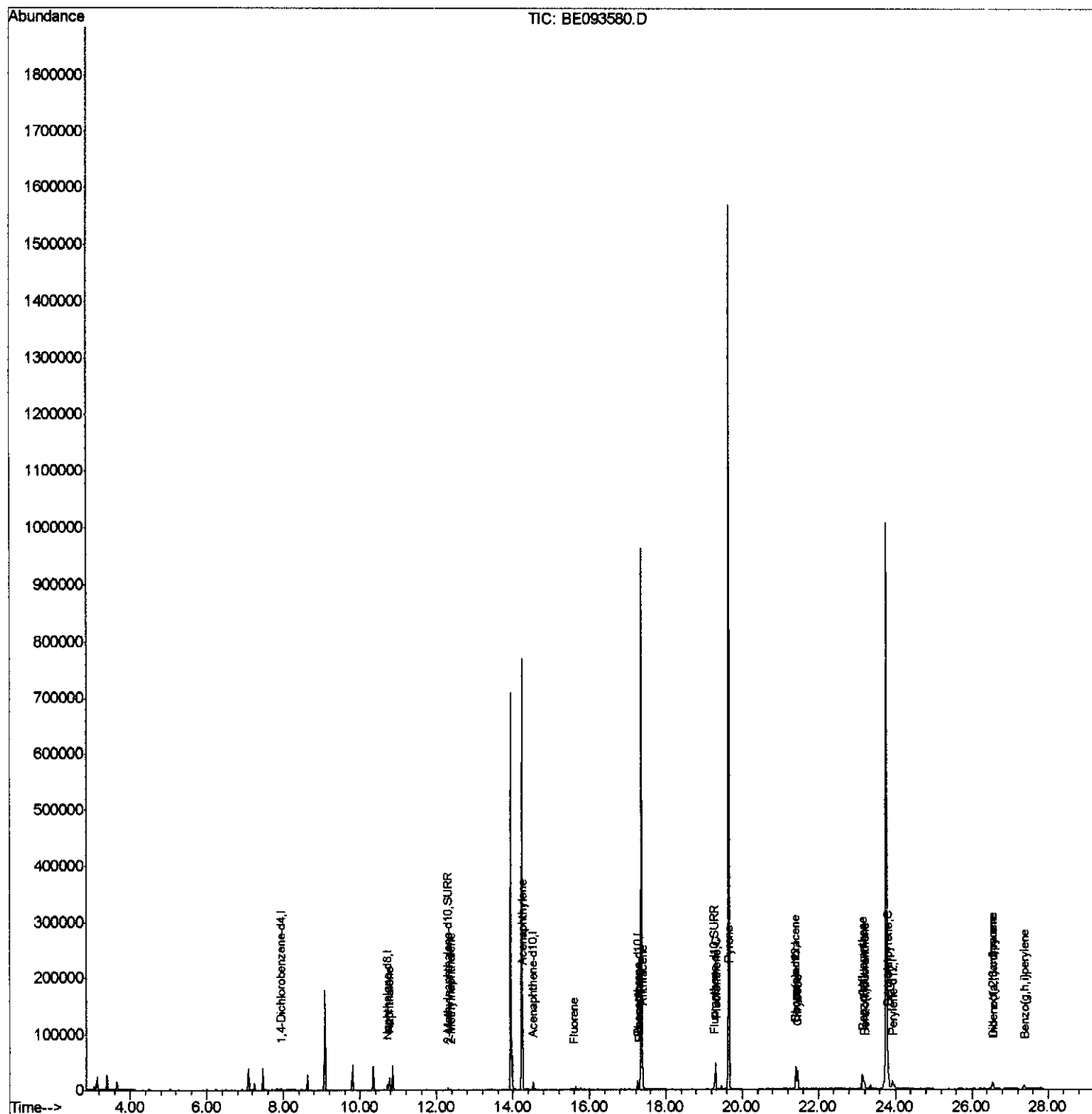


Instrument :
BNA_E
ClientSampleId :
C0B00

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:22:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



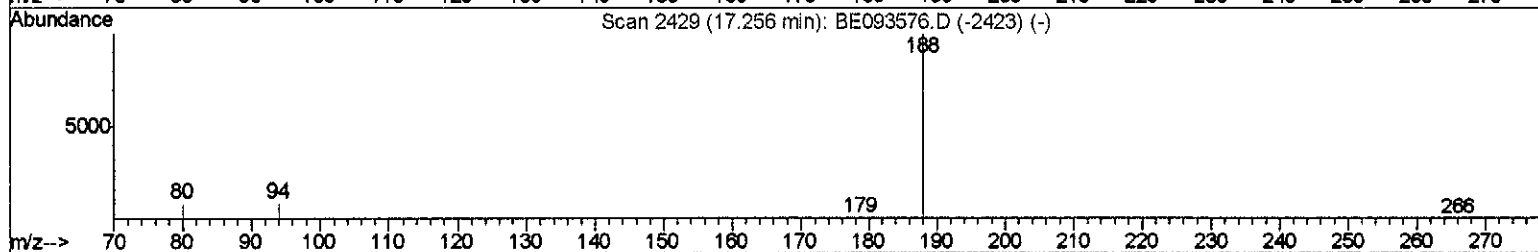
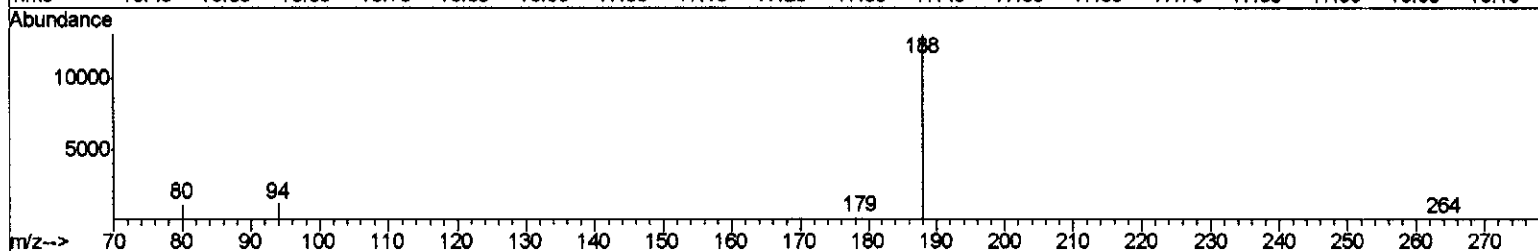
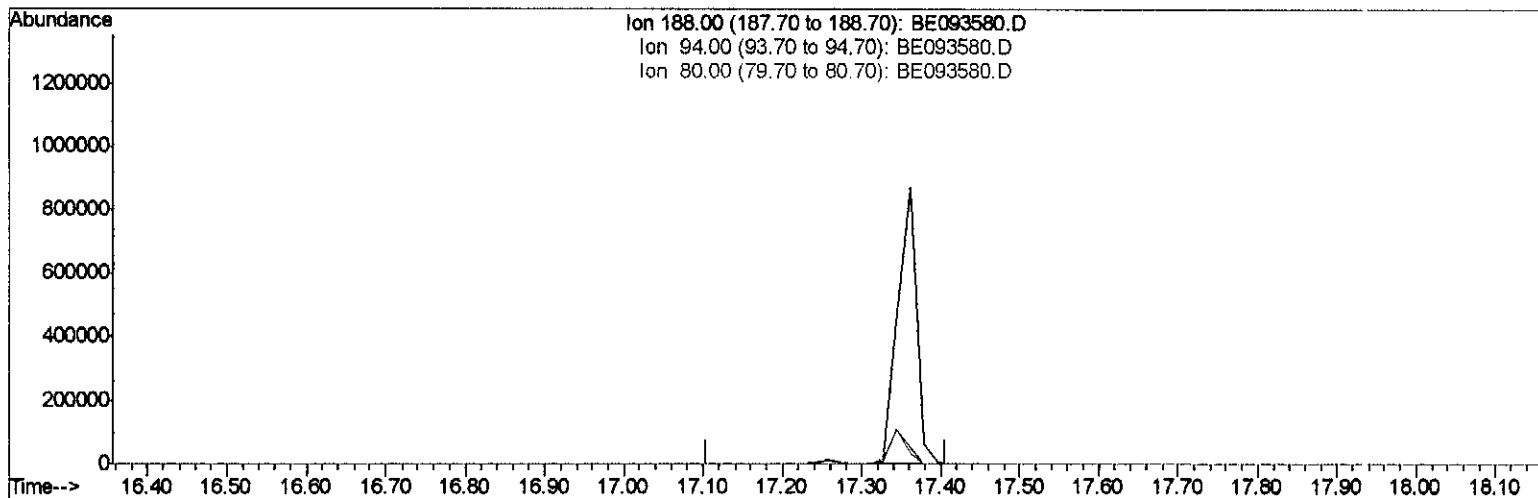
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:15:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(10) Phenanthrene-d10 (I)

17.256min (-17.256) 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

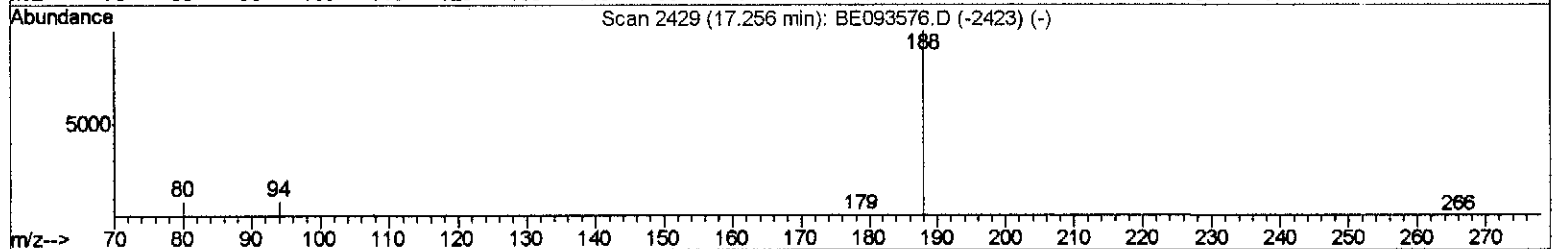
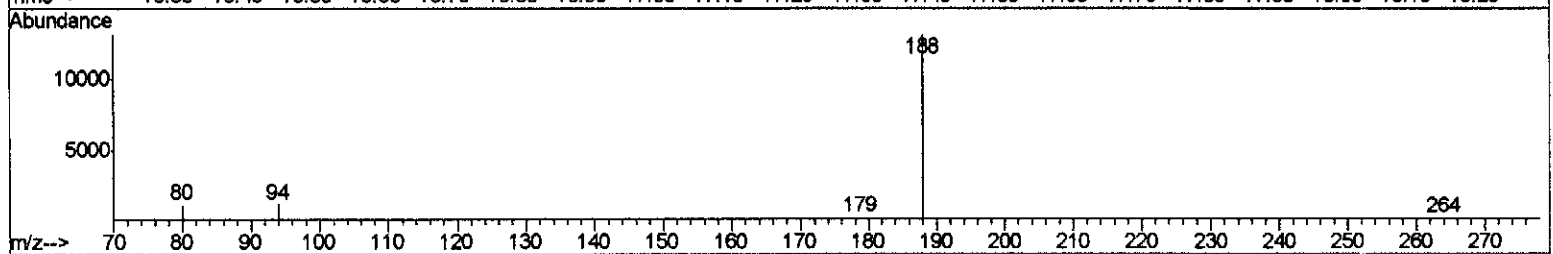
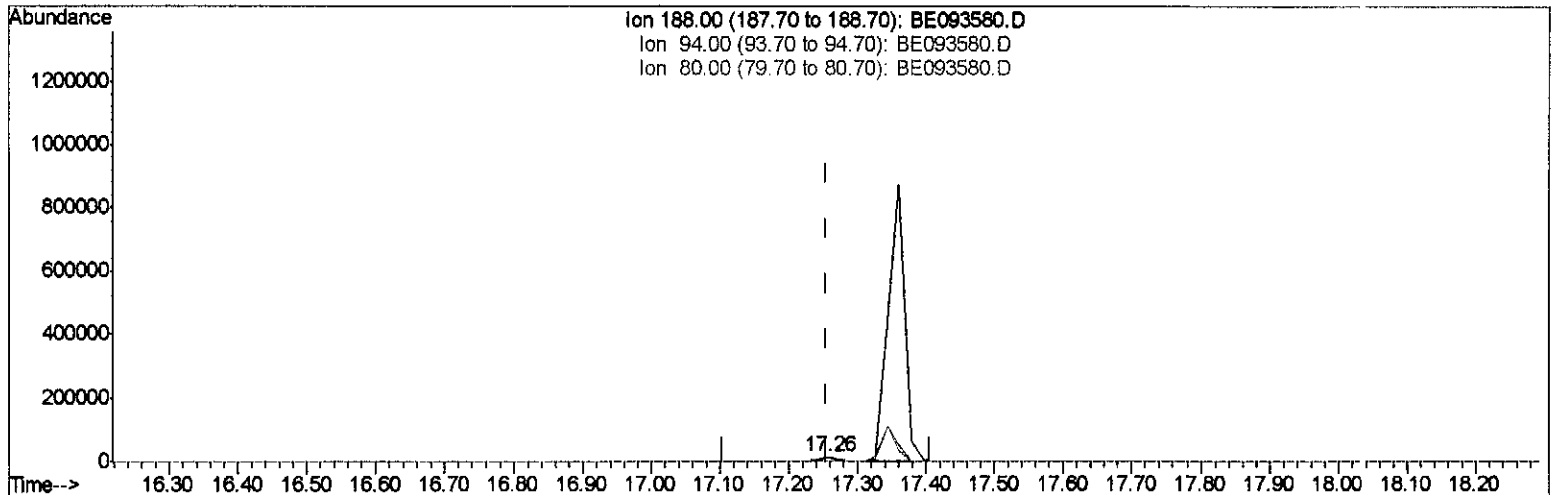
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:15:36 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(10) Phenanthrene-d10 (I)

17.257min (+0.001) 0.40ng/ul m

57 8/8/17

response 19245

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.29#
80.00	11.80	7.94#
0.00	0.00	0.00

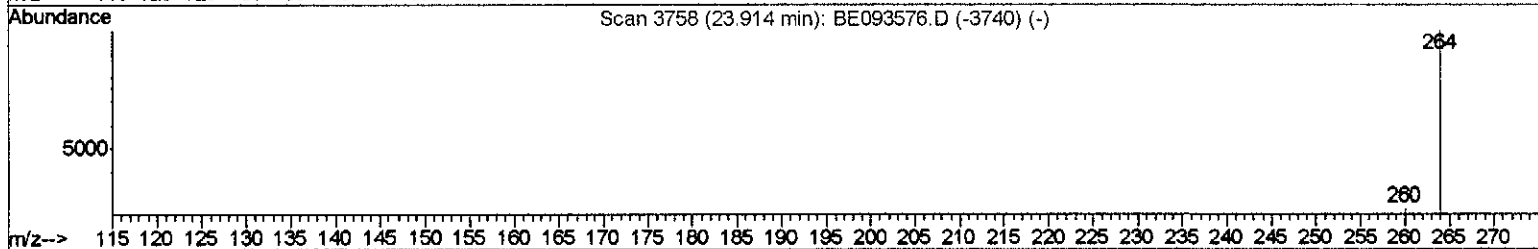
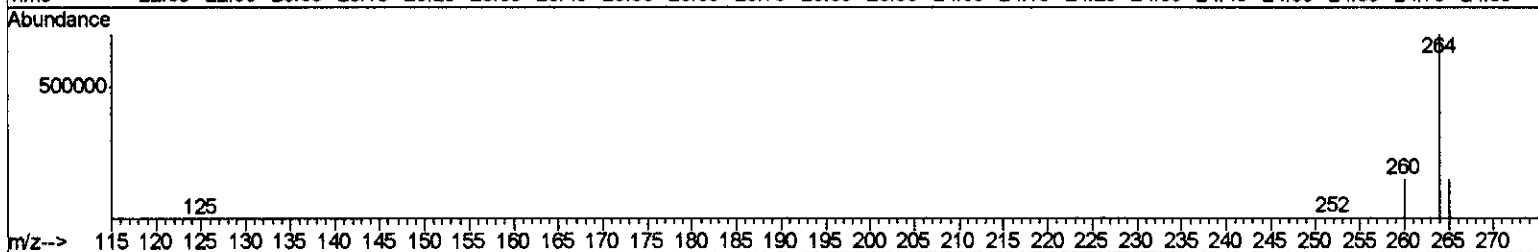
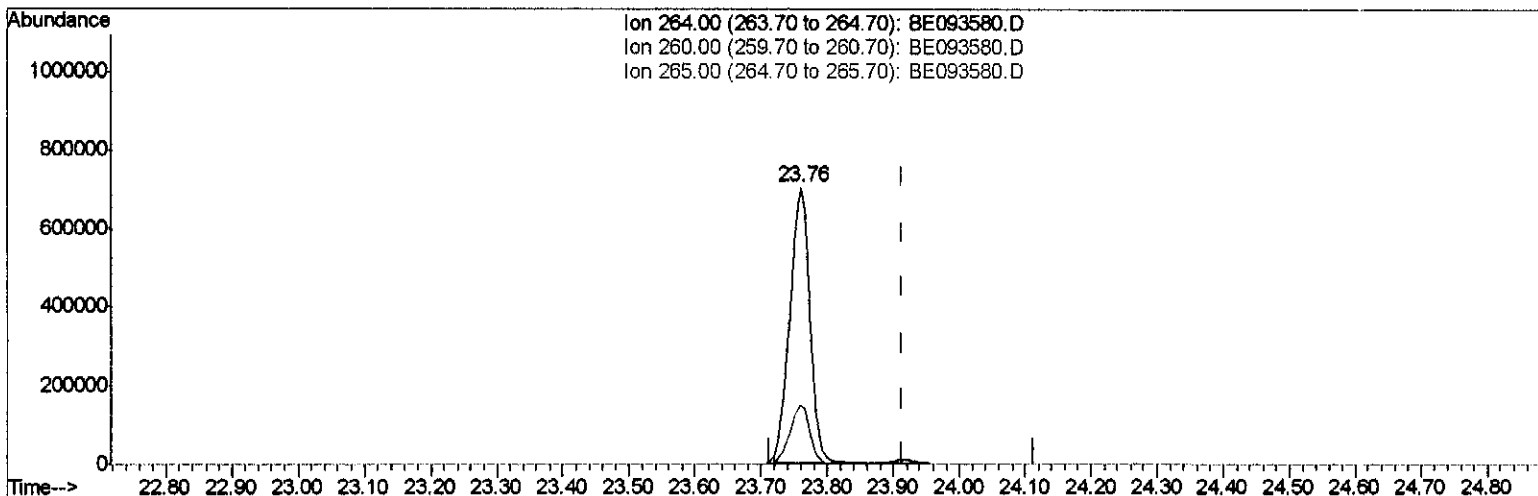
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(20) Perylene-d12 (I)

23.760min (-0.154) 0.40ng/ul

response 1465469

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.33#
265.00	103.50	21.33#
0.00	0.00	0.00

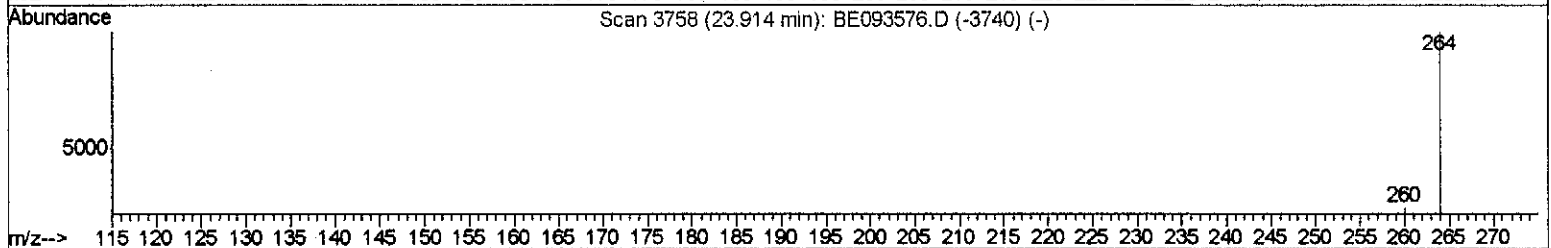
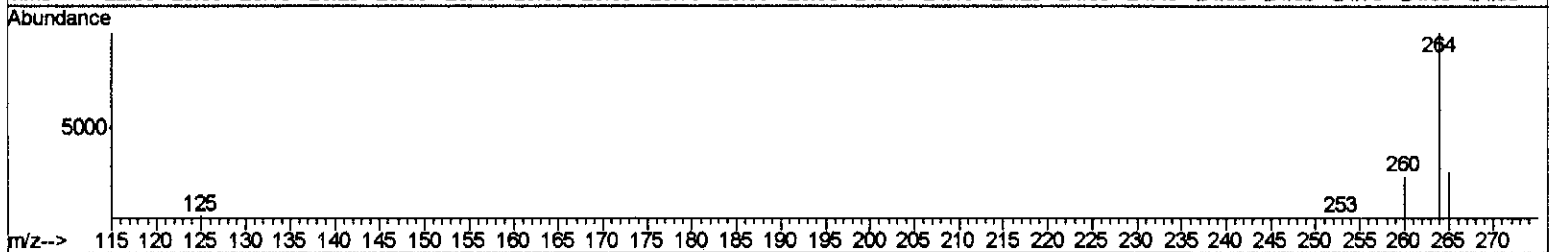
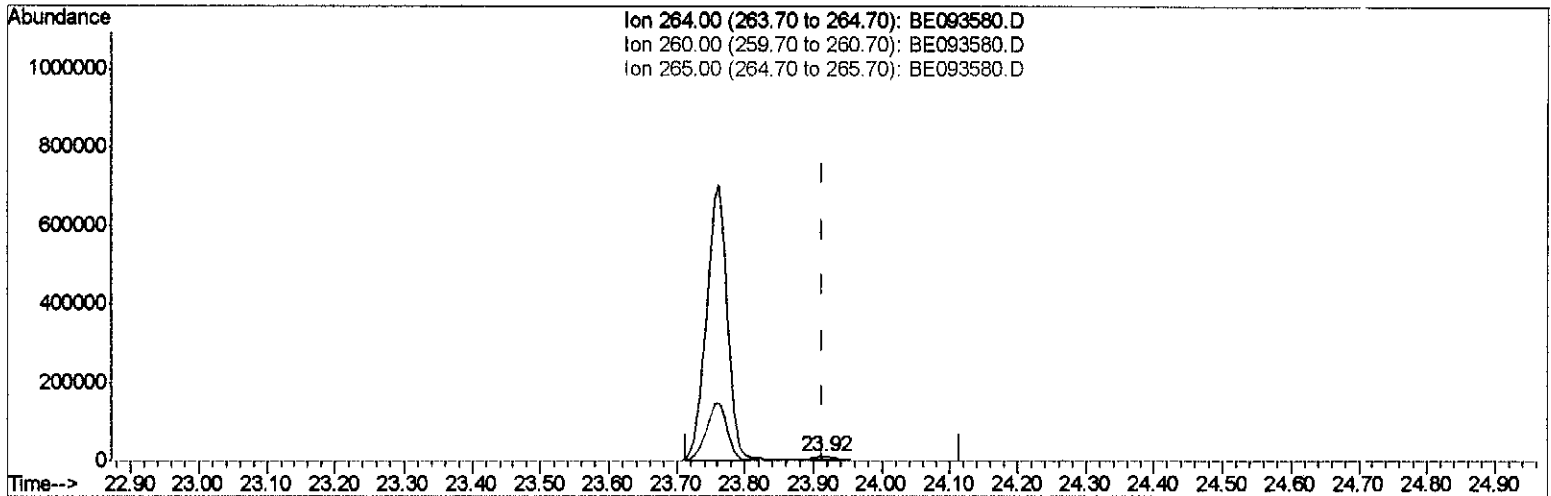
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:05 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(20) Perylene-d12 (I)

23.915min (+0.001) 0.40ng/ul m

SJ 8/8/17

response 17633

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.75
265.00	103.50	26.95#
0.00	0.00	0.00

Quantitation Report (Qedit)

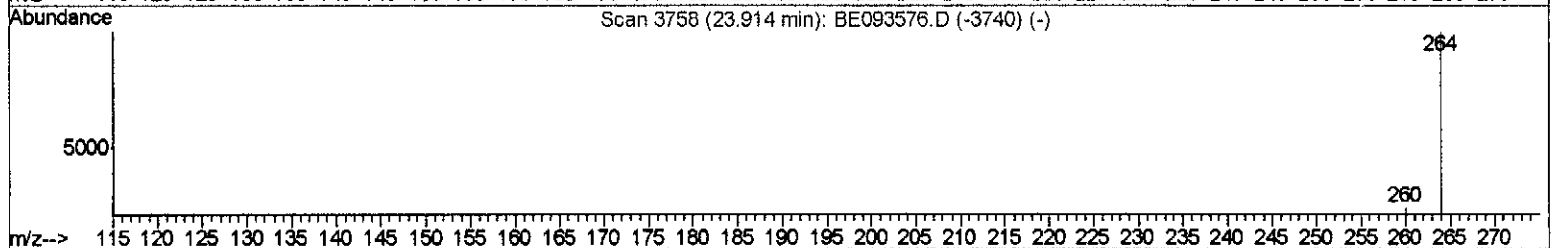
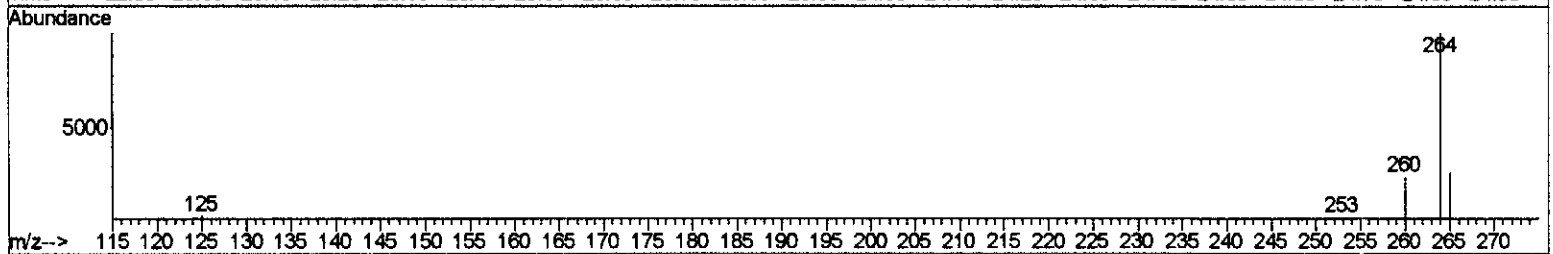
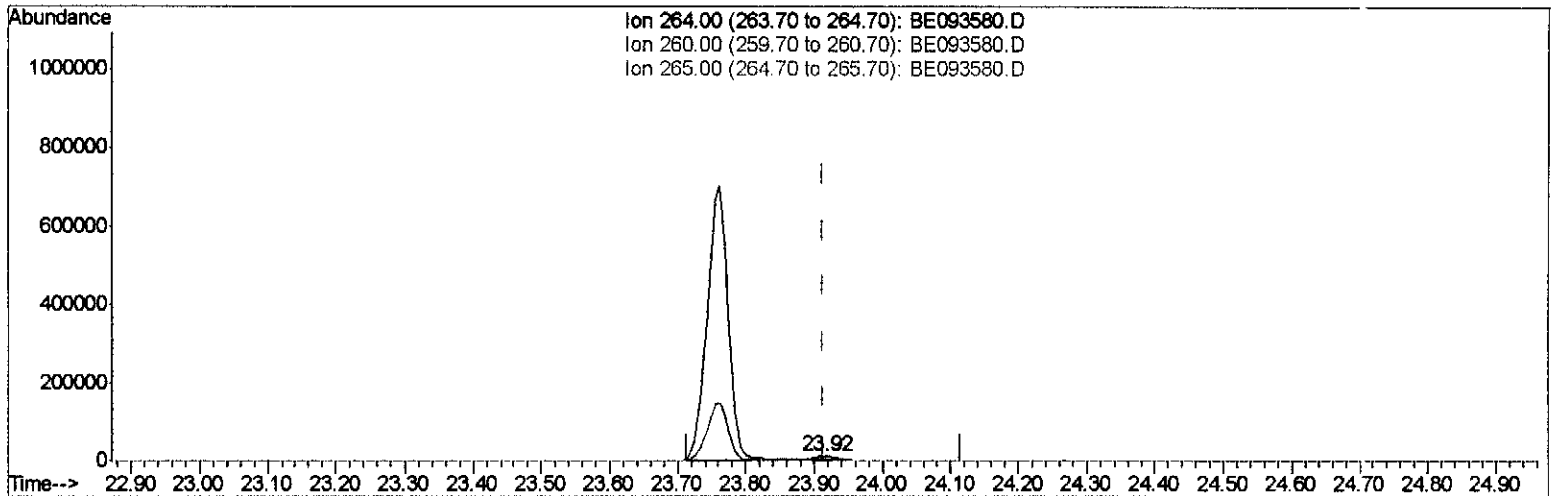
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
 Data File : BE093580.D
 Acq On : 25 Jul 2017 16:50
 Operator : SJ/JU
 Sample : I4209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B00

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 18:00:47 2017
 Response via : Initial Calibration



TIC: BE093580.D

(20) Perylene-d12 (I)

23.915min (+0.001) 0.40ng/ul m

response 17633

SJ
 8/8/17

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.75
265.00	103.50	26.95#
0.00	0.00	0.00

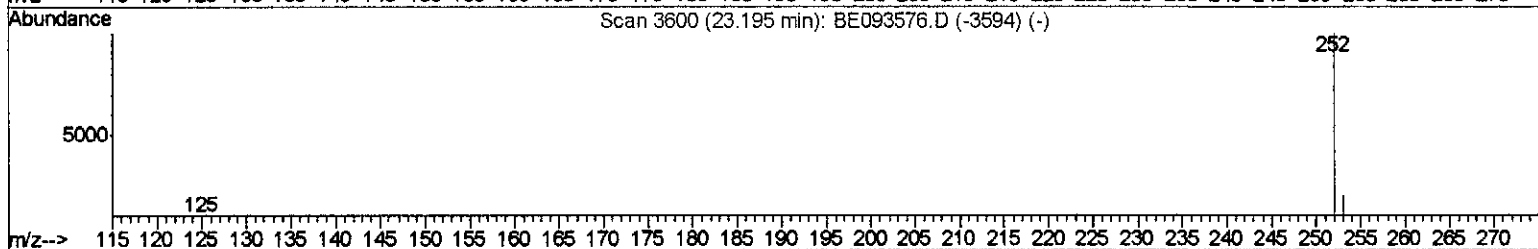
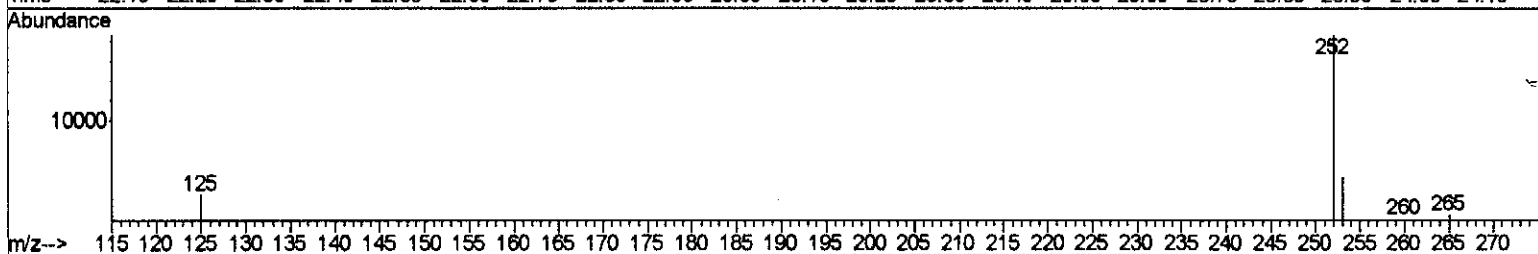
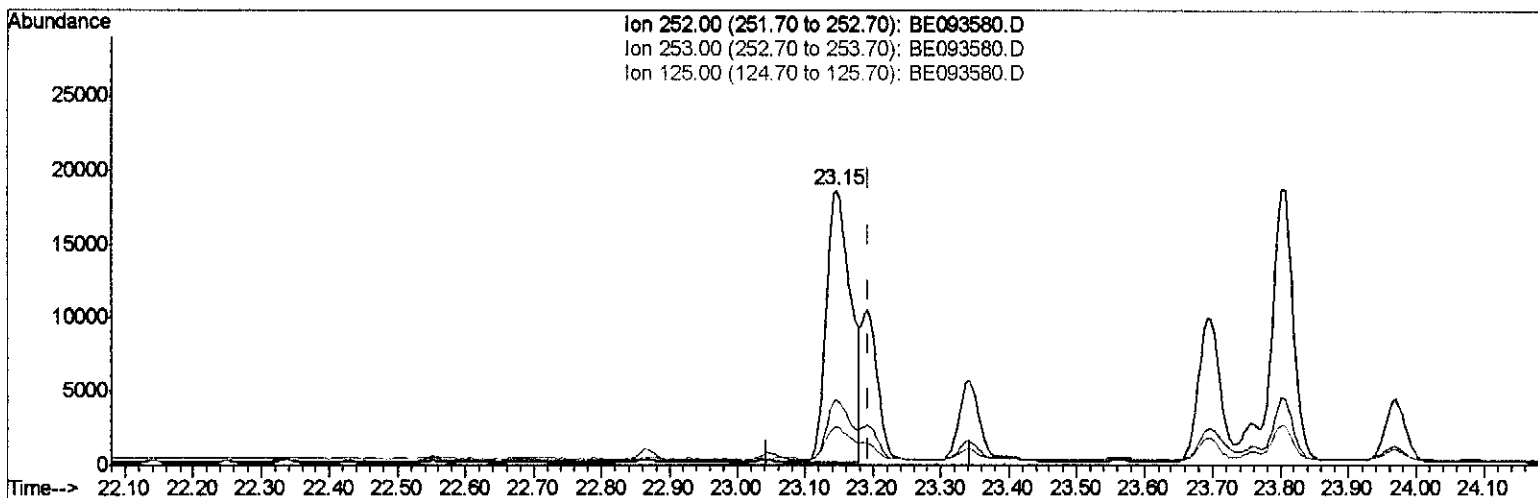
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(22) Benzo(k)fluoranthene

23.145min (-0.049) 0.86ng/ul

response 46088

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.94#
125.00	17.10	13.94
0.00	0.00	0.00

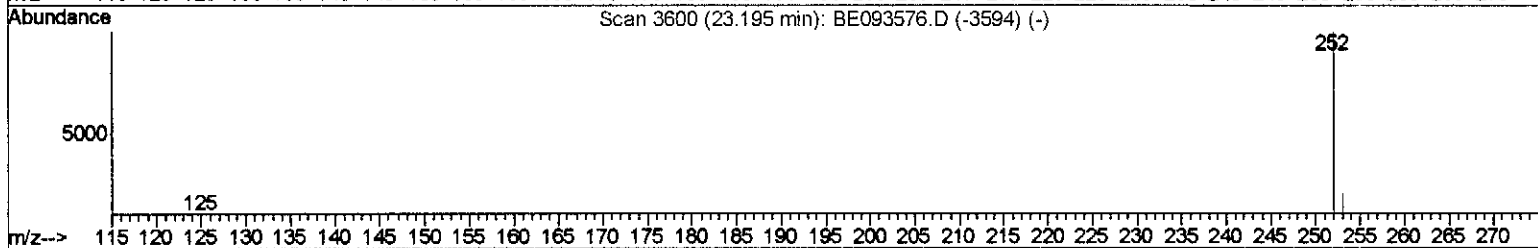
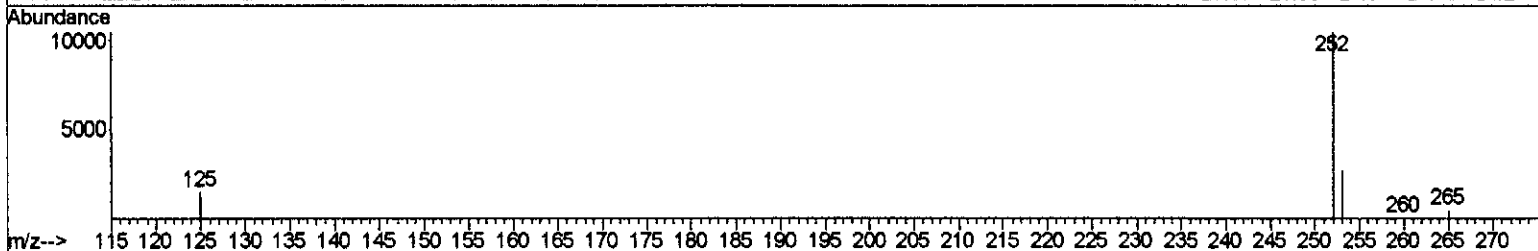
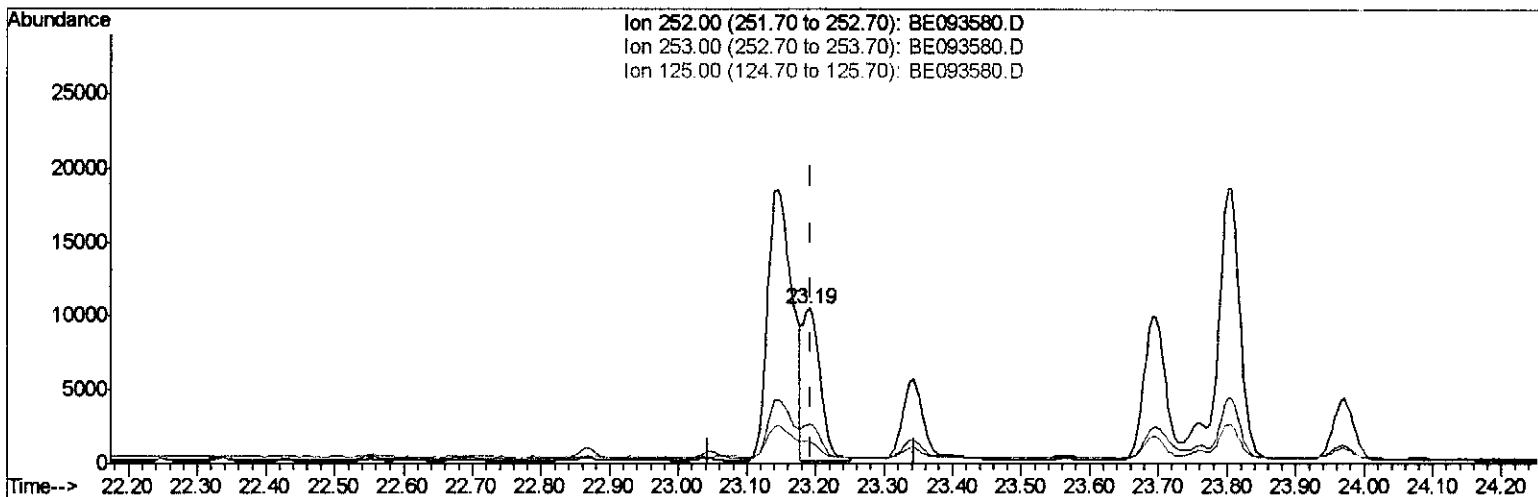
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(22) Benzo(k)fluoranthene

23.191min (-0.003) 0.34ng/ul m

response 18074

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.81
125.00	17.10	14.62
0.00	0.00	0.00

SJ
8/1/17

Quantitation Report (Qedit)

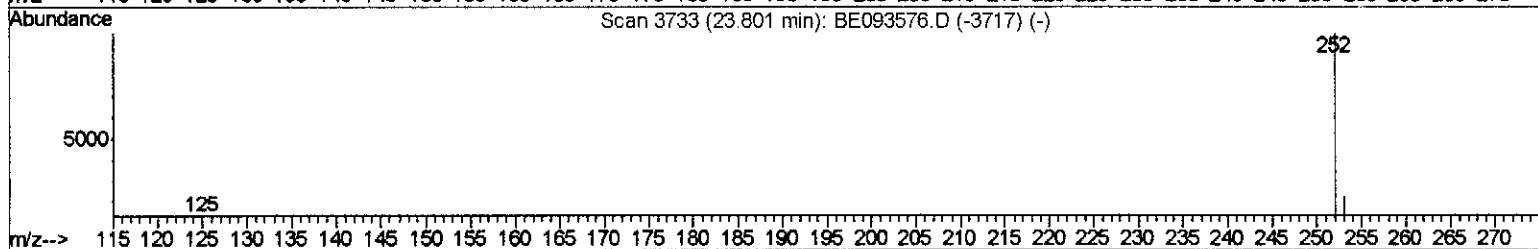
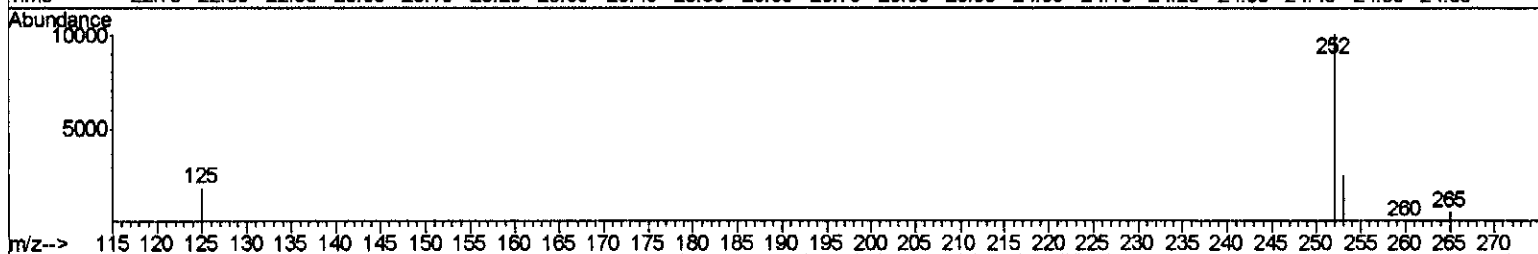
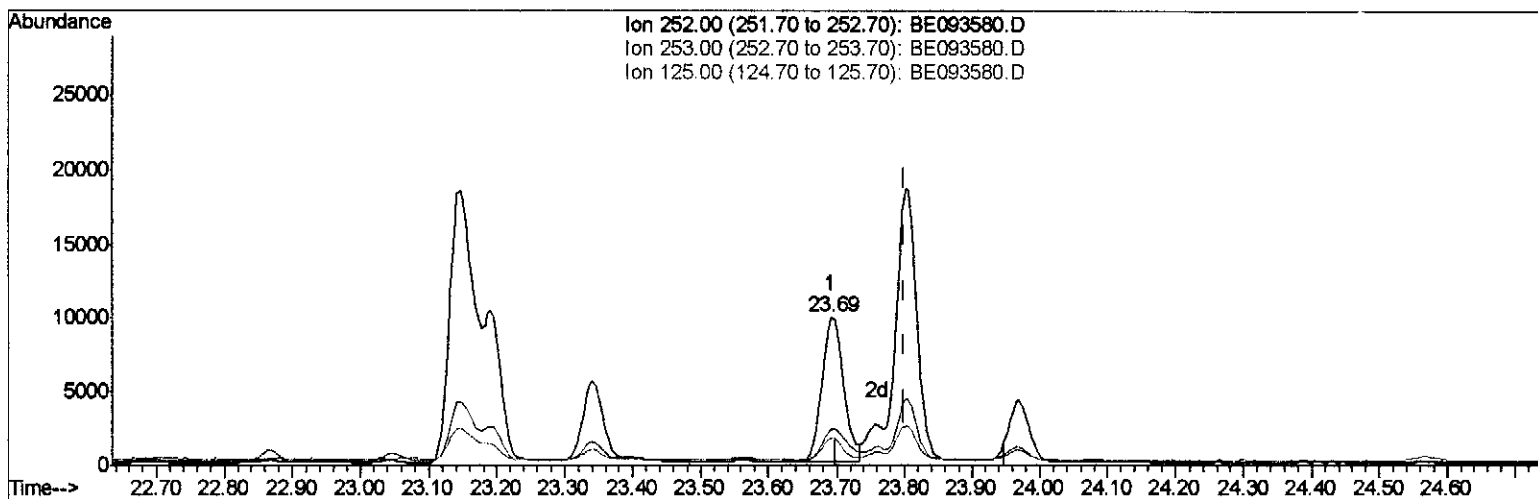
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(23) Benzo(a)pyrene (C)

23.692min (-0.108) 0.42ng/ul

response 21812

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.84#
125.00	22.60	18.74
0.00	0.00	0.00

Quantitation Report (Qedit)

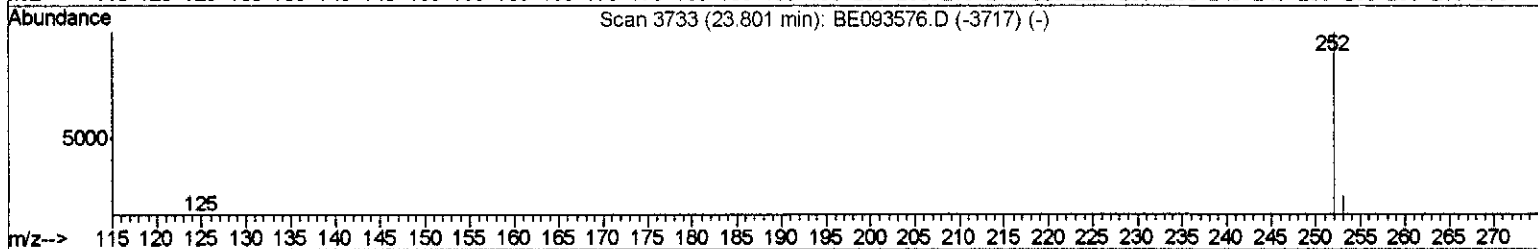
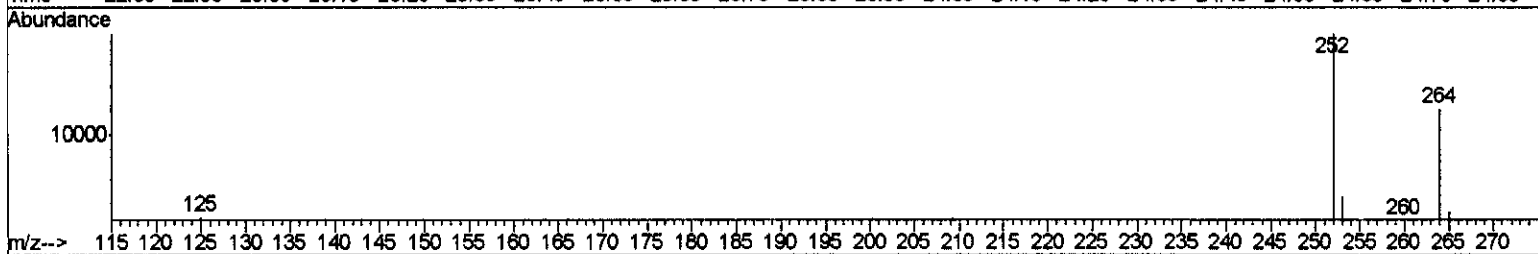
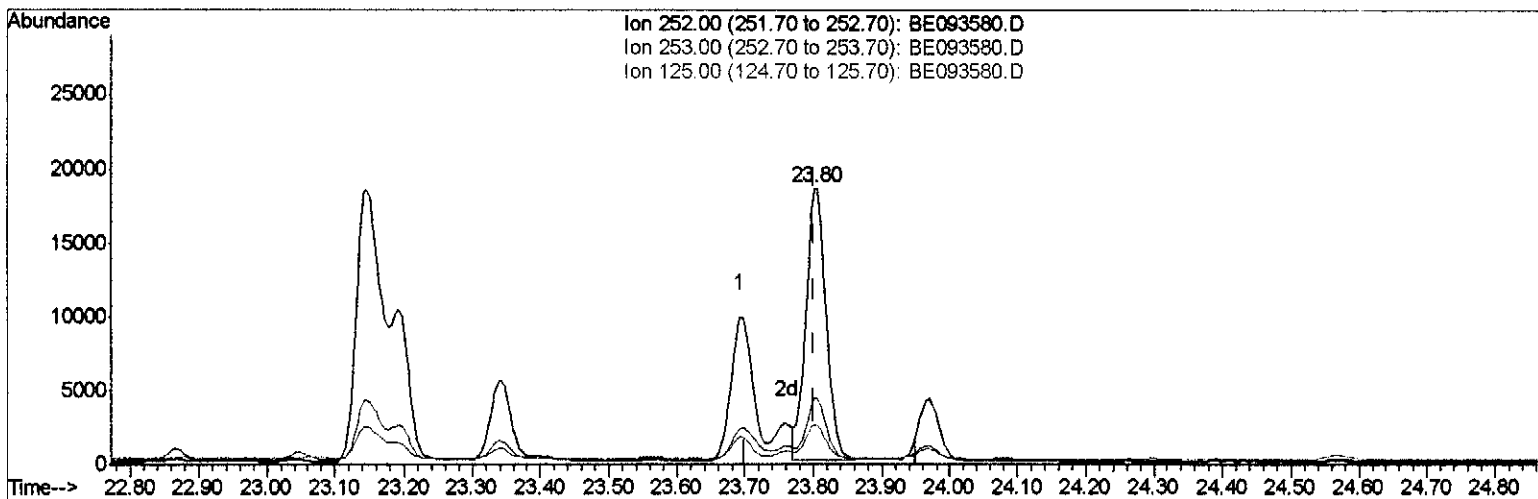
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(23) Benzo(a)pyrene (C)

23.801min (+0.001) 0.73ng/ul m

response 37805

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.42#
125.00	22.60	14.78#
0.00	0.00	0.00

SJ
8/8/17

Quantitation Report (Qedit)

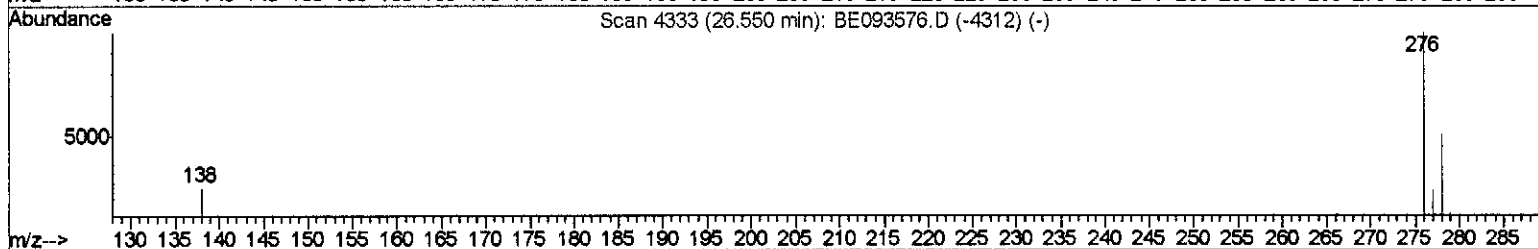
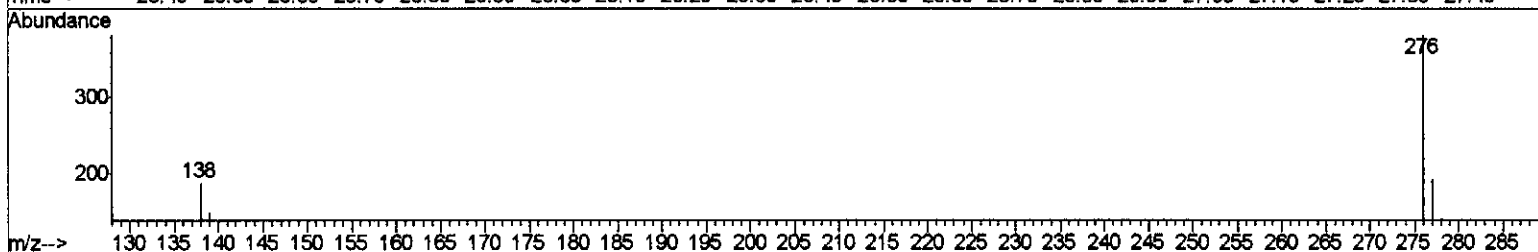
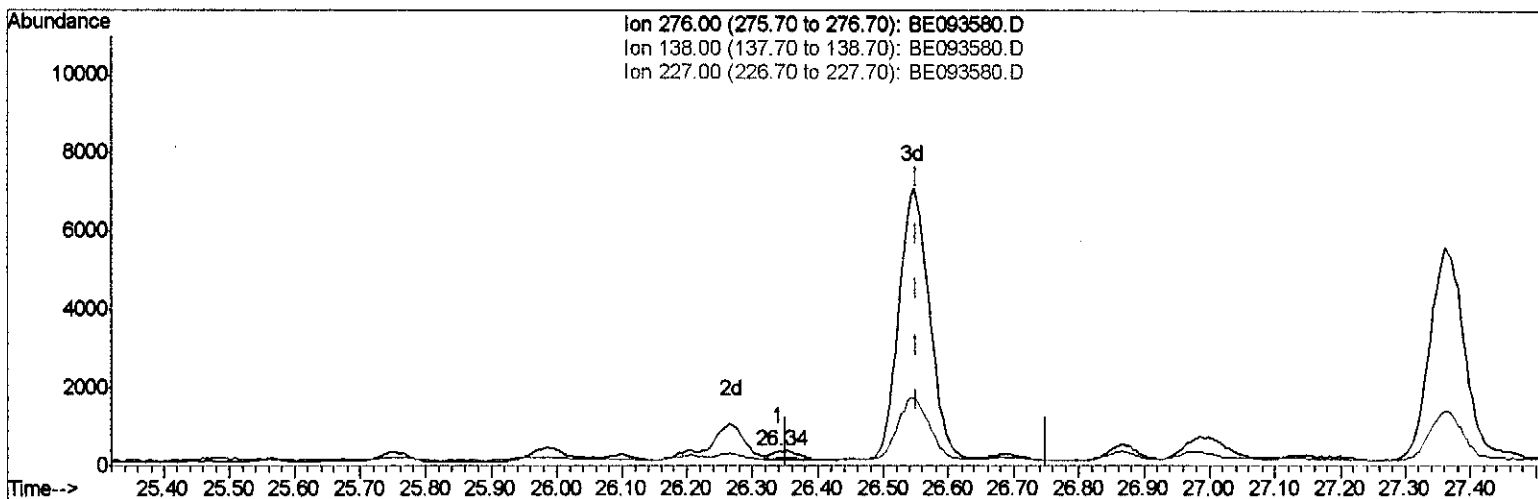
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
 Data File : BE093580.D
 Acq On : 25 Jul 2017 16:50
 Operator : SJ/JU
 Sample : I4209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B00

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 18:00:47 2017
 Response via : Initial Calibration



TIC: BE093580.D

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

26.341min (-0.211) 0.01ng/ul

response 715

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	19.44#
227.00	10.00	0.00#
0.00	0.00	0.00

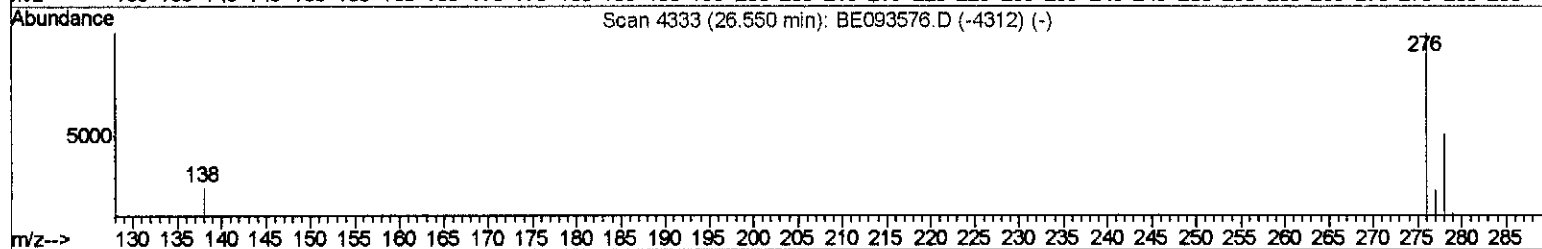
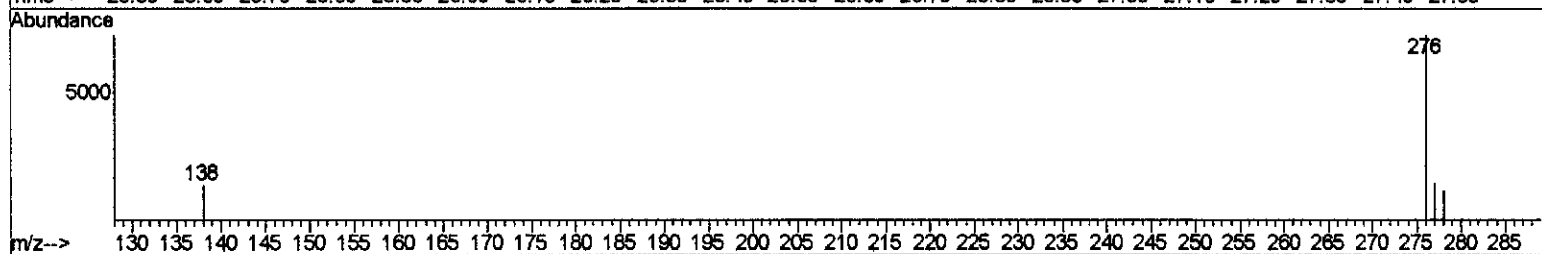
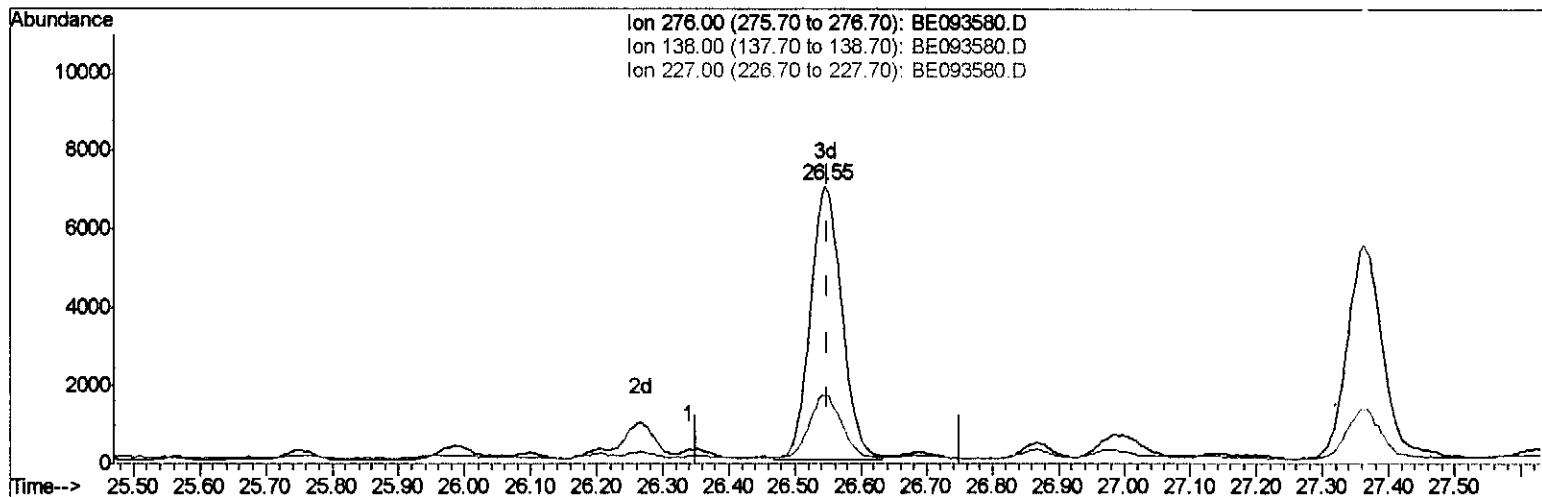
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

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

26.546min (-0.005) 0.40ng/ul m

response 23163

SJ
8/8/17

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.60#
227.00	10.00	0.00#
0.00	0.00	0.00

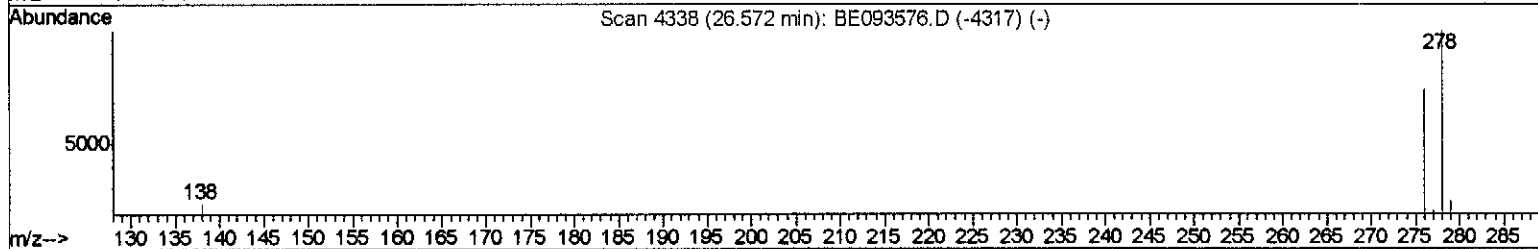
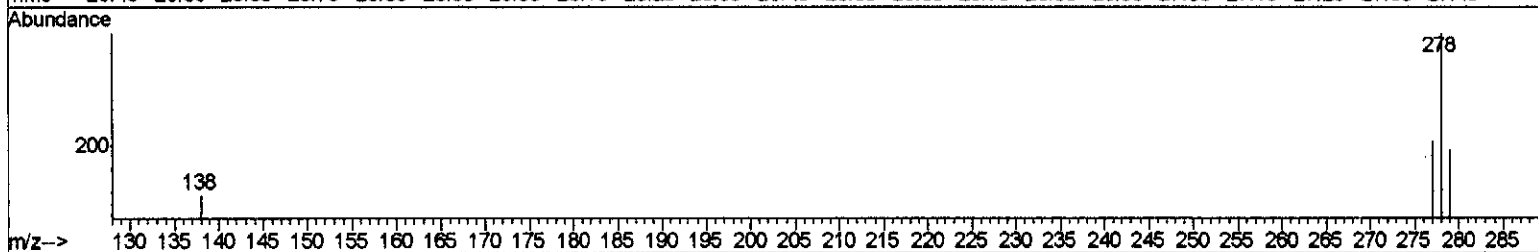
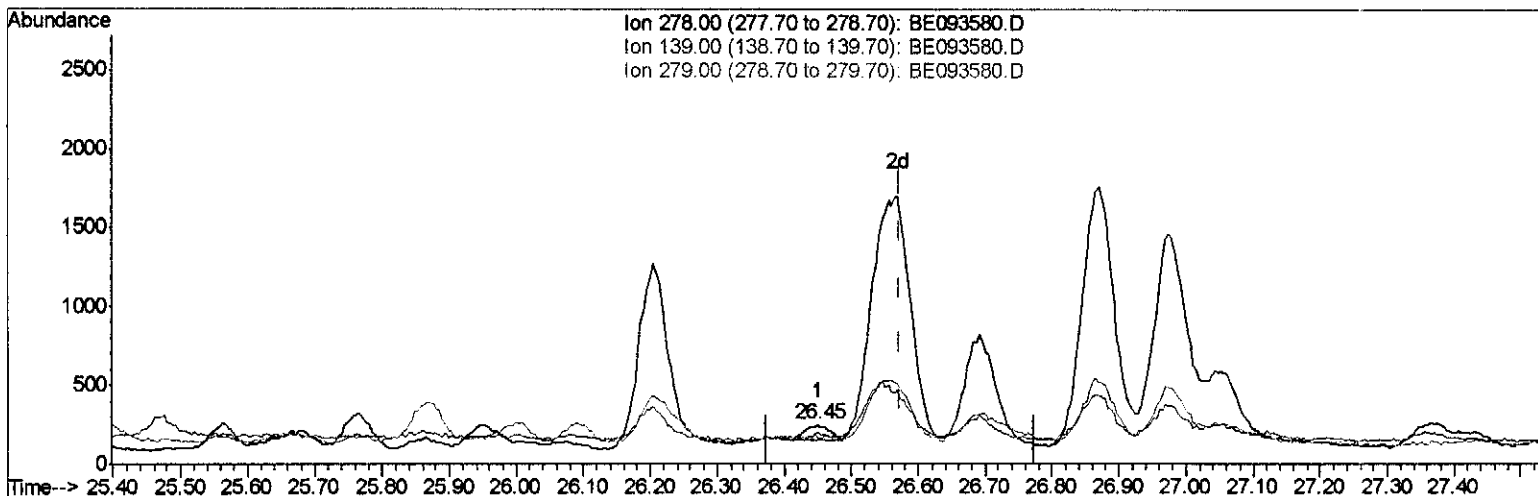
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(25) Dibenzo(a,h)anthracene

26.450min (-0.124) 0.01ng/ul

response 258

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	67.87#
279.00	32.40	79.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

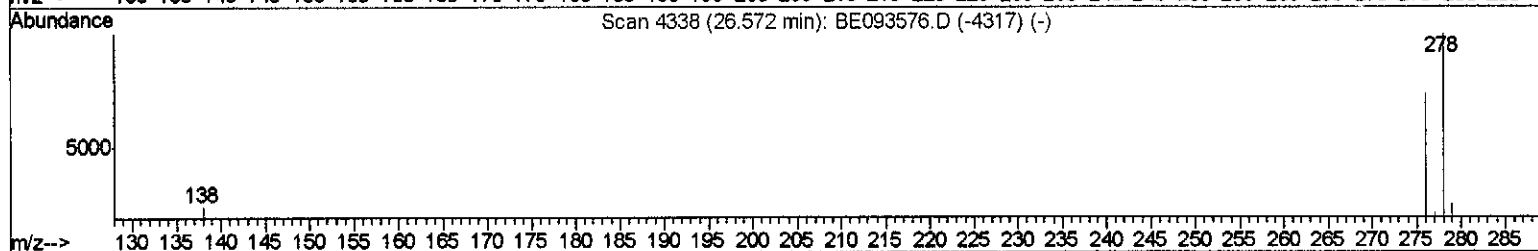
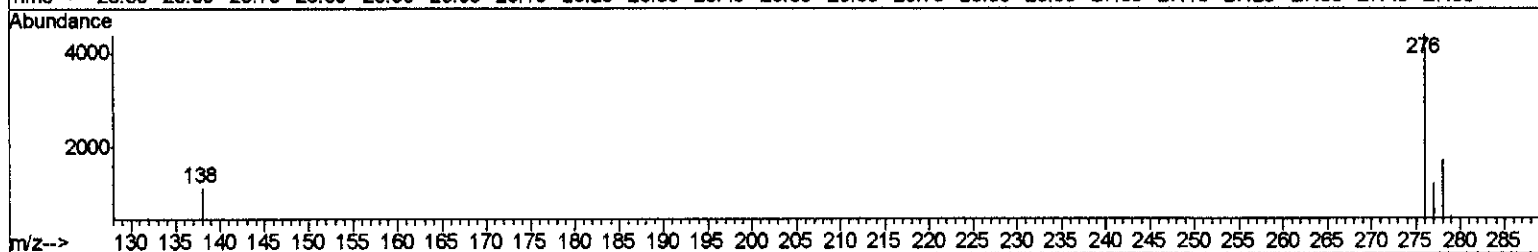
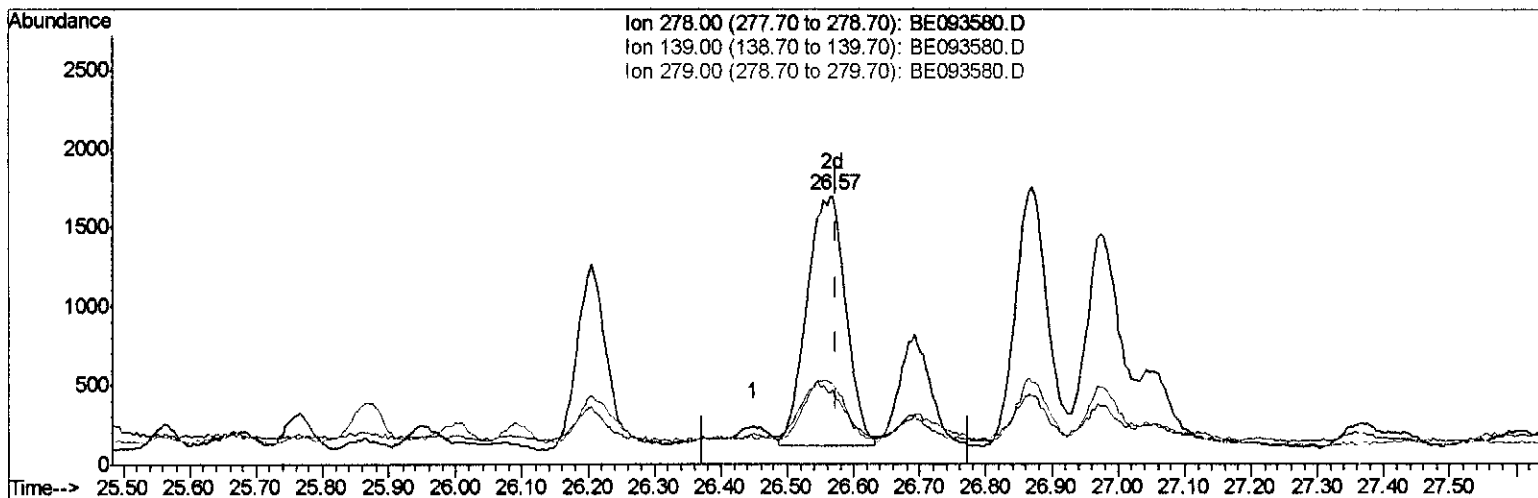
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

(25) Dibenzo(a,h)anthracene

26.568min (-0.005) 0.13ng/ul m

response 6432

SJ
8/8/17

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	27.61#
279.00	32.40	30.20
0.00	0.00	0.00

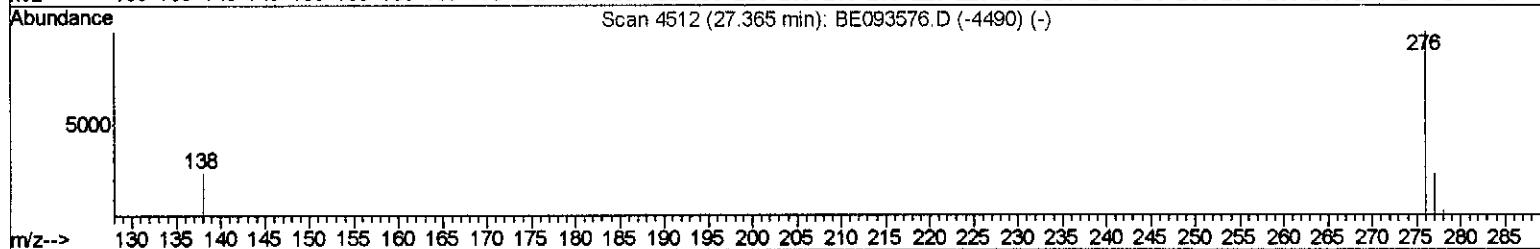
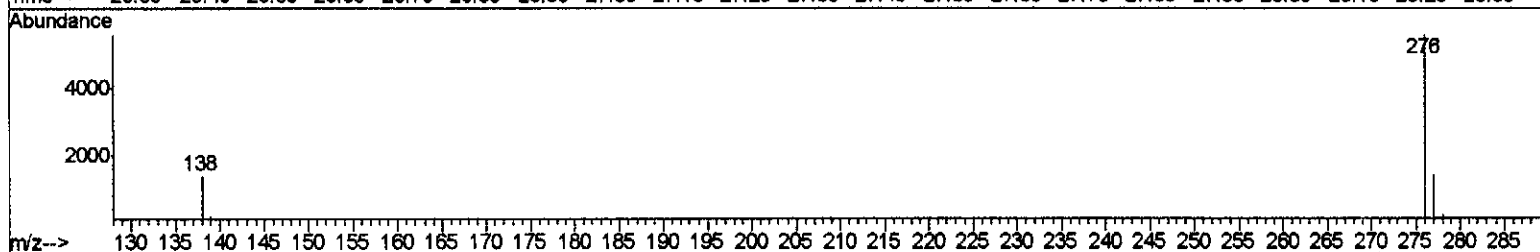
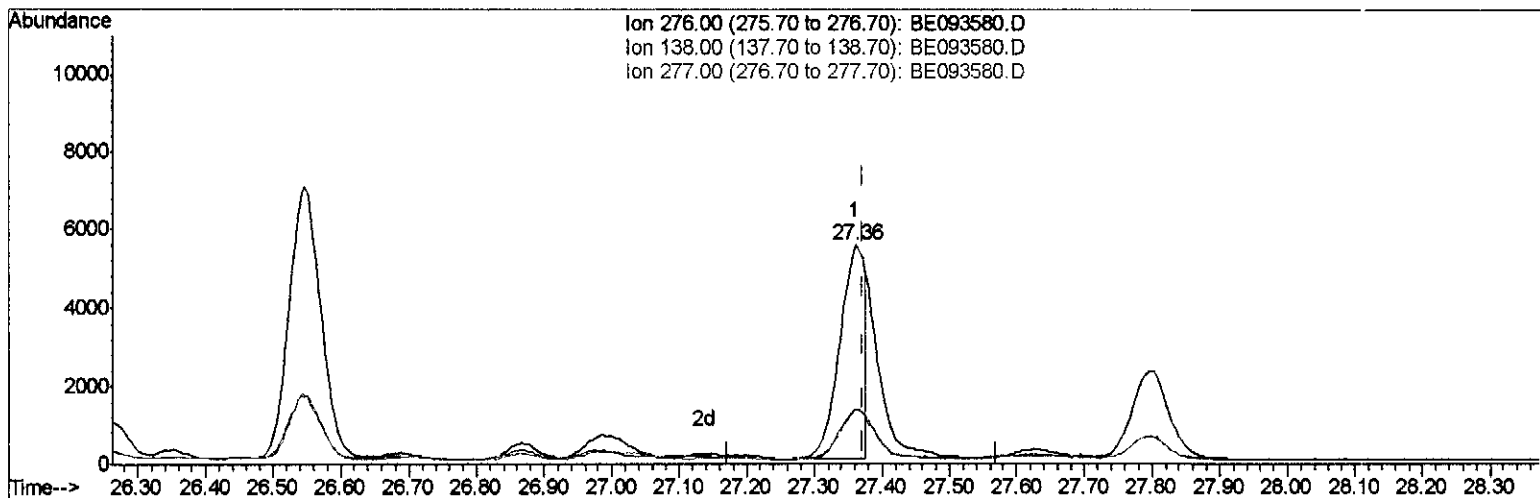
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Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

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

27.361min (-0.010) 0.29ng/ul

response 14236

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.57
277.00	25.60	25.34
0.00	0.00	0.00

Quantitation Report (Qedit)

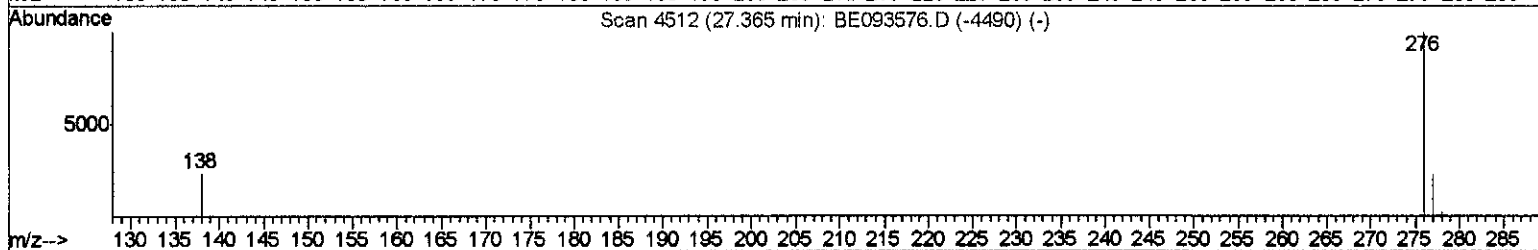
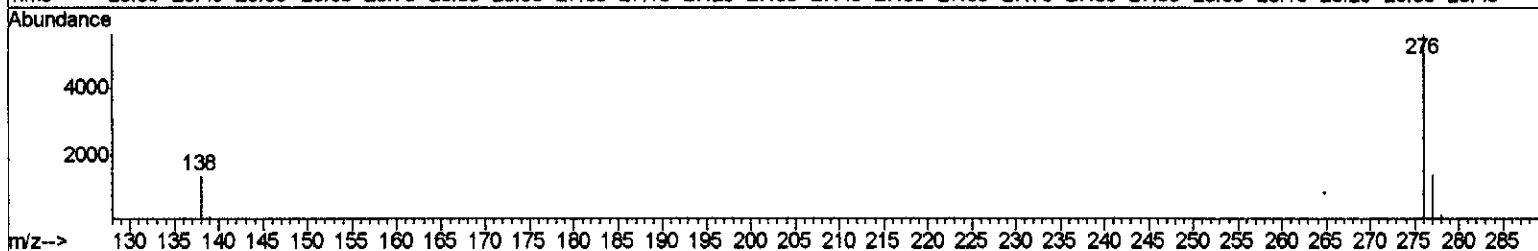
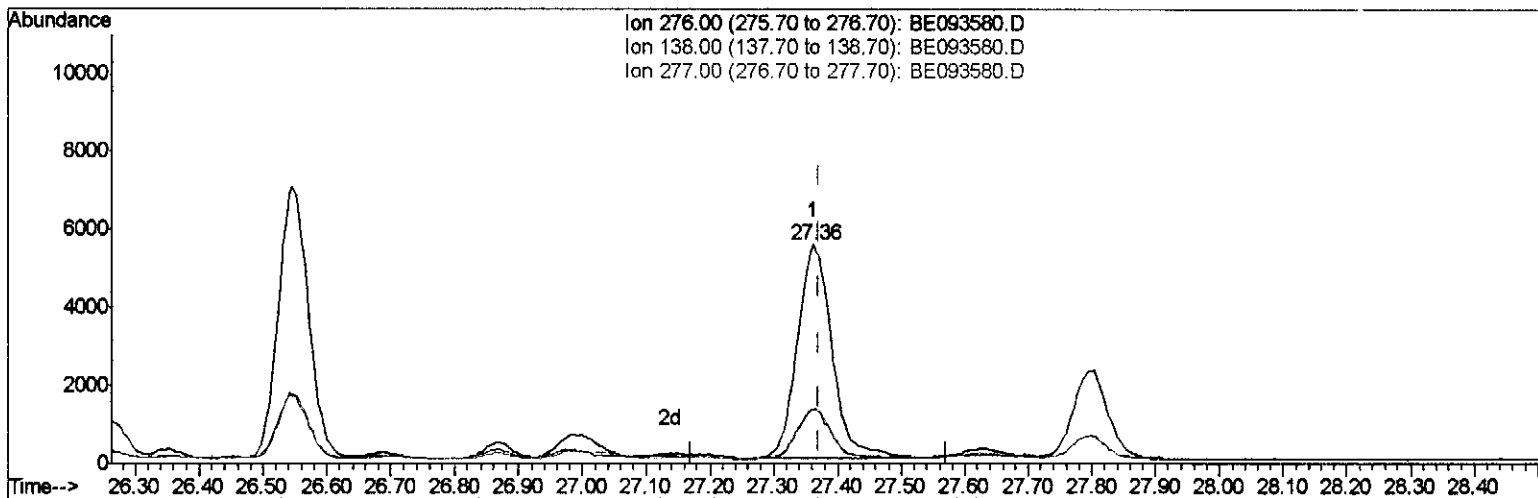
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
Data File : BE093580.D
Acq On : 25 Jul 2017 16:50
Operator : SJ/JU
Sample : I4209-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B00

Manual Integrations
APPROVED

Sohil
7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:18:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 18:00:47 2017
Response via : Initial Calibration



TIC: BE093580.D

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

27.361min (-0.010) 0.44ng/ul m

response 21033

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	24.57
277.00	25.60	25.34
0.00	0.00	0.00

SJ
8/8/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072517\
 Data File : BE093580.D
 Acq On : 25 Jul 2017 16:50
 Operator : SJ/JU
 Sample : I4209-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COB00

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:55:48 PM

Quant Time: Jul 25 18:22:02 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 18:00:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2258	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	12007	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8048	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	19245m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	21048	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	17633m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	5769	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	19993	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	34300	1.174	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	1769	0.083	ng/ul	98
7) Acenaphthylene	14.25	152	4298	0.128	ng/ul	100
9) Fluorene	15.57	166	922	0.028	ng/ul#	89
12) Phenanthrene	17.29	178	6934	0.132	ng/ul#	89
13) Anthracene	17.38	178	7306	0.143	ng/ul#	92
15) Fluoranthene	19.30	202	51104	0.780	ng/ul	84
17) Pyrene	19.67	202	43371	0.706	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	31554	0.517	ng/ul#	80
19) Chrysene	21.45	228	34992	0.598	ng/ul	97
21) Benzo(b)fluoranthene	23.15	252	46088	0.845	ng/ul	88
22) Benzo(k)fluoranthene	23.19	252	18074m	0.336	ng/ul	
23) Benzo(a)pyrene	23.80	252	37805m	0.729	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.55	276	23163m	0.404	ng/ul	
25) Dibenzo(a,h)anthracene	26.57	278	6432m	0.134	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	21033m	0.436	ng/ul	

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