

```

Data File   : BE093263.D
Acq On      : 19 Jun 2017  22:50
Operator    : SJ/MA
Sample      : I3600-08
Misc        :
ALS Vial    : 21      Sample Multip

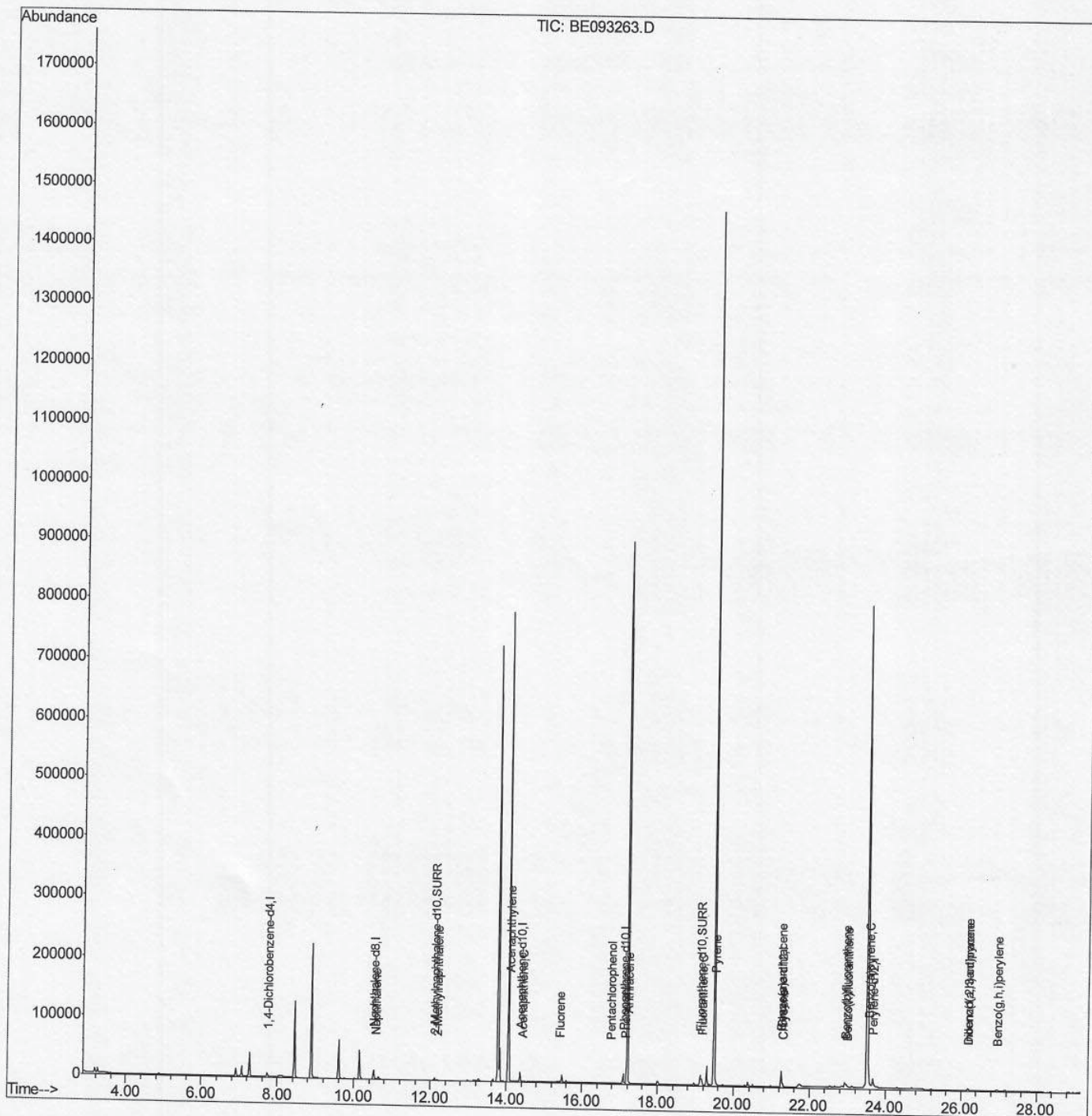
```

Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations
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6/20/2017 4:31:39 PM

Quant Time: Jun 20 15:23:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 08:49:11 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

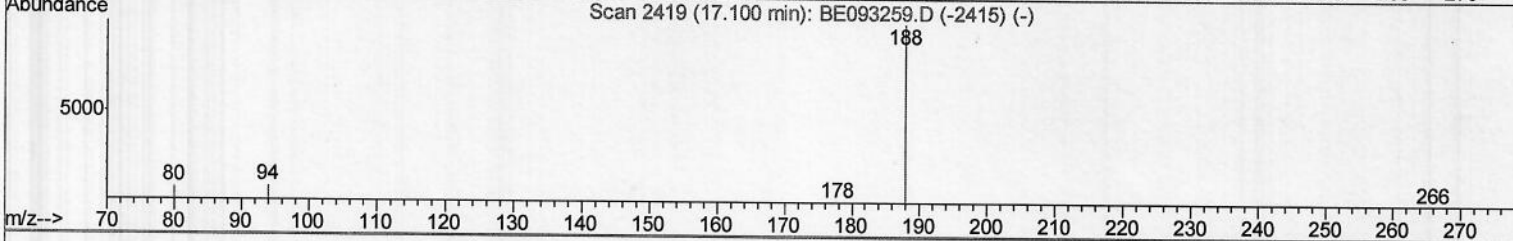
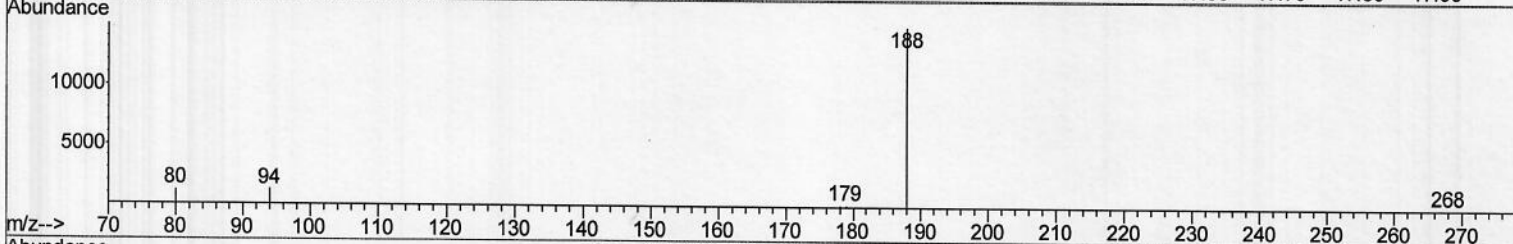
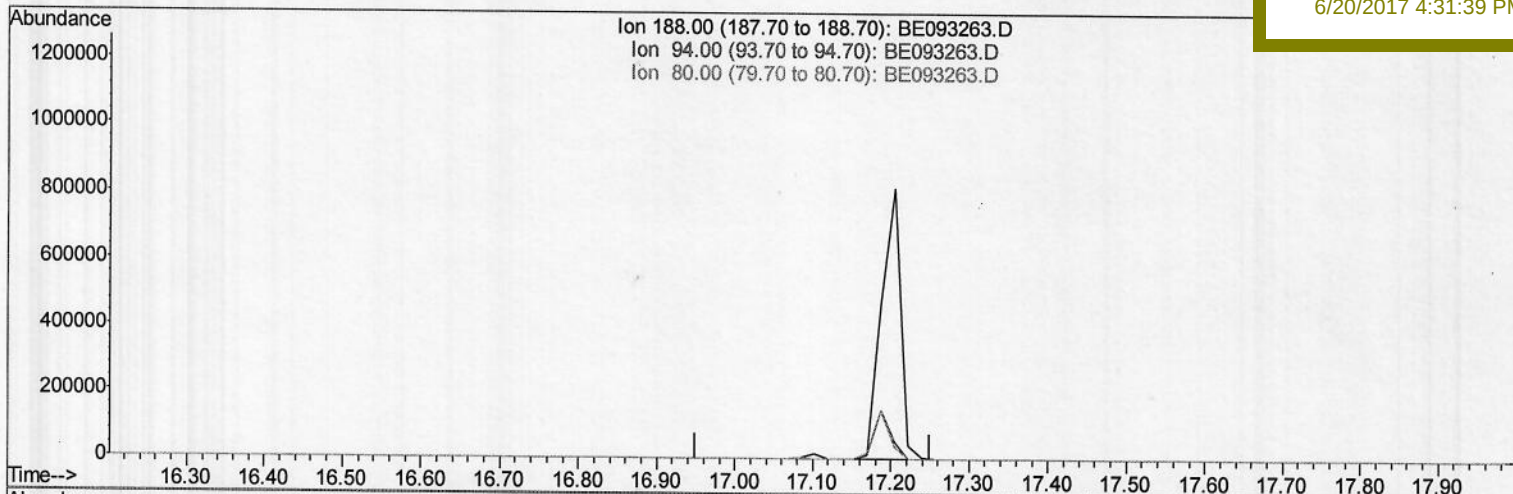
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 08:50:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

(10) Phenanthrene-d10 (I)

17.100min (-17.100) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

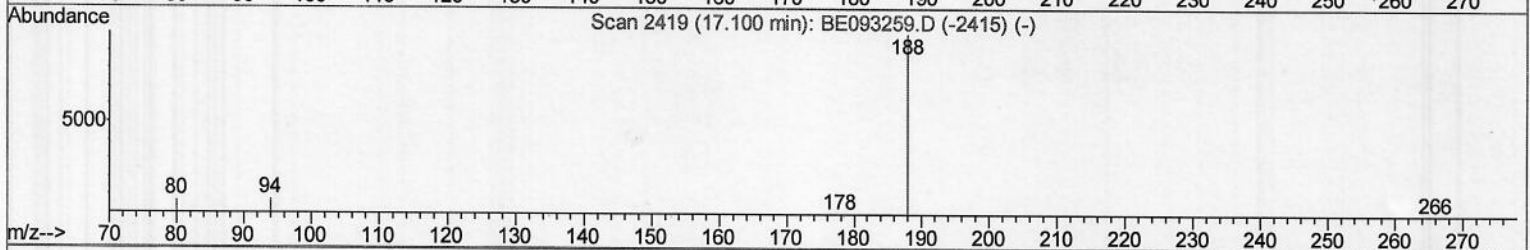
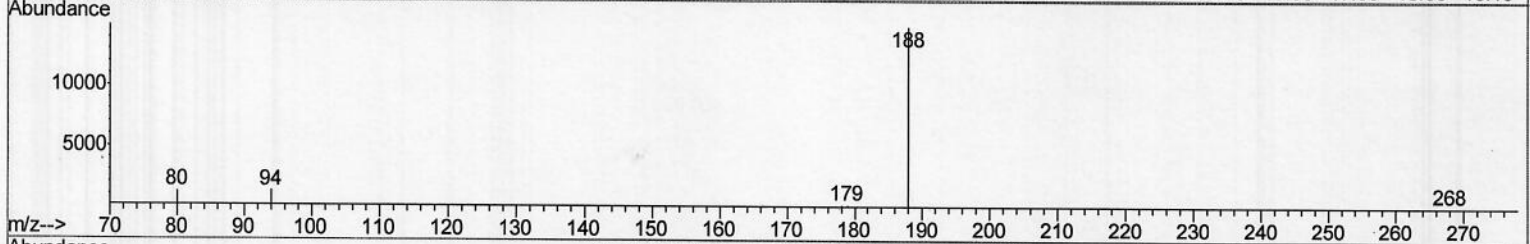
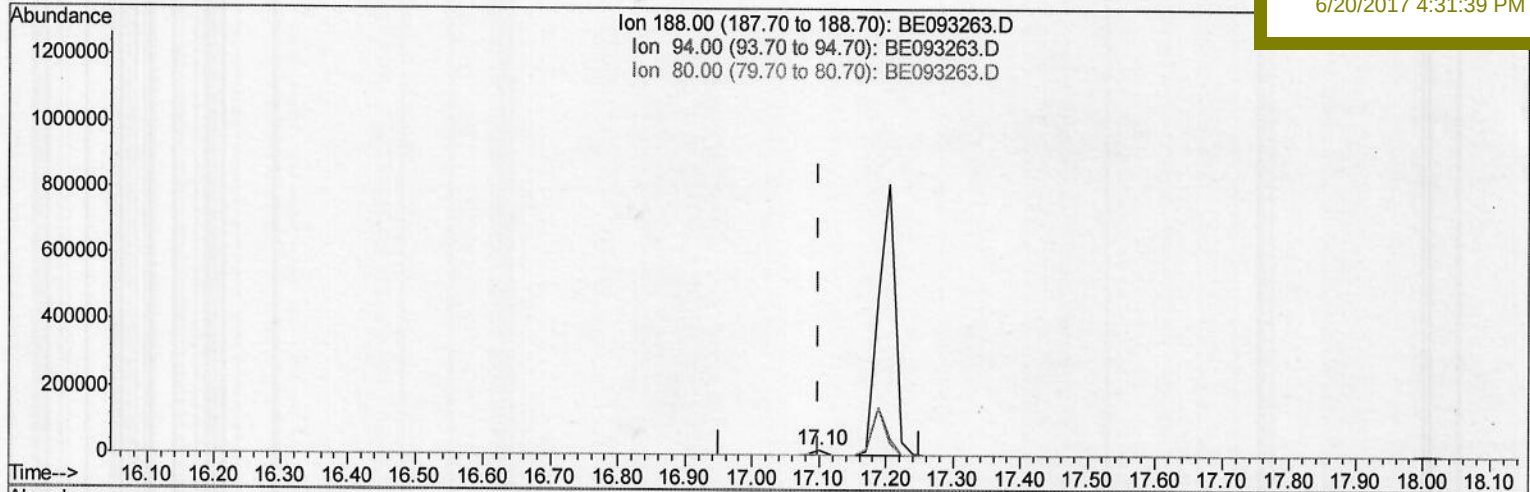
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
ClientSampleId :
 F5A16

Quant Time: Jun 20 08:50:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Manual Integrations
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TIC: BE093263.D

(10) Phenanthrene-d10 (I)

17.101min (+0.001) 0.40ng/ul m

response 21901

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.52#
80.00	11.80	8.05#
0.00	0.00	0.00

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Quantitation Report (Qedit)

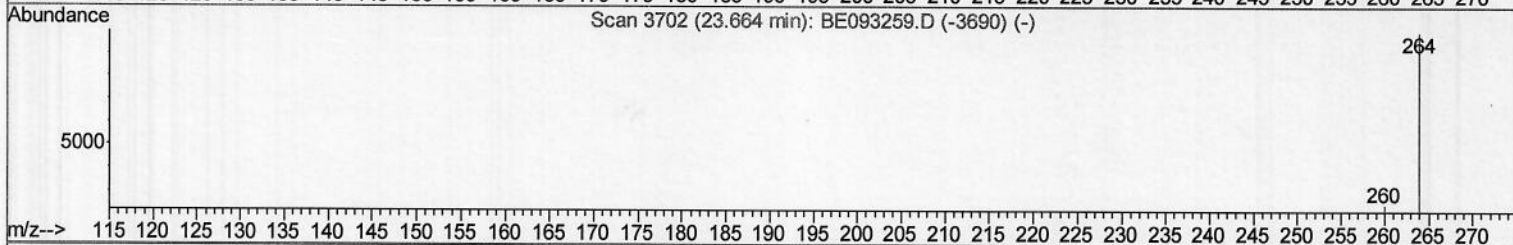
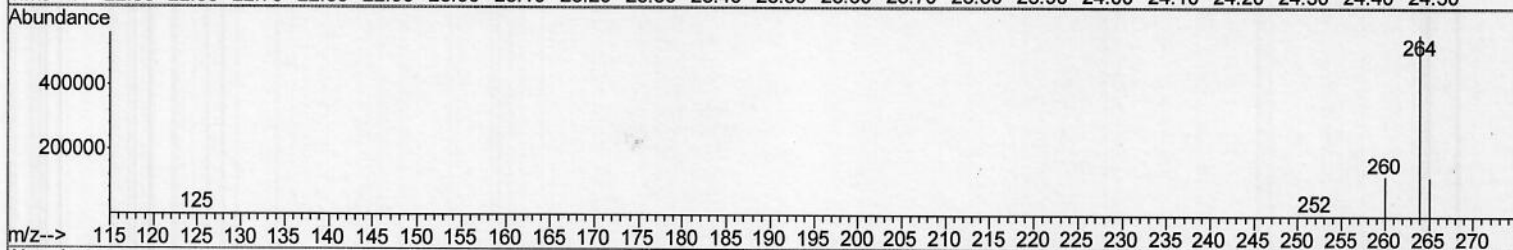
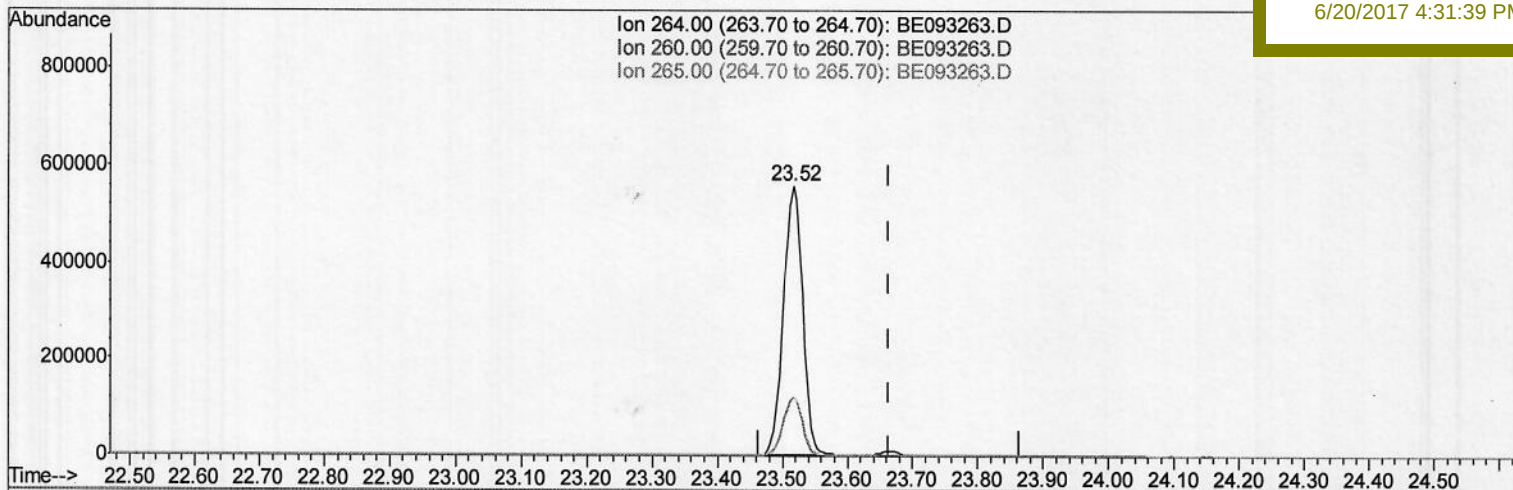
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 08:50:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

(20) Perylene-d12 (I)
 23.517min (-0.147) 0.40ng/ul
 response 1156209

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.89#
265.00	103.50	21.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

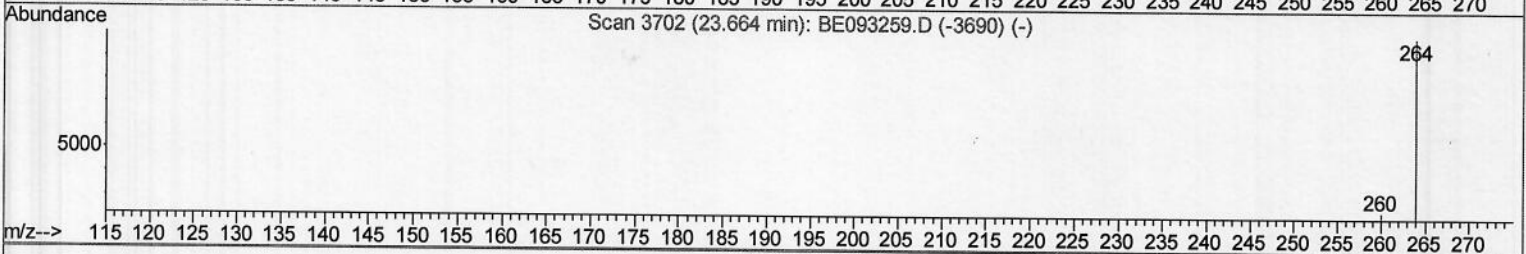
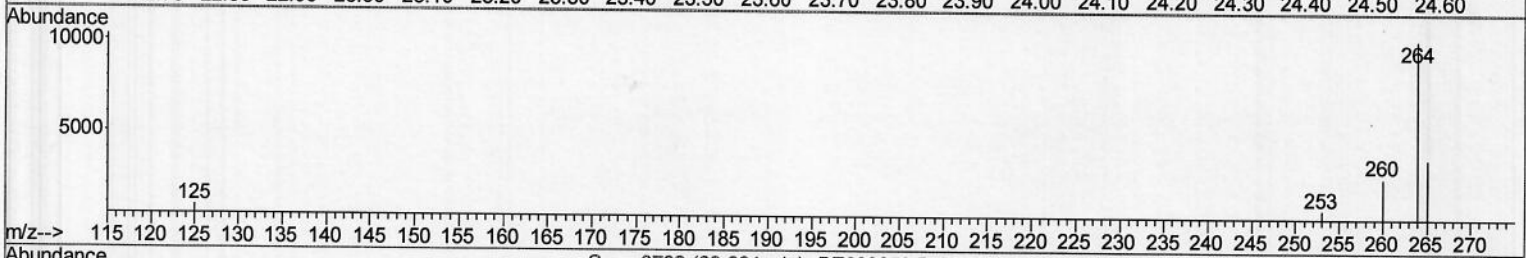
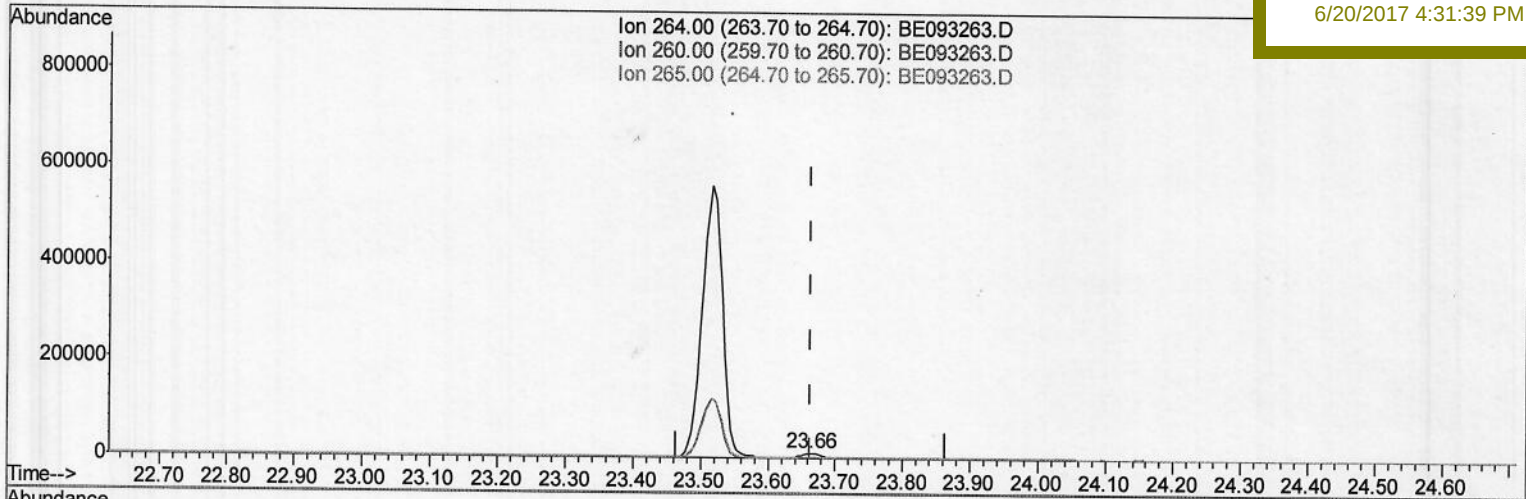
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 08:50:04 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

(20) Perylene-d12 (I)

23.663min (-0.002) 0.40ng/ul m

response 17203

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.48
265.00	103.50	36.06#
0.00	0.00	0.00

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Quantitation Report (Qedit)

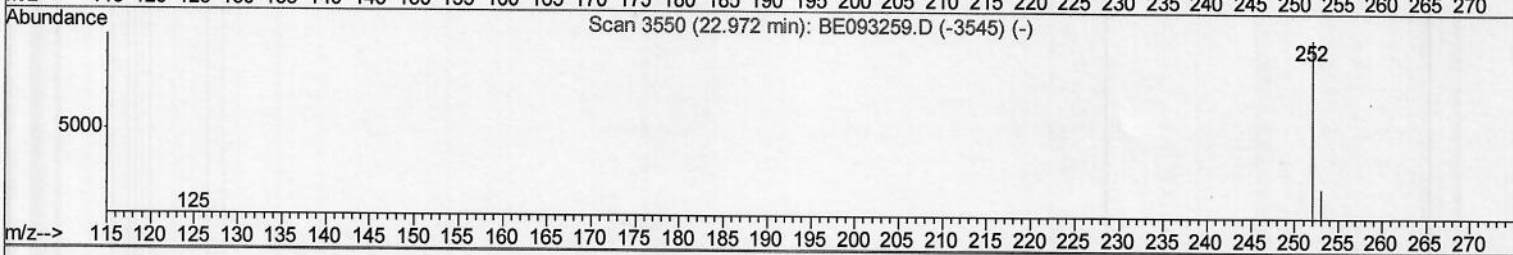
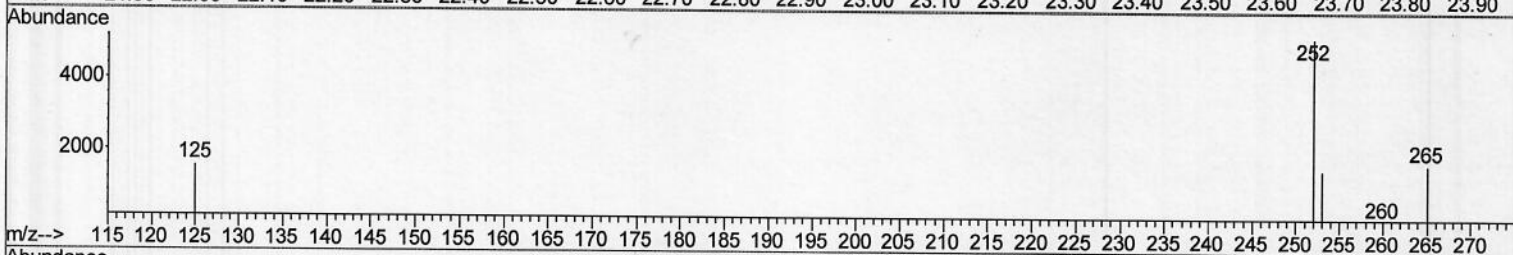
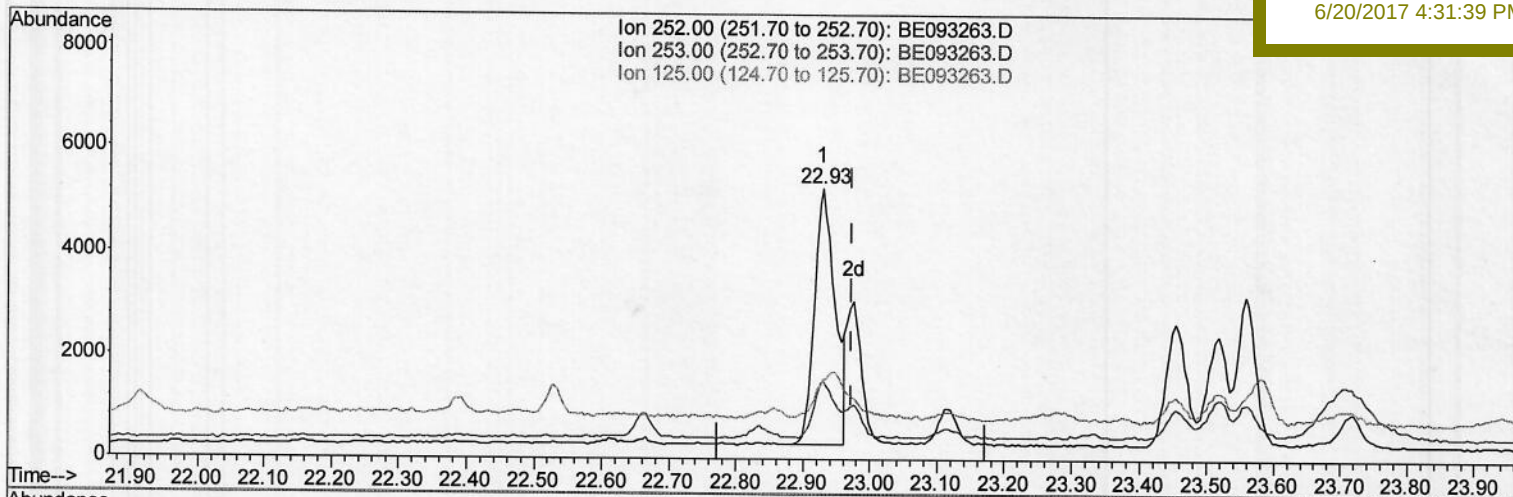
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 09:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

(22) Benzo(k)fluoranthene

22.930min (-0.043) 0.20ng/ul

response 10959

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.02
125.00	17.10	29.66#
0.00	0.00	0.00

Quantitation Report (Qedit)

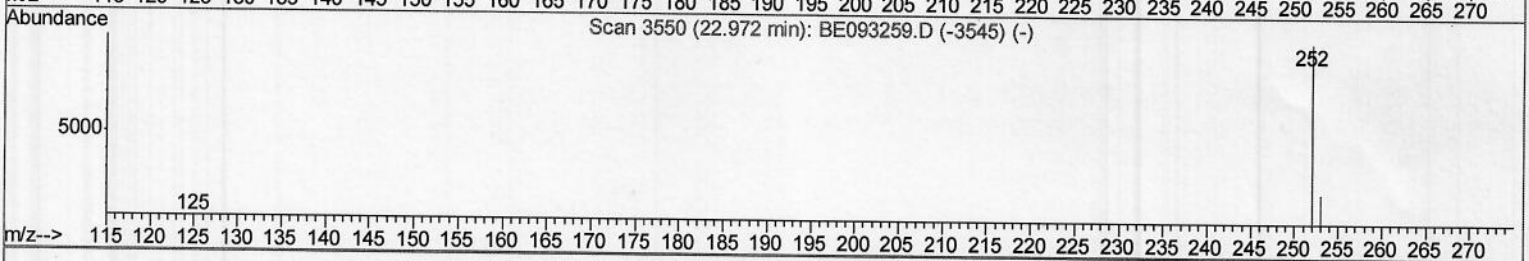
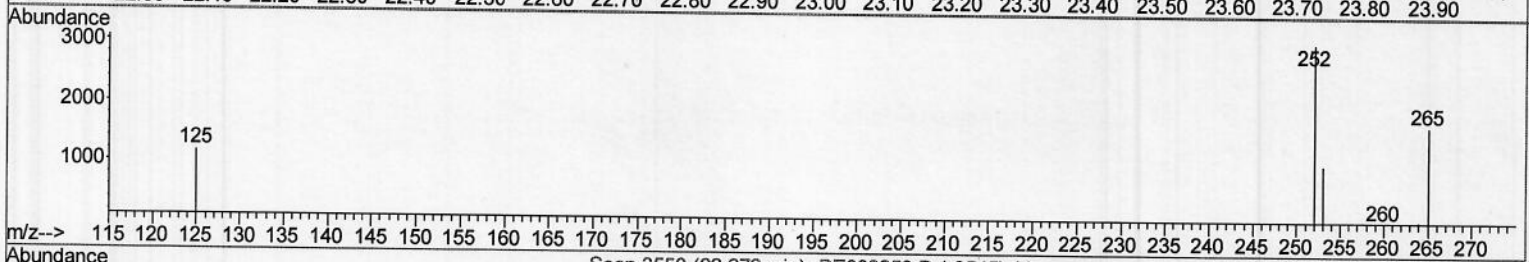
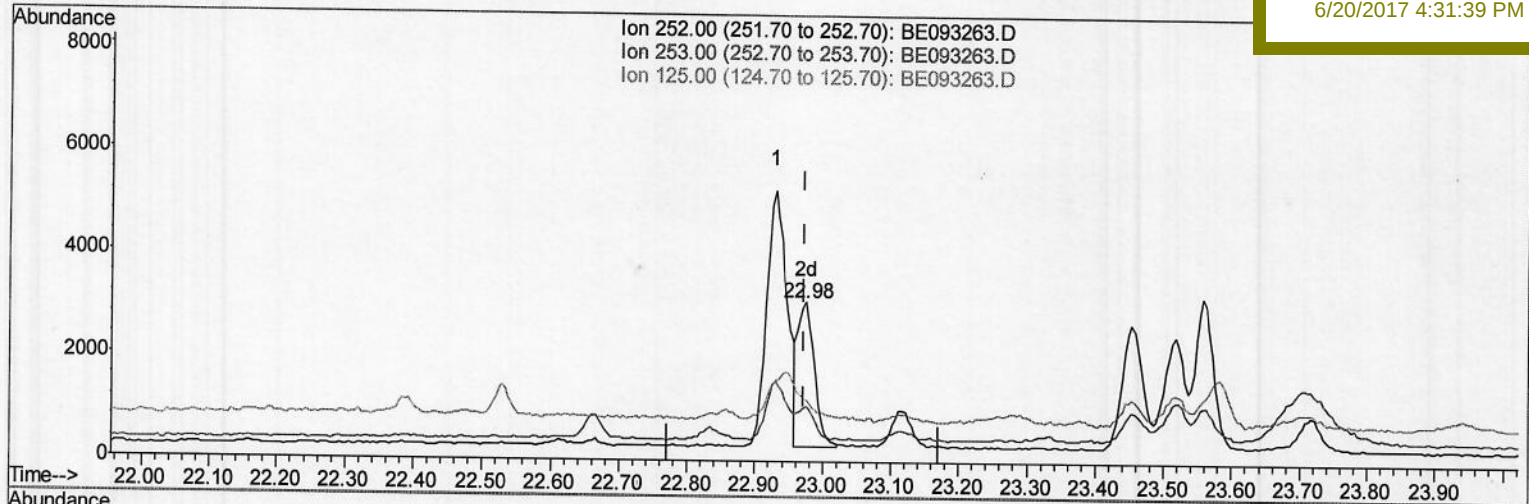
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 09:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

(22) Benzo(k)fluoranthene

22.975min (+0.003) 0.09ng/ul m

response 4761

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	34.30
125.00	17.10	38.14#
0.00	0.00	0.00

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Quantitation Report (Qedit)

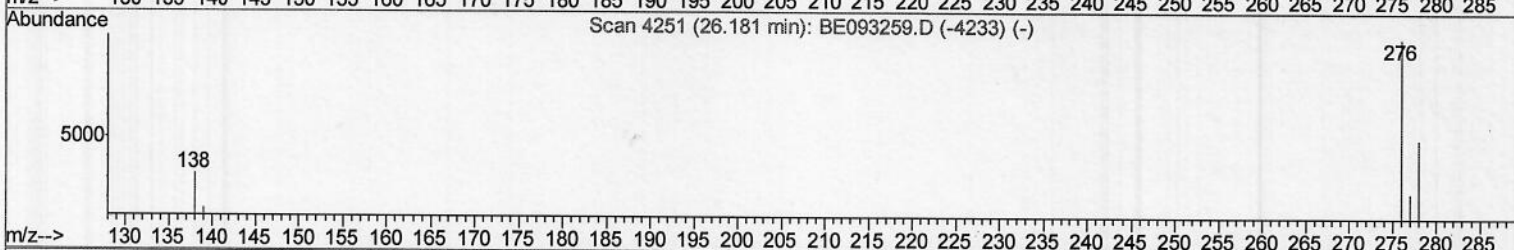
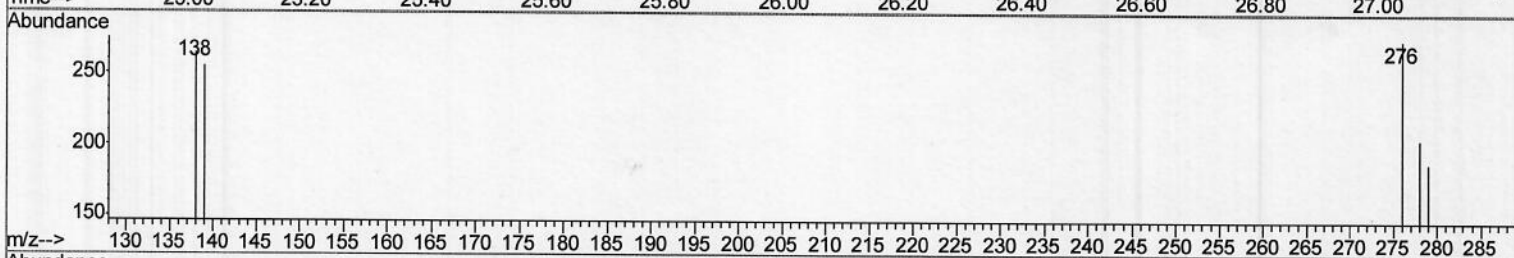
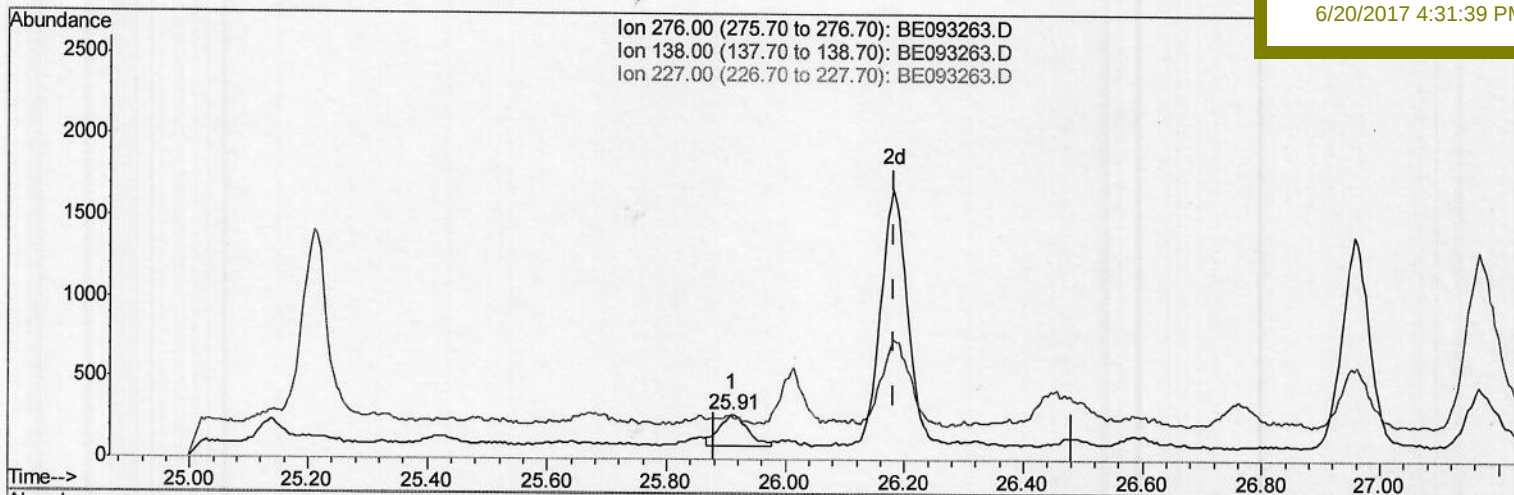
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 09:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

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

25.908min (-0.273) 0.01ng/ul

response 621

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	12.56#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

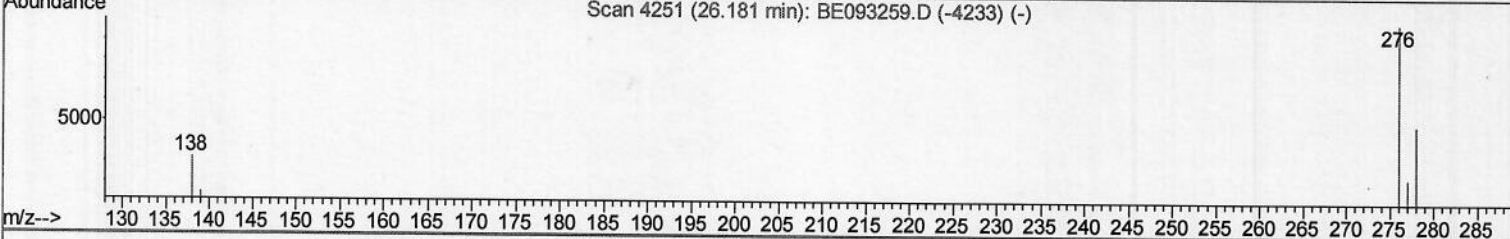
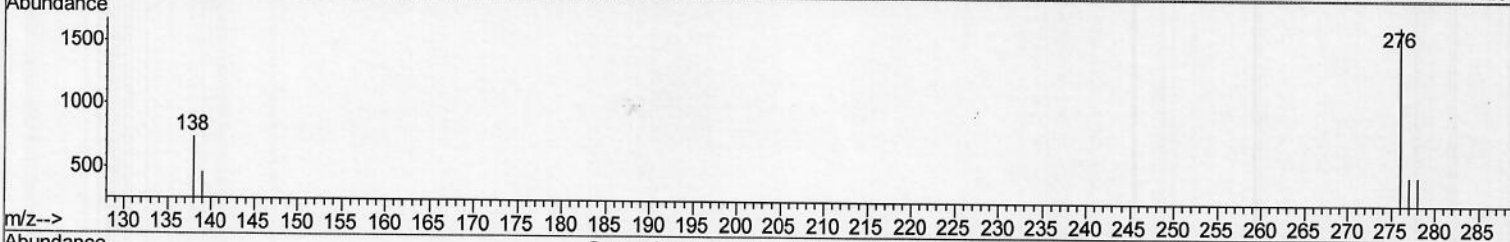
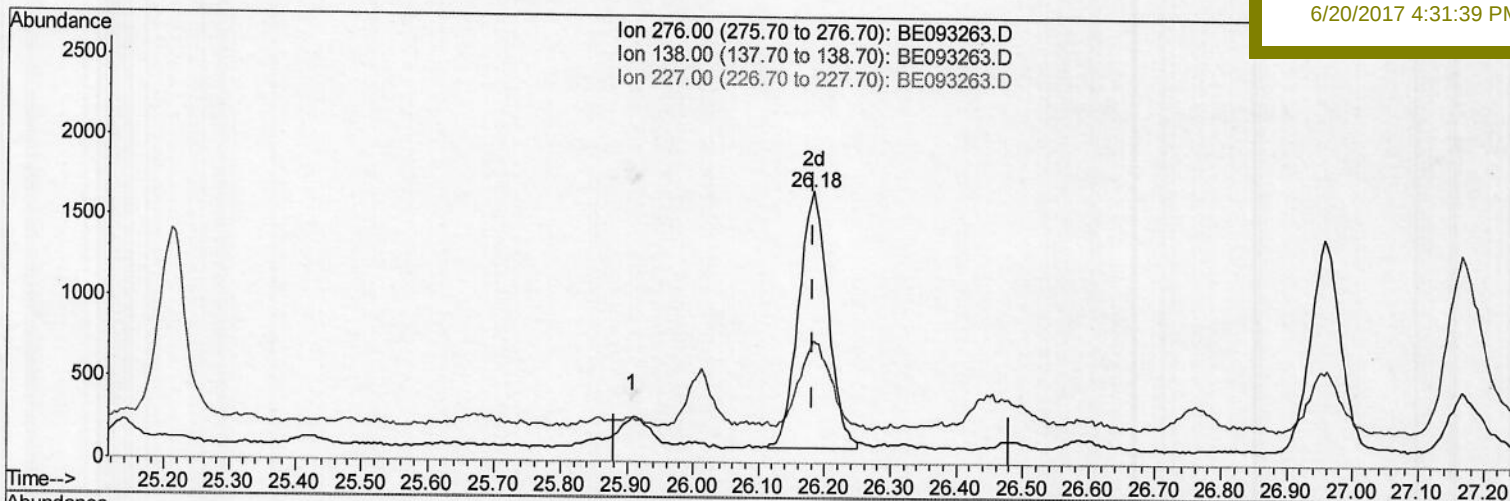
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 09:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

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

26.182min (+0.001) 0.09ng/ul m

response 4894

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	1.59#
227.00	10.00	0.00#
0.00	0.00	0.00

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Quantitation Report (Qedit)

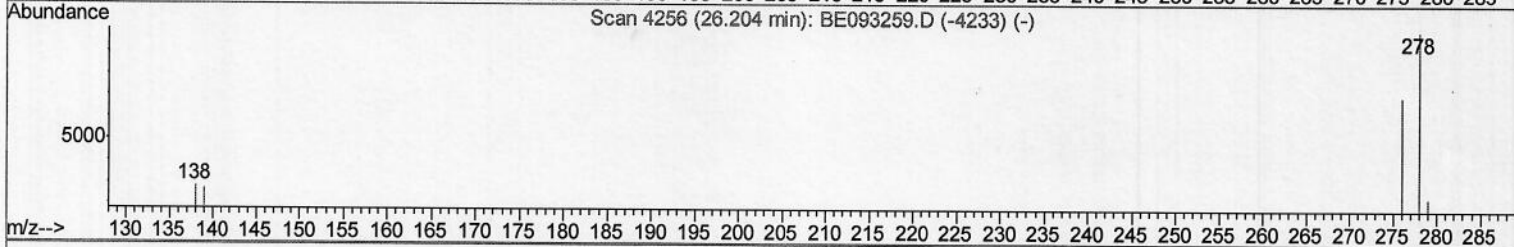
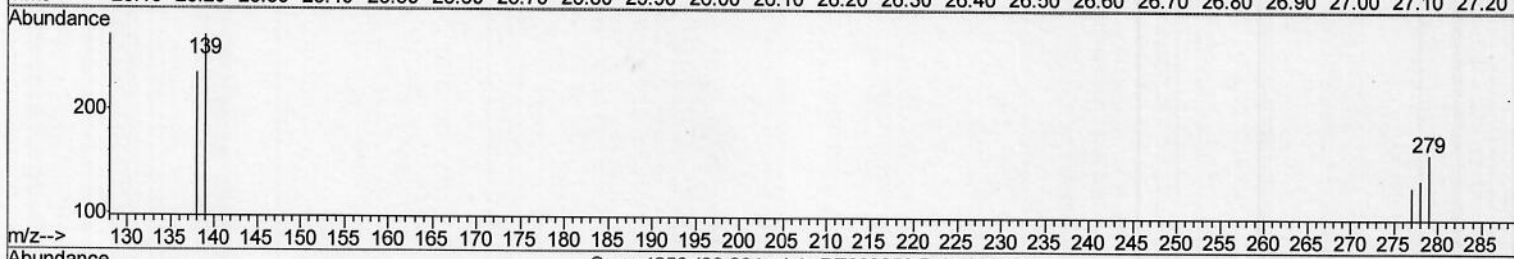
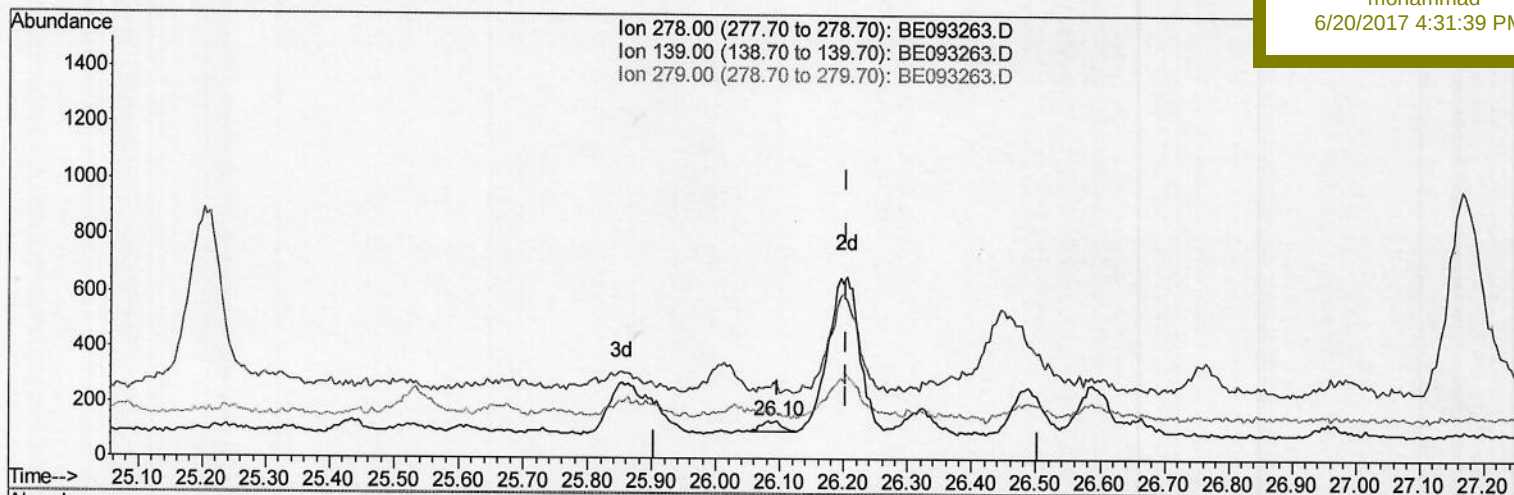
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jun 20 09:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
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Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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TIC: BE093263.D

(25) Dibenzo(a,h)anthracene

26.095min (-0.109) 0.00ng/ul

response 88

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	196.35#
279.00	32.40	117.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

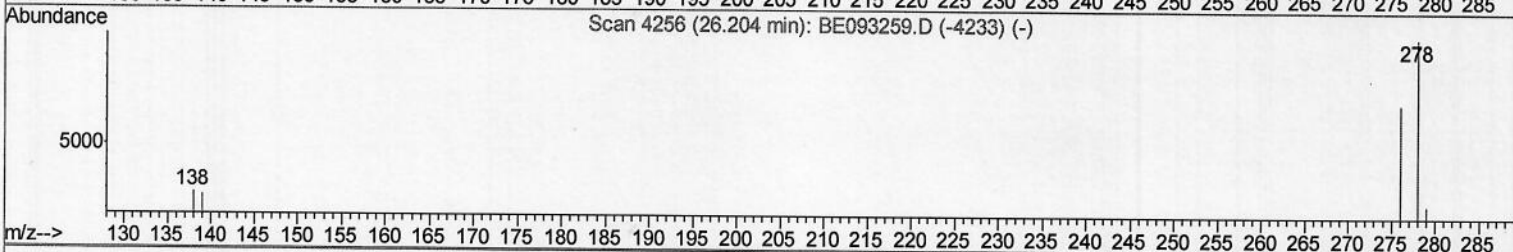
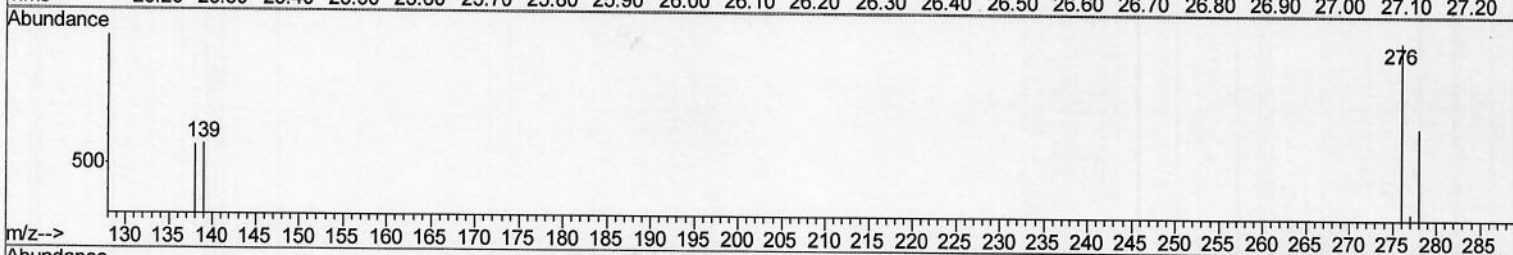
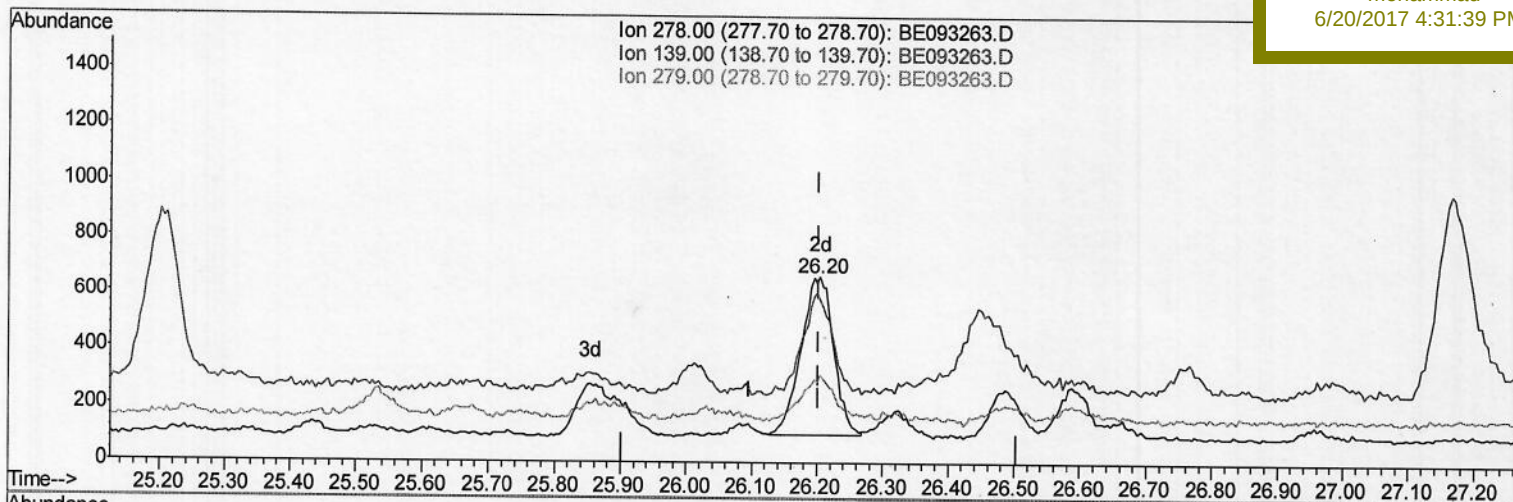
Data Path : Z:\HPCHEM1\BNA E\DATA\BE061917\
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Quant Time: Jun 20 09:08:54 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
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TIC: BE093263.D

(25) Dibenzo(a,h)anthracene

26.204min (+0.001) 0.04ng/ul m

response 1943

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06/20/17

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	87.23#
279.00	32.40	47.11#
0.00	0.00	0.00

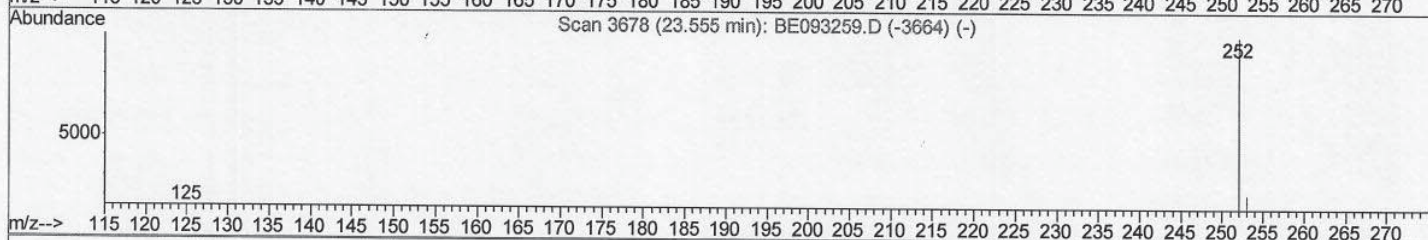
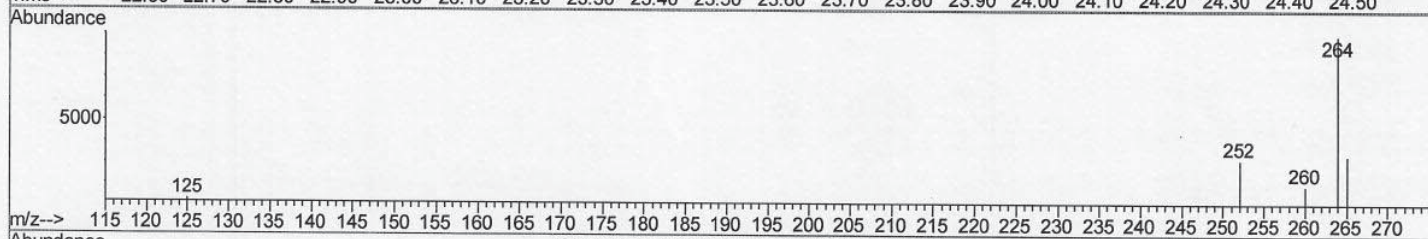
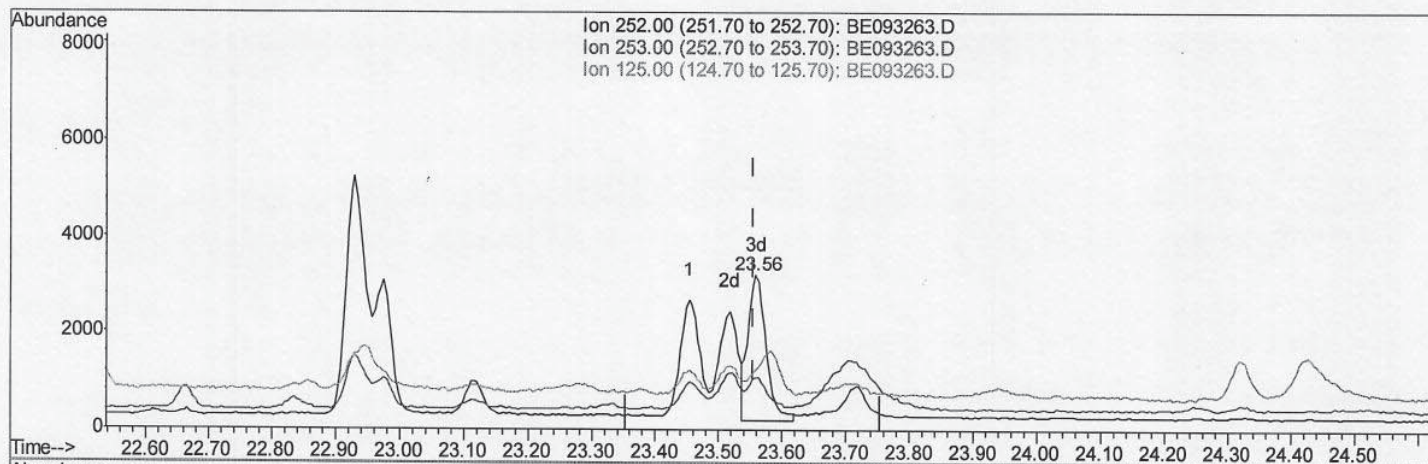
Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\
 Quantitation Report (Qedit)
 Data File : BE093263.D
 Acq On : 19 Jun 2017 22:50
 Operator : SJ/MA
 Sample : I3600-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F5A16

Manual Integrations
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Quant Time: Jun 20 15:23:29 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 08:49:11 2017
 Response via : Initial Calibration



TIC: BE093263.D

(23) Benzo(a)pyrene (C)

23.558min (+0.003) 0.12ng/ul m

response 5961

Ion Exp% Act%

252.00 100 100

253.00 35.60 33.77

125.00 22.60 38.11#

0.00 0.00 0.00

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Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\
Quantitation Report (Qedit)

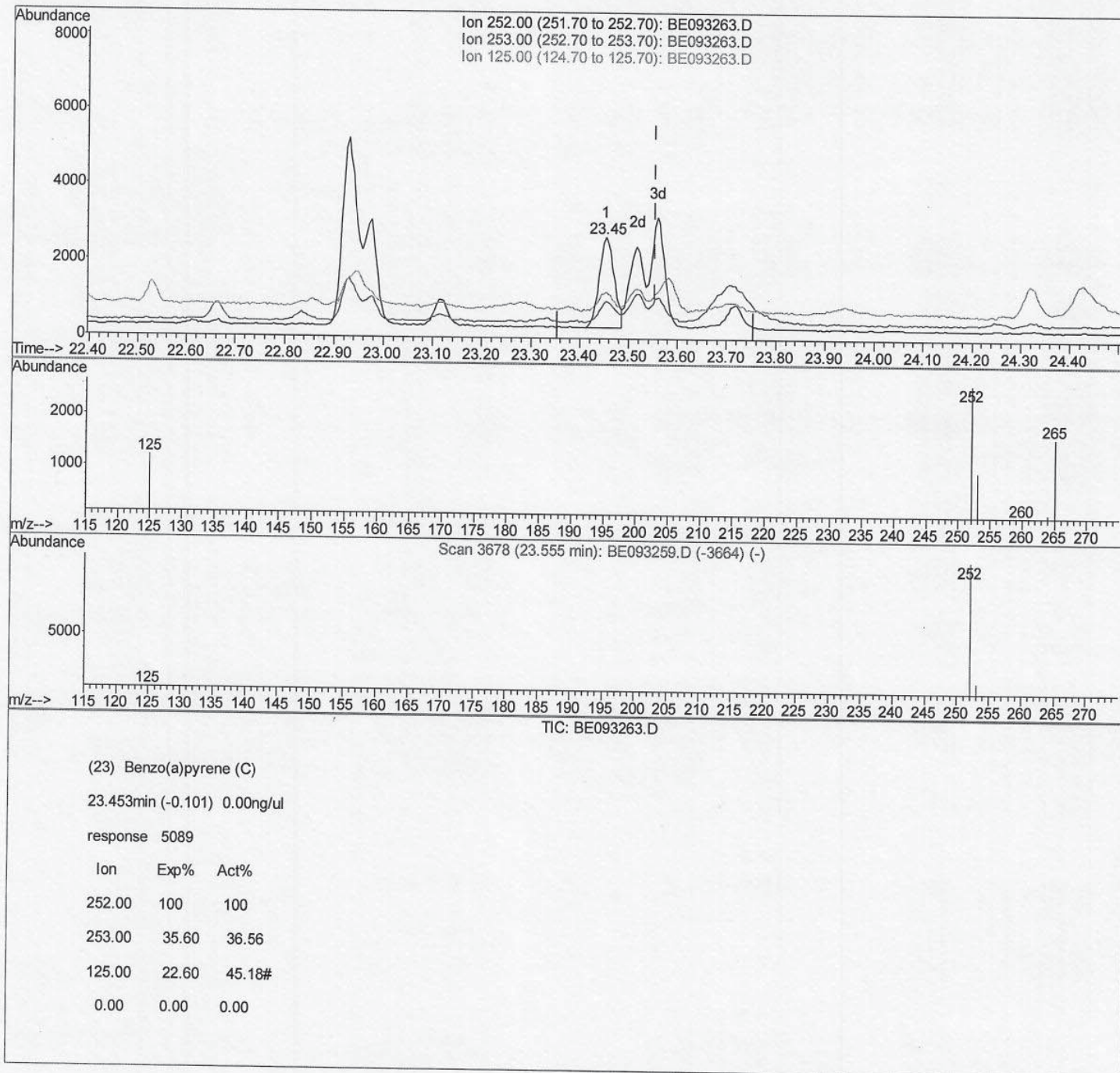
Data File : BE093263.D
Acq On : 19 Jun 2017 22:50
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5A16

Manual Integrations
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Quant Time: Jun 30 08:30:09 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 08:26:14 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\Data\BE061917\
Quantitation Report (QT Reviewed)

Data File : BE093263.D
Acq On : 19 Jun 2017 22:50
Operator : SJ/MA
Sample : I3600-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5A16

Manual Integrations
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Quant Time: Jun 20 15:23:29 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 08:49:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	14479	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.36	164	9025	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	21901m	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	21257	0.40	ng/ul	0.00
20) Perylene-d12	23.66	264	17203m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	6164	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.12	212	18006	0.30	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	1091	0.03	ng/ul#	83
5) 2-Methylnaphthalene	12.18	142	733	0.03	ng/ul	95
7) Acenaphthylene	14.09	152	1994	0.05	ng/ul	93
8) Acenaphthene	14.42	153	638	0.02	ng/ul#	92
9) Fluorene	15.42	166	1014	0.03	ng/ul#	92
11) Pentachlorophenol	16.75	266	361	0.11	ng/ul	90
12) Phenanthrene	17.14	178	2820	0.05	ng/ul#	93
13) Anthracene	17.22	178	5661	0.11	ng/ul#	92
15) Fluoranthene	19.15	202	5292	0.07	ng/ul#	27
17) Pyrene	19.52	202	13688	0.22	ng/ul#	90
18) Benzo(a)anthracene	21.24	228	4839	0.09	ng/ul#	90
19) Chrysene	21.29	228	6159	0.10	ng/ul#	90
21) Benzo(b)fluoranthene	22.93	252	10959	0.21	ng/ul	87
22) Benzo(k)fluoranthene	22.98	252	4761m	0.09	ng/ul	
23) Benzo(a)pyrene	23.56	252	5961m	0.12	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.18	276	4894m	0.09	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	1943m	0.04	ng/ul	
26) Benzo(g,h,i)perylene	26.96	276	4232	0.09	ng/ul#	83

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