

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

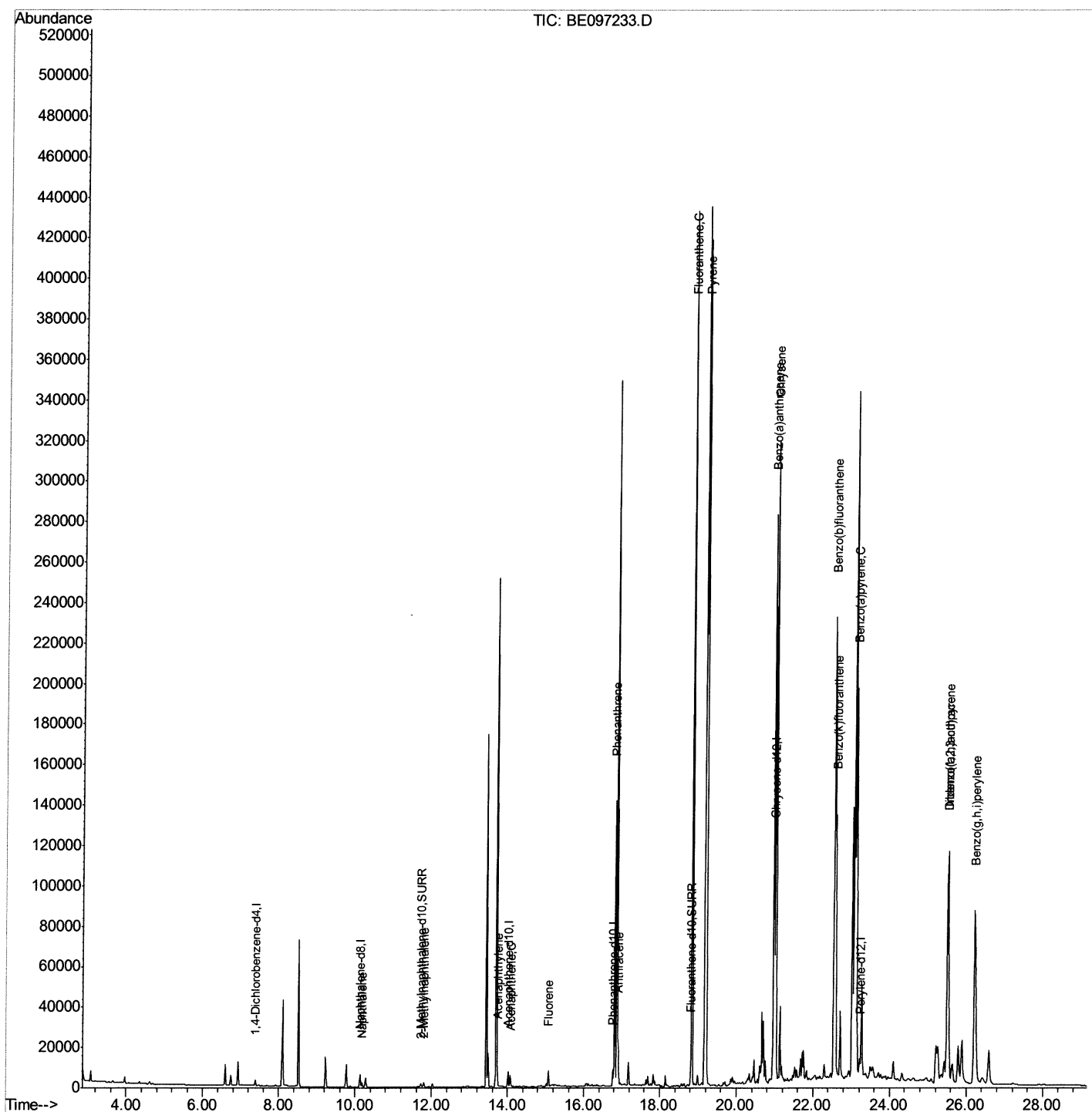
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:30:15 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

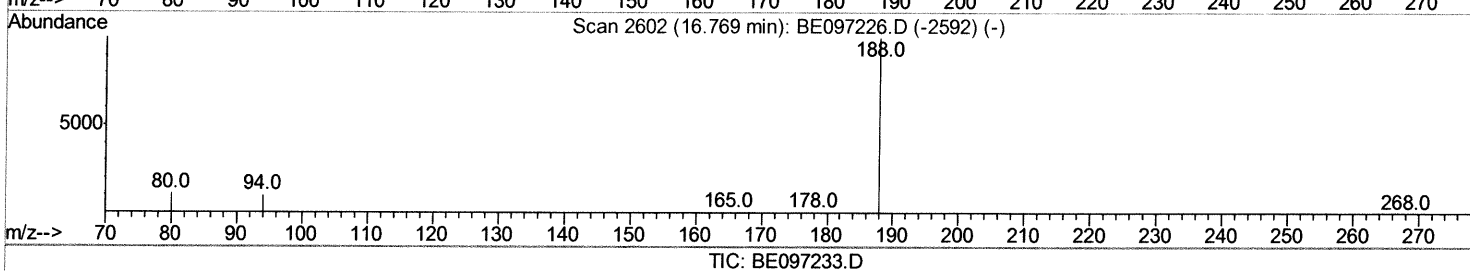
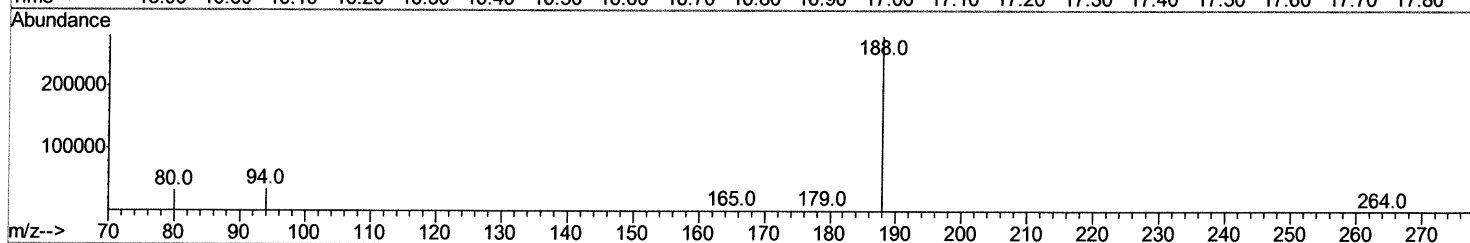
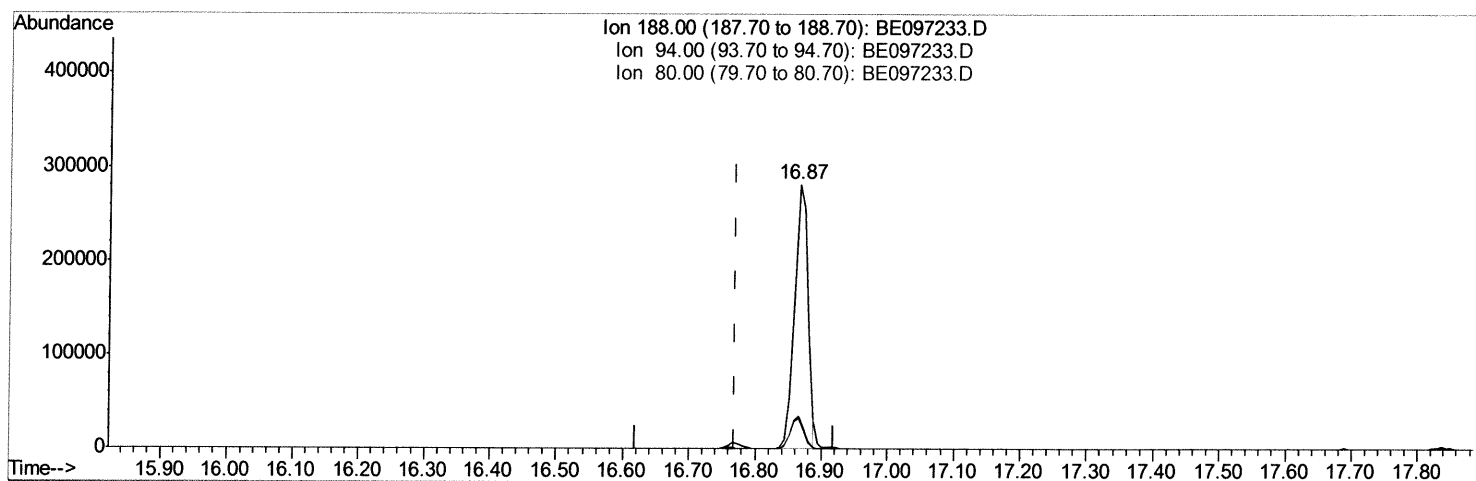
Instrument :
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 ClientSampleId :
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Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 08 23:26:45 2018
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(10) Phenanthrene-d10 (I)

16.866min (+0.097) 0.40ng/ul

response 388688

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.23
80.00	11.80	11.44
0.00	0.00	0.00

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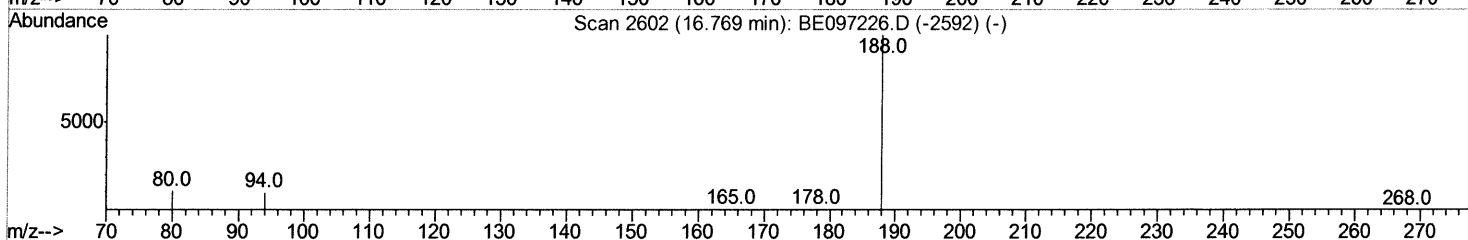
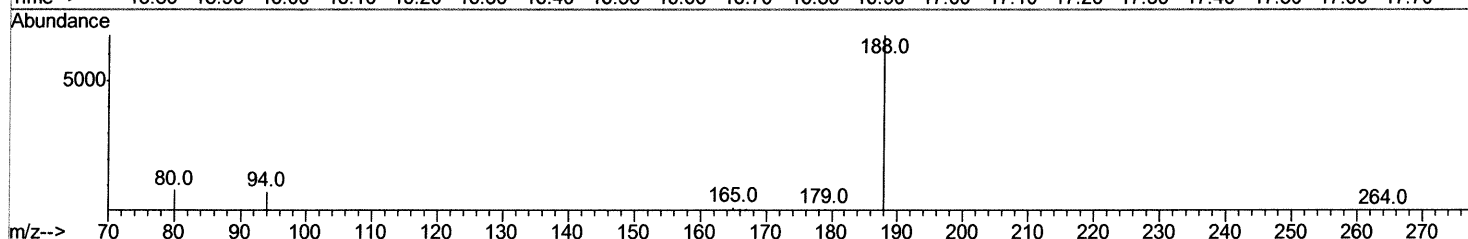
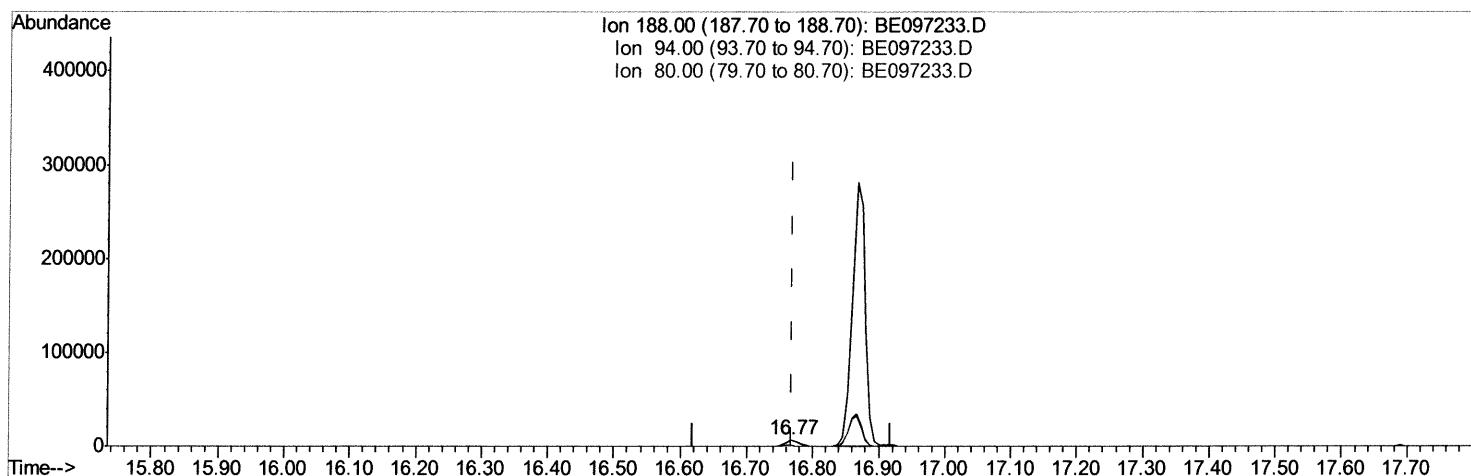
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TIC: BE097233.D

(10) Phenanthrene-d10 (I)

16.767min (-0.001) 0.40ng/ul m > SJ 8/10/18

response 9399

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.97
80.00	11.80	12.11
0.00	0.00	0.00

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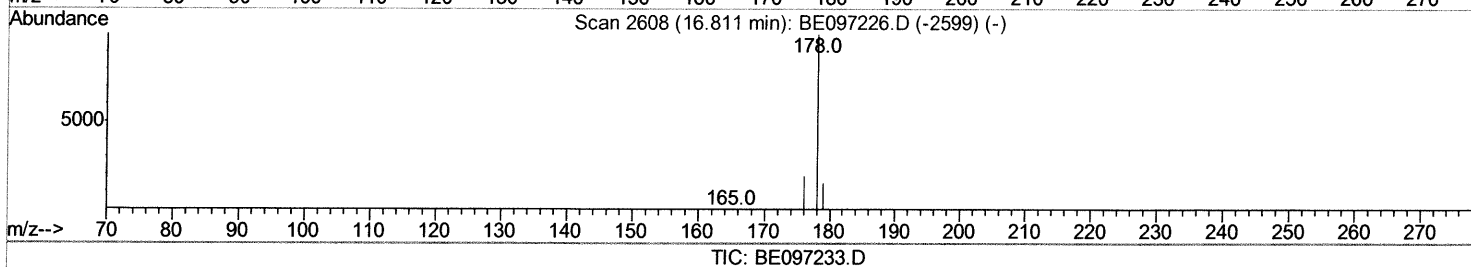
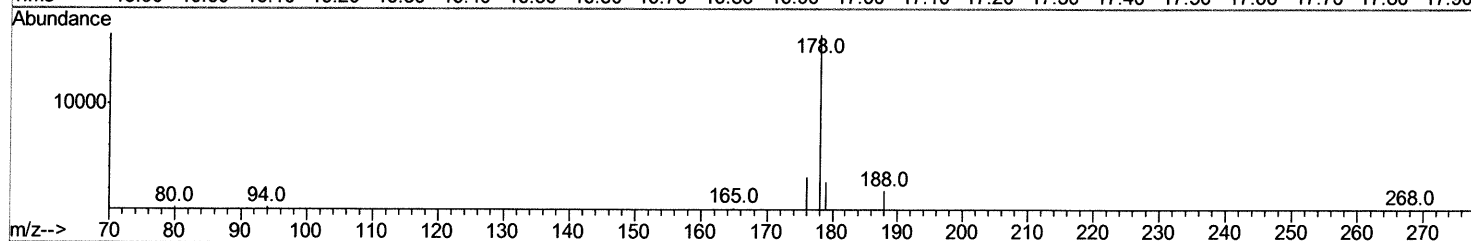
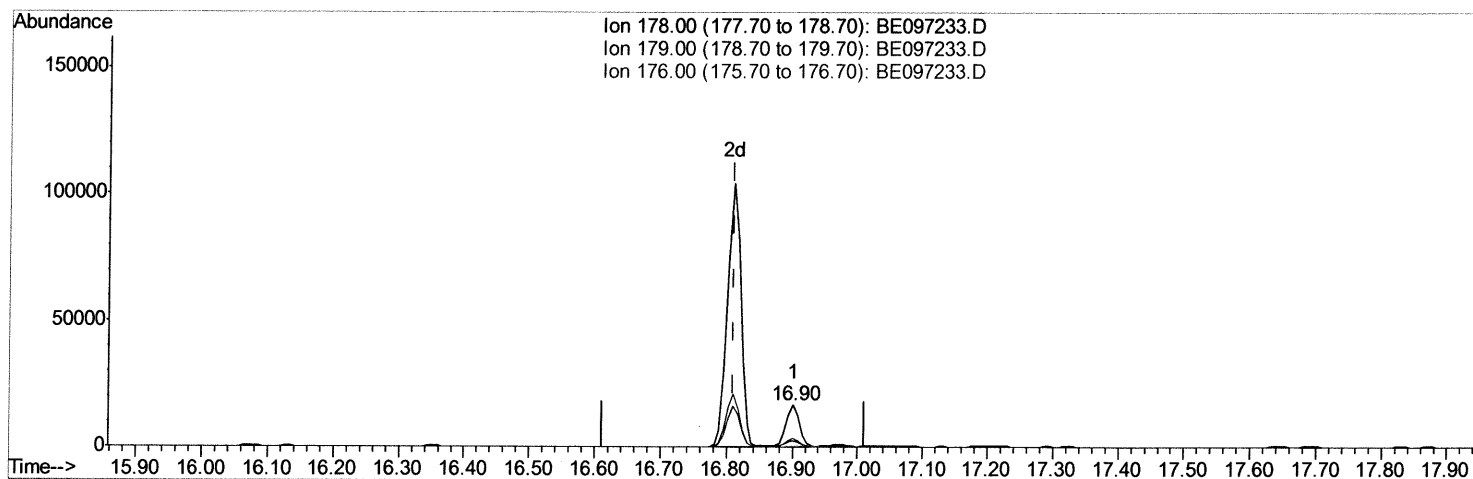
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(12) Phenanthrene

16.901min (+0.090) 0.94ng/ul

response 22432

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.87#
176.00	17.00	18.99
0.00	0.00	0.00

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 ALS Vial : 9 Sample Multiplier: 1

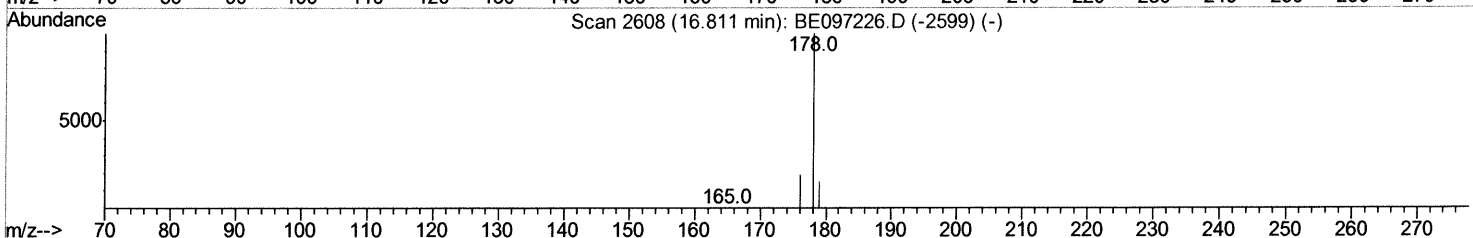
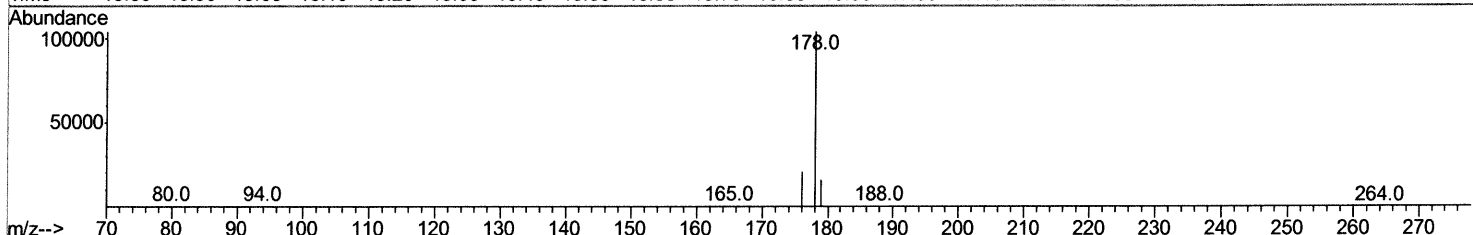
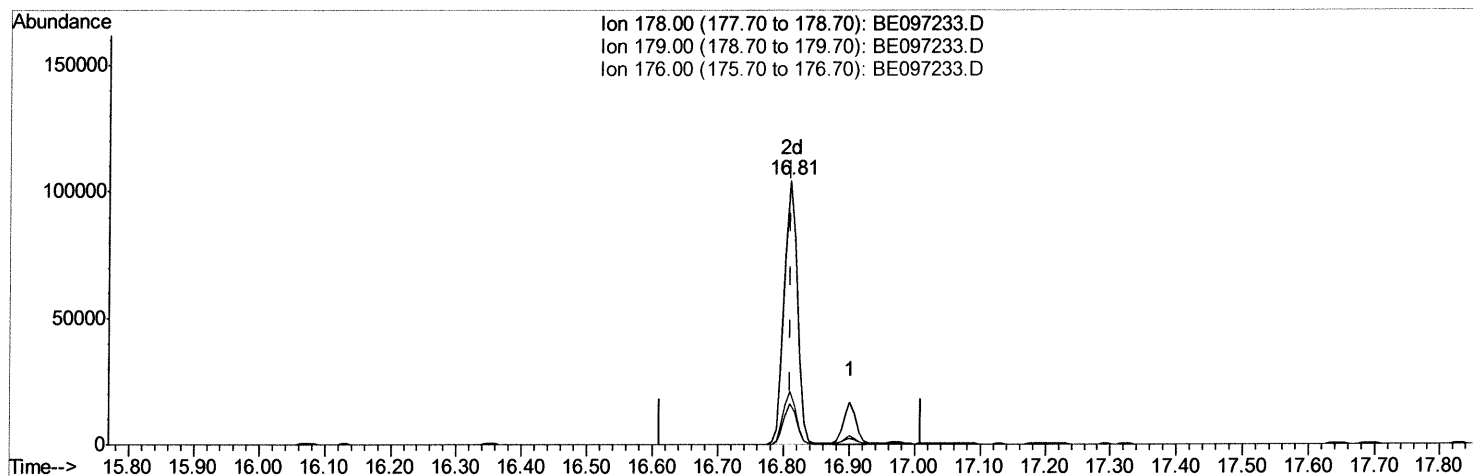
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(12) Phenanthrene

16.810min (-0.001) 6.05ng/ul m

> 50 8/10/18

response 144987

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.35#
176.00	17.00	19.96
0.00	0.00	0.00

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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

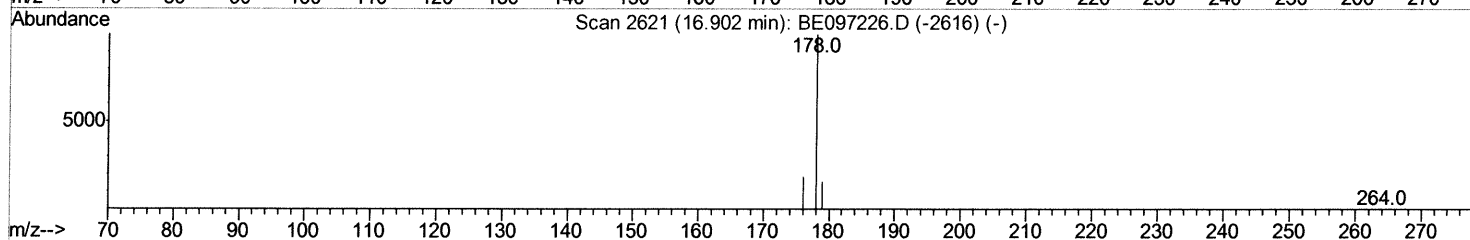
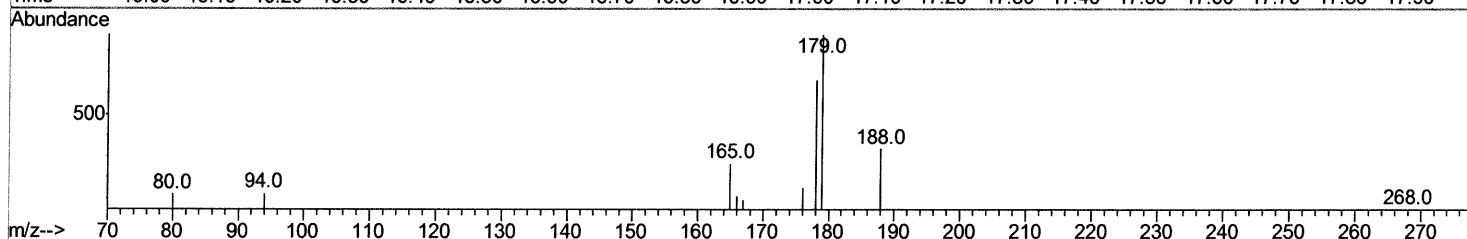
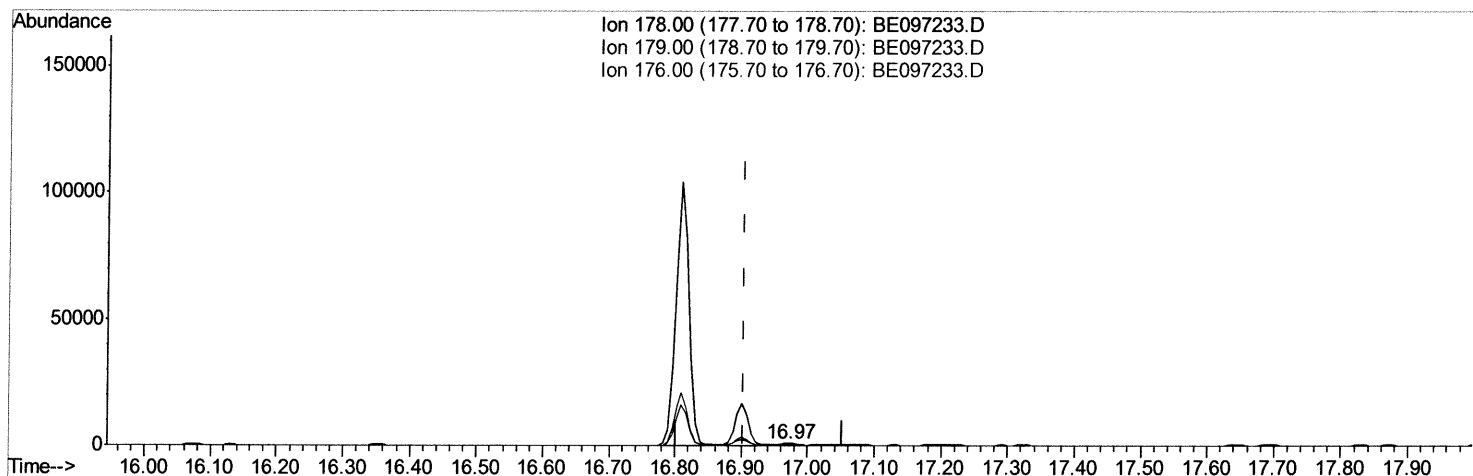
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(13) Anthracene

16.971min (+0.069) 0.03ng/ul

response 722

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	132.88#
176.00	18.40	23.08#
0.00	0.00	0.00

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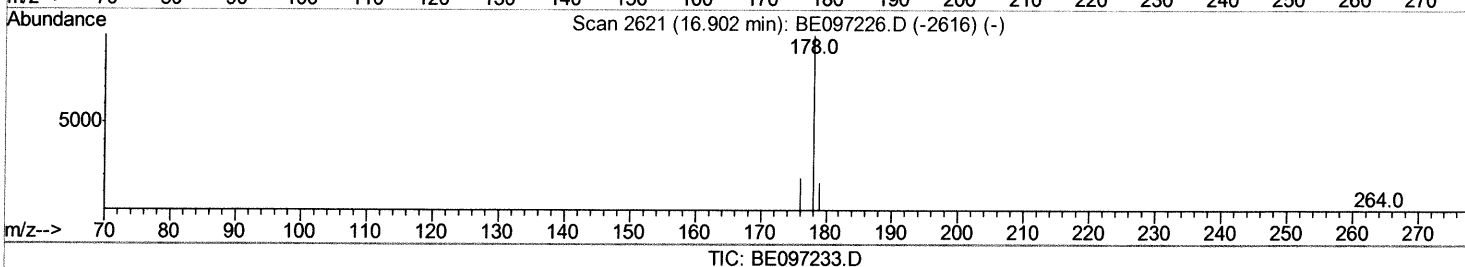
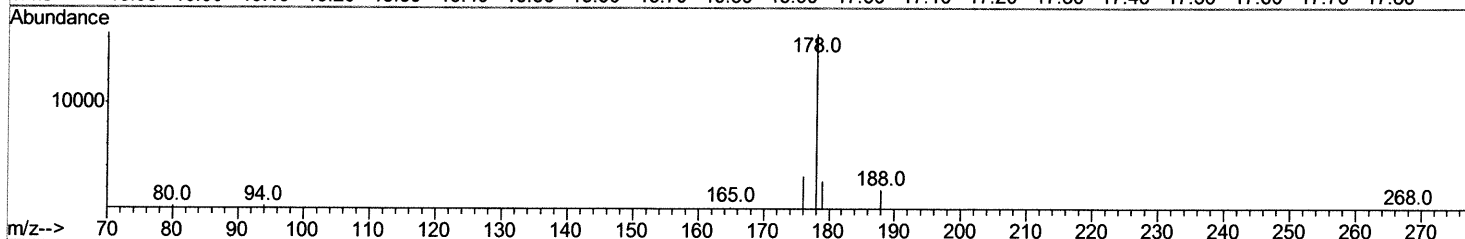
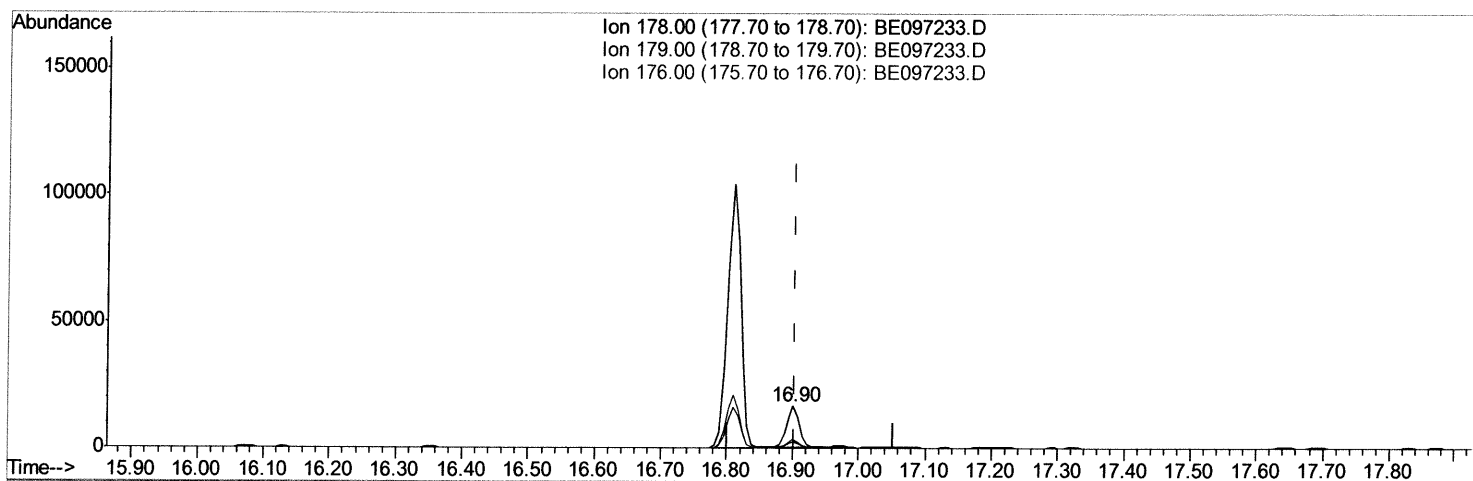
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(13) Anthracene

16.901min (-0.001) 0.98ng/ul m > SJ 8/10/18

response 21875

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	15.87#
176.00	18.40	18.99
0.00	0.00	0.00

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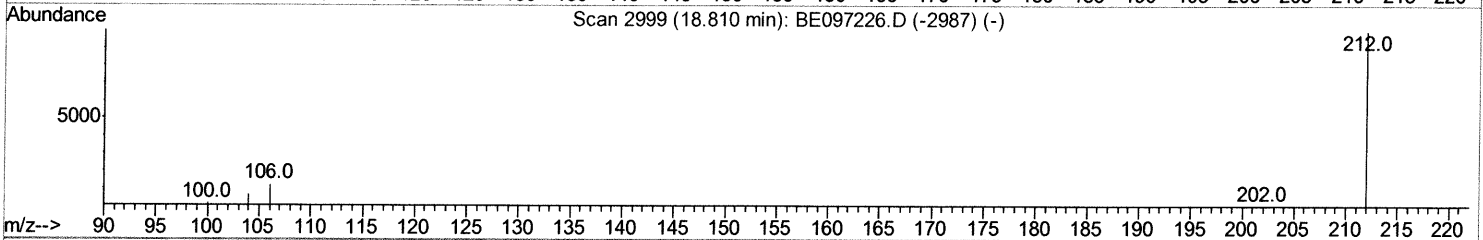
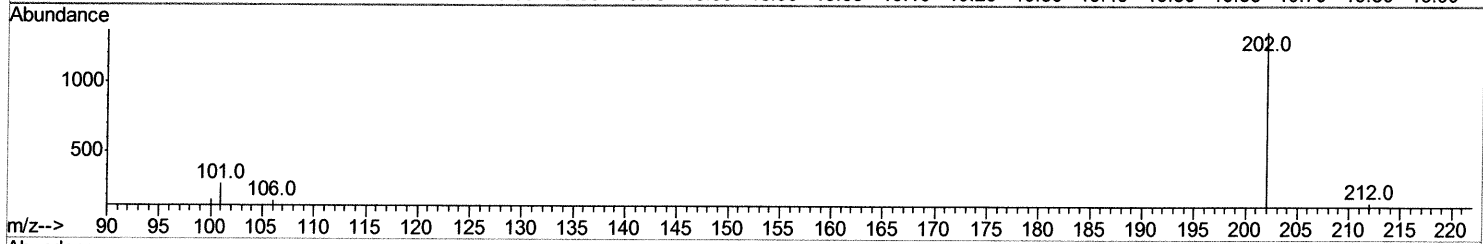
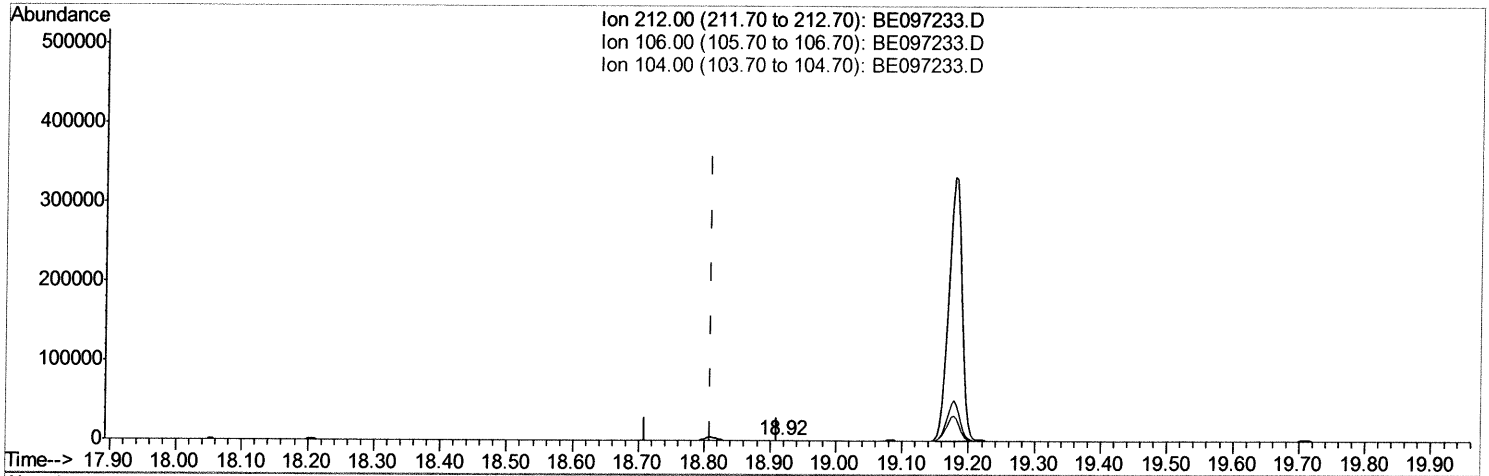
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(14) Fluoranthene-d10 (SURR)

18.917min (+0.107) 0.00ng/ul

response 109

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	53.21#
104.00	15.60	45.87#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

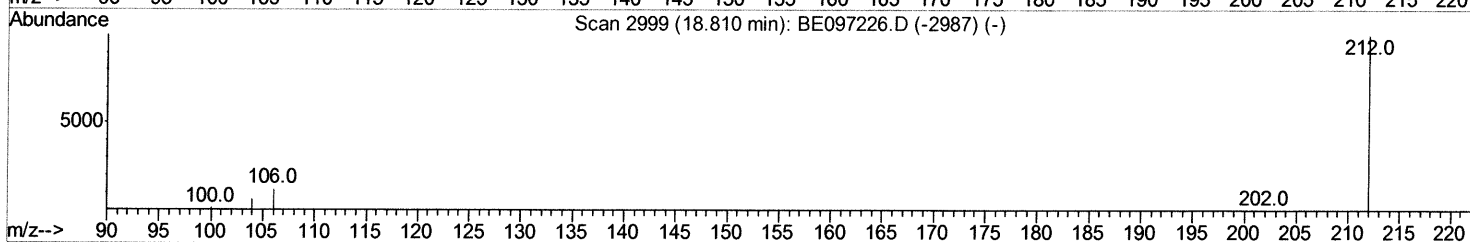
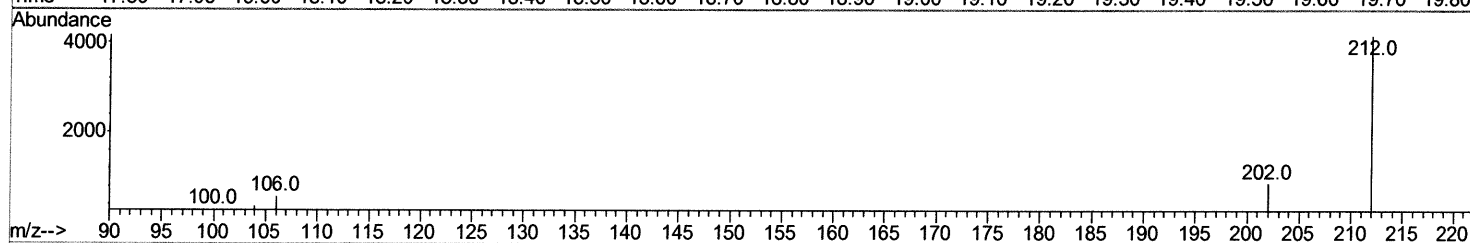
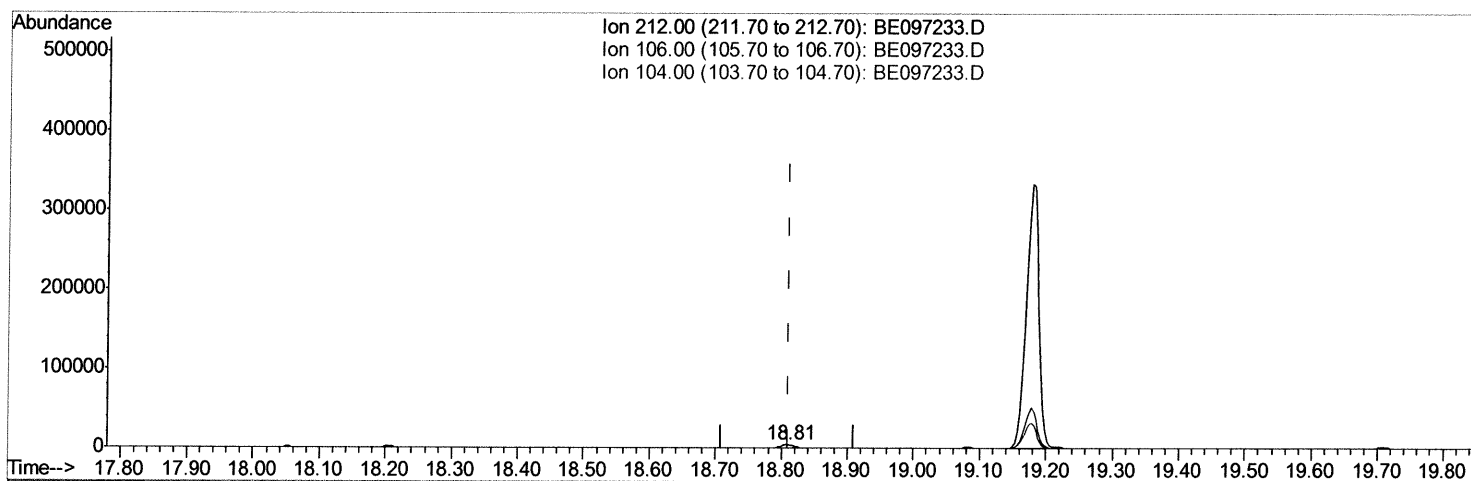
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
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Sohil

8/9/2018 4:43:02 PM

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TIC: BE097233.D

(14) Fluoranthene-d10 (SURR)

18.810min (-0.000) 0.18ng/ul m > SJ 8/10/18

response 5835

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.99#
104.00	15.60	0.86#
0.00	0.00	0.00

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 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

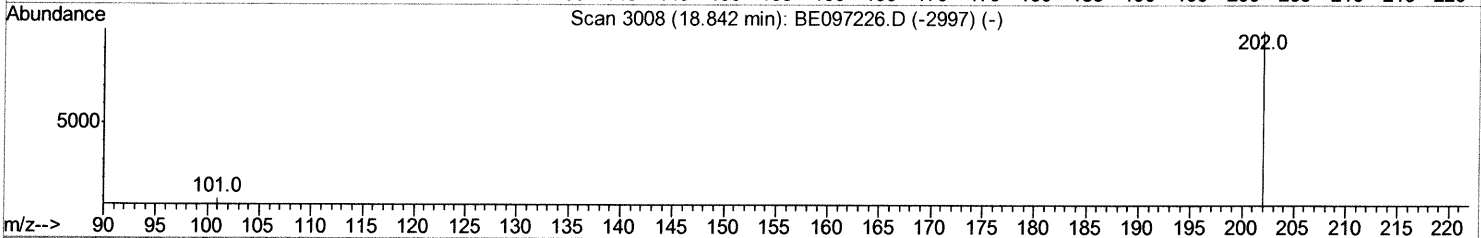
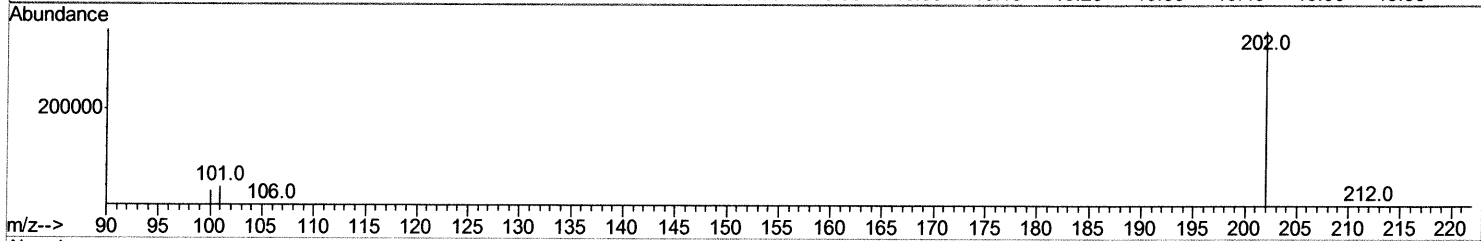
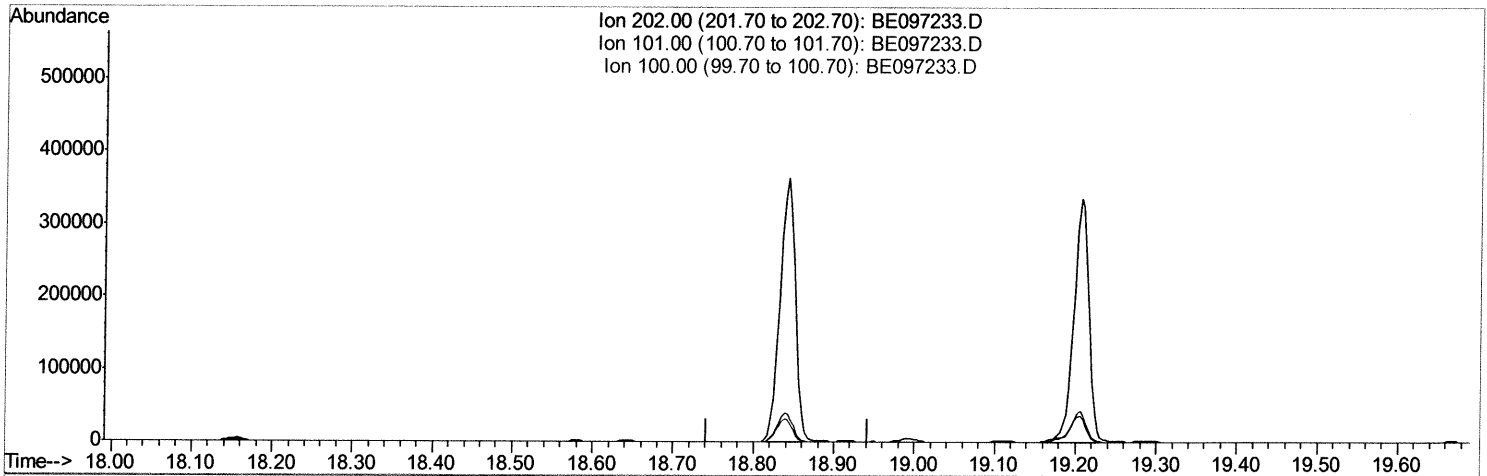
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 ClientSampleId :
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(15) Fluoranthene (C)

18.842min (-18.842) 0.00ng/ul

response 0

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

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 Misc :
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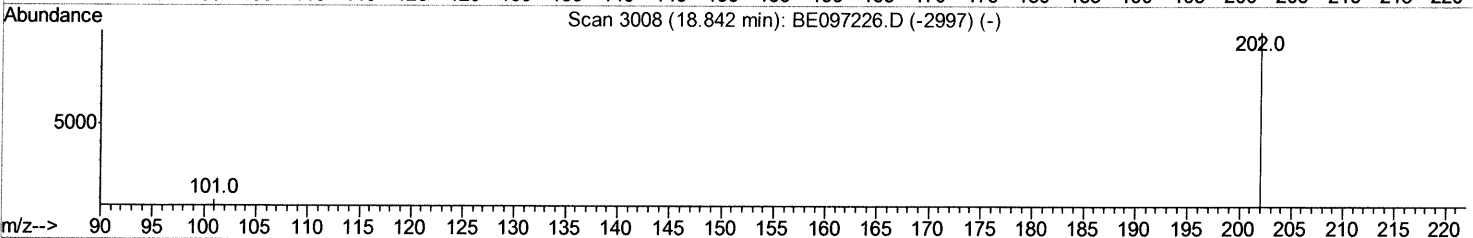
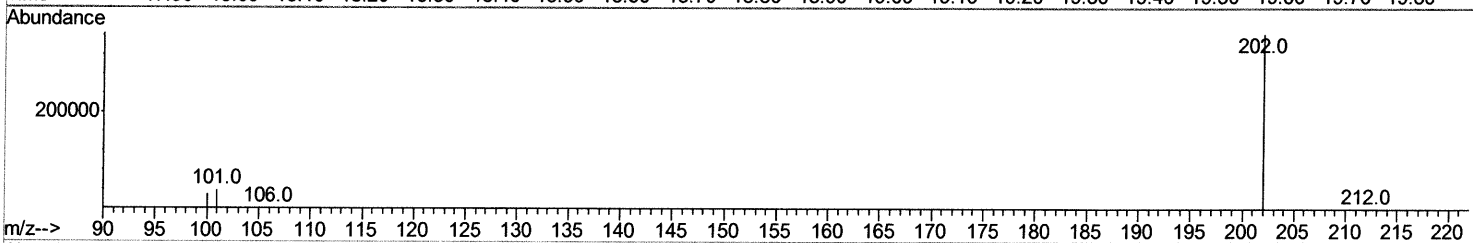
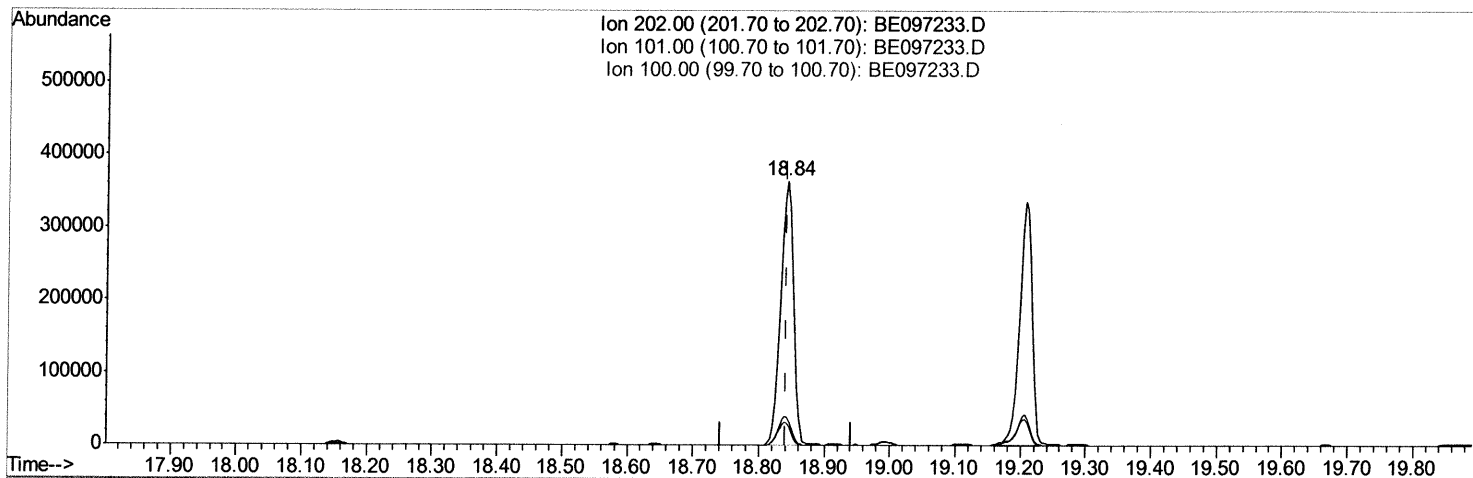
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TIC: BE097233.D

(15) Fluoranthene (C)

18.842min (-0.000) 15.39ng/ul m > 50 8/10/18

response 487348

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	10.64
100.00	19.50	8.40
0.00	0.00	0.00

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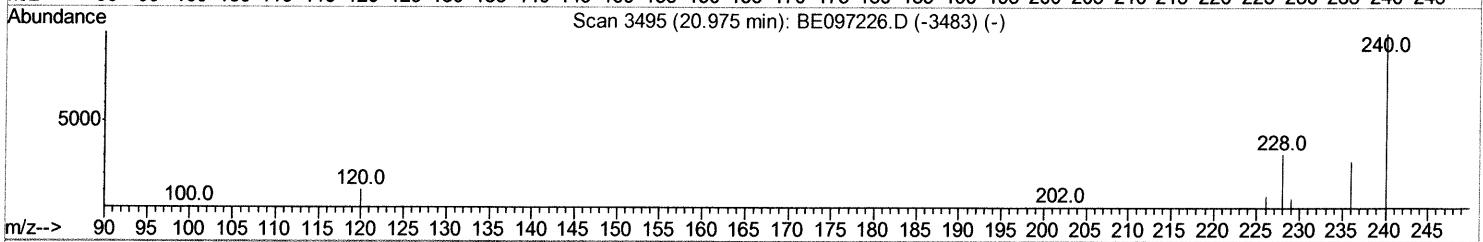
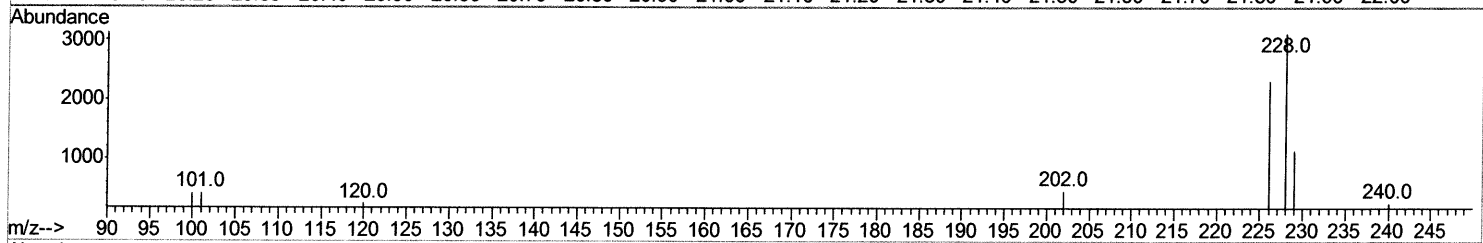
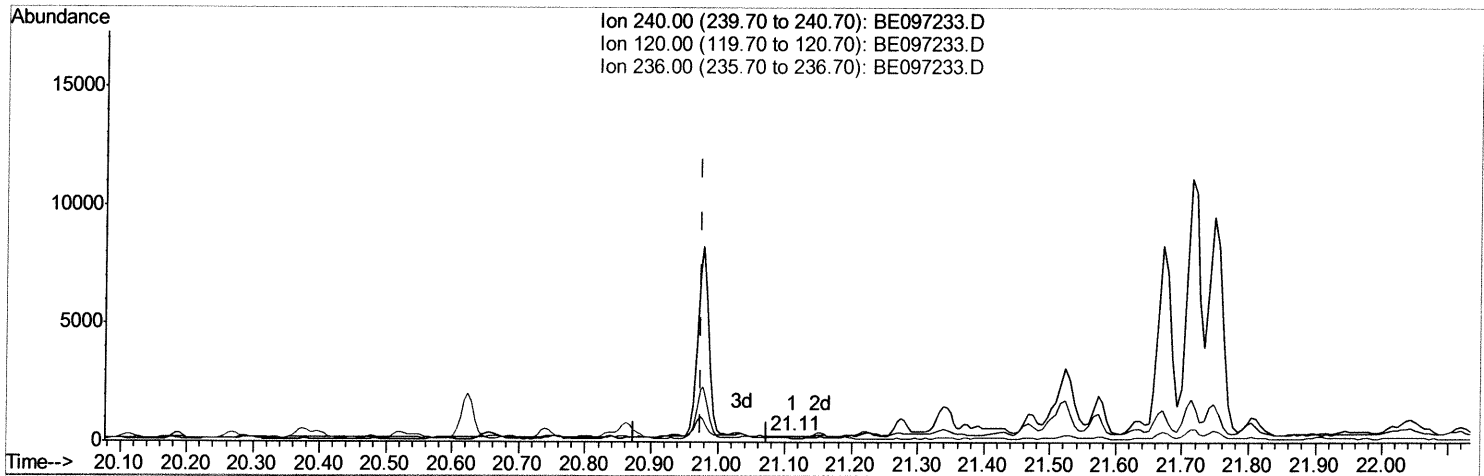
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(16) Chrysene-d12 (I)

21.111min (+0.136) 0.40ng/ul

response 106

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	93.56#
236.00	34.90	65.91#
0.00	0.00	0.00

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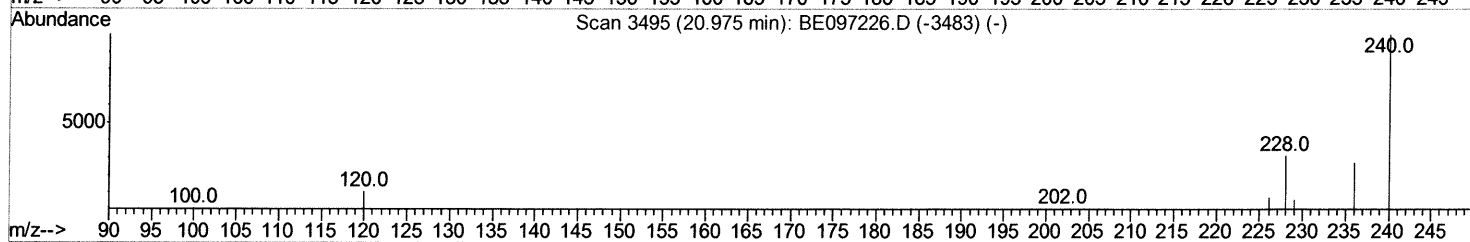
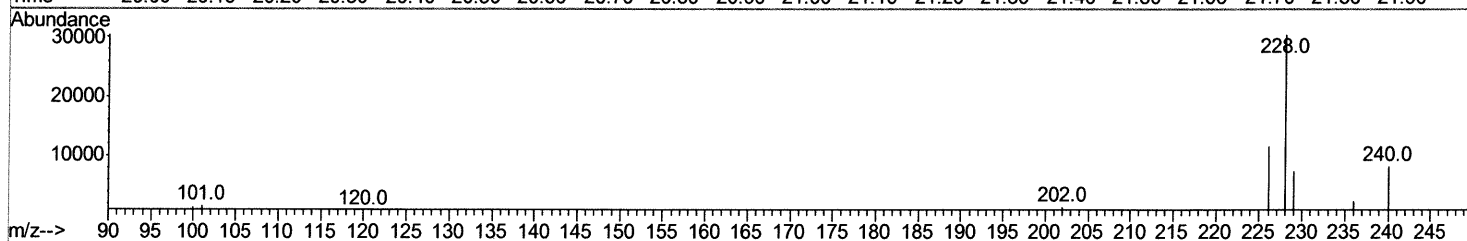
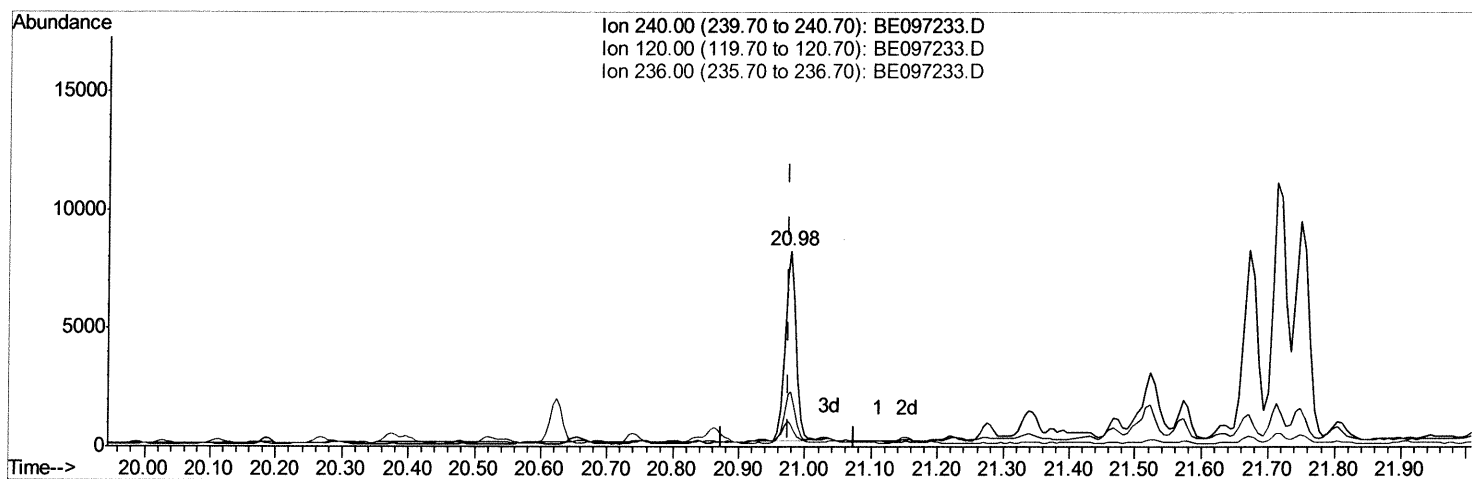
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(16) Chrysene-d12 (I)

20.978min (+0.004) 0.40ng/ul m> 52 8/10/18

response 9567

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	11.76#
236.00	34.90	28.21
0.00	0.00	0.00

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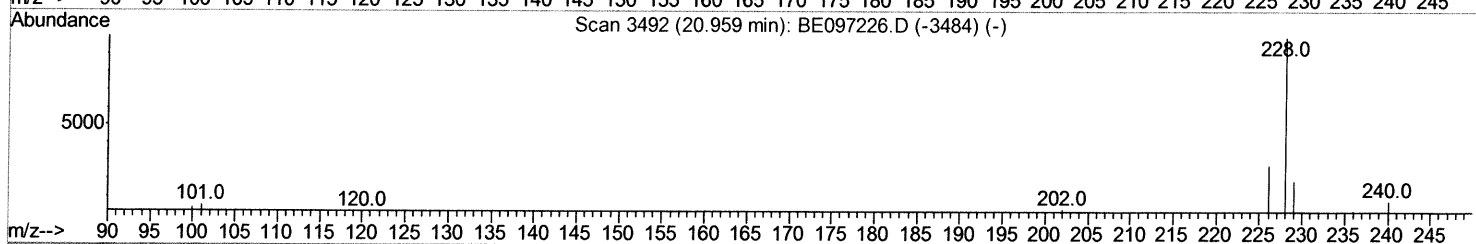
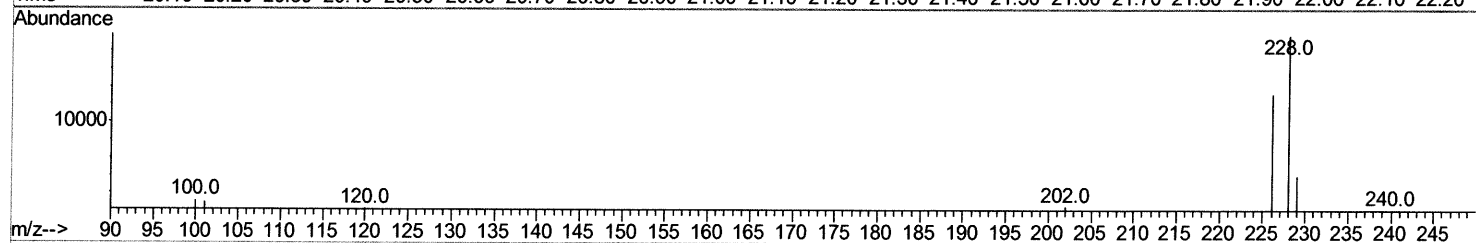
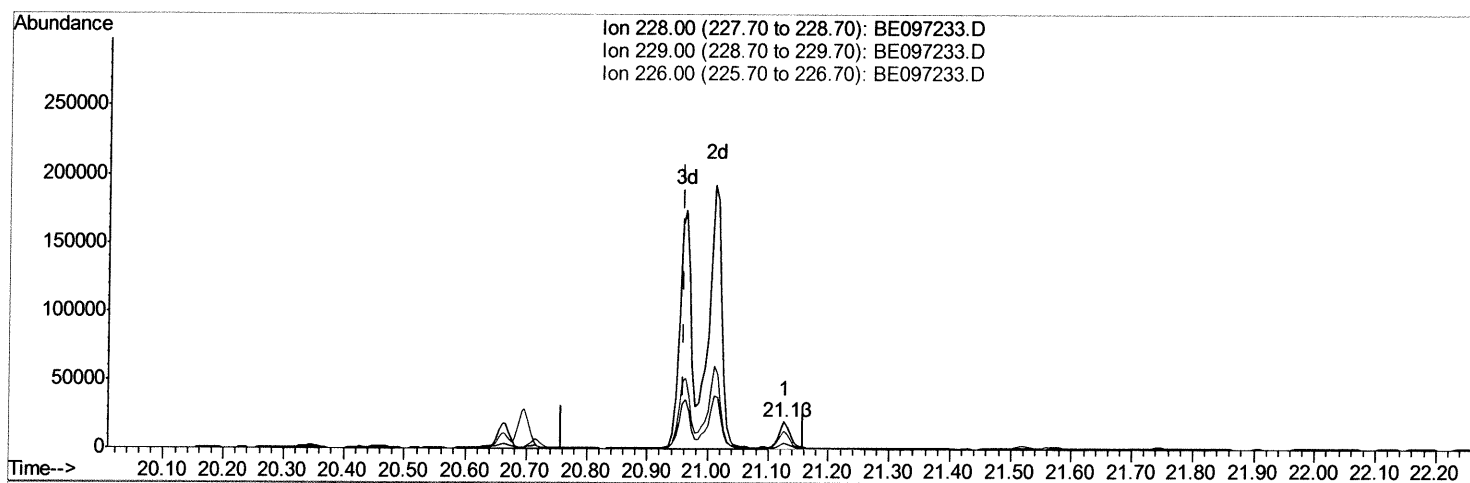
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TIC: BE097233.D

(18) Benzo(a)anthracene

21.127min (+0.168) 0.99ng/ul

response 27170

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.62#
226.00	21.30	66.92#
0.00	0.00	0.00

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 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

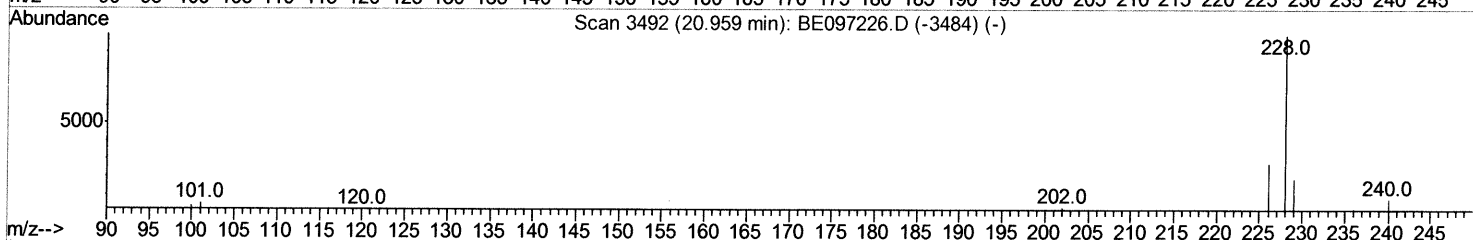
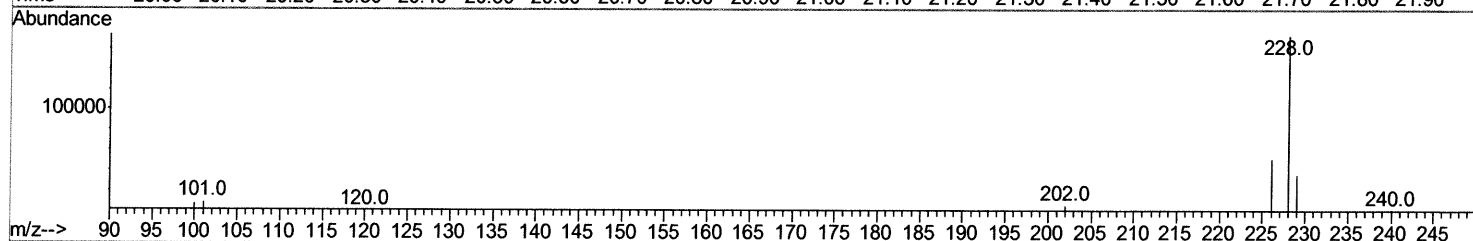
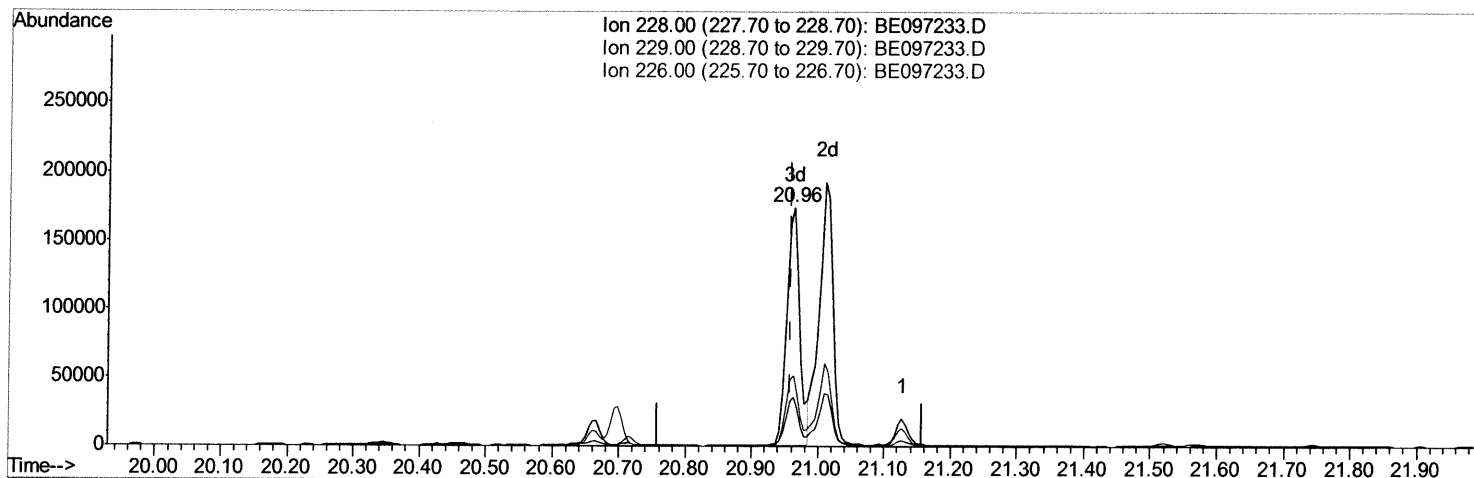
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:25:45 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(18) Benzo(a)anthracene

20.962min (+0.004) 8.52ng/ul > 52 8/10/18

response 233018

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	20.58#
226.00	21.30	29.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

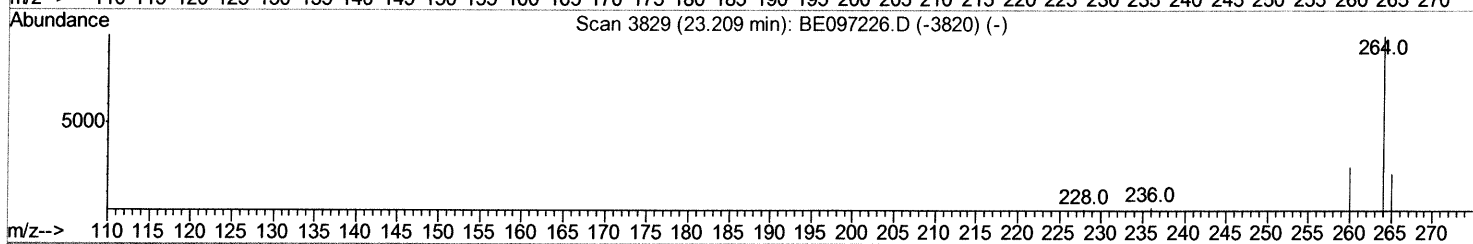
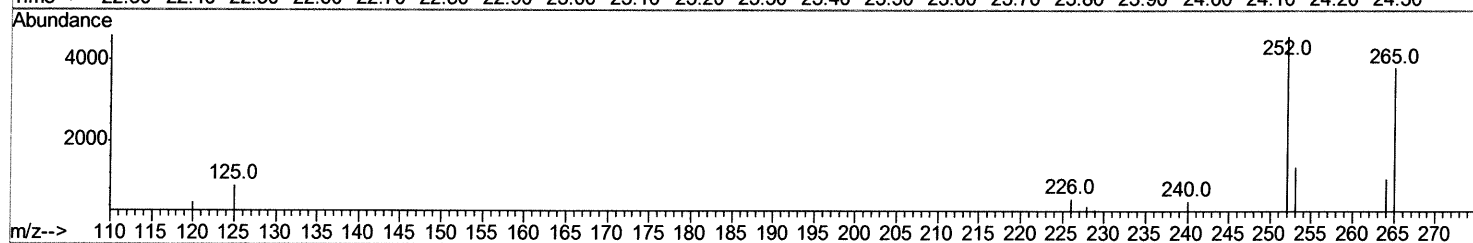
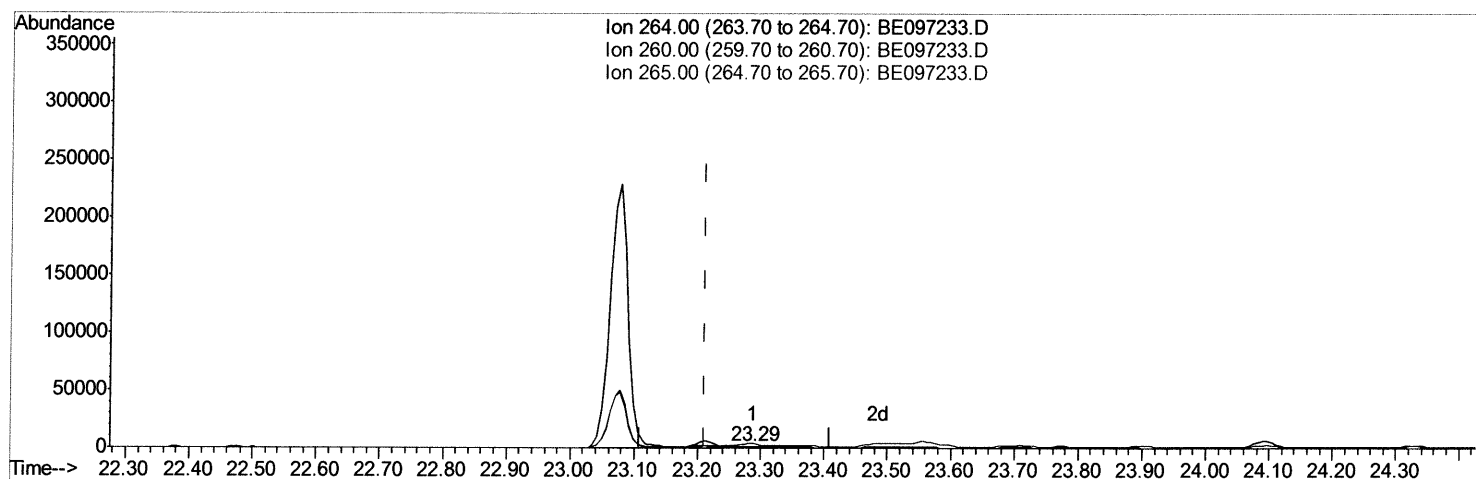
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:25:45 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(20) Perylene-d12 (I)

23.288min (+0.079) 0.40ng/ul

response 2782

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.87
265.00	103.50	357.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

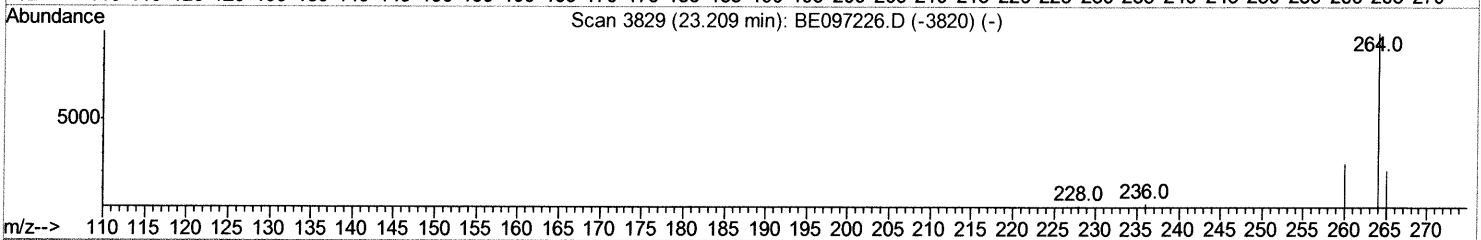
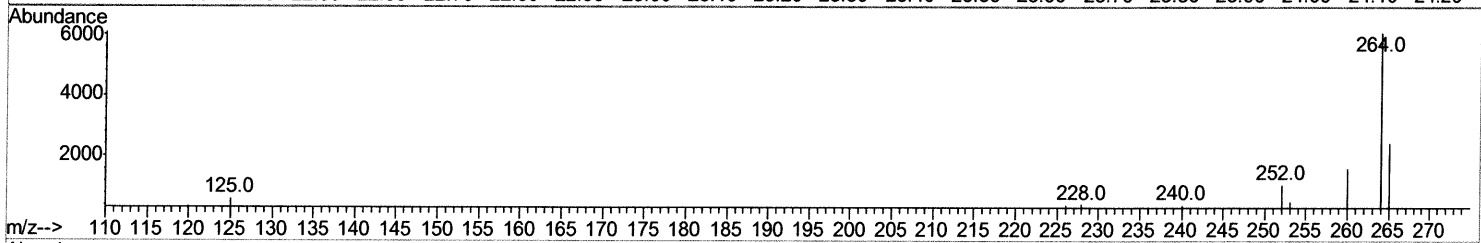
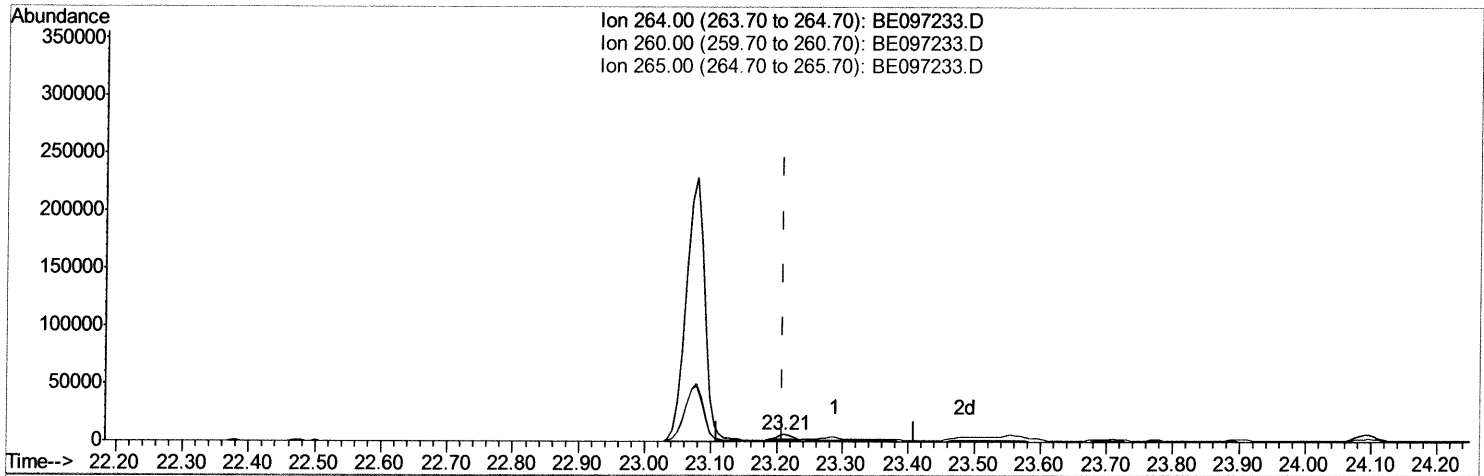
Instrument :
 BNA_E
 ClientSampled :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:25:45 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(20) Perylene-d12 (I)

23.211min (+0.001) 0.40ng/ul m>52 8/10/18

response 9576

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	26.69
265.00	103.50	40.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097233.D
Acq On : 8 Aug 2018 13:47
Operator : SJ/JU
Sample : J4268-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

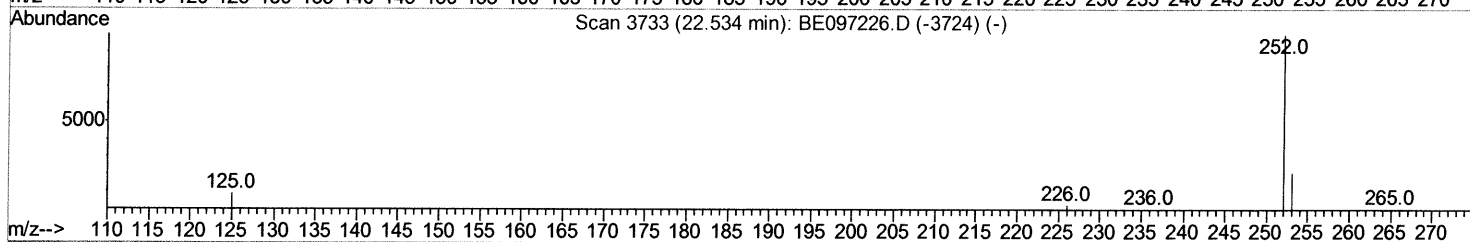
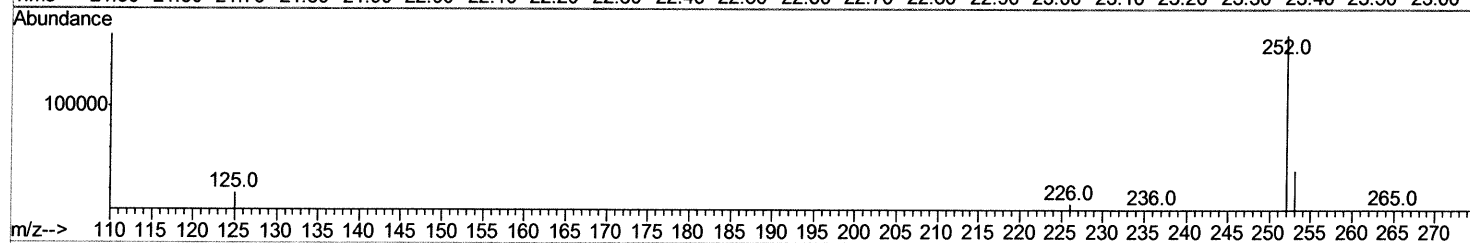
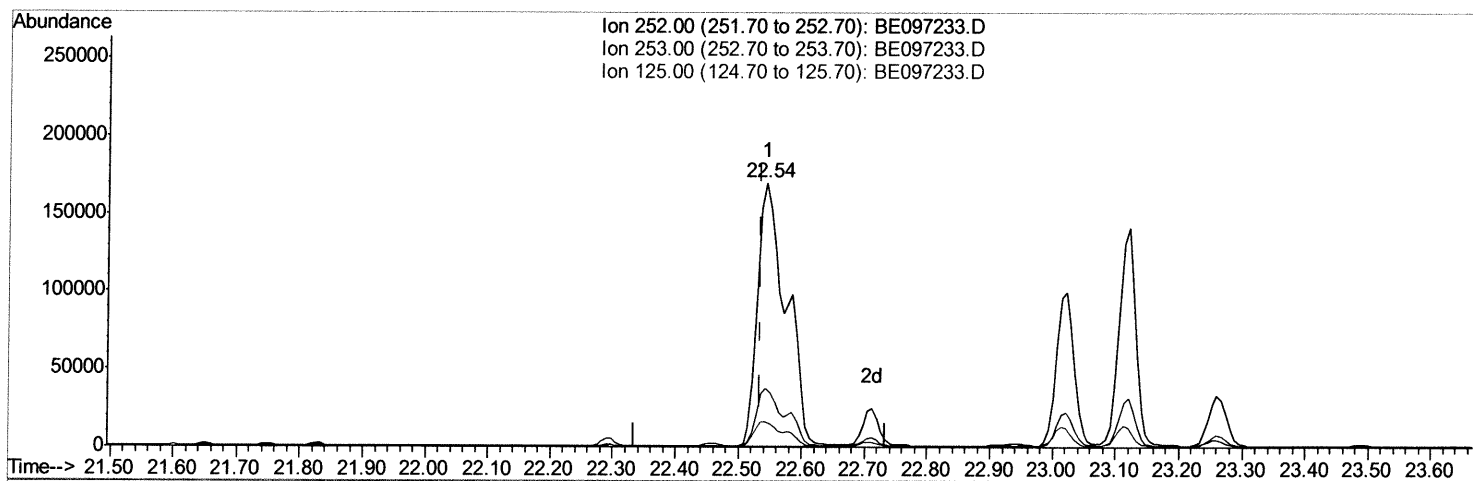
Instrument :
BNA_E
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



TIC: BE097233.D

(21) Benzo(b)fluoranthene

22.543min (+0.008) 20.46ng/ul

response 533915

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.51
125.00	17.50	9.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097233.D
Acq On : 8 Aug 2018 13:47
Operator : SJ/JU
Sample : J4268-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

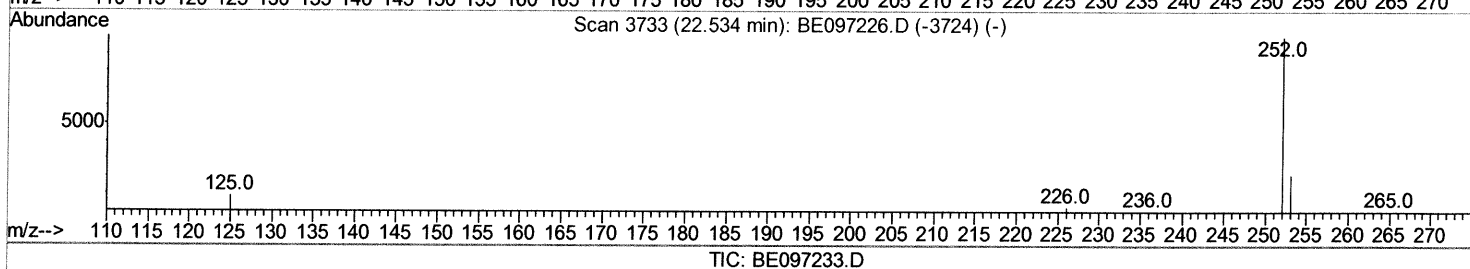
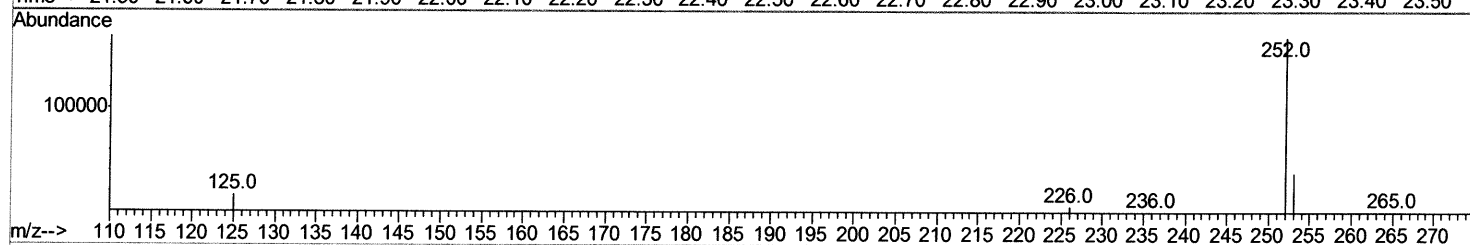
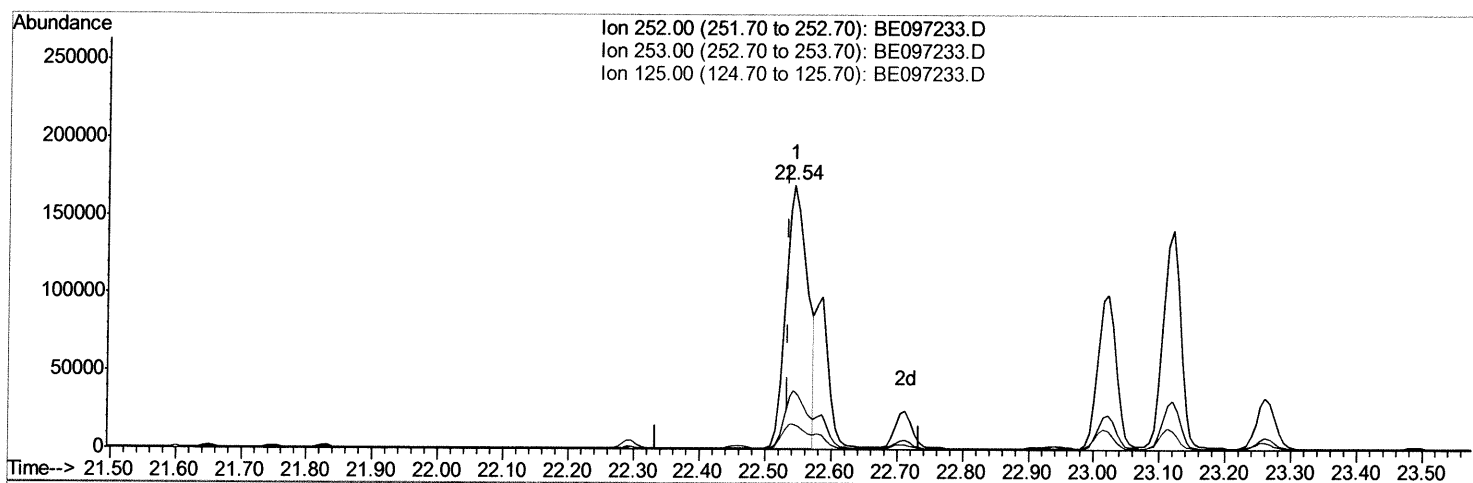
Instrument :
BNA_E
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.543min (+0.008) 15.21ng/ul m> SJ 8/10/18

response 396895

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.51
125.00	17.50	9.56
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097233.D
Acq On : 8 Aug 2018 13:47
Operator : SJ/JU
Sample : J4268-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

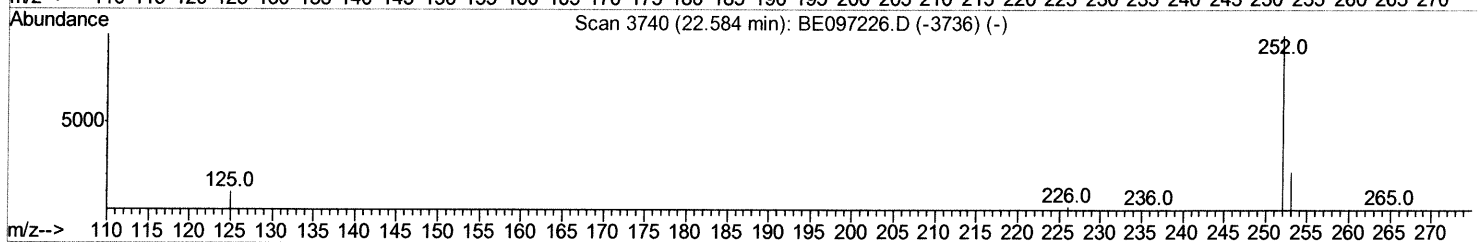
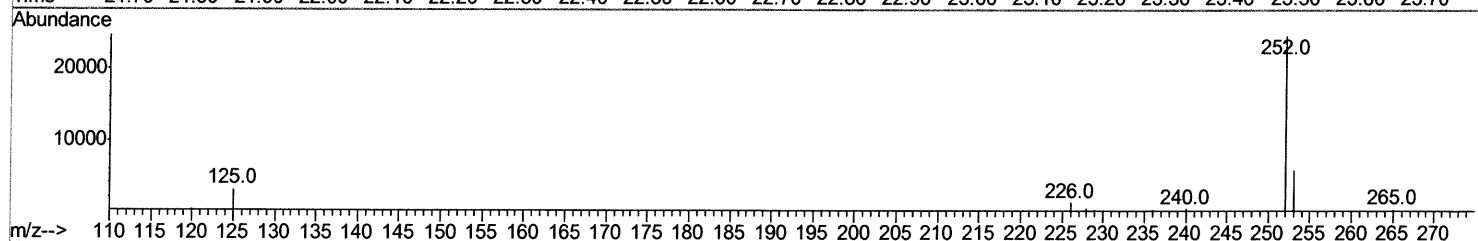
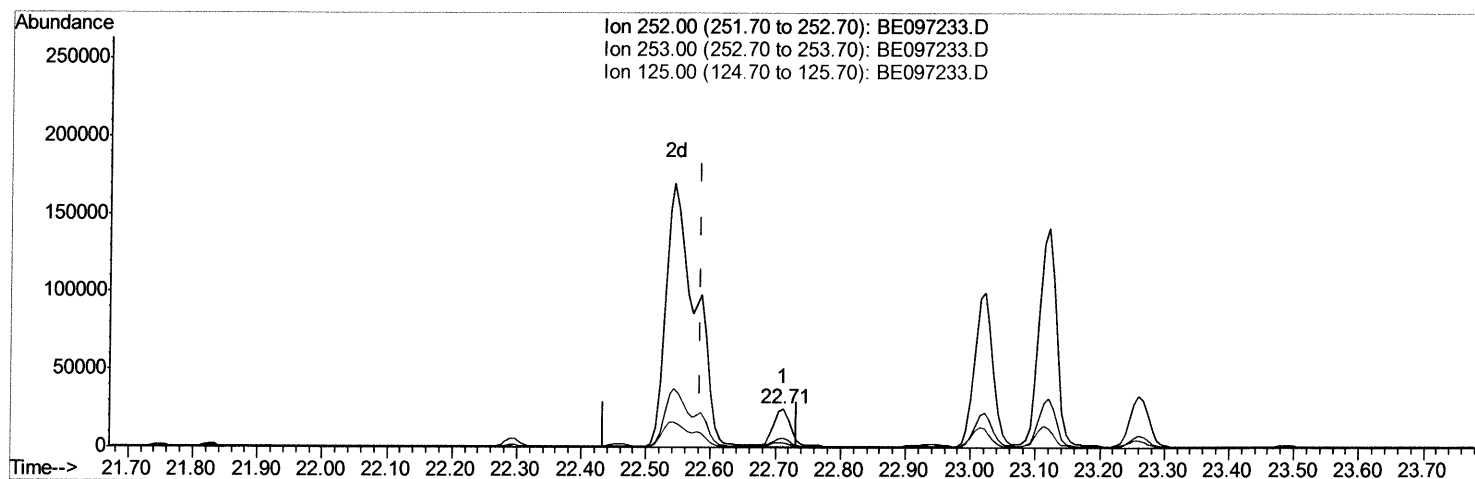
Instrument :
BNA_E
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



TIC: BE097233.D

(22) Benzo(k)fluoranthene

22.712min (+0.128) 1.50ng/ul

response 42126

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.12#
125.00	17.10	12.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

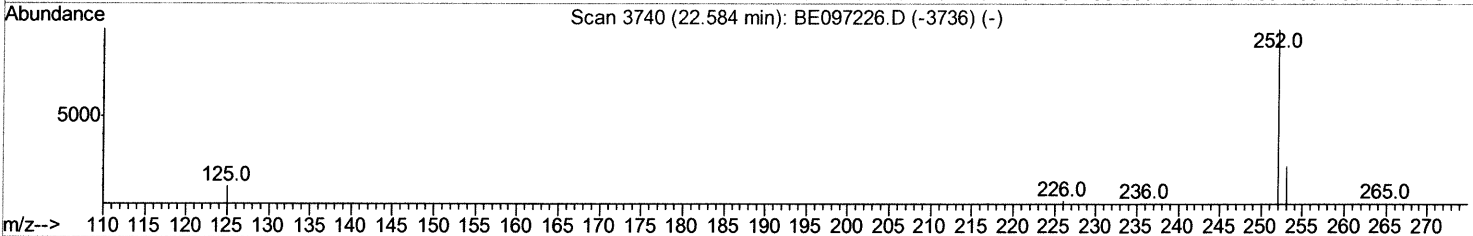
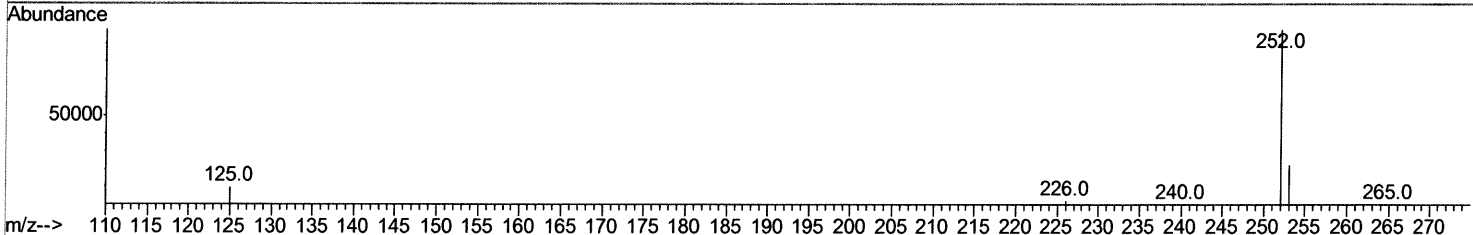
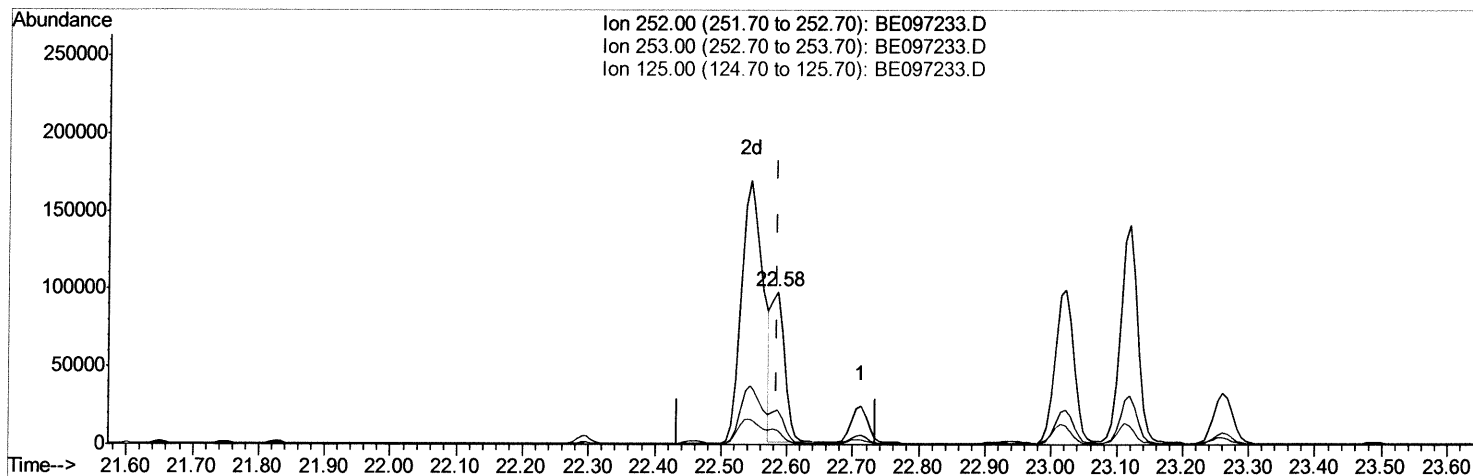
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(22) Benzo(k)fluoranthene

22.585min (+0.001) 4.63ng/ul m> SJ 8/10/18

response 130211

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.96#
125.00	17.10	9.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

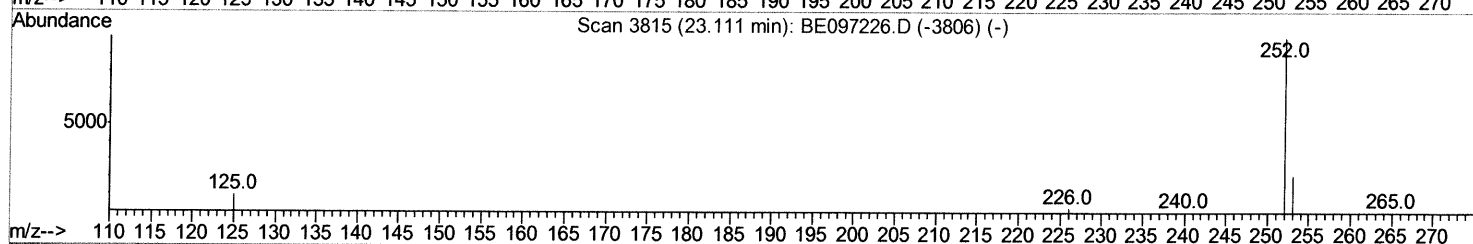
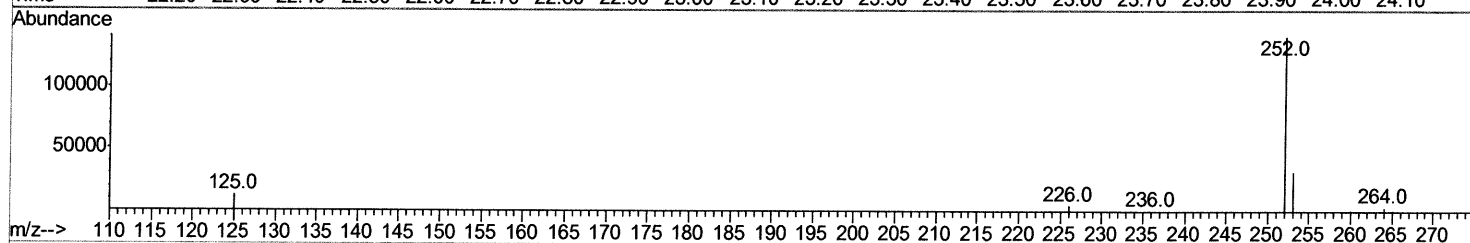
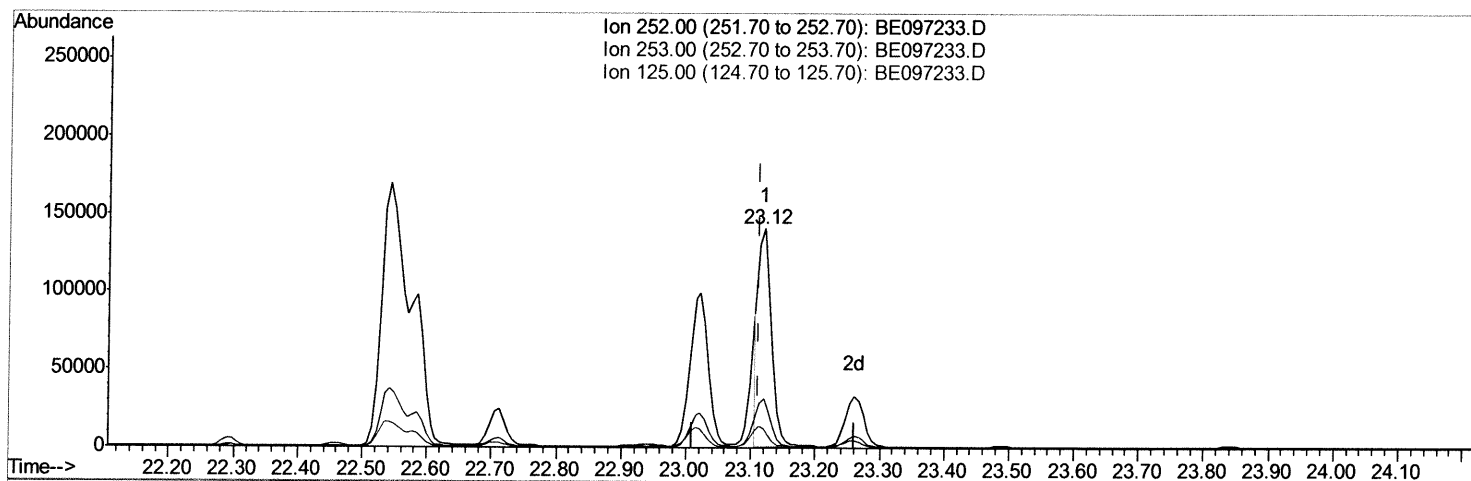
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(23) Benzo(a)pyrene (C)

23.119min (+0.008) 7.59ng/ul

response 198215

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.50#
125.00	22.60	8.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

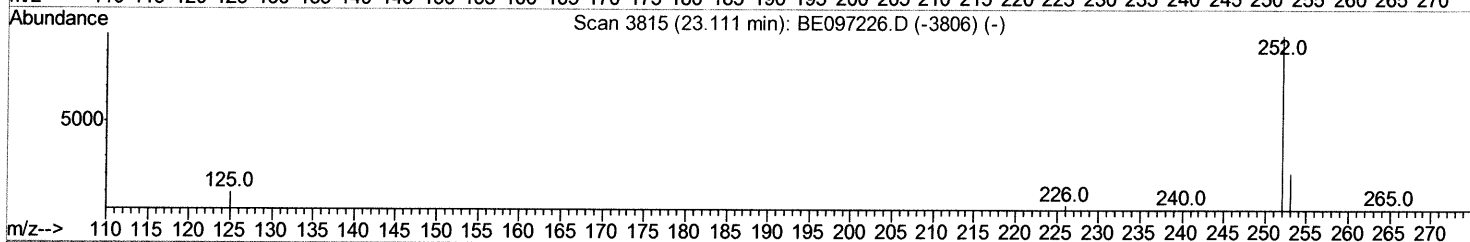
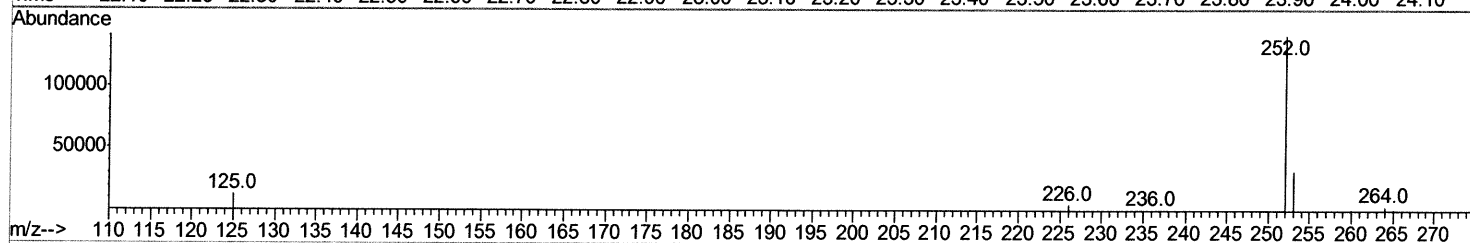
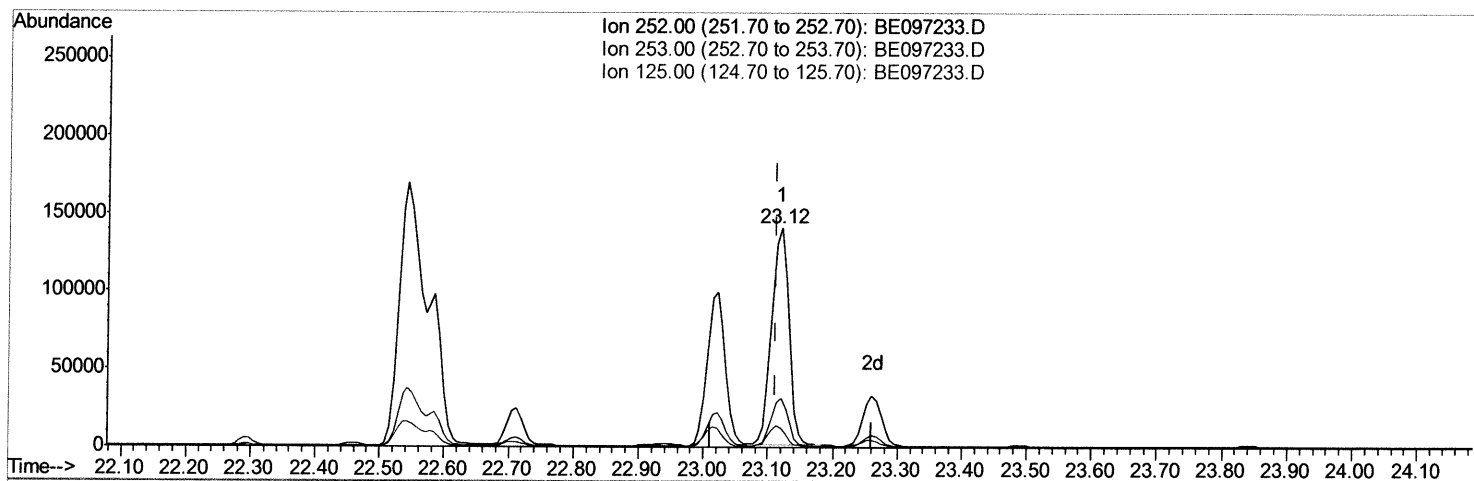
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(23) Benzo(a)pyrene (C)

23.119min (+0.008) 9.76ng/ul m > SJ 8/10/18

response 254921

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.50#
125.00	22.60	8.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097233.D
Acq On : 8 Aug 2018 13:47
Operator : SJ/JU
Sample : J4268-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC3

Manual Integrations
APPROVED

Sohil

8/9/2018 4:43:02 PM

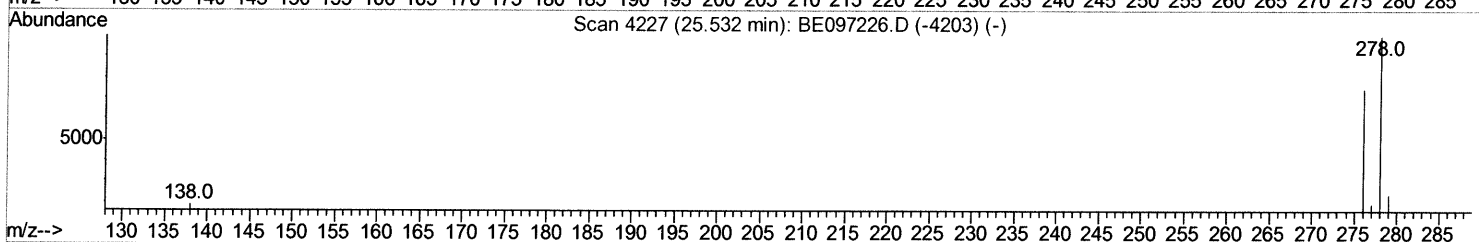
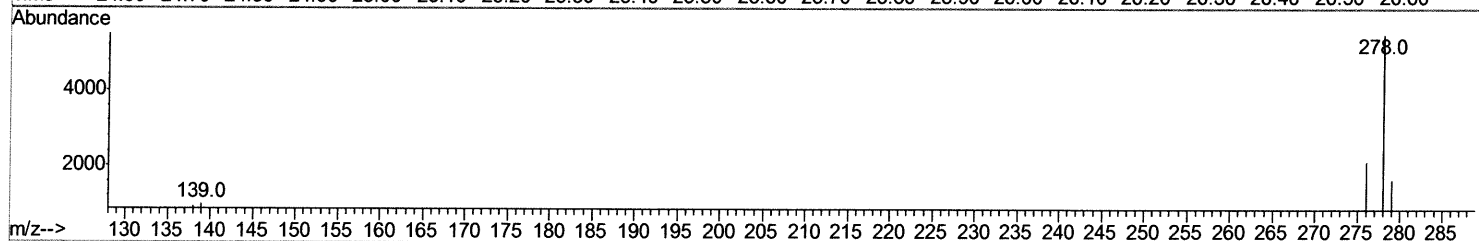
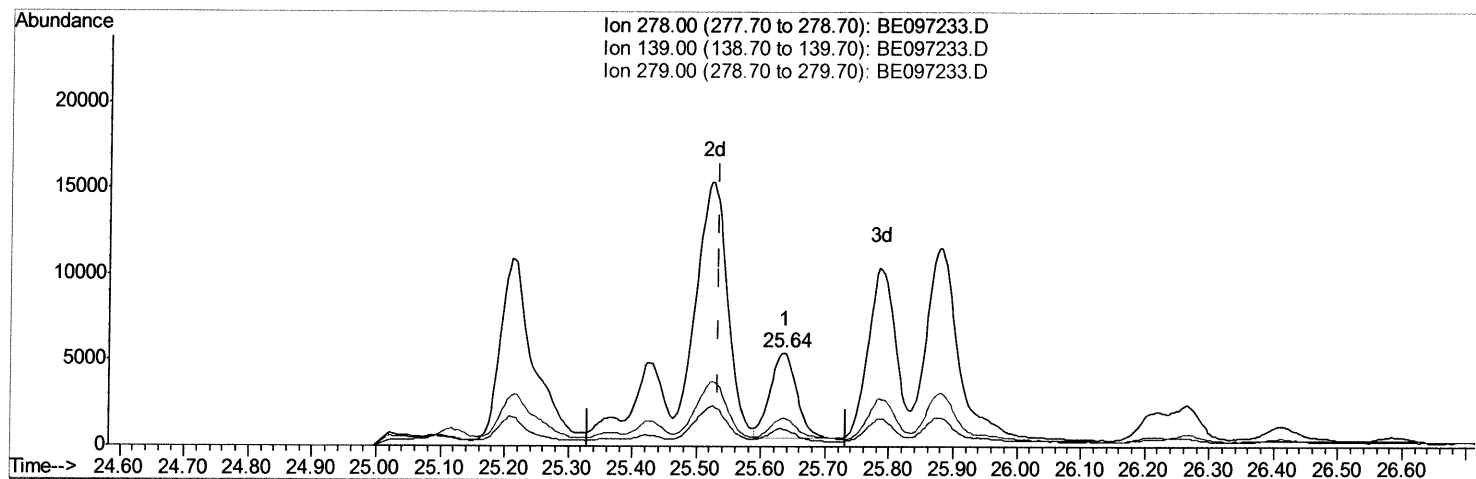
Quant Time: Aug 09 00:26:52 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 08 23:25:58 2018

Response via : Initial Calibration



TIC: BE097233.D

(25) Dibenzo(a,h)anthracene

25.635min (+0.103) 0.54ng/ul

response 14534

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.34
279.00	32.40	30.21
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

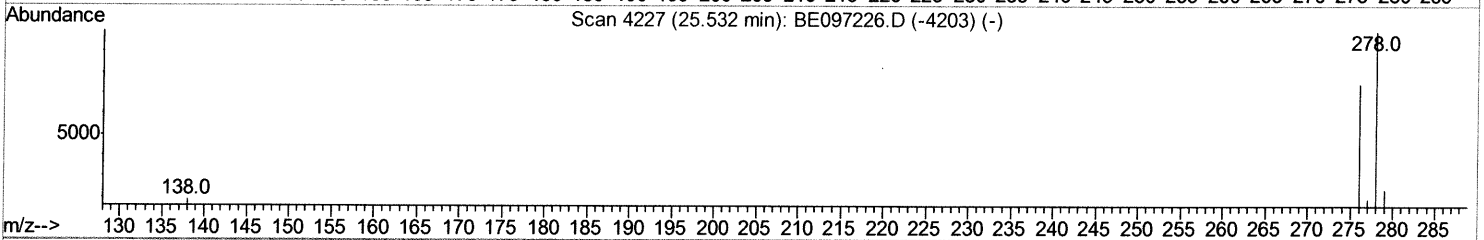
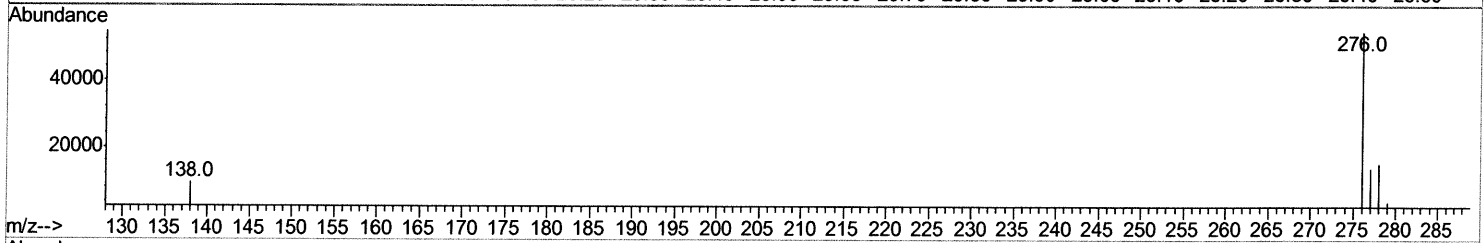
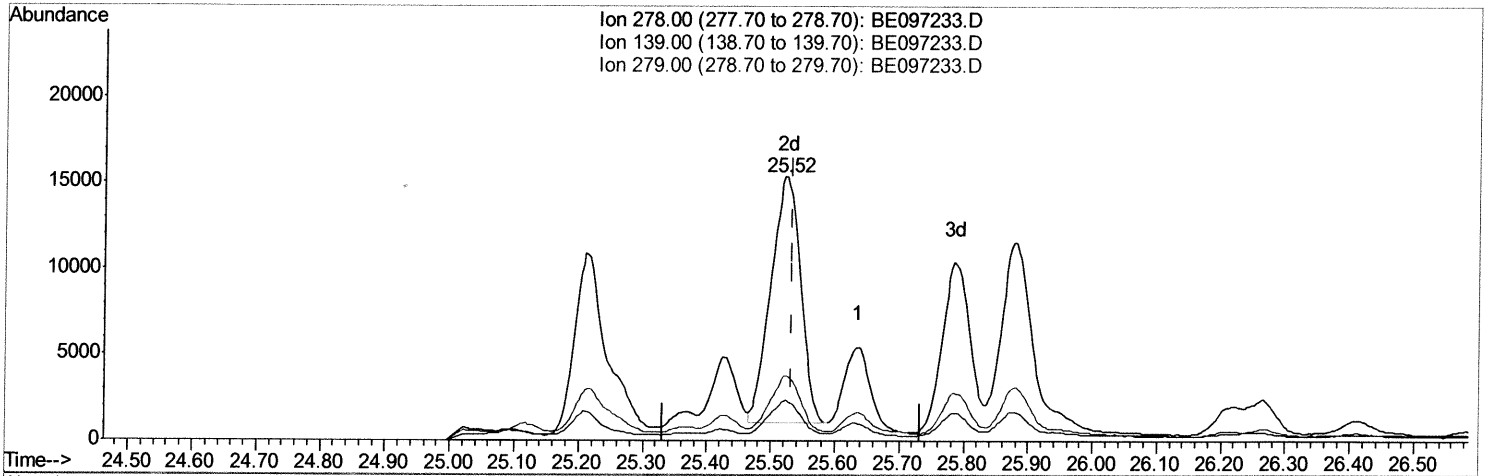
Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:26:52 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration



TIC: BE097233.D

(25) Dibenzo(a,h)anthracene

25.524min (-0.008) 1.74ng/ul m > 50 8/10/18

response 46555

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	15.57#
279.00	32.40	24.68#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
 Data File : BE097233.D
 Acq On : 8 Aug 2018 13:47
 Operator : SJ/JU
 Sample : J4268-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AC3

Manual Integrations
 APPROVED

Sohil

8/9/2018 4:43:02 PM

Quant Time: Aug 09 00:30:15 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 : Wed Aug 08 23:25:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1255	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6640	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4027	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9399m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9567m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	9576m	0.40	ng/ul	0.00

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.72	152	1999	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	5835m	0.18	ng/ul	0.00

Target Compounds

					Ovalue	
3) Naphthalene	10.18	128	3386	0.211	ng/ul#	95
5) 2-Methylnaphthalene	11.80	142	1811	0.170	ng/ul	98
7) Acenaphthylene	13.74	152	7220	0.415	ng/ul	97
8) Acenaphthene	14.08	153	3143	0.250	ng/ul#	93
9) Fluorene	15.08	166	4708	0.325	ng/ul	93
12) Phenanthrene	16.81	178	144987m	6.051	ng/ul	
13) Anthracene	16.90	178	21875m	0.979	ng/ul	
15) Fluoranthene	18.84	202	487348m	15.388	ng/ul	
17) Pyrene	19.21	202	436060	17.010	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	233018m	8.524	ng/ul	
19) Chrysene	21.01	228	279425	9.919	ng/ul	96
21) Benzo(b)fluoranthene	22.54	252	396895m	15.207	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	130211m	4.627	ng/ul	
23) Benzo(a)pyrene	23.12	252	254921m	9.761	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	205262	6.280	ng/ul#	70
25) Dibenzo(a,h)anthracene	25.52	278	46555m	1.741	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	200753	7.107	ng/ul#	90

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