:28:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1636	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	9030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6260	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	15463m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	17560m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	14339m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.74	152	4905	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	15920m	0.34	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Acenaphthene	14.08	153	3057	0.144	ng/ul	95
9) Fluorene	15.08	166	7580	0.337	ng/ul	93
11) Pentachlorophenol	16.44	266	541m	0.310	ng/ul	
12) Phenanthrene	16.82	178	24720m	0.609	ng/ul	
13) Anthracene	16.91	178	10026m	0.283	ng/ul	
15) Fluoranthene	18.84	202	39040m	0.729	ng/ul	
17) Pyrene	19.21	202	27266	0.537	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	2606m	0.056	ng/ul	
19) Chrysene	21.01	228	7647	0.145	ng/ul#	92
21) Benzo(b)fluoranthene	22.54	252	5610m	0.138	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	1678m	0.040	ng/ul	
23) Benzo(a)pyrene	23.12	252	1705	0.048	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	2051	0.051	ng/ul#	81
26) Benzo(g,h,i)perylene	26.20	276	2189	0.061	ng/ul#	92

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