

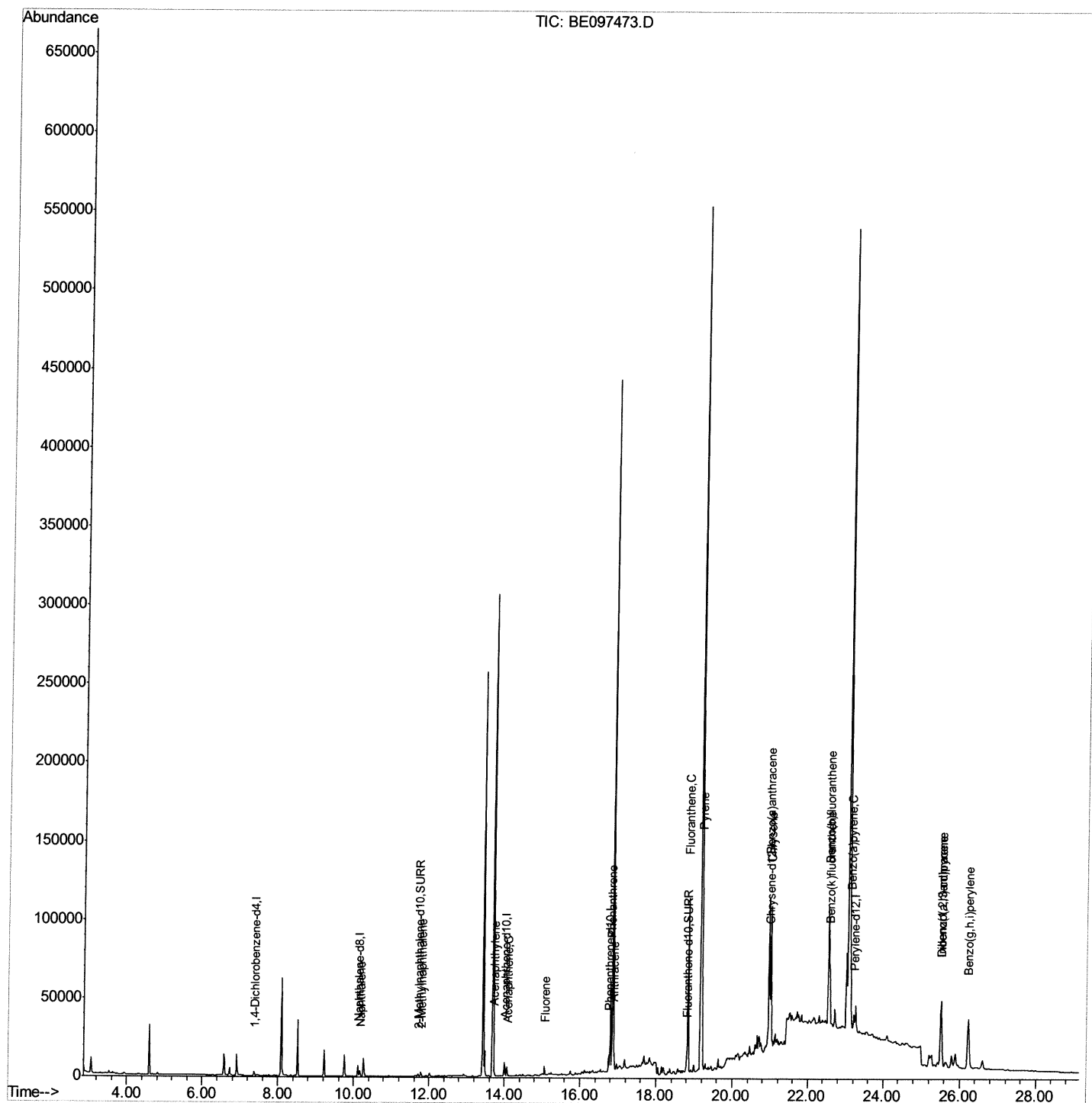
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:13:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

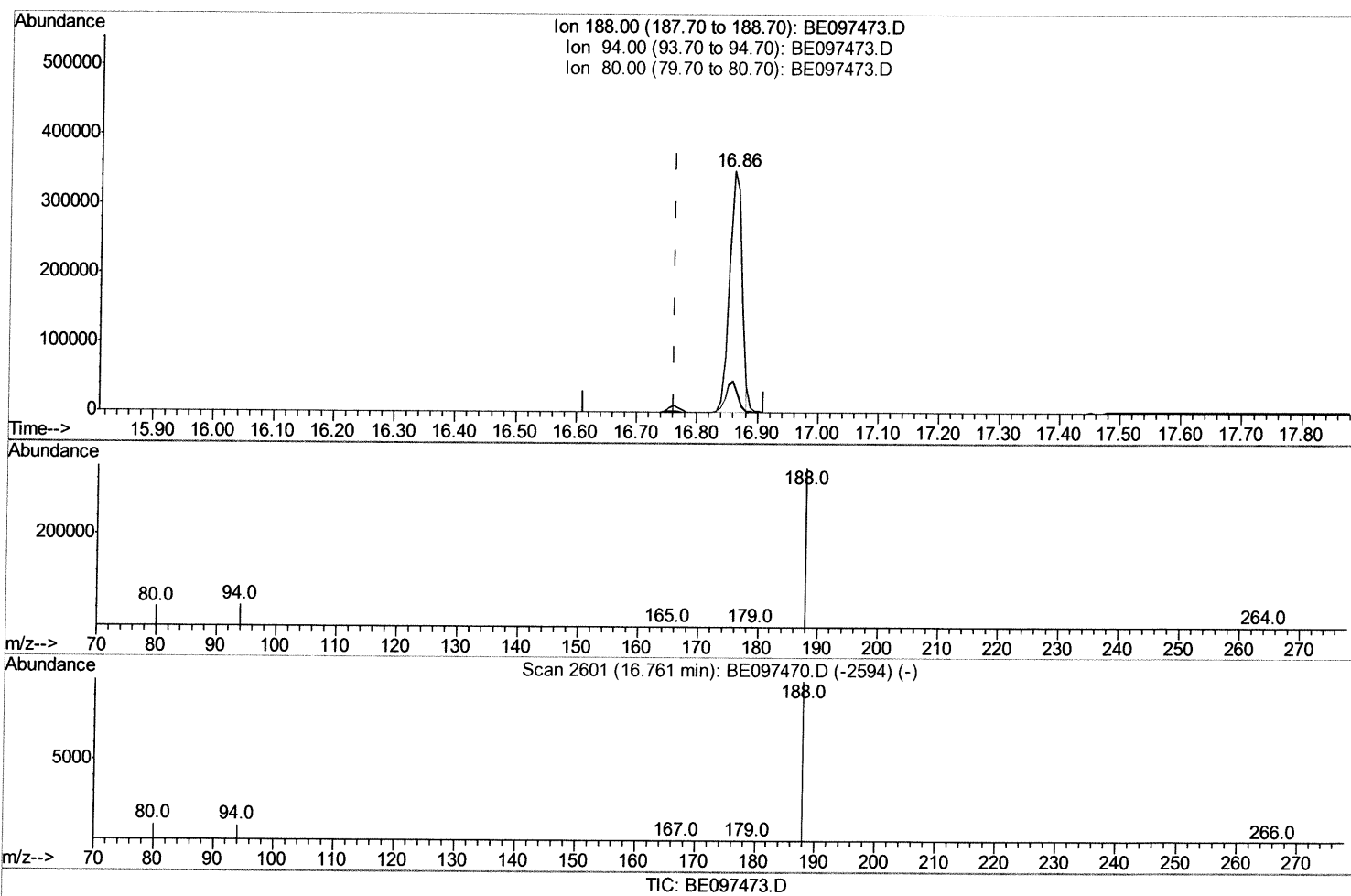
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 07:49:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.860min (+0.098) 0.40ng/ul

response 499064

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	13.37#
80.00	11.80	12.26
0.00	0.00	0.00

Quantitation Report (Qedit)

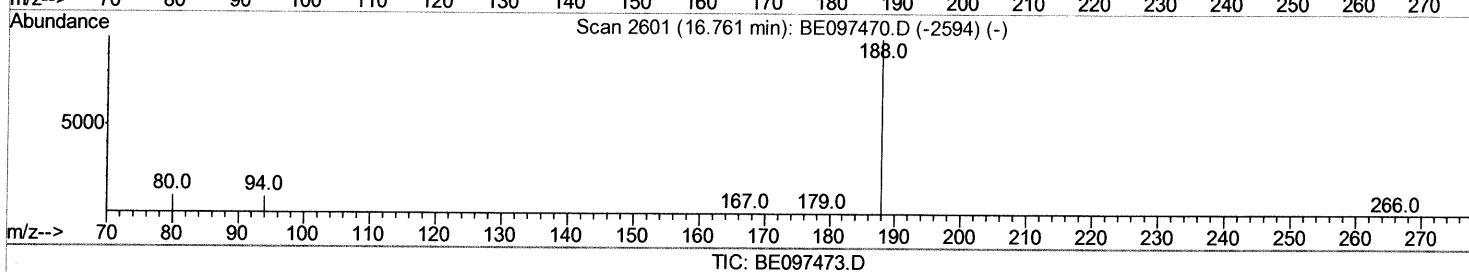
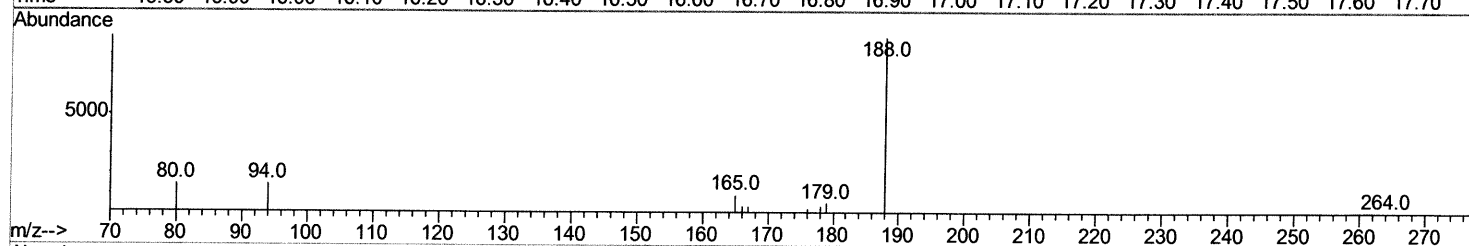
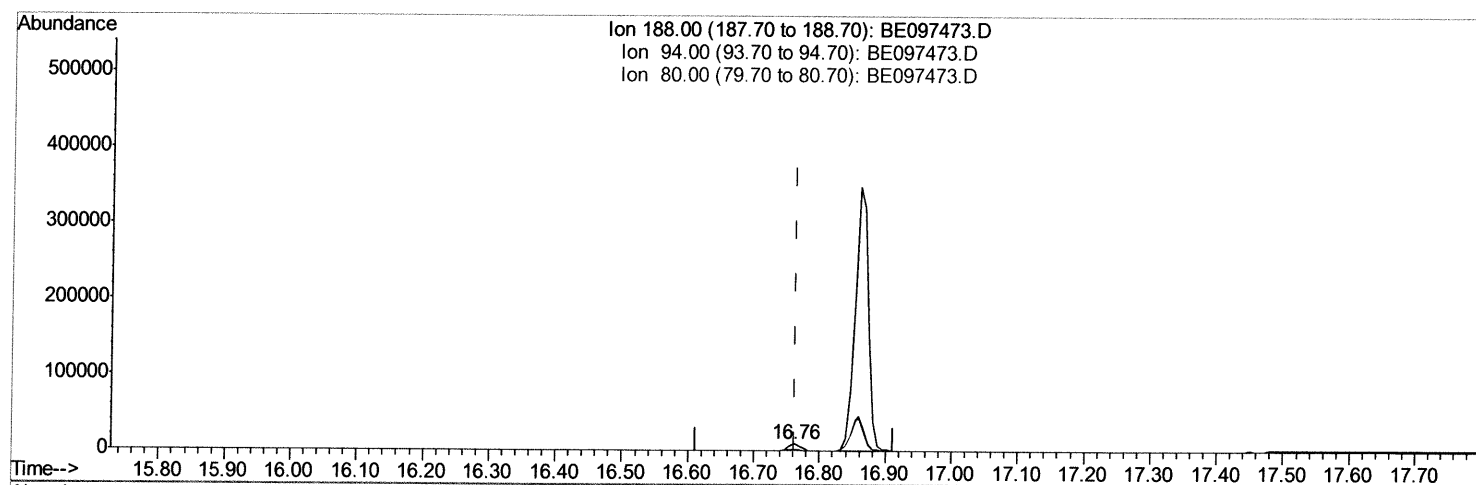
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 07:49:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.761min (-0.000) 0.40ng/ul m > 53 9/14/18

response 12227

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	16.24#
80.00	11.80	16.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

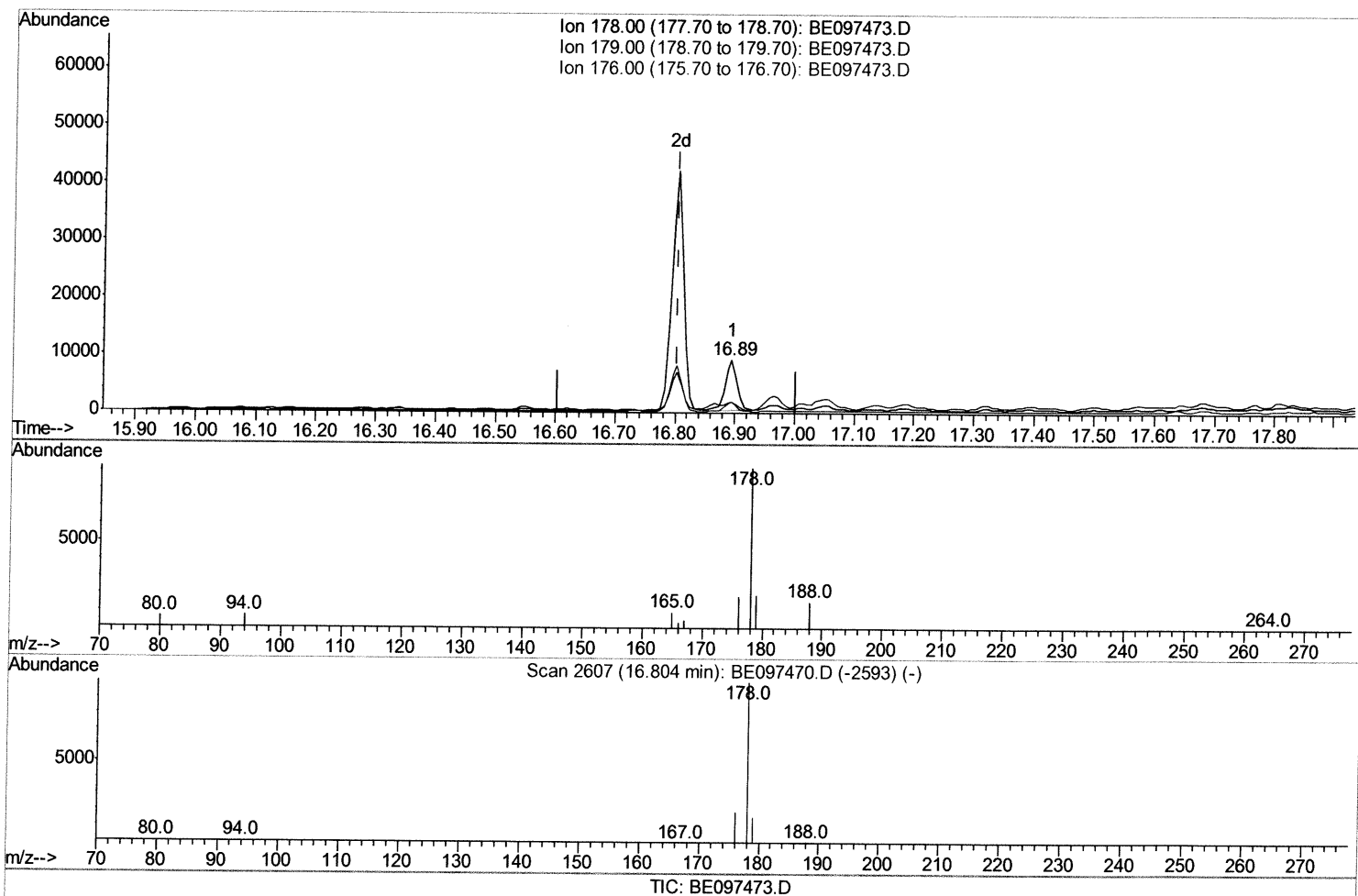
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(12) Phenanthrene

16.895min (+0.091) 0.39ng/ul

response 12173

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	21.23
176.00	17.00	20.72#
0.00	0.00	0.00

Quantitation Report (Qedit)

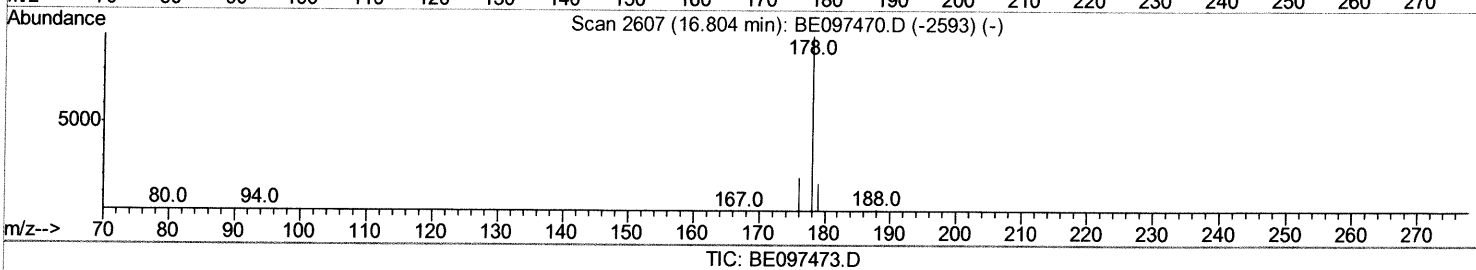
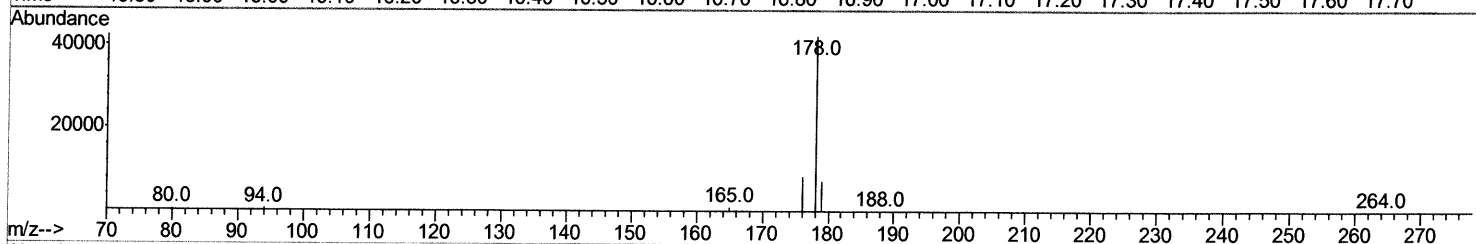
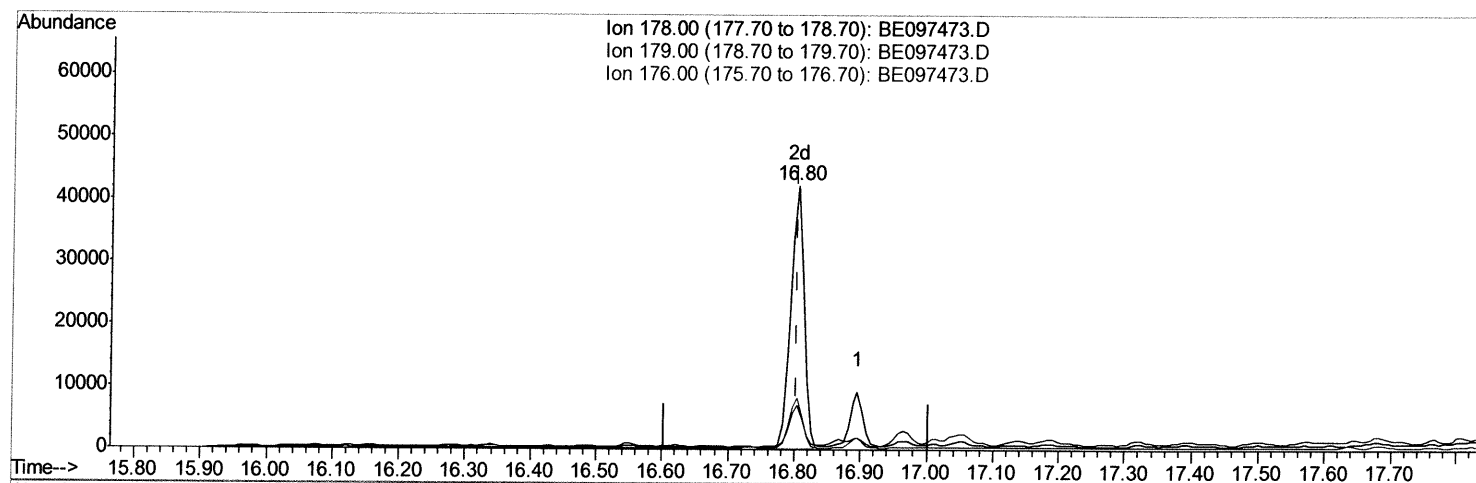
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(12) Phenanthrene

16.804min (-0.000) 1.84ng/ul m> 51 9/14/18

response 58020

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	16.97#
176.00	17.00	19.68
0.00	0.00	0.00

Quantitation Report (Qedit)

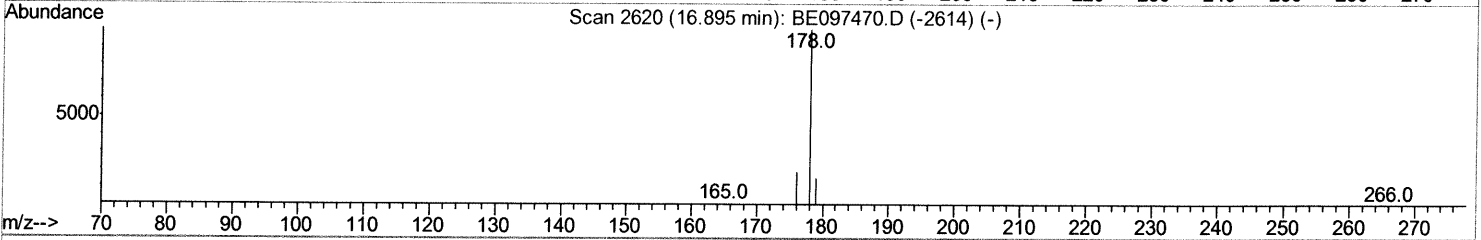
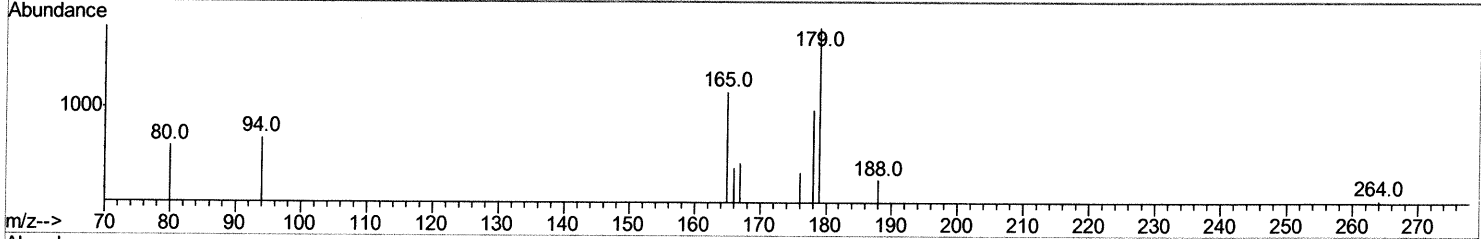
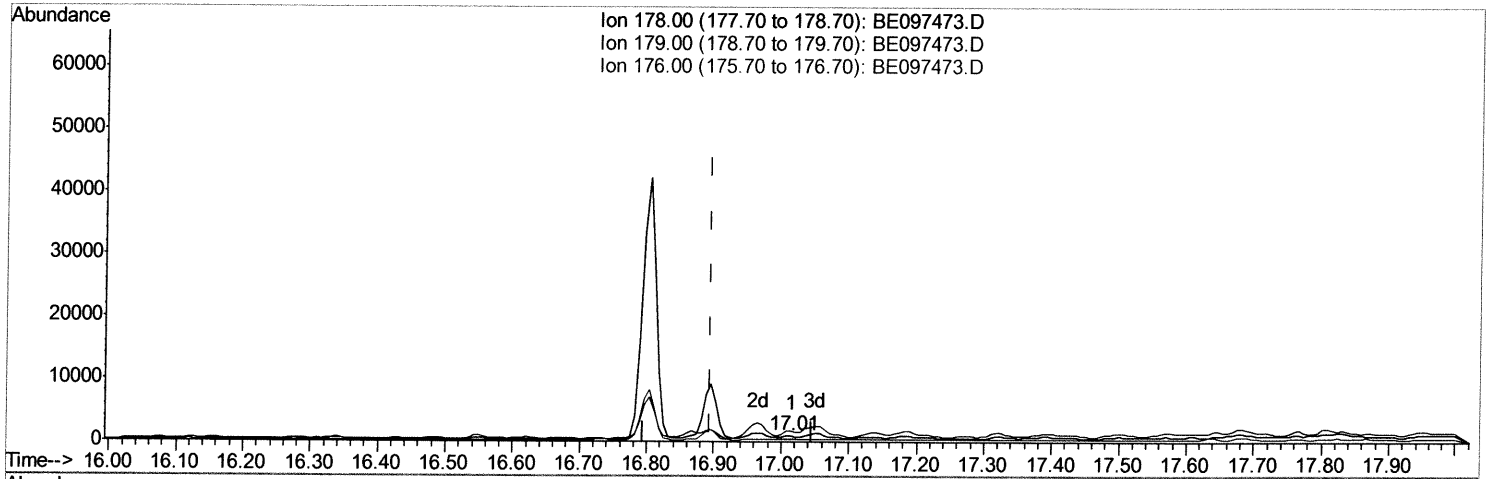
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097473.D

(13) Anthracene

17.015min (+0.119) 0.02ng/ul

response 496

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	181.68#
176.00	18.40	37.97#
0.00	0.00	0.00

Quantitation Report (Qedit)

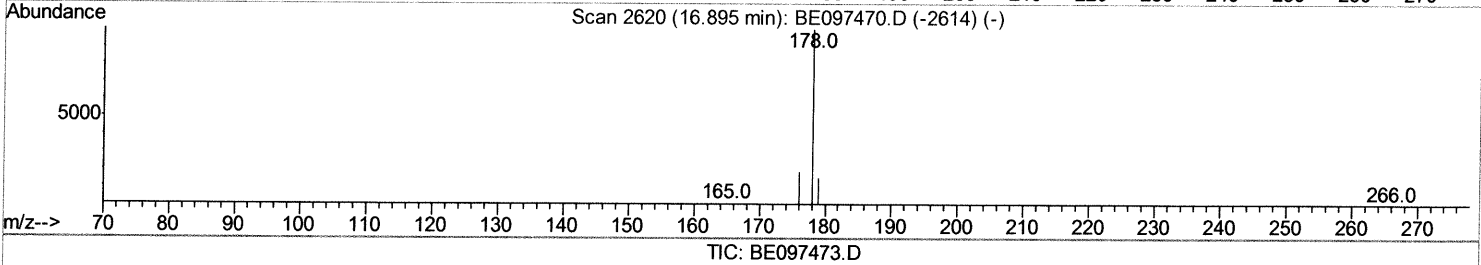
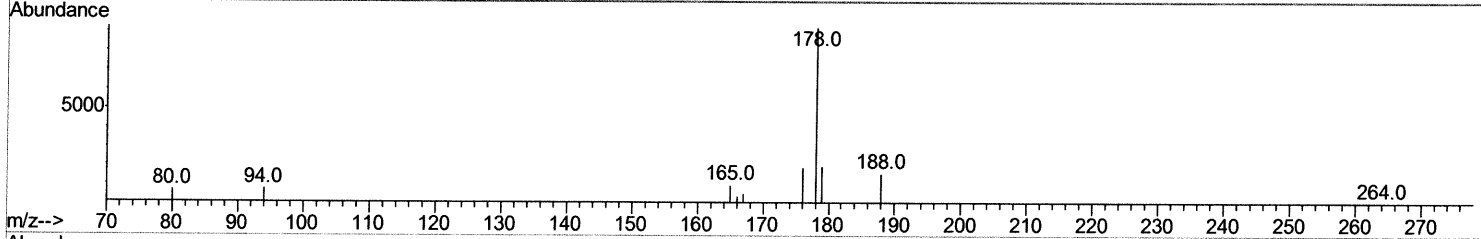
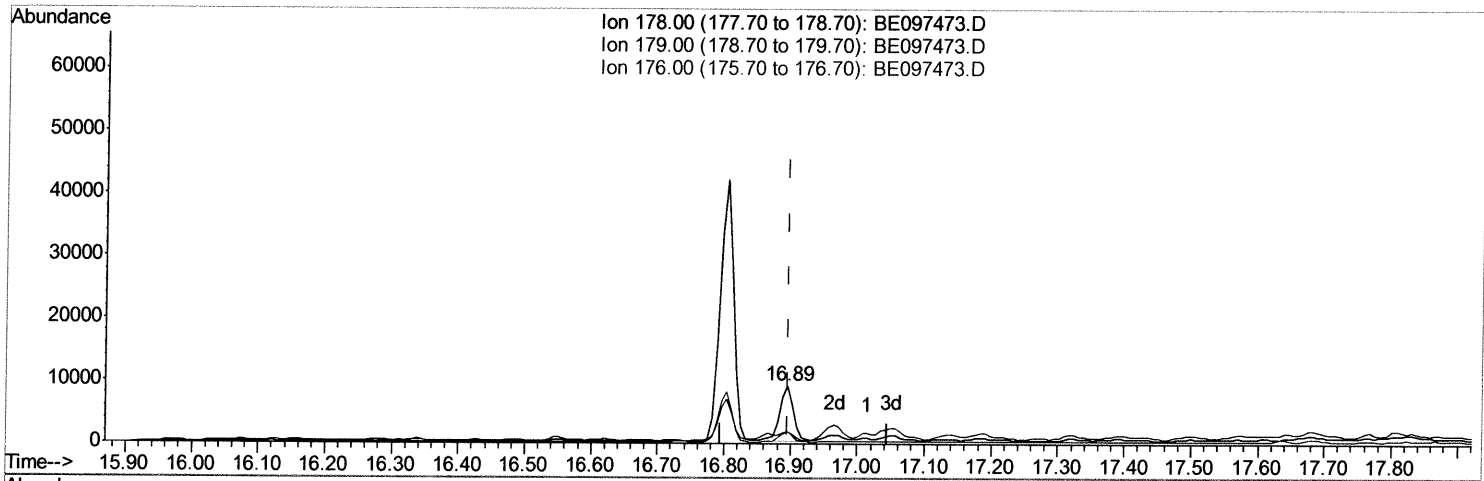
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(13) Anthracene

16.895min (-0.000) 0.46ng/ul m> 52 9/14/18

response 12043

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	21.23
176.00	18.40	20.72
0.00	0.00	0.00

Quantitation Report (Qedit)

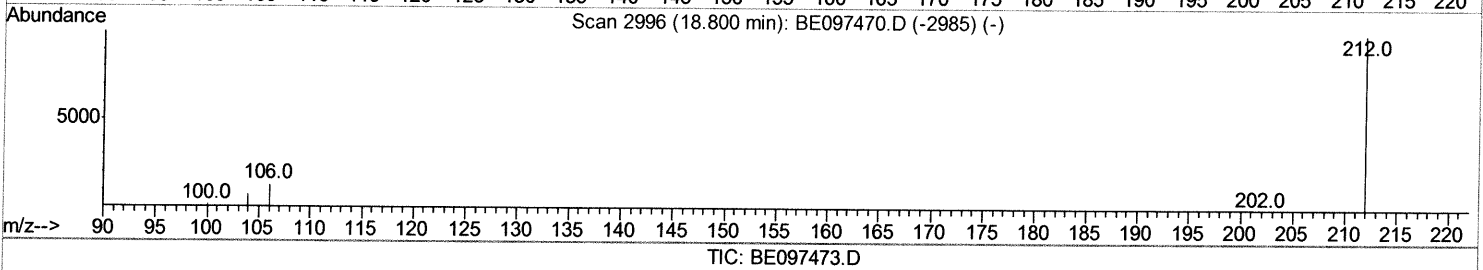
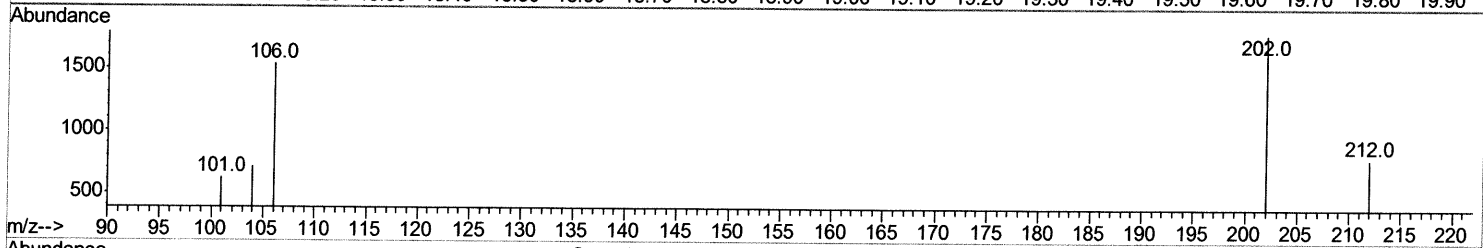
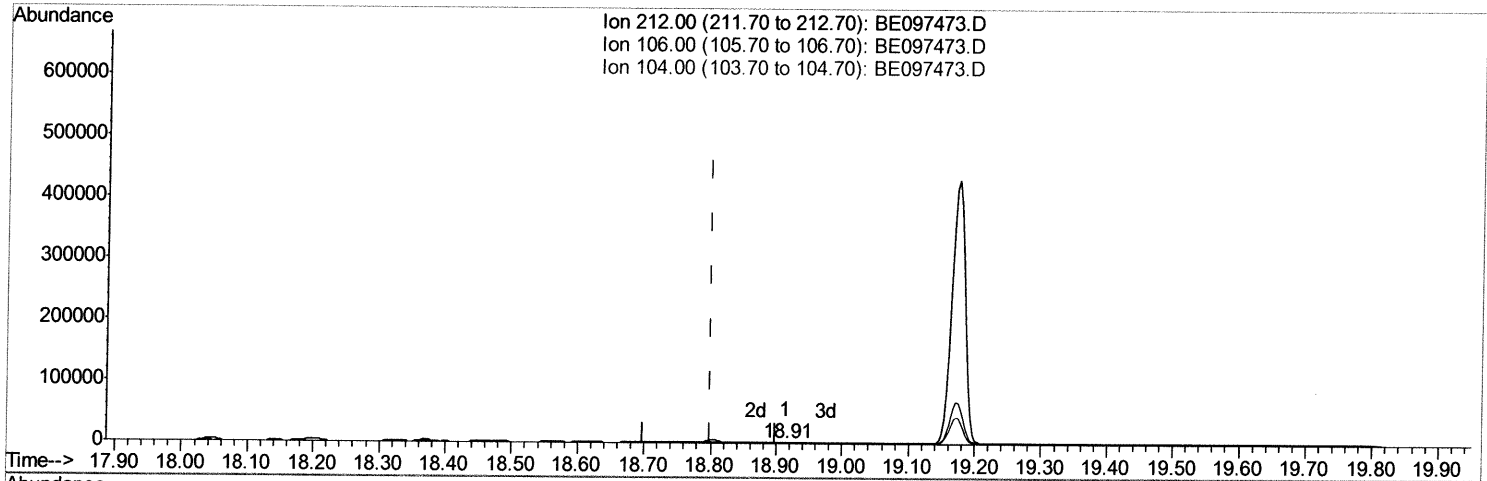
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.914min (+0.115) 0.02ng/ul

response 713

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	115.15#
104.00	15.60	70.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

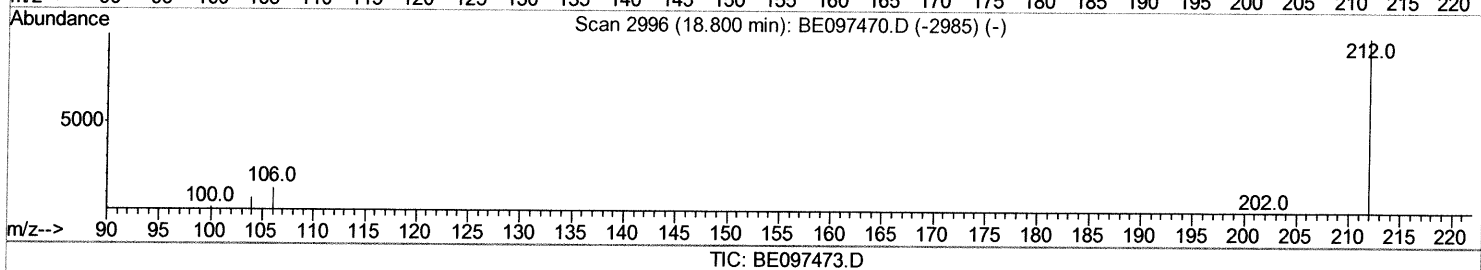
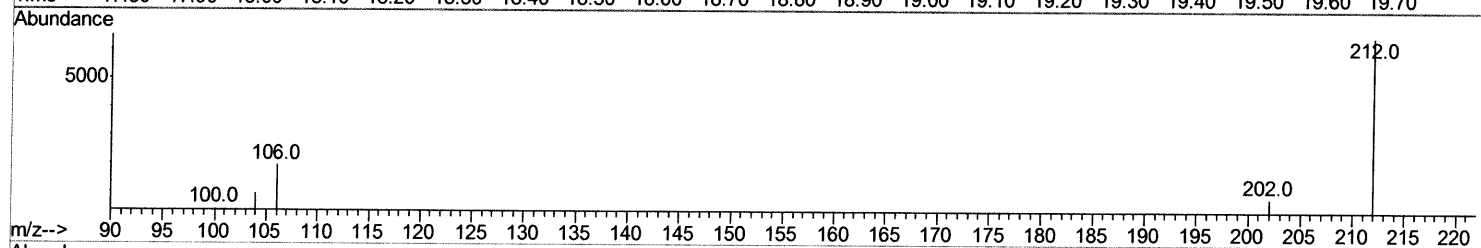
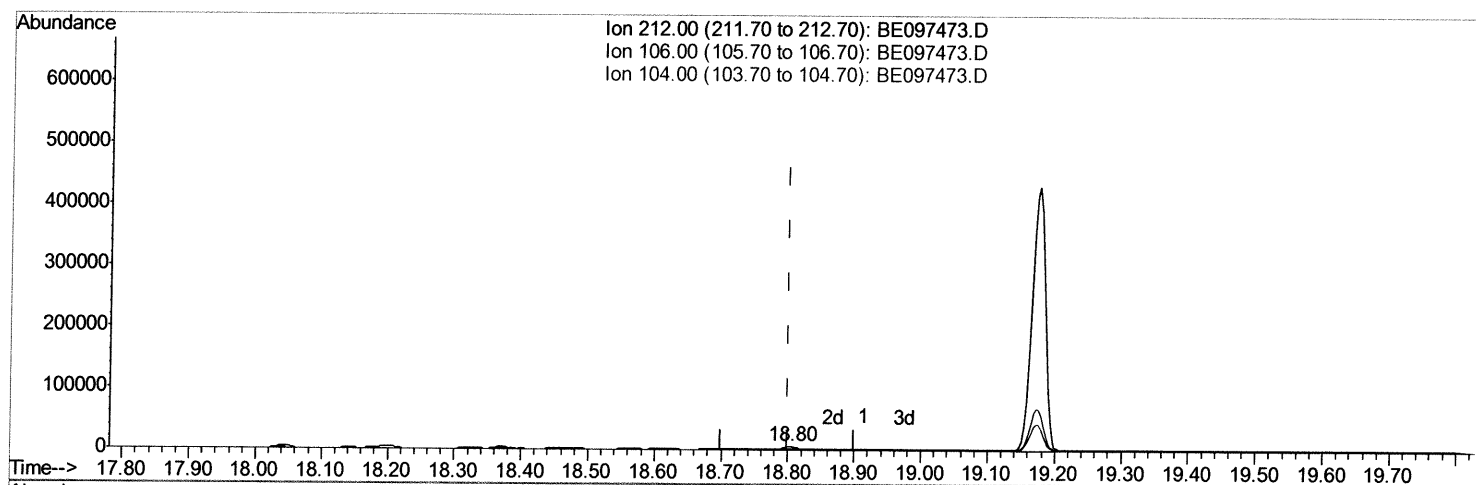
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.804min (+0.004) 0.22ng/ul > SJ 9/14/18

response 8685

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	9.45#
104.00	15.60	5.78#
0.00	0.00	0.00

Quantitation Report (Qedit)

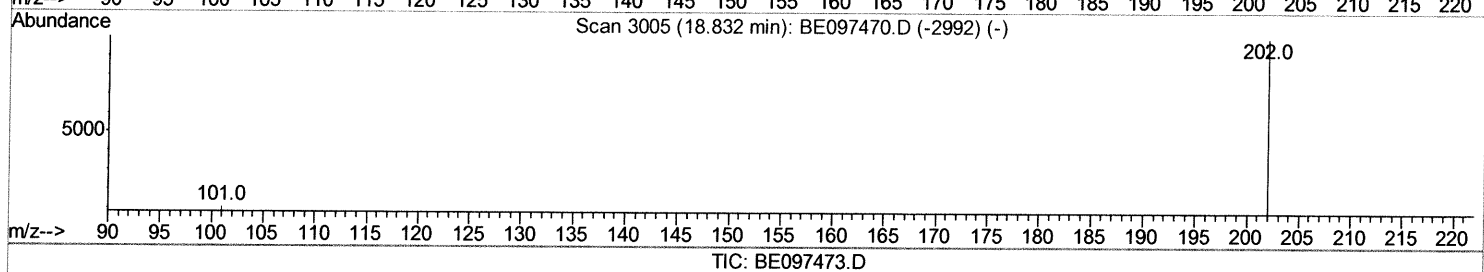
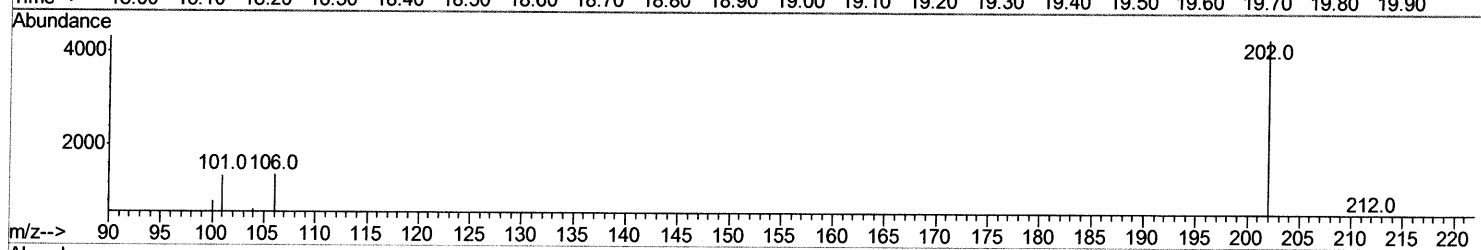
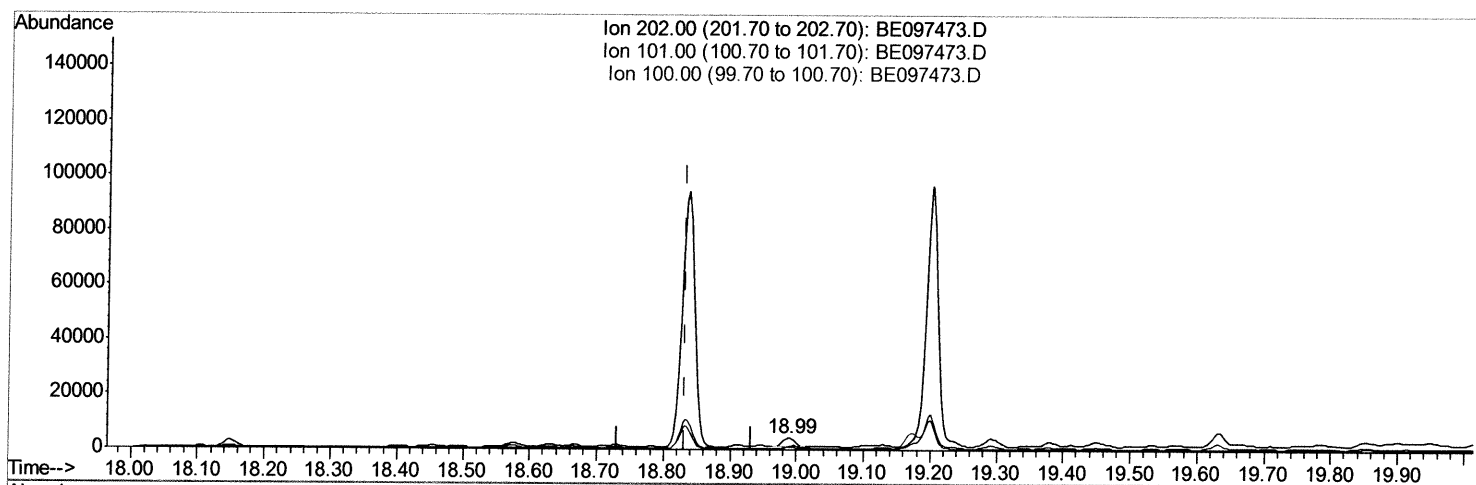
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

18.989min (+0.157) 0.10ng/ul

response 3855

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	31.30#
100.00	19.50	18.40
0.00	0.00	0.00

Quantitation Report (Qedit)

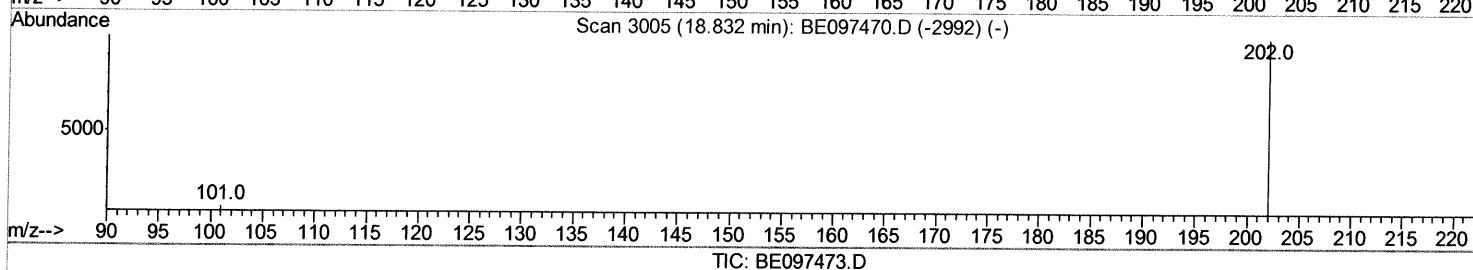
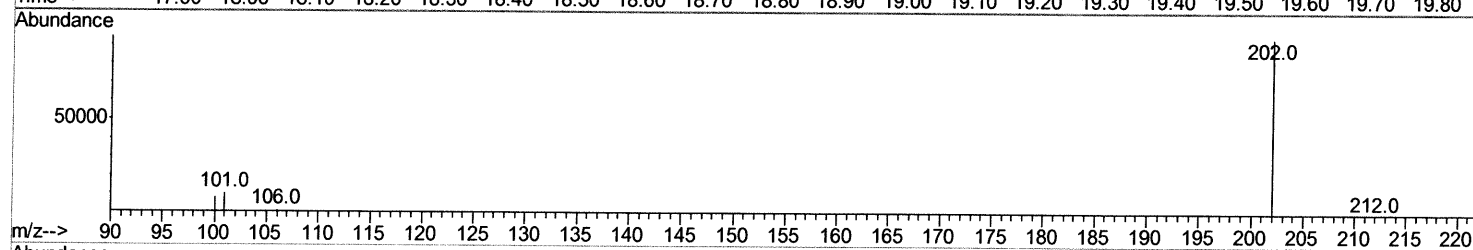
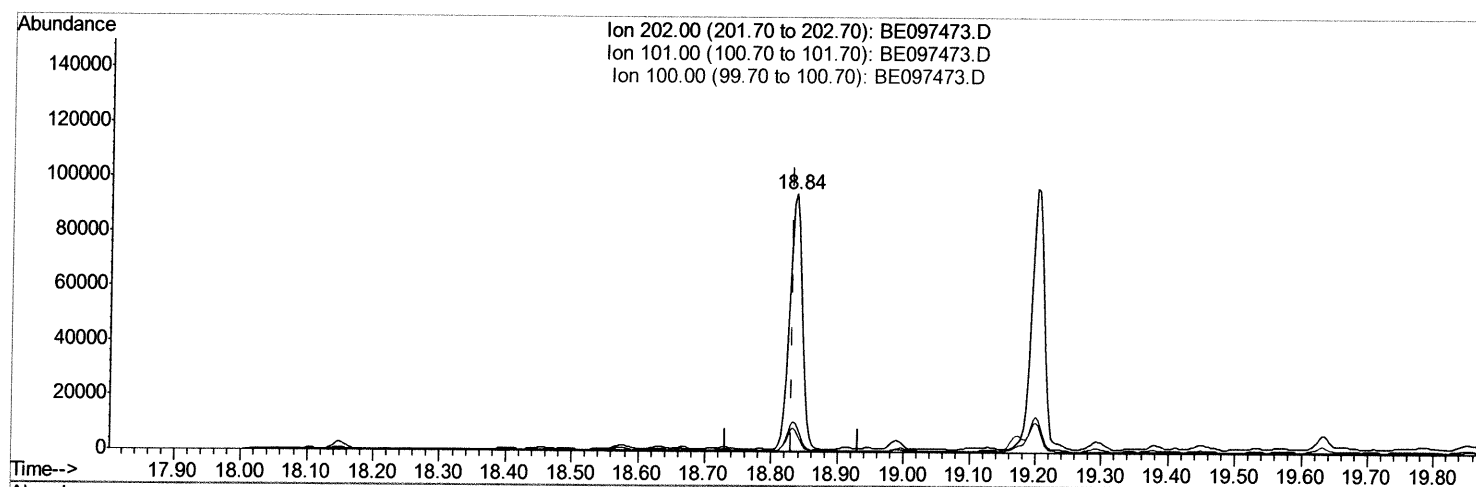
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



TIC: BE097473.D

(15) Fluoranthene (C)

18.836min (+0.004) 3.03ng/ul m> SJ 9/14/18

response 122567

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.02
100.00	19.50	8.47
0.00	0.00	0.00

Quantitation Report (Qedit)

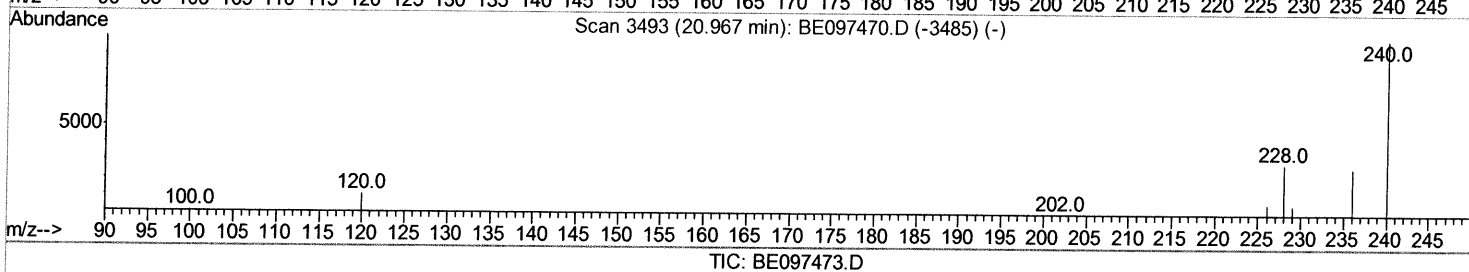
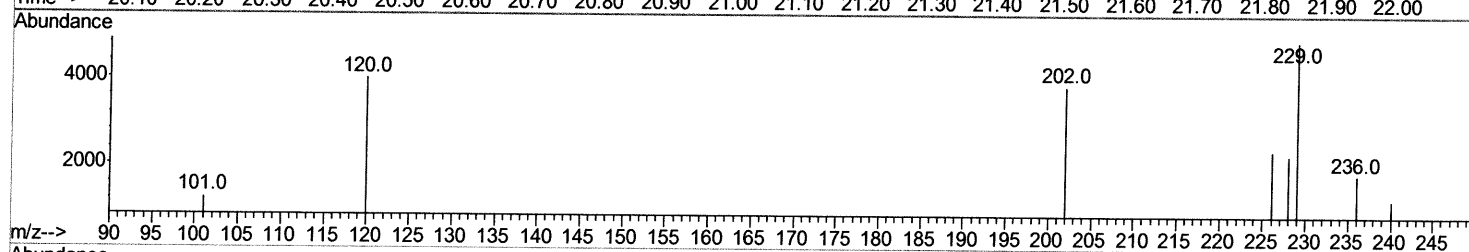
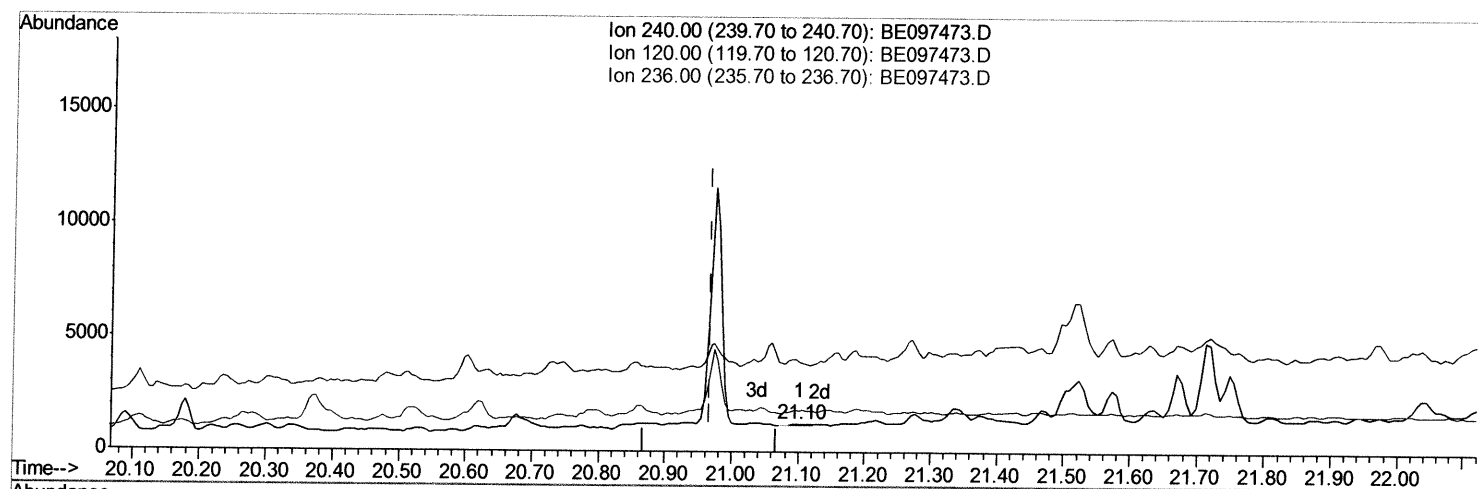
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.101min (+0.134) 0.40ng/ul

response 206

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	320.95#
236.00	34.90	145.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

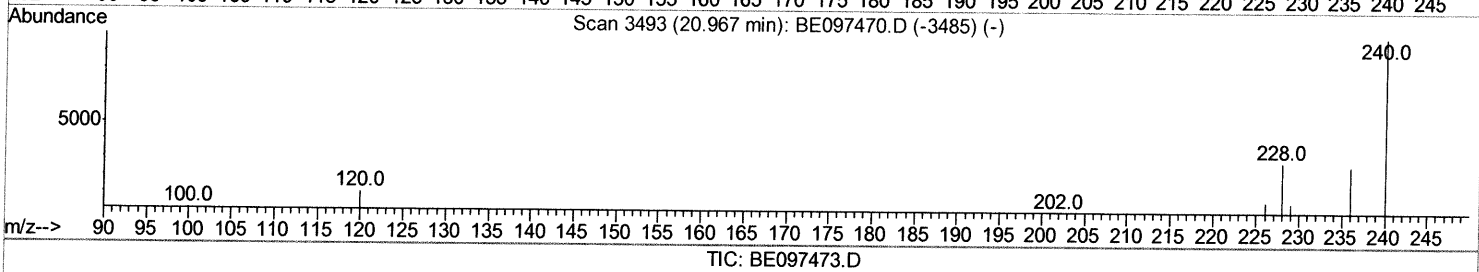
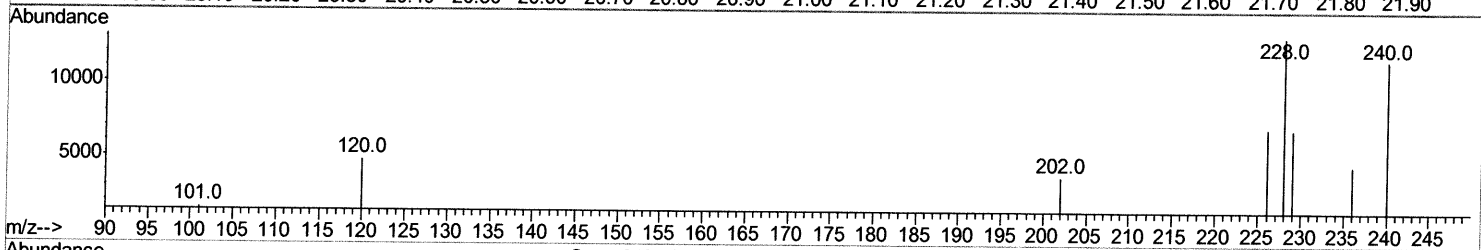
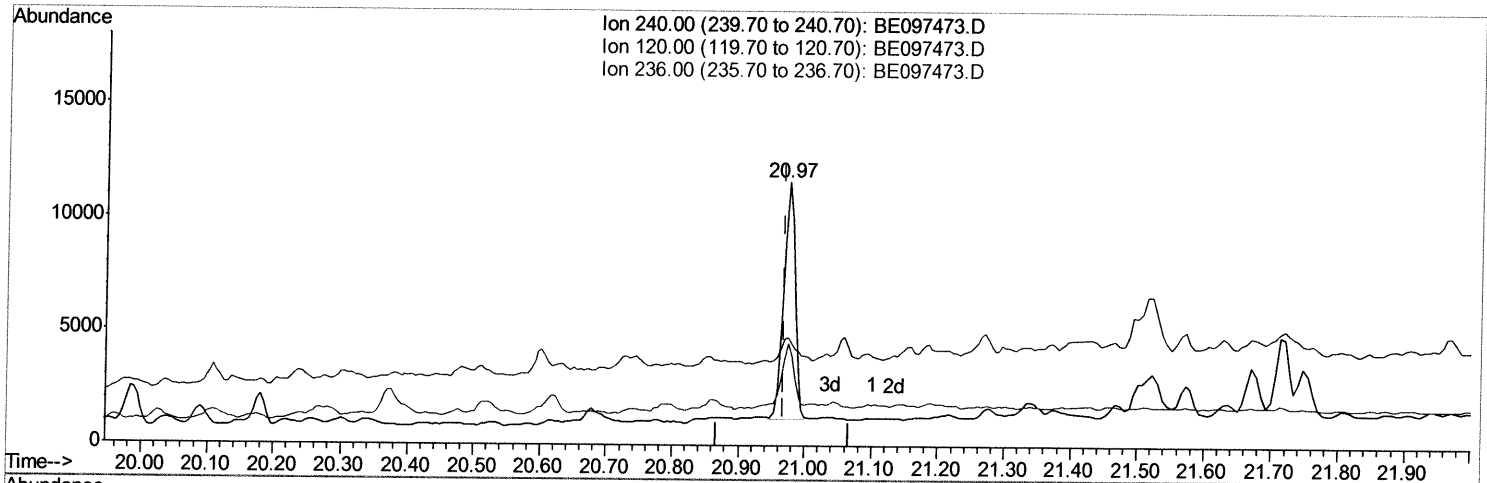
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:09:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(16) Chrysene-d12 (I)

20.974min (+0.006) 0.40ng/ul m> SJ 9/18/18

response 12617

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	41.13#
236.00	34.90	38.62
0.00	0.00	0.00

Quantitation Report (Qedit)

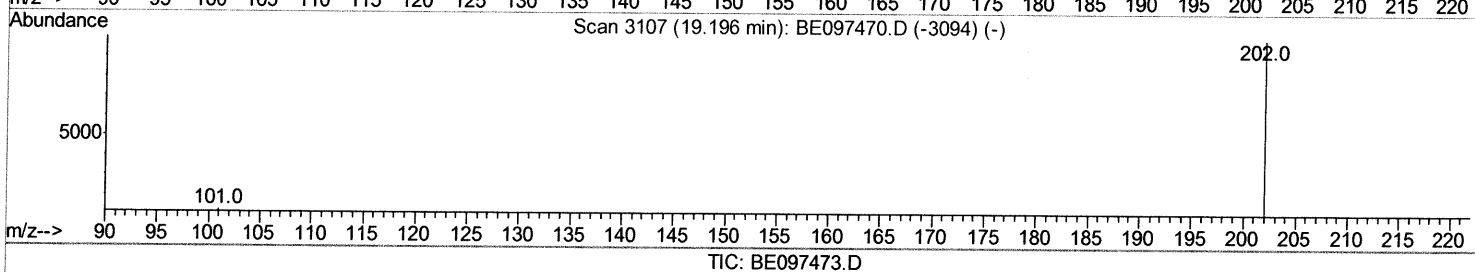
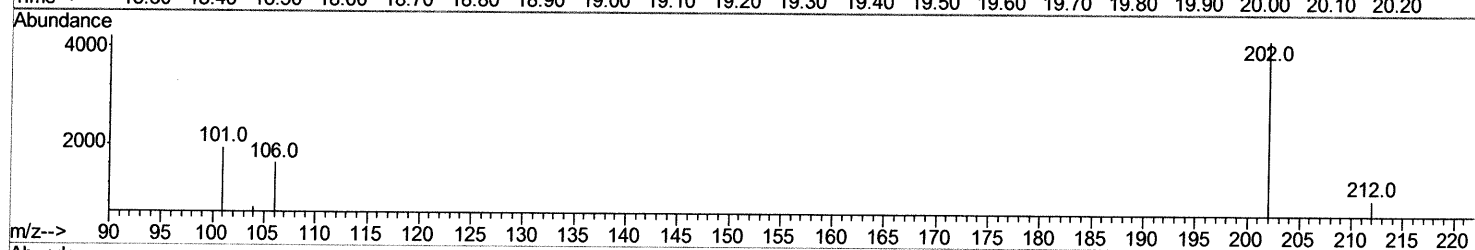
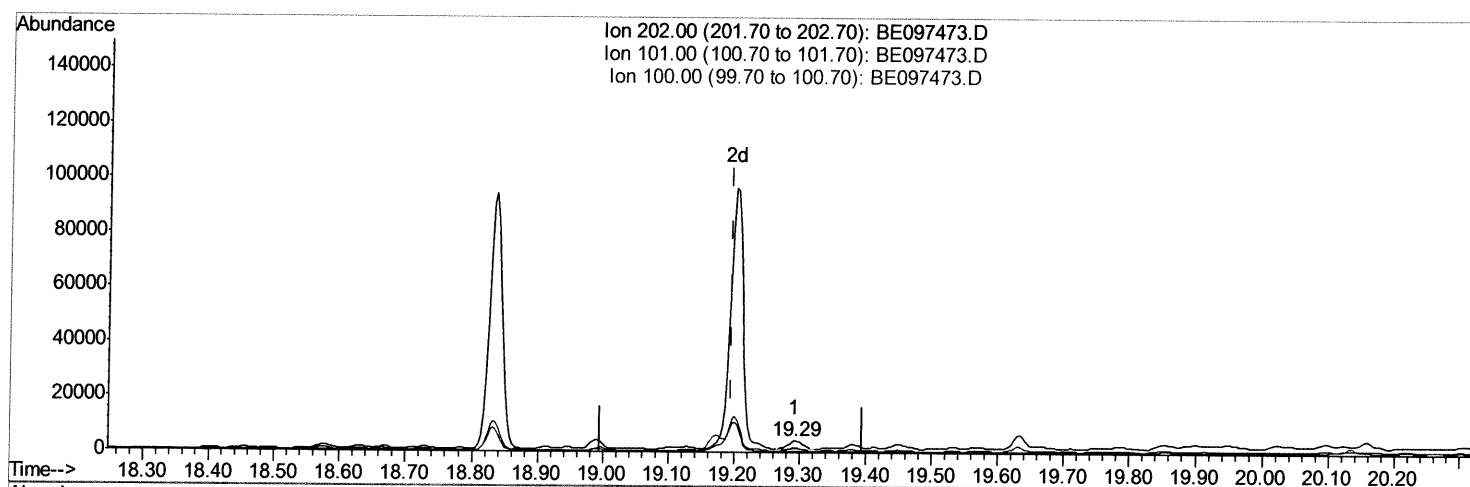
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(17) Pyrene

19.292min (+0.097) 0.12ng/ul

response 4116

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	45.53#
100.00	19.50	14.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

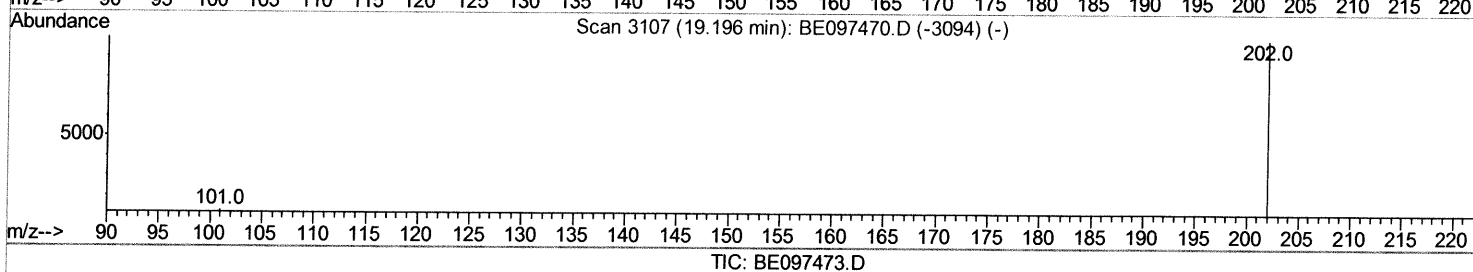
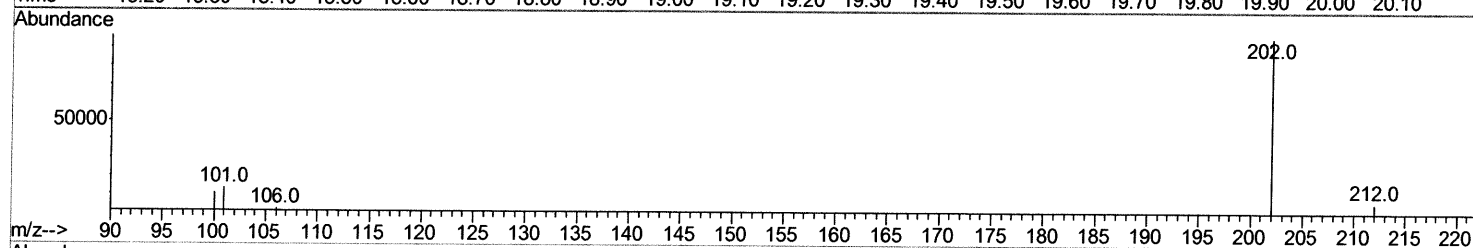
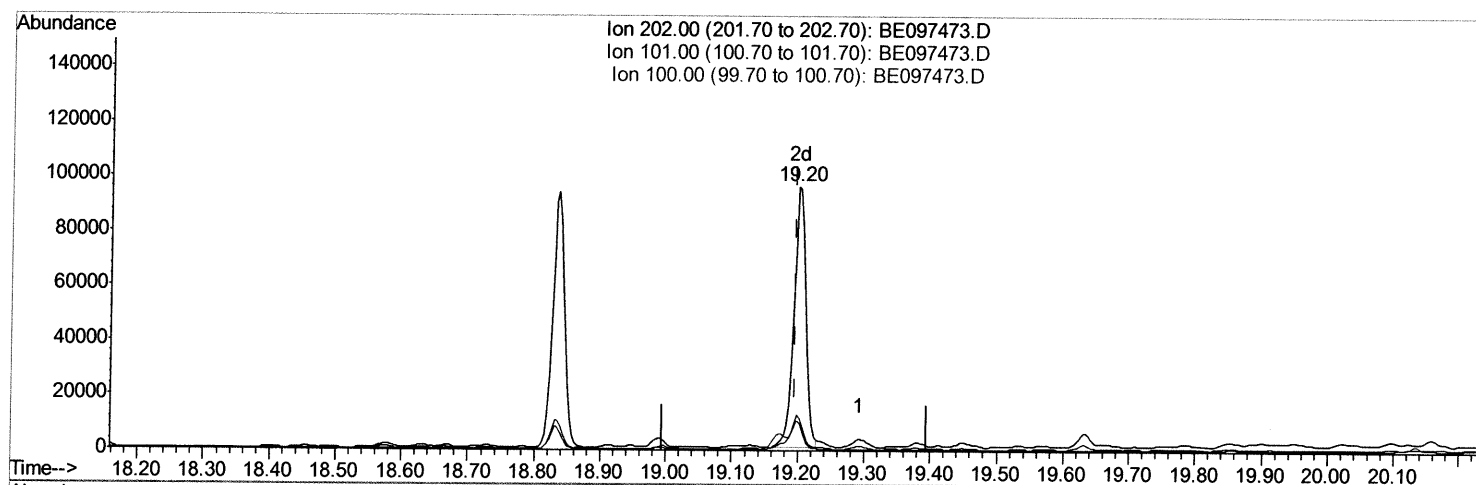
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(17) Pyrene

19.200min (+0.004) 3.75ng/ul m> SJ 9/18/18

response 127197

Ion	Exp%	Act%
202.00	100	100
101.00	22.80	13.66#
100.00	19.50	11.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

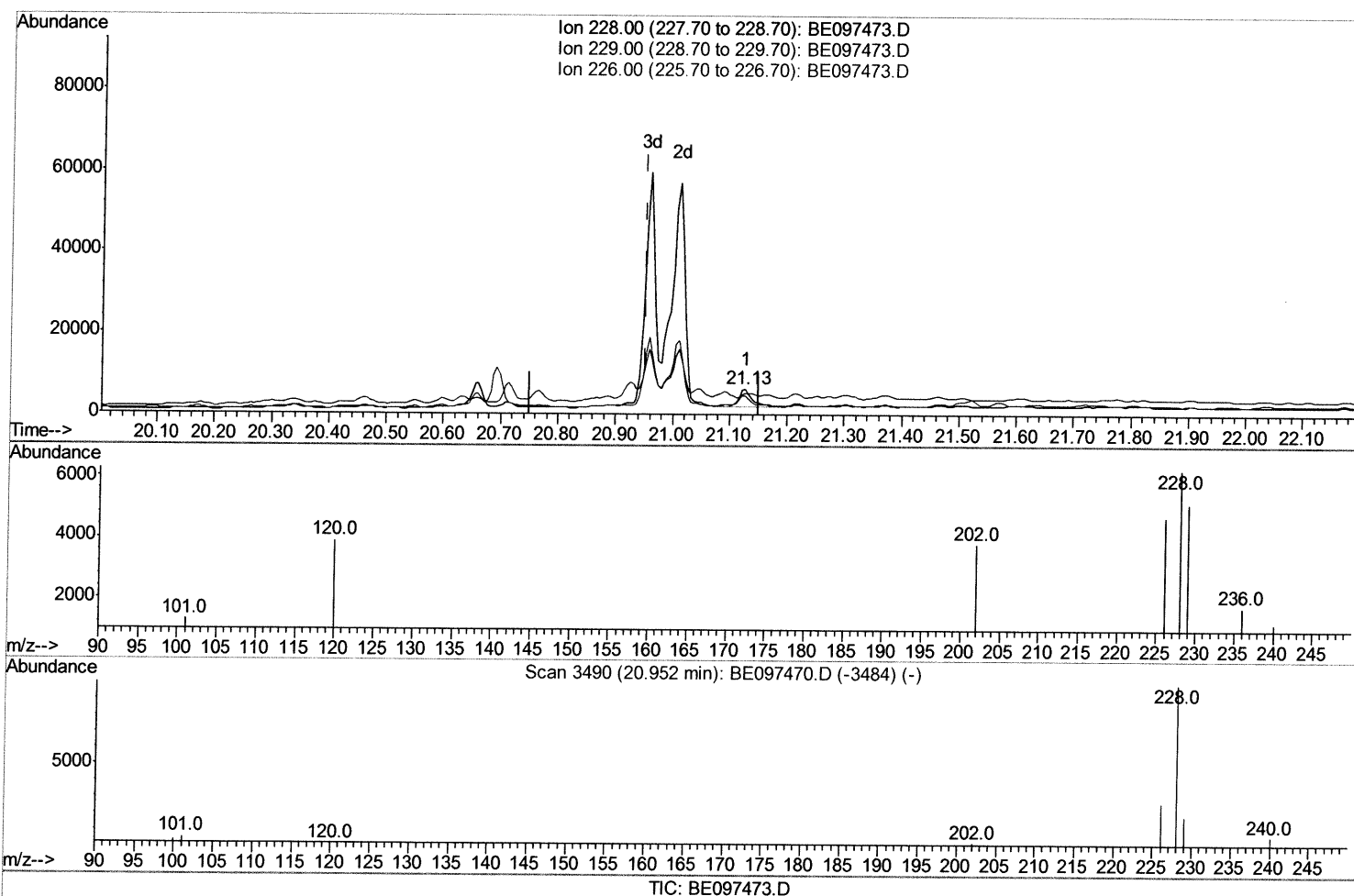
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.128min (+0.176) 0.23ng/ul

response 7404

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	82.04#
226.00	21.30	75.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

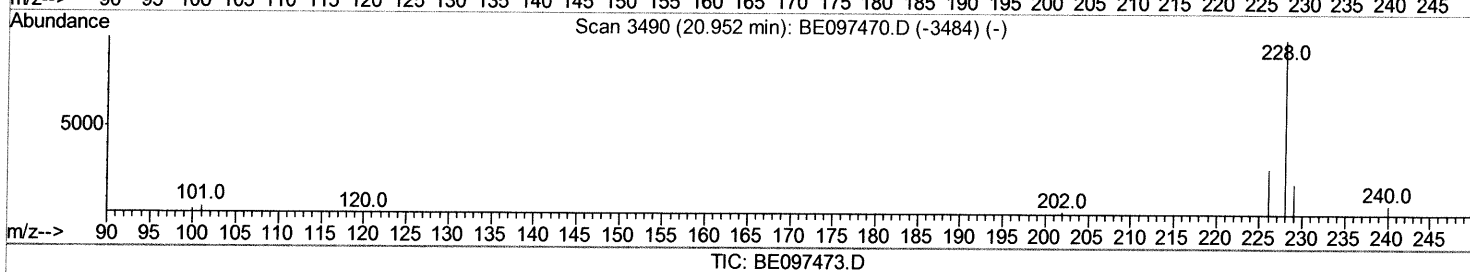
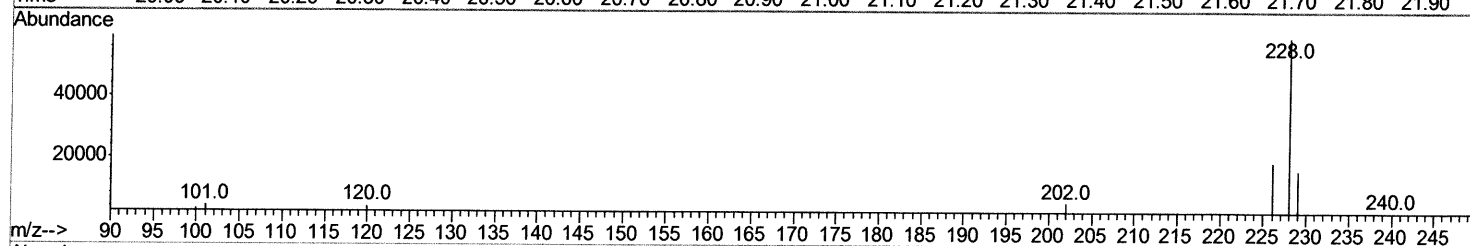
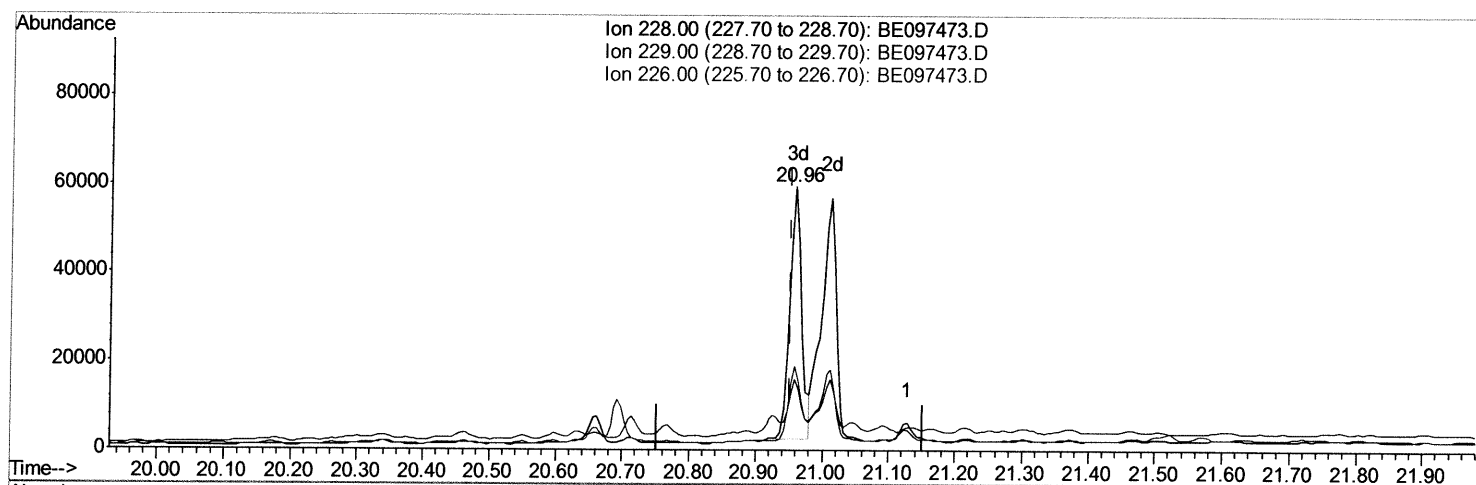
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

20.958min (+0.006) 2.14ng/ul m> SJ 9/18/18

response 69391

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	26.83
226.00	21.30	31.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

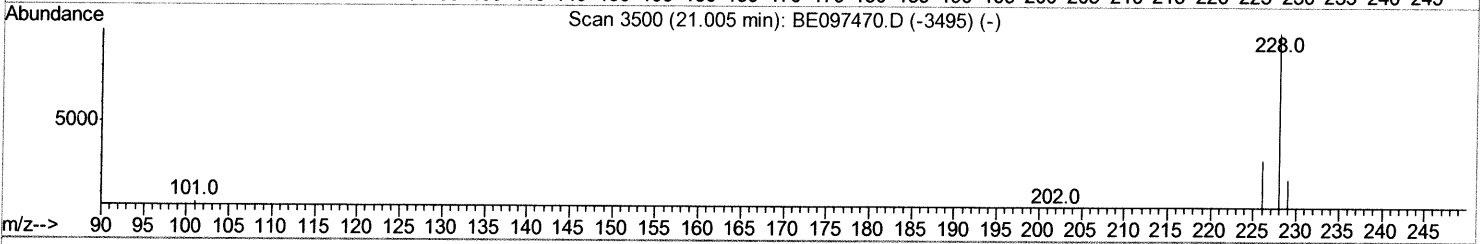
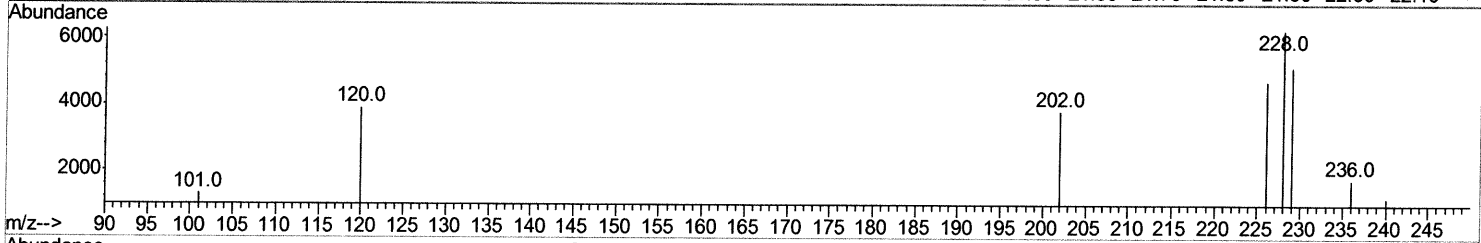
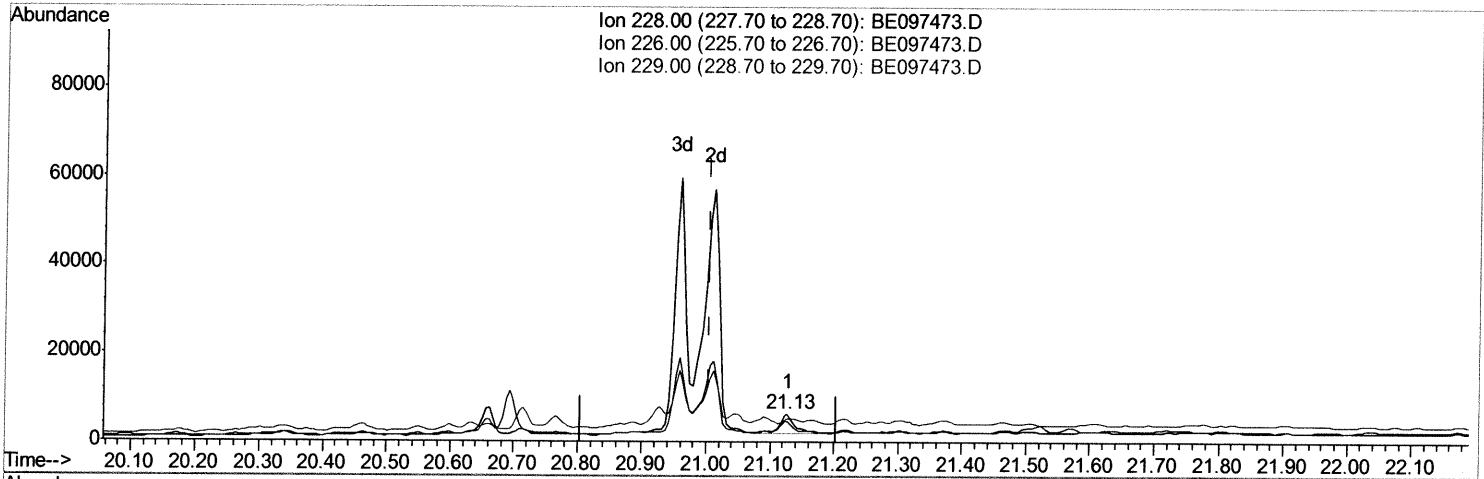
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097473.D

(19) Chrysene

21.128min (+0.123) 0.20ng/ul

response 7404

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	75.52#
229.00	22.10	82.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

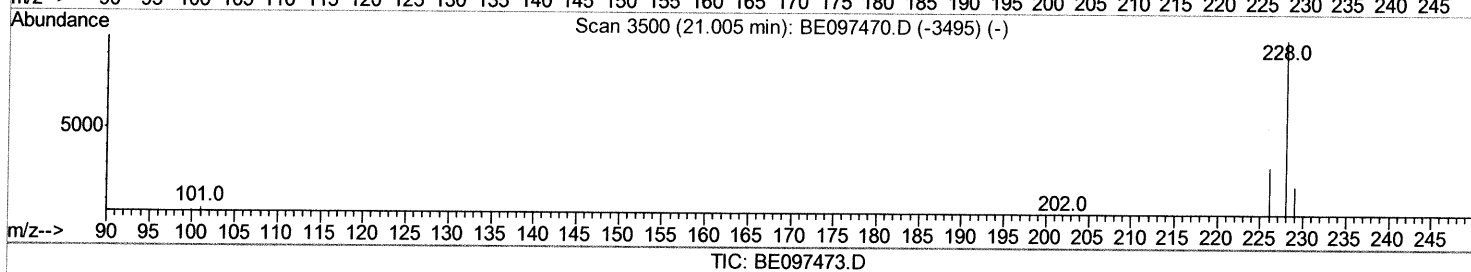
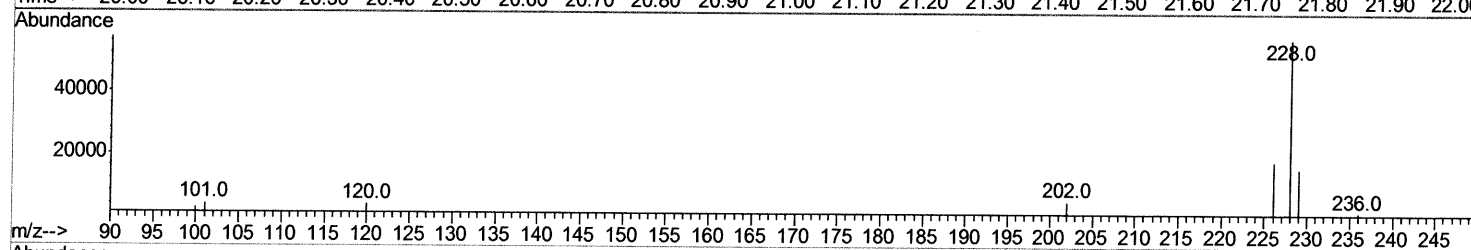
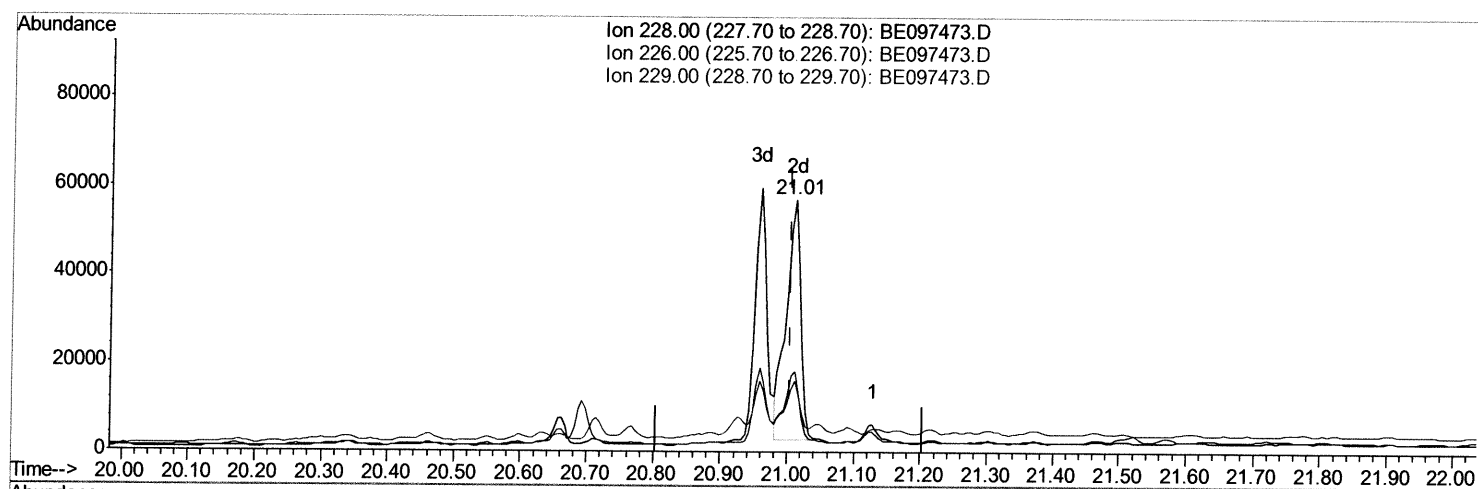
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(19) Chrysene

21.011min (+0.006) 2.20ng/ul m> SJ 9/18/18

response 82147

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	32.00
229.00	22.10	27.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

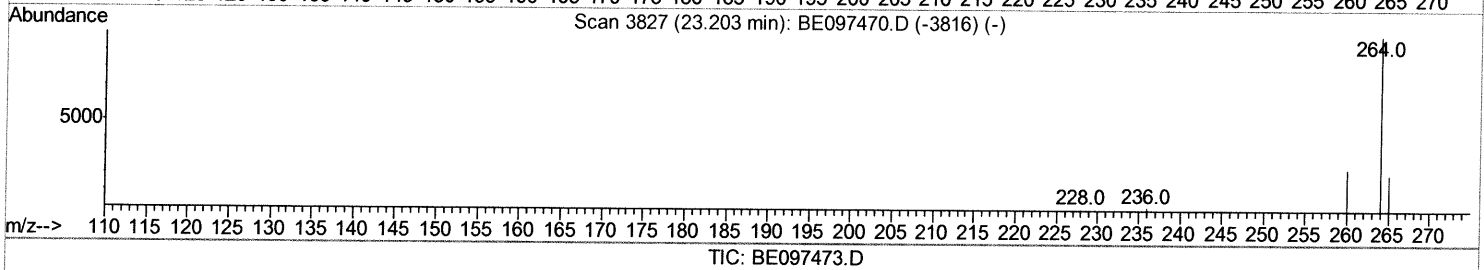
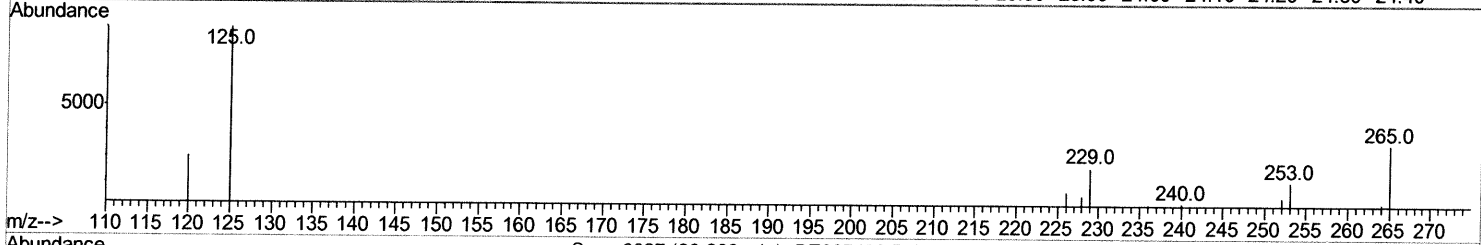
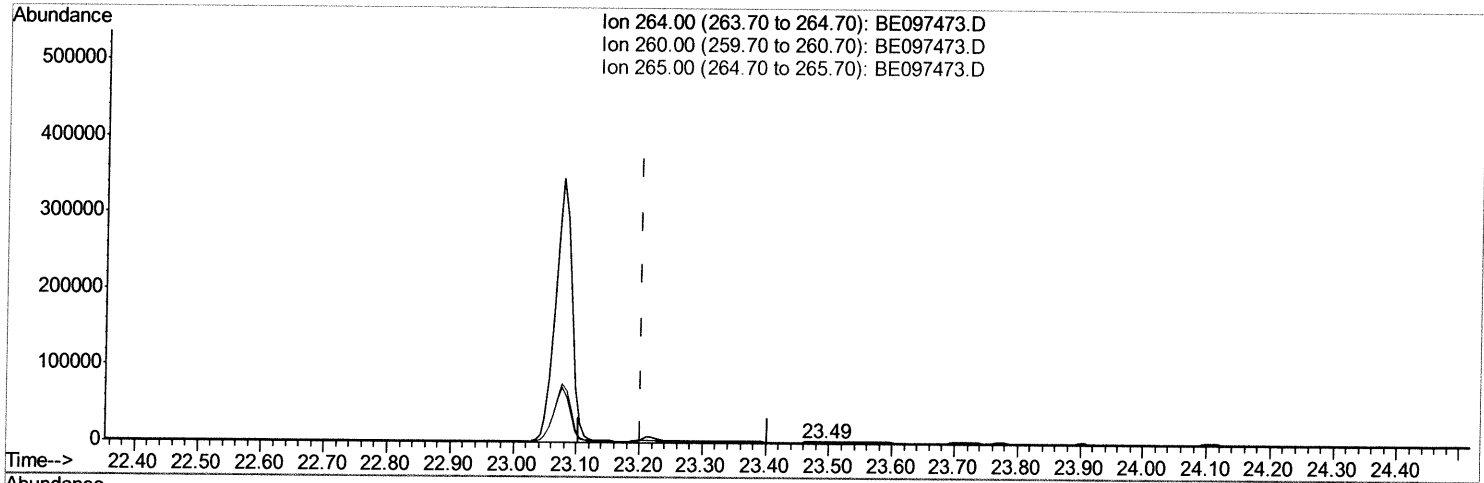
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acc On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
ClientSampleId :
 A3YX8

Manual Integrations
APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097473.D

(20) Perylene-d12 (I)
 23.492min (+0.289) 0.40ng/ul
 response 666

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	91.29#
265.00	103.50	270.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

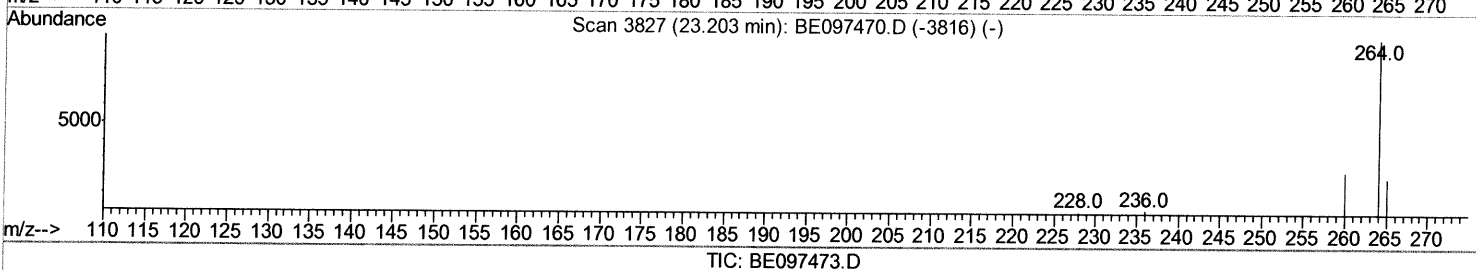
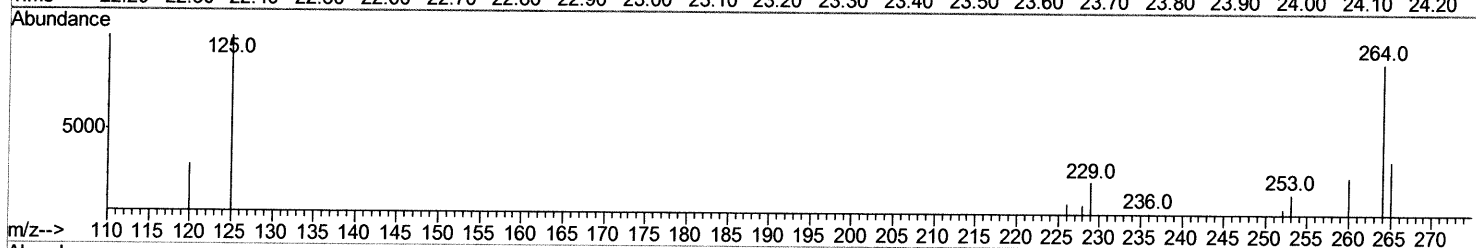
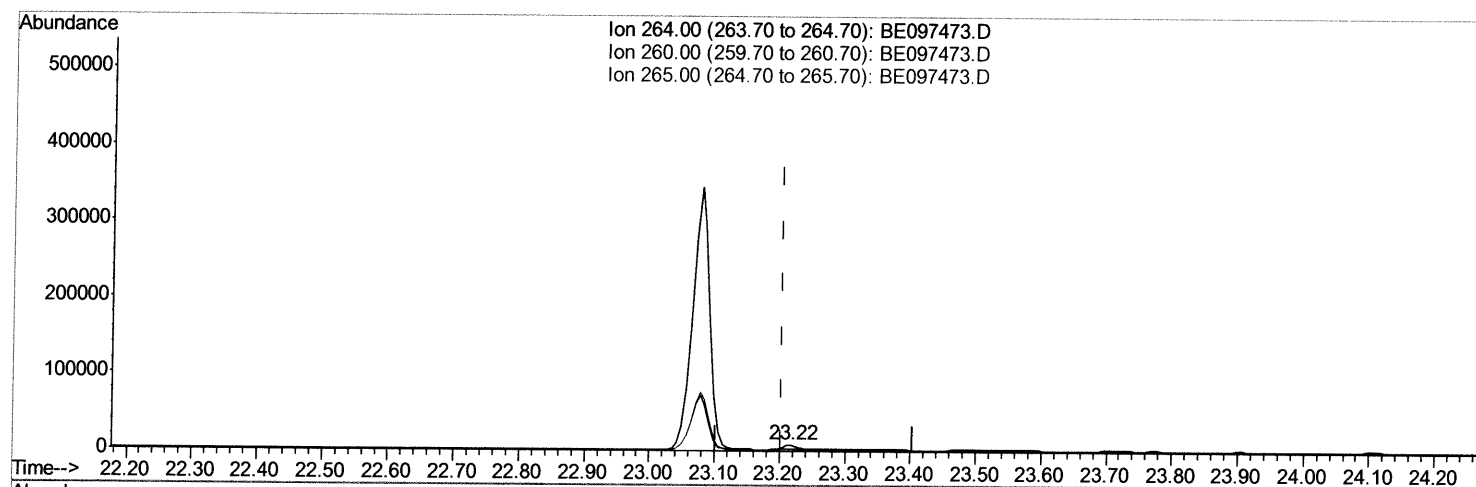
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:11:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



TIC: BE097473.D

(20) Perylene-d12 (I)

23.218min (+0.015) 0.40ng/ul m > SJ 9/14/18

response 13271

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	37.65#
265.00	103.50	46.83#
0.00	0.00	0.00

Quantitation Report (Qedit)

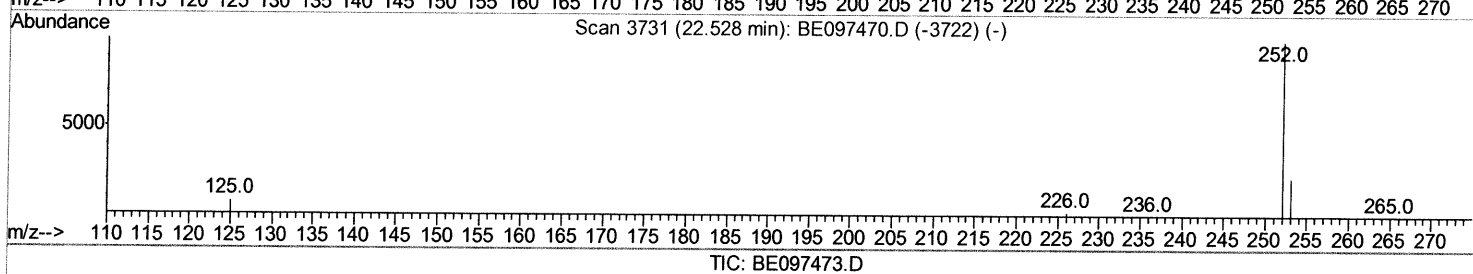
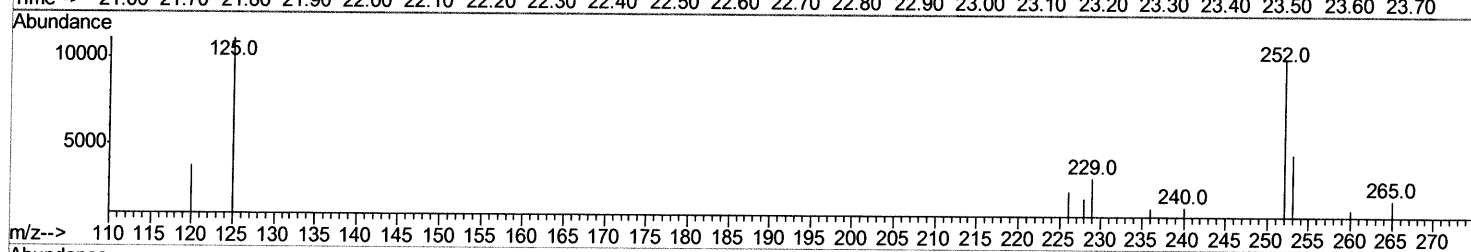
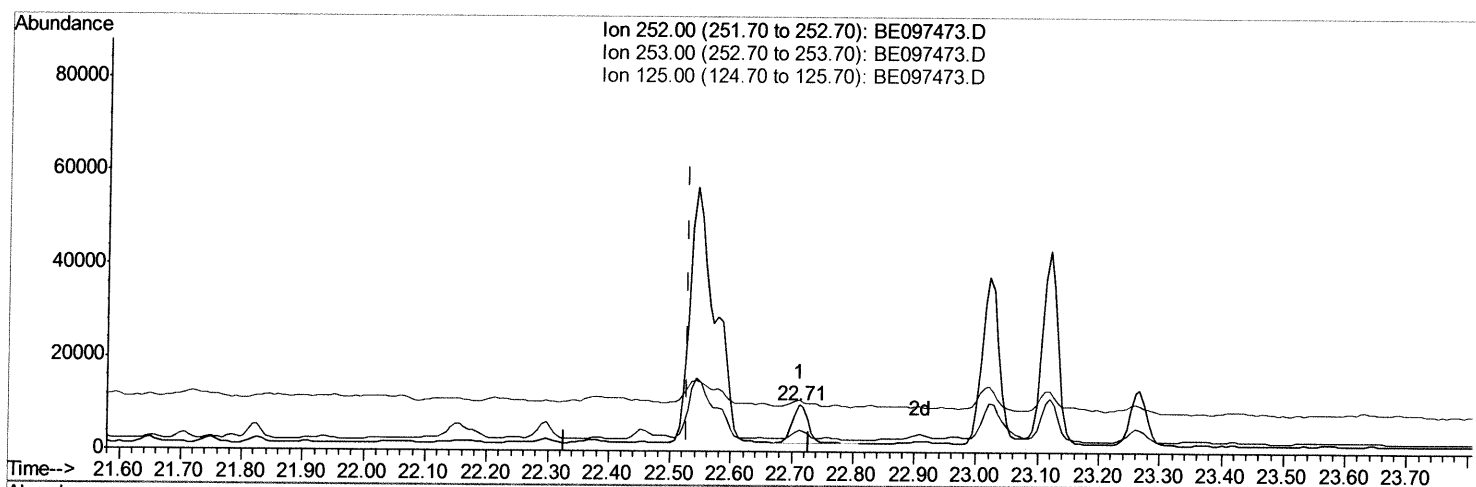
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.712min (+0.183) 0.45ng/ul

response 15919

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	45.85
125.00	17.50	110.26#
0.00	0.00	0.00

Quantitation Report (Qedit)

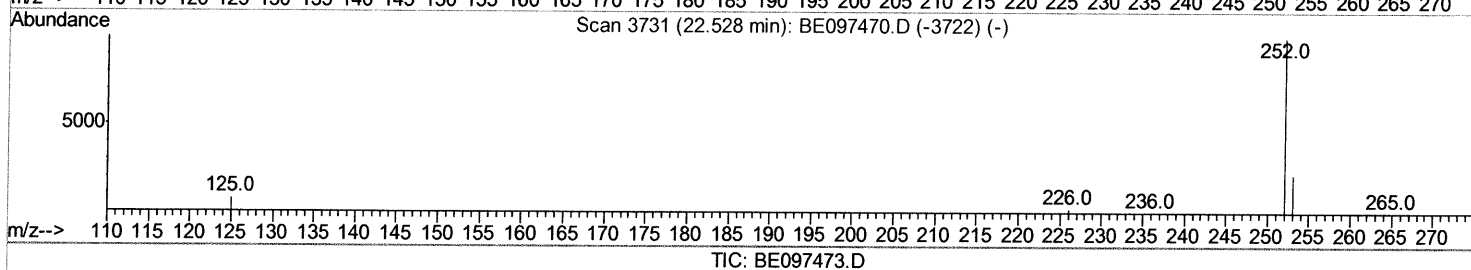
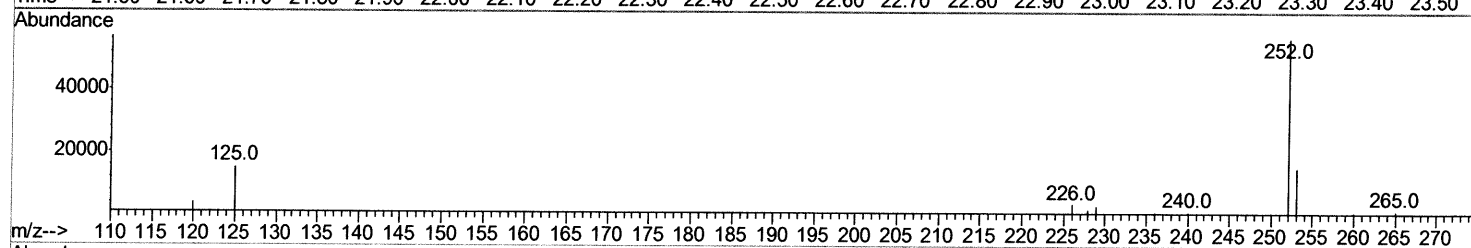
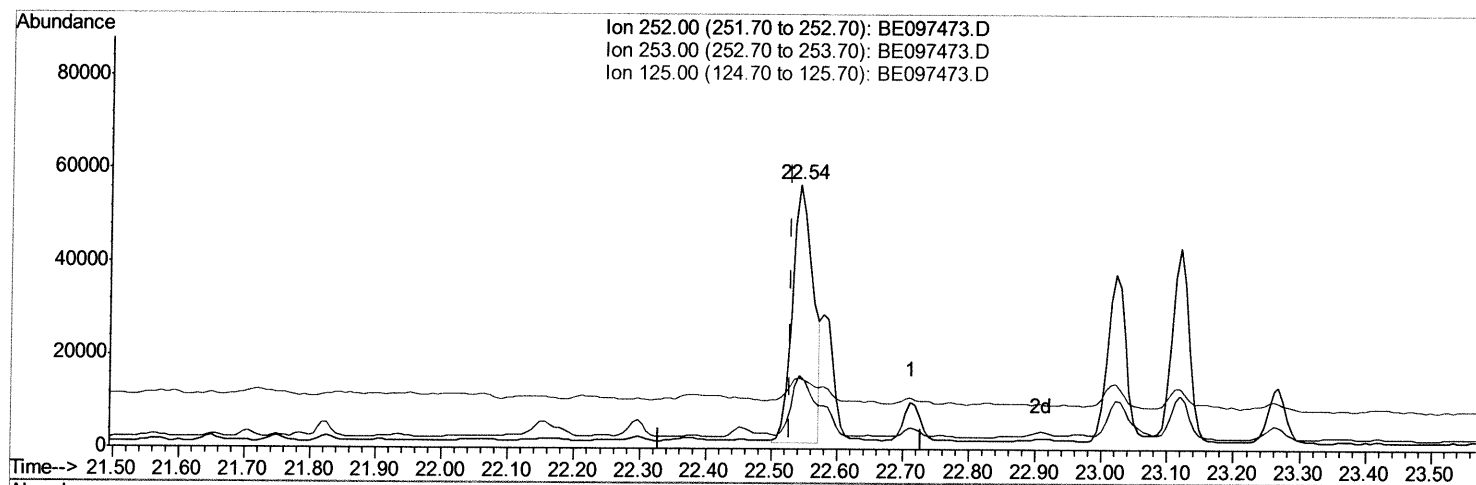
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.543min (+0.015) 3.43ng/ul m) SJ 9/18/18

response 122049

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	27.72
125.00	17.50	26.95
0.00	0.00	0.00

Quantitation Report (Qedit)

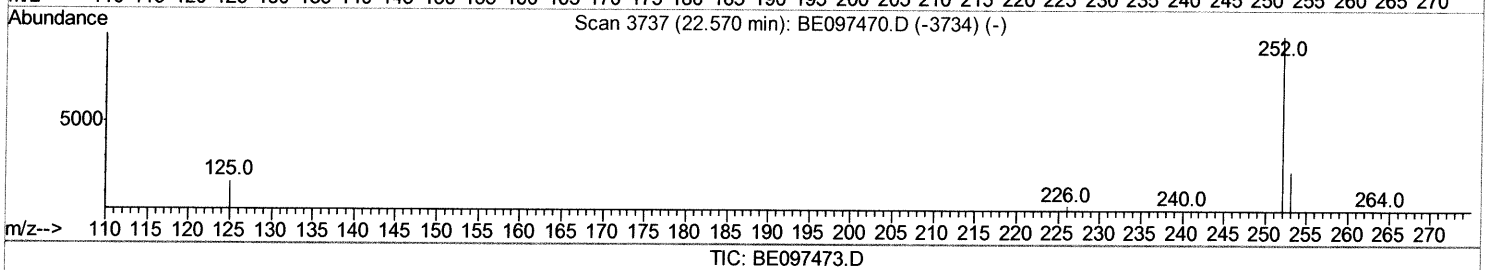
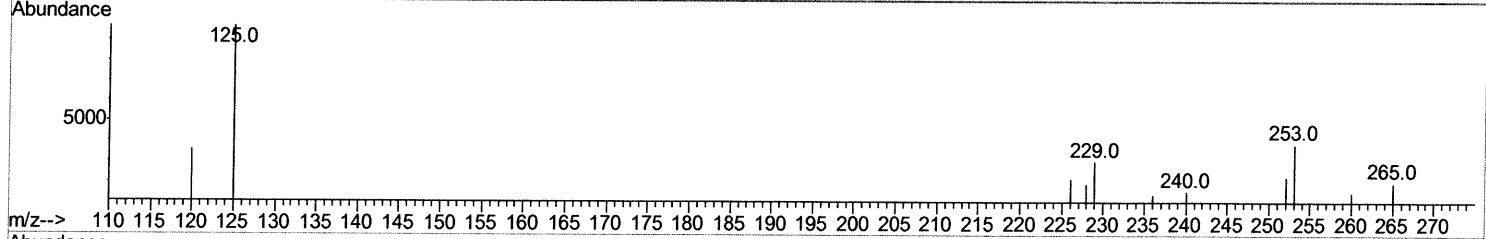
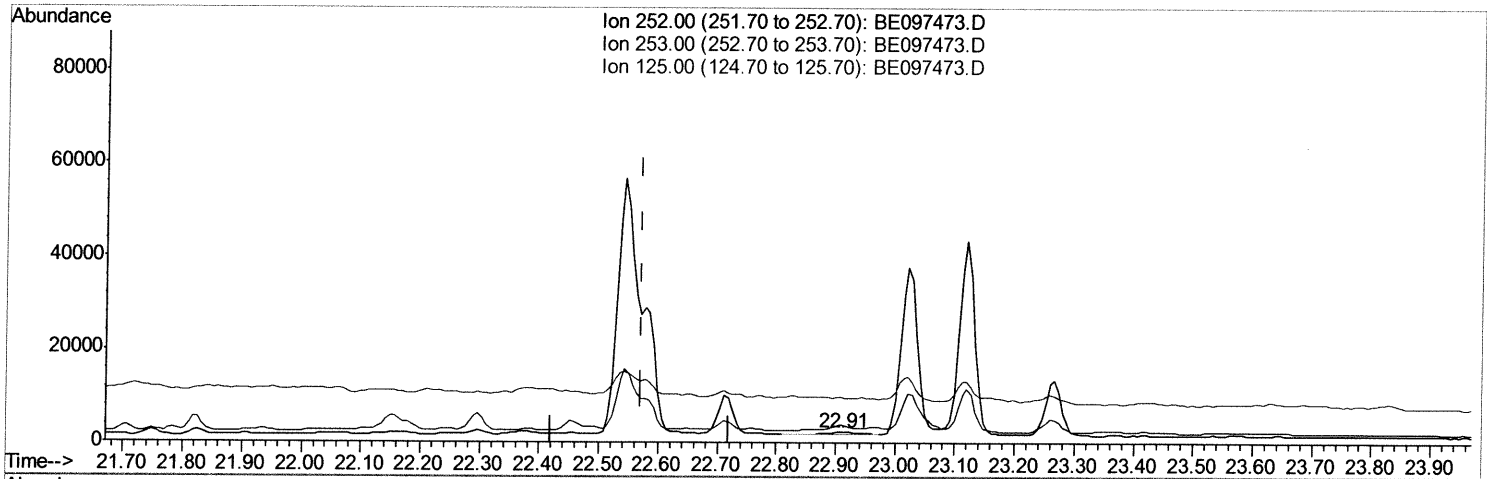
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.908min (+0.338) 0.07ng/ul
 response 2662

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	169.92#
125.00	17.10	424.70#
0.00	0.00	0.00

Quantitation Report (Qedit)

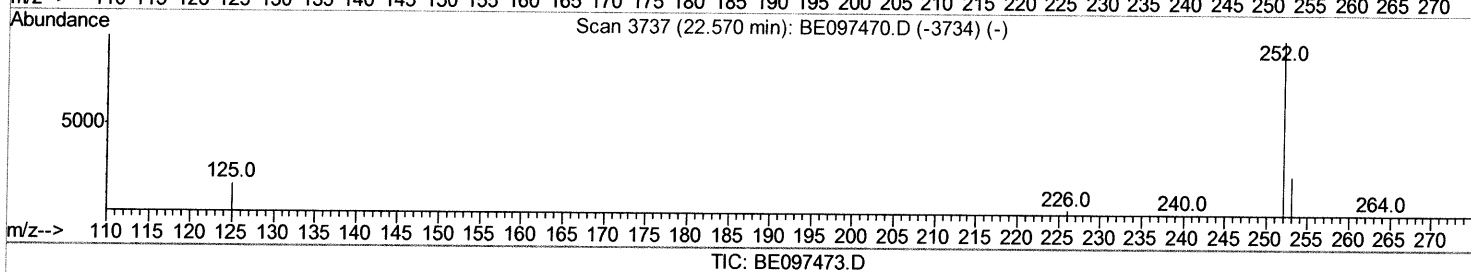
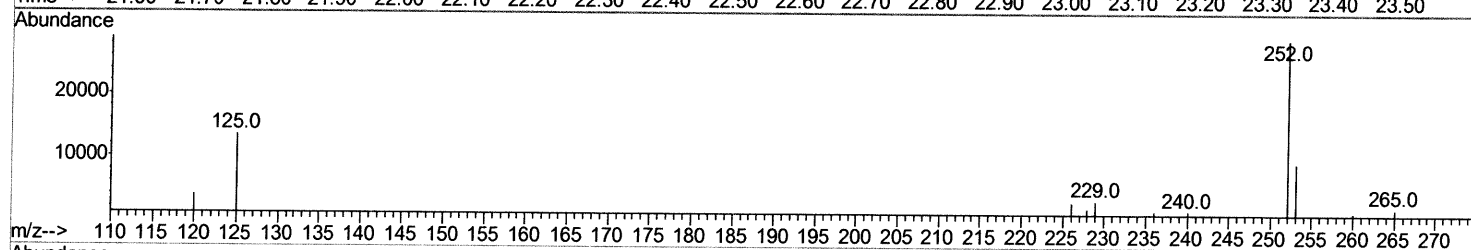
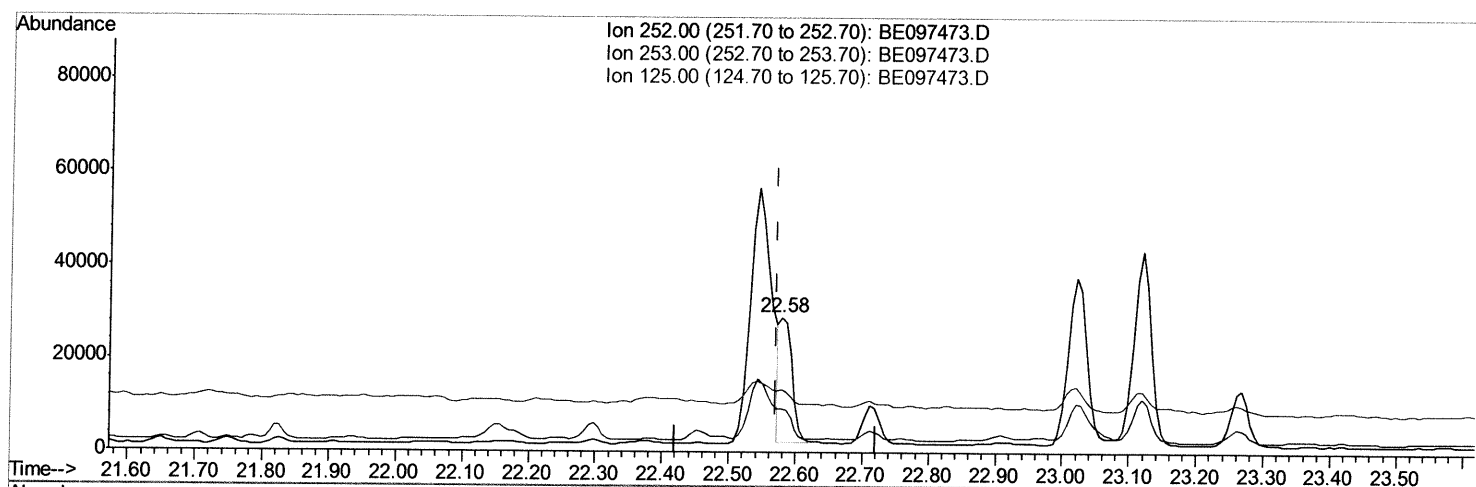
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.578min (+0.007) 0.88ng/ul m > 50 9/14/18

response 35051

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.02
125.00	17.10	46.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

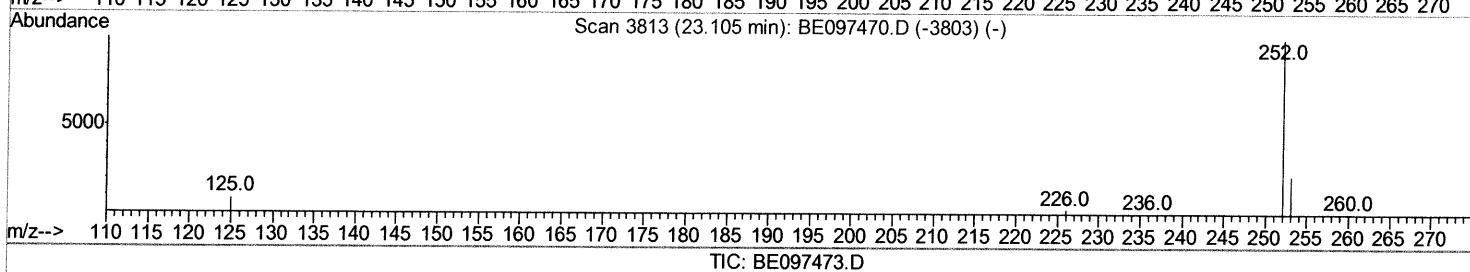
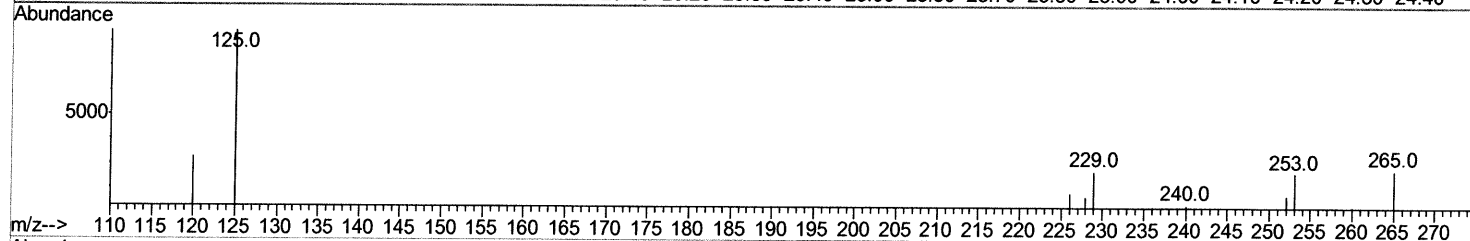
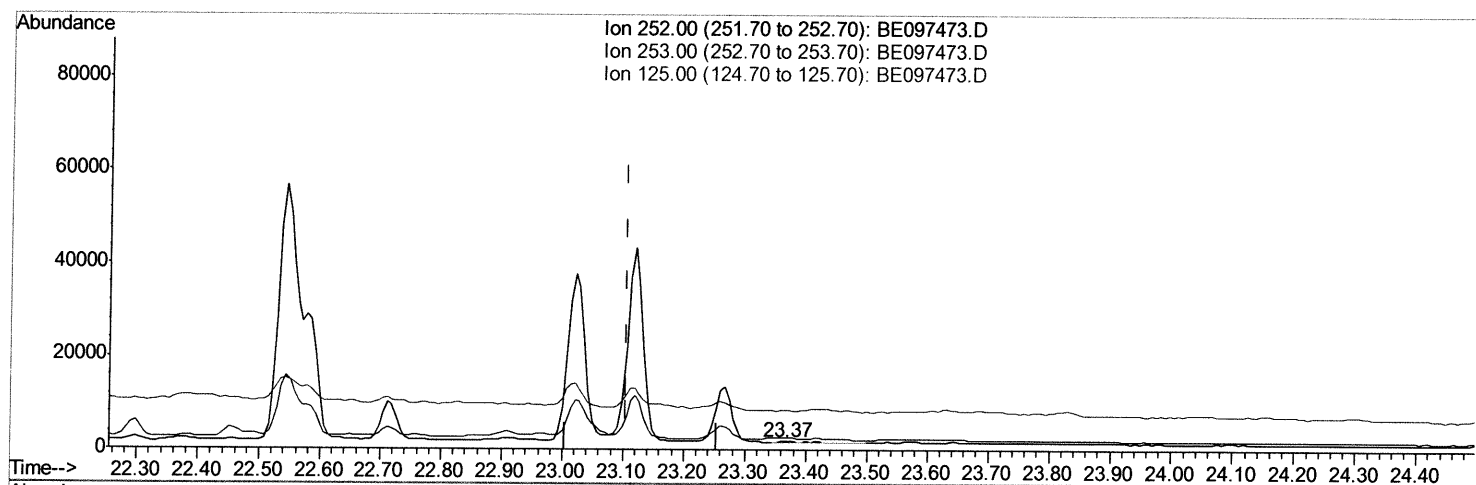
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097473.D

(23) Benzo(a)pyrene (C)
 23.365min (+0.261) 0.04ng/ul
 response 1383

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	150.62#
125.00	22.60	472.23#
0.00	0.00	0.00

Quantitation Report (Qedit)

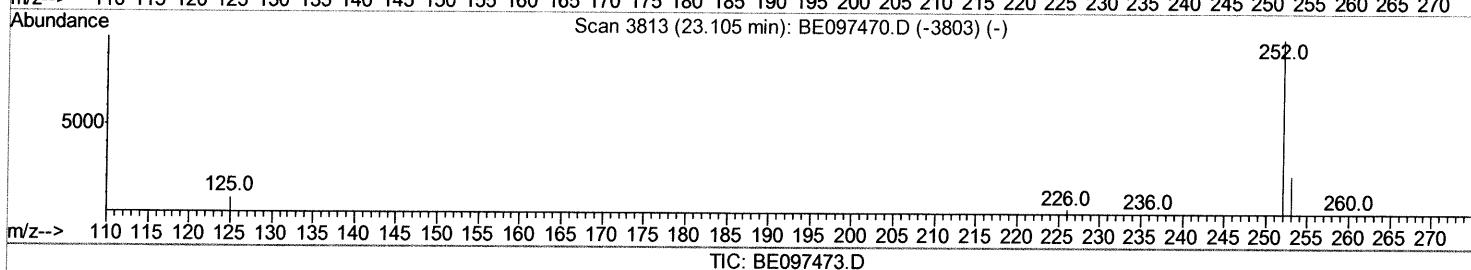
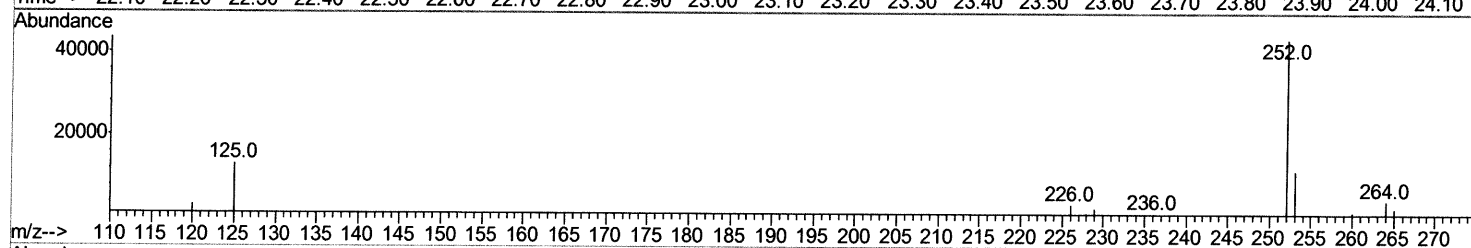
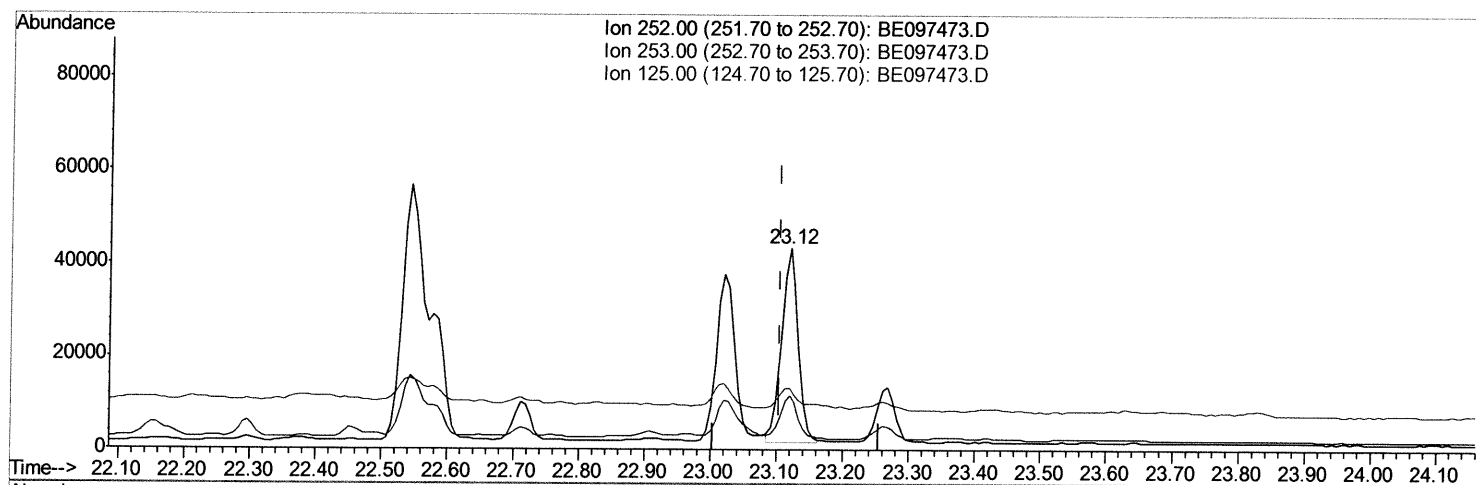
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.119min (+0.015) 2.25ng/ul m > SJ 9/15/18

response 74059

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	27.04#
125.00	22.60	30.31#
0.00	0.00	0.00

Quantitation Report (Qedit)

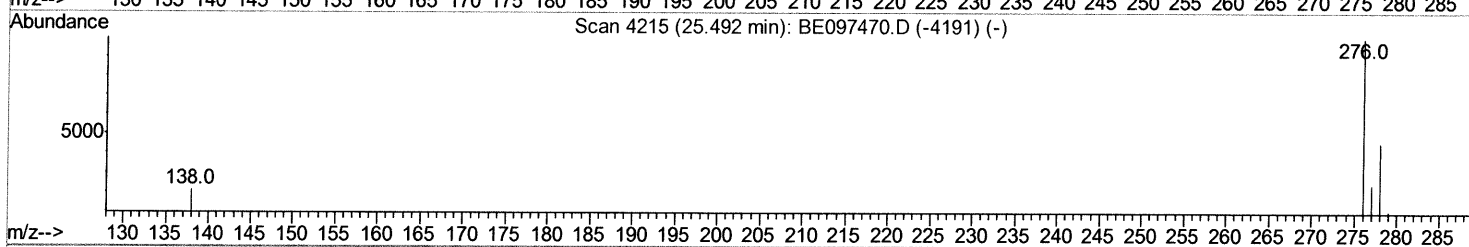
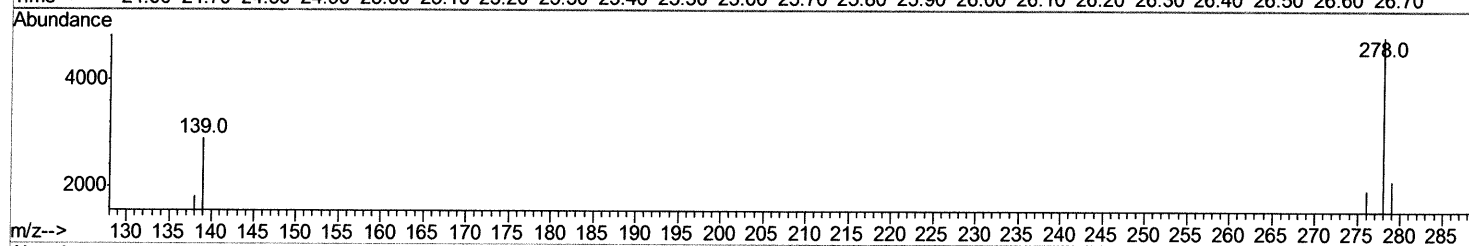
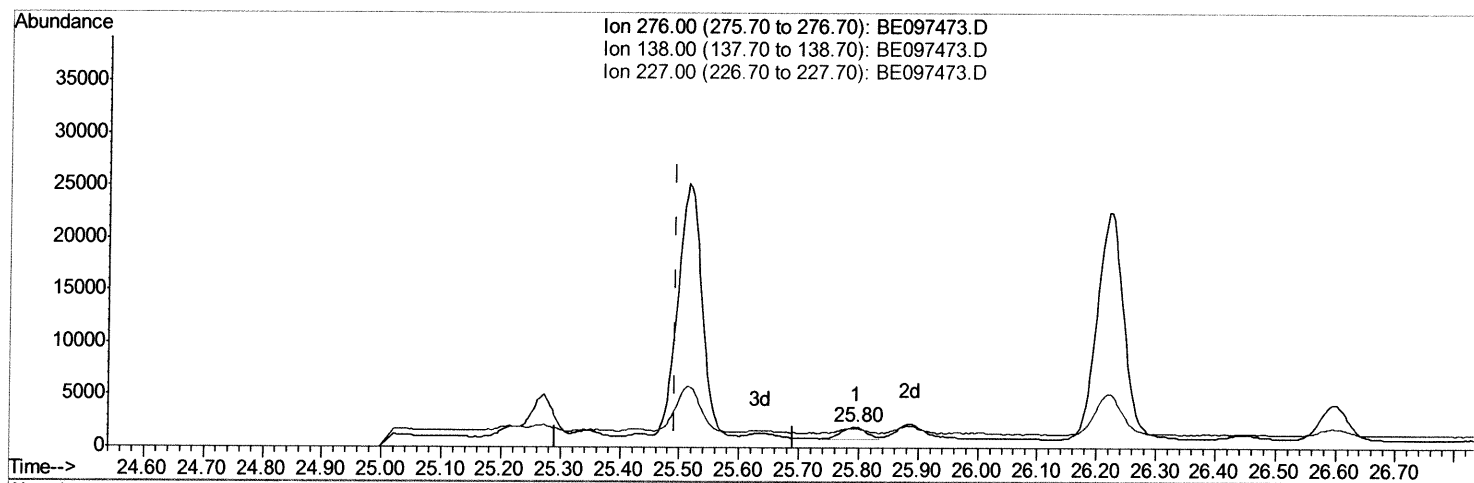
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



TIC: BE097473.D

(24) Indeno(1,2,3-cd)pyrene

25.796min (+0.304) 0.08ng/ul

response 3244

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	36.31
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

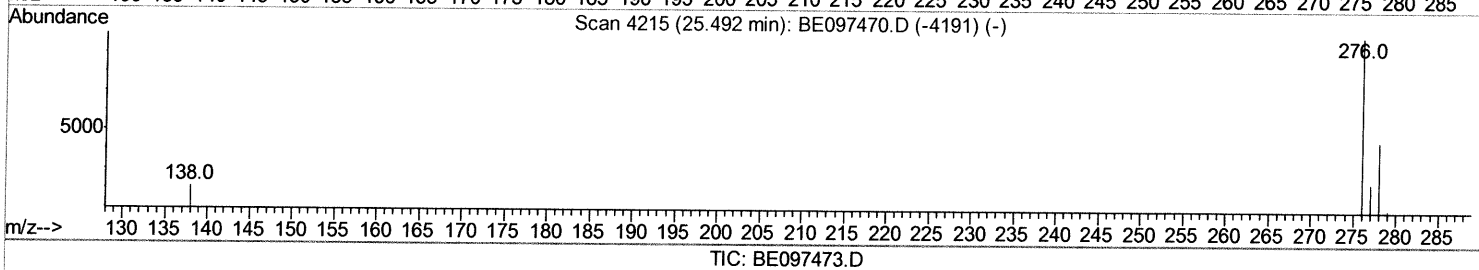
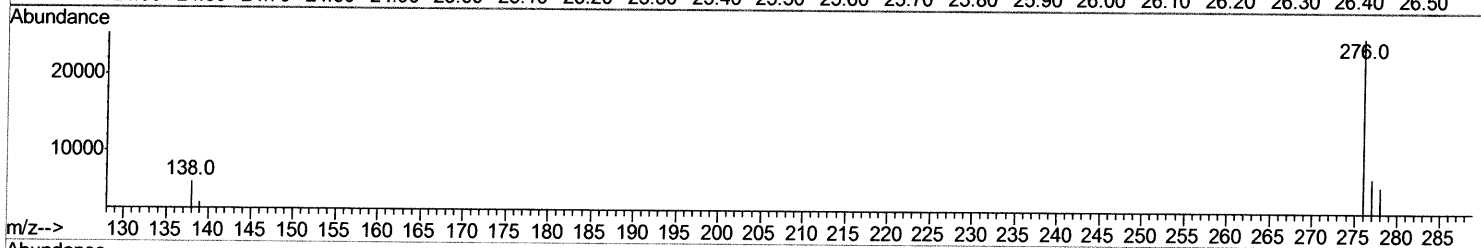
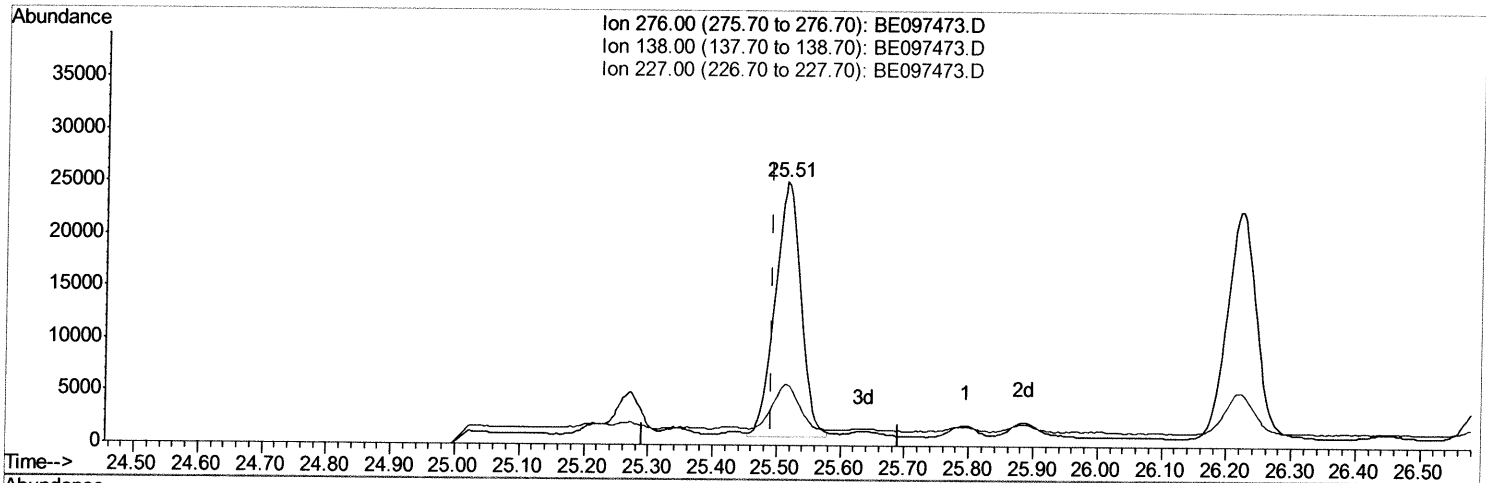
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(24) Indeno(1,2,3-cd)pyrene

25.514min (+0.023) 1.61ng/ul m> SJ 9/18/18

response 68621

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.72#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

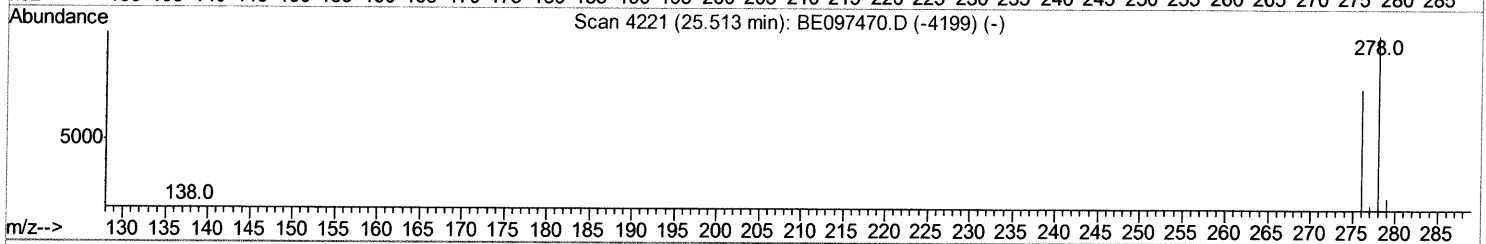
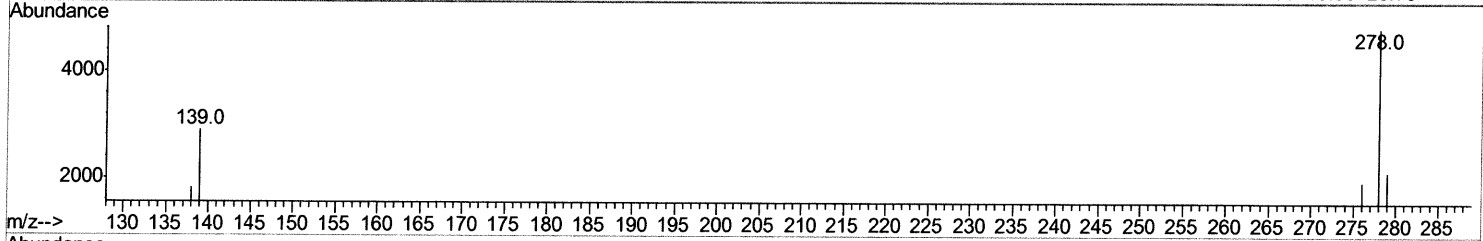
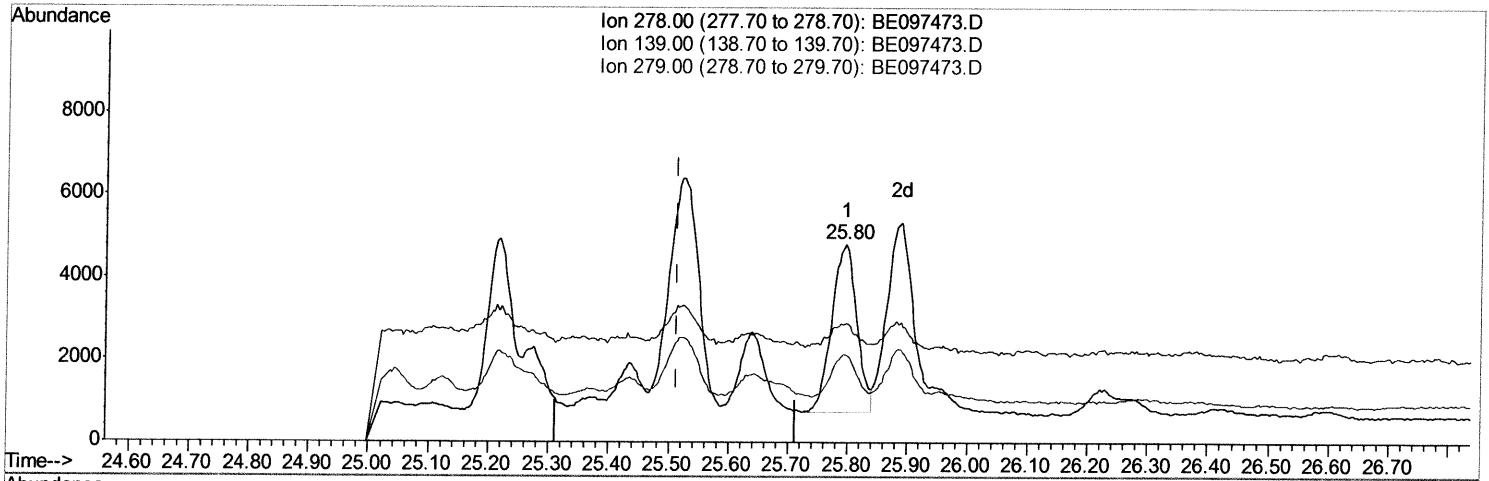
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097473.D

(25) Dibenzo(a,h)anthracene

25.796min (+0.283) 0.33ng/ul

response 11918

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	59.93#
279.00	32.40	44.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

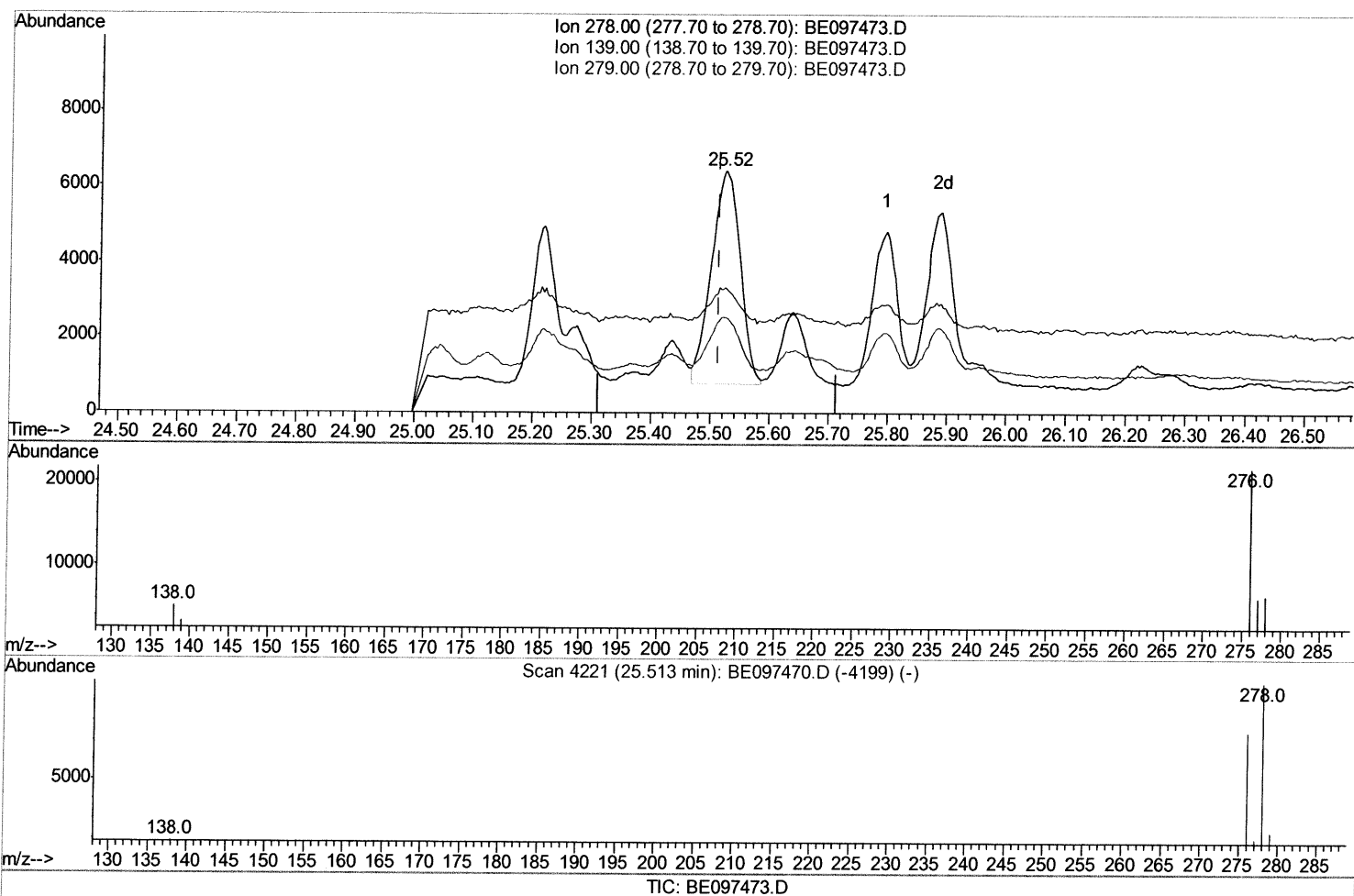
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097473.D
Acq On : 13 Sep 2018 4:54
Operator : SJ/JU
Sample : J4792-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
A3YX8

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.525min (+0.012) 0.53ng/ul m

response 19207

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	51.88#
279.00	32.40	39.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

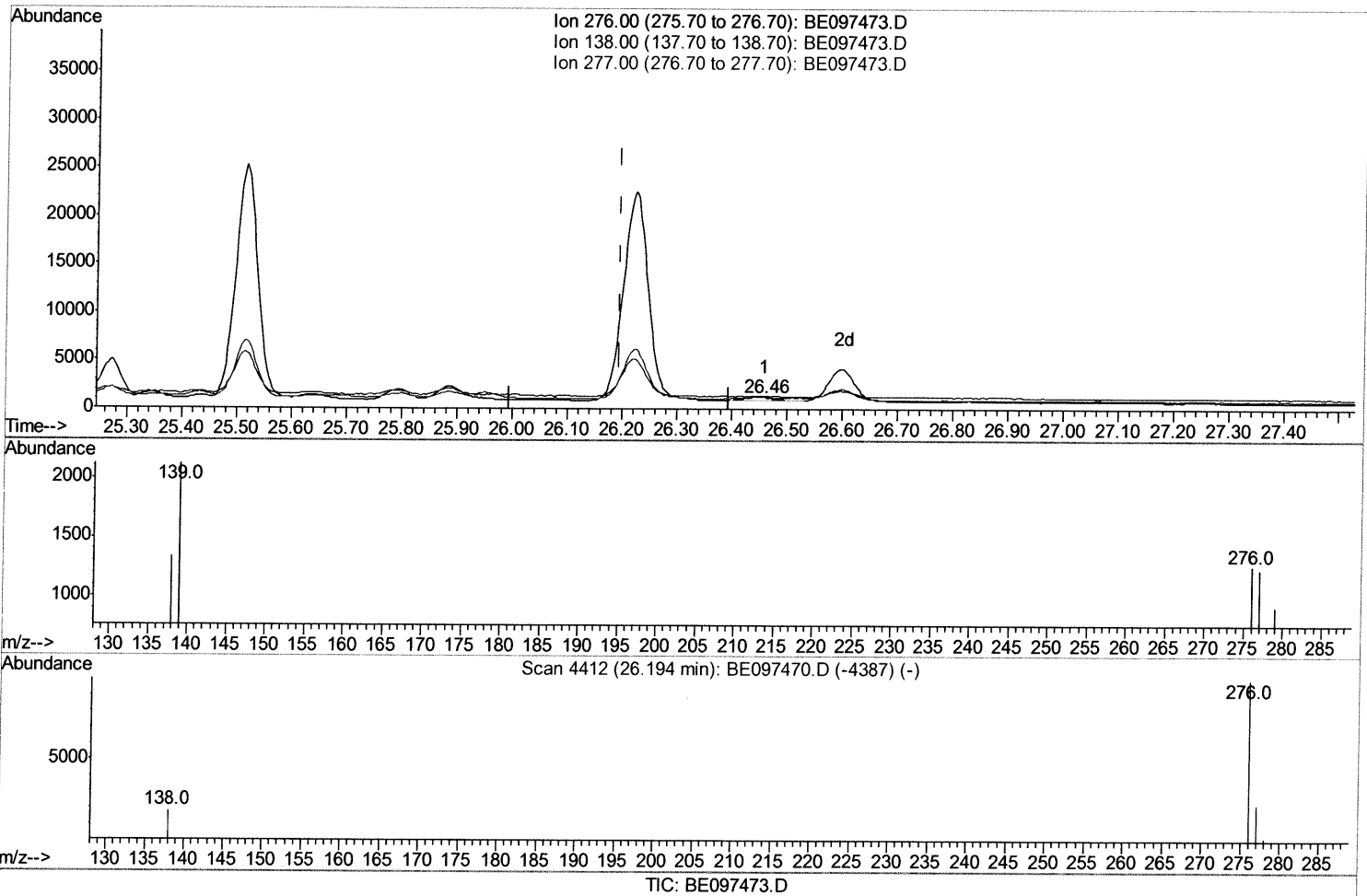
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene
 26.459min (+0.265) 0.04ng/ul
 response 1278

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	106.27#
277.00	25.60	97.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

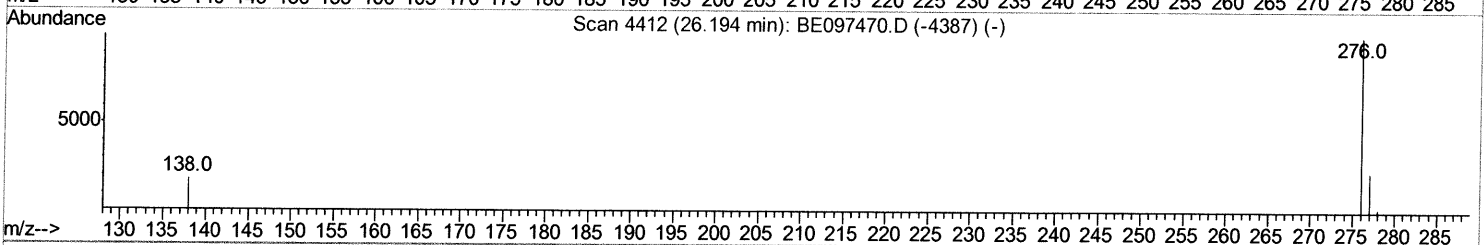
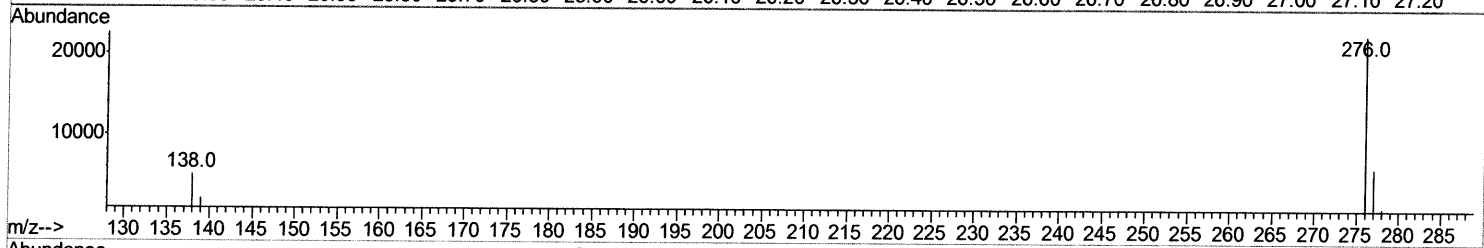
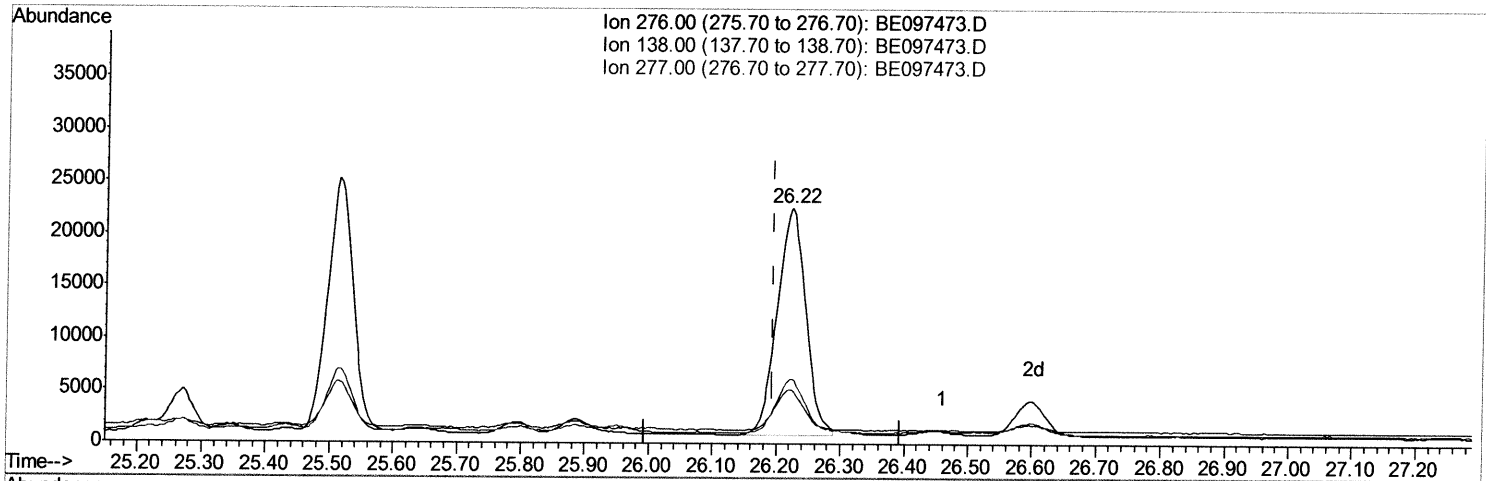
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration



TIC: BE097473.D

(26) Benzo(g,h,i)perylene

26.224min (+0.030) 1.88ng/ul m> SJ 9/18/18

response 68272

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	22.81
277.00	25.60	27.39
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097473.D
 Acq On : 13 Sep 2018 4:54
 Operator : SJ/JU
 Sample : J4792-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3YX8

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:41 PM

Quant Time: Sep 13 08:13:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 13 07:48:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1182	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6755	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4819	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	12227m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12617m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13271m	0.40	ng/ul	0.01

SJ 9/18/18

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	11.72	152	2500	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	8685m	0.22	ng/ul	0.00

SJ 9/18/18

Target Compounds

					Ovalue	
3) Naphthalene	10.17	128	4935	0.300	ng/ul#	94
5) 2-Methylnaphthalene	11.79	142	2469	0.237	ng/ul	96
7) Acenaphthylene	13.73	152	5988	0.341	ng/ul	98
8) Acenaphthene	14.07	153	3452	0.229	ng/ul	96
9) Fluorene	15.07	166	3405	0.197	ng/ul	92
12) Phenanthrene	16.80	178	58020m	1.843	ng/ul	
13) Anthracene	16.89	178	12043m	0.455	ng/ul	
15) Fluoranthene	18.84	202	122567m	3.031	ng/ul	
17) Pyrene	19.20	202	127197m	3.746	ng/ul	
18) Benzo(a)anthracene	20.96	228	69391m	2.141	ng/ul	
19) Chrysene	21.01	228	82147m	2.200	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	122049m	3.434	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	35051m	0.884	ng/ul	
23) Benzo(a)pyrene	23.12	252	74059m	2.252	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	68621m	1.610	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	19207m	0.532	ng/ul	
26) Benzo(a,h,i)perylene	26.22	276	68272m	1.879	ng/ul	

SJ 9/18/18

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