

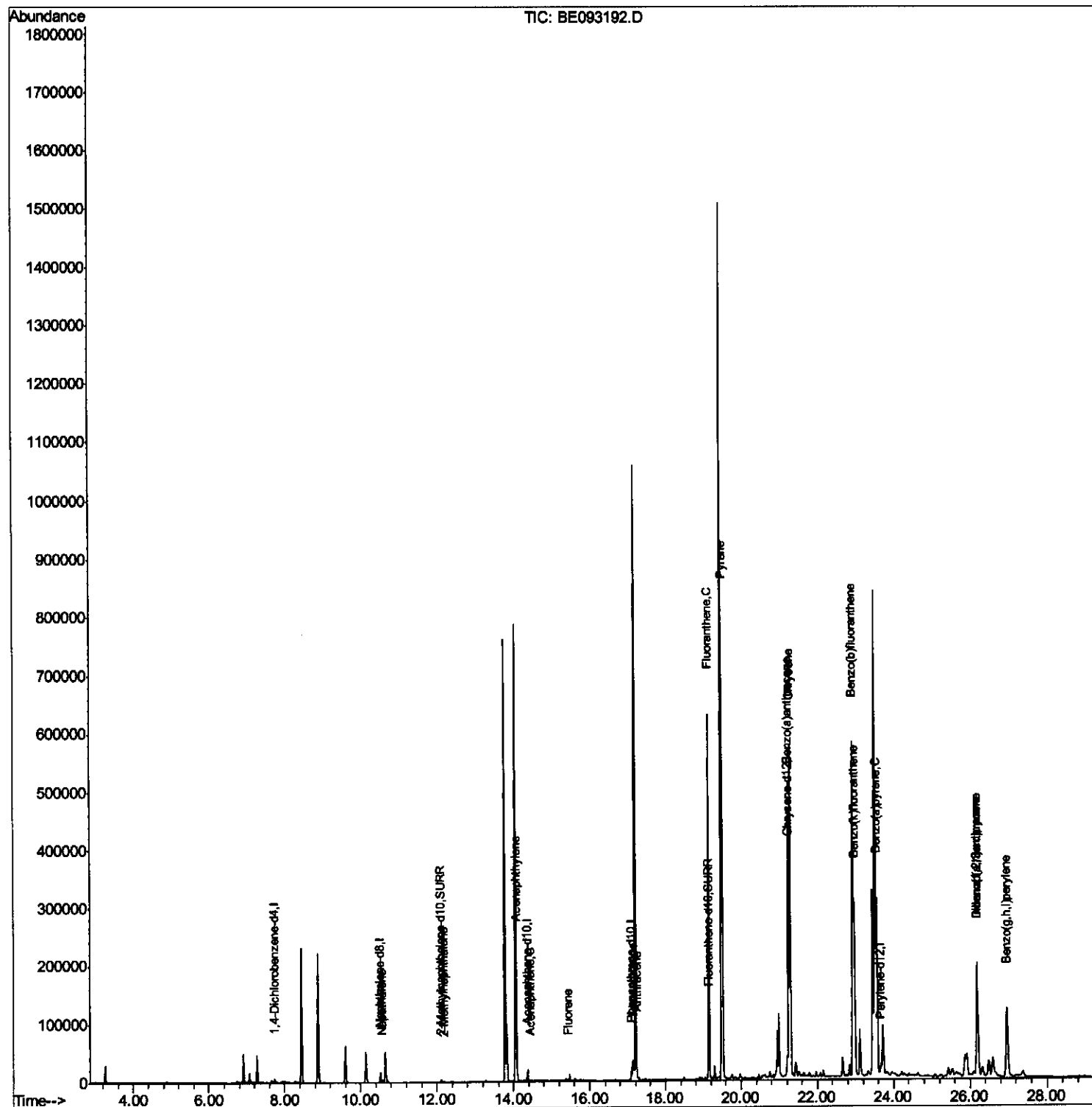
Data File : BE093192.D
Acq On : 15 Jun 2017 4:57
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C48

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:09 PM

Quant Time: Jun 15 06:35:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C48

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:09 PM

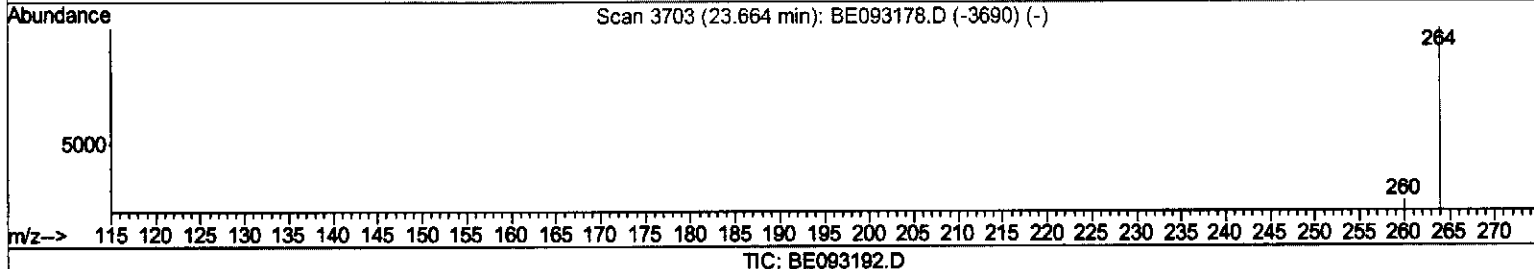
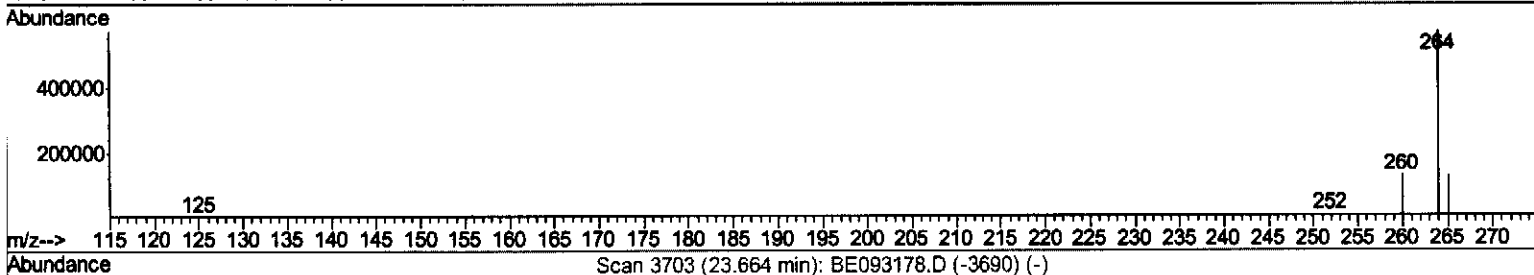
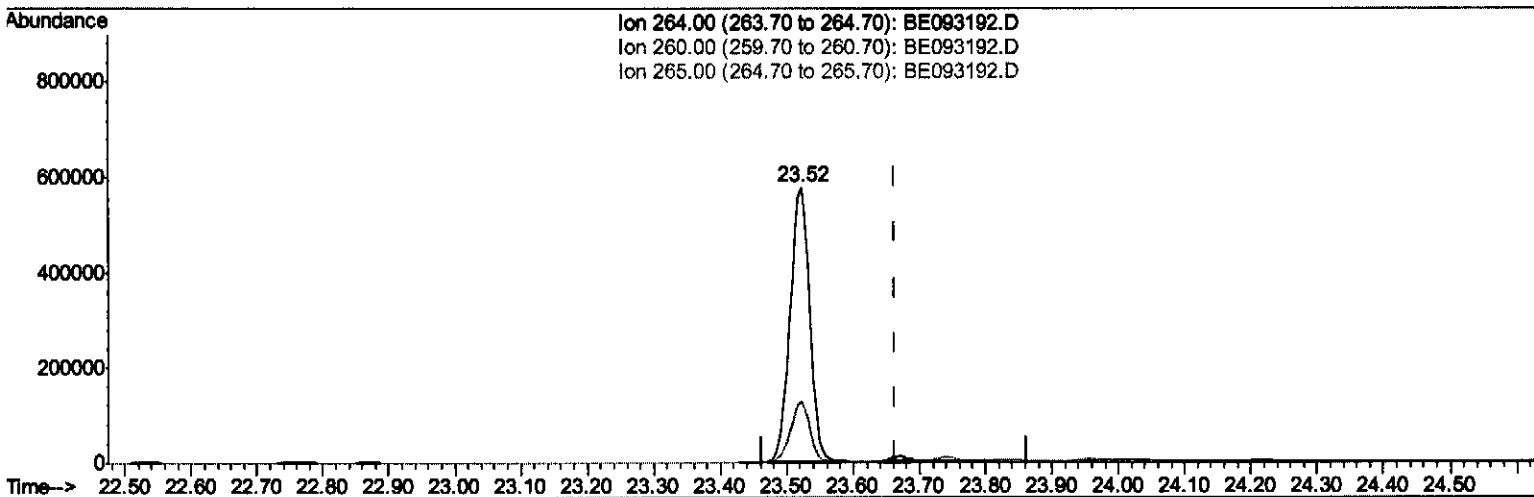
Quant Time: Jun 15 06:32:38 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(20) Perylene-d12 (I)

23.523min (-0.141) 0.40ng/ul

response 1178394

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	22.17#
265.00	103.50	21.78#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C48

Manual Integrations
APPROVED

mohammad
6/15/2017 3:54:09 PM

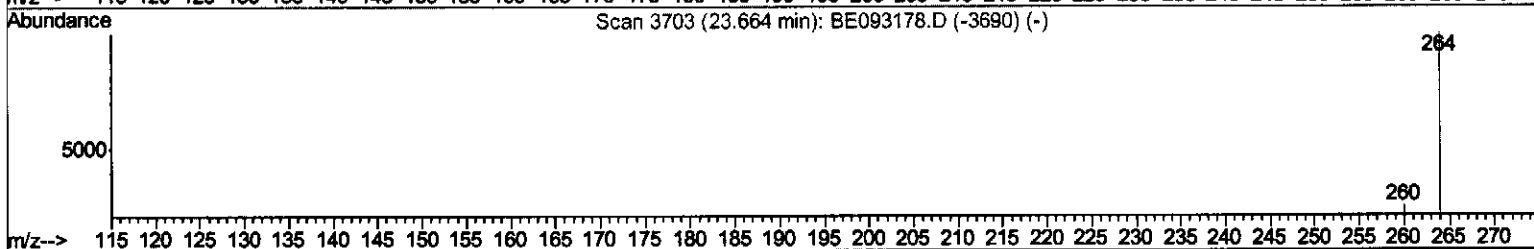
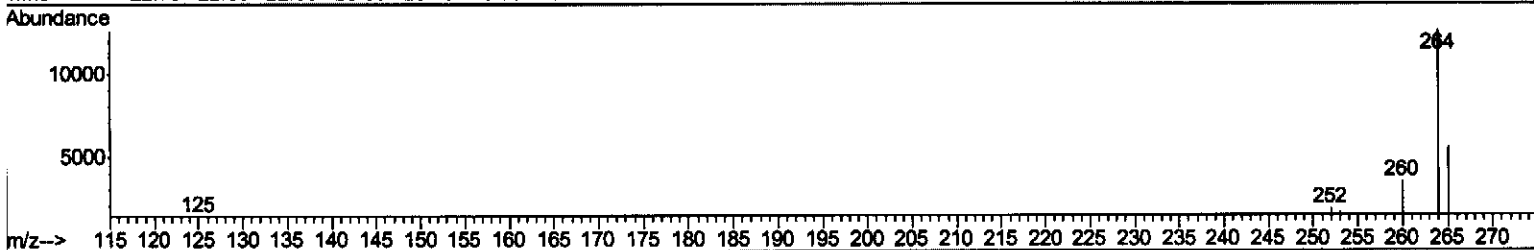
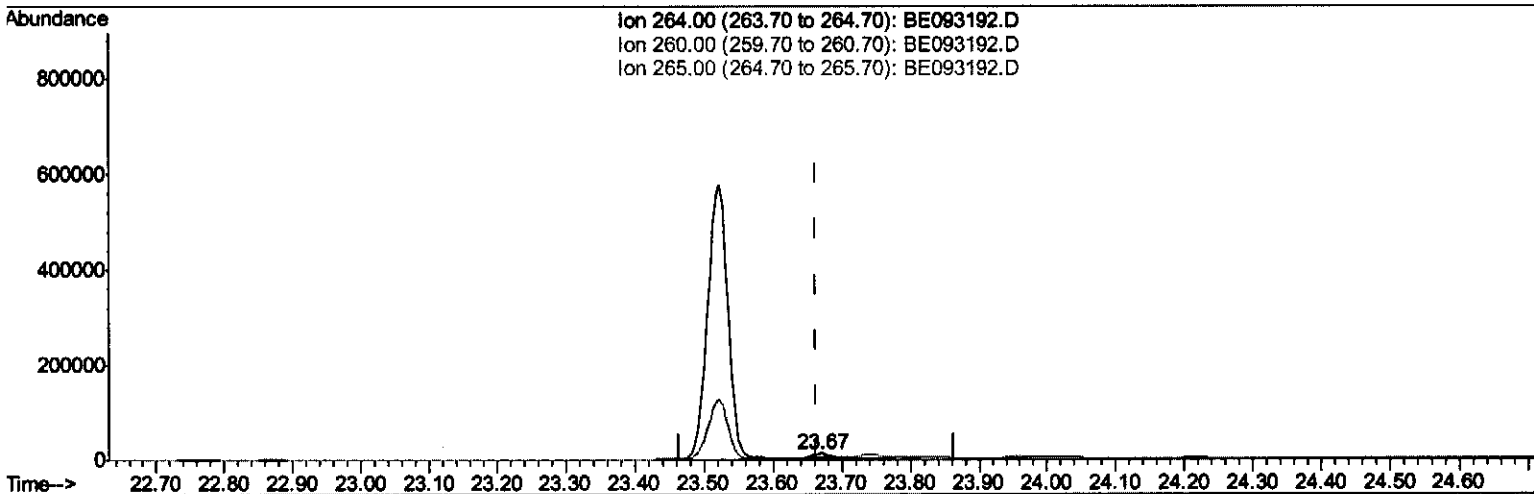
Quant Time: Jun 15 06:32:38 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



TIC: BE093192.D

(20) Perylene-d12 (I)

23.668min (+0.004) 0.40ng/ul m

response 21972

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	27.26
265.00	103.50	43.77#
0.00	0.00	0.00

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06/21/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C48

Manual Integrations
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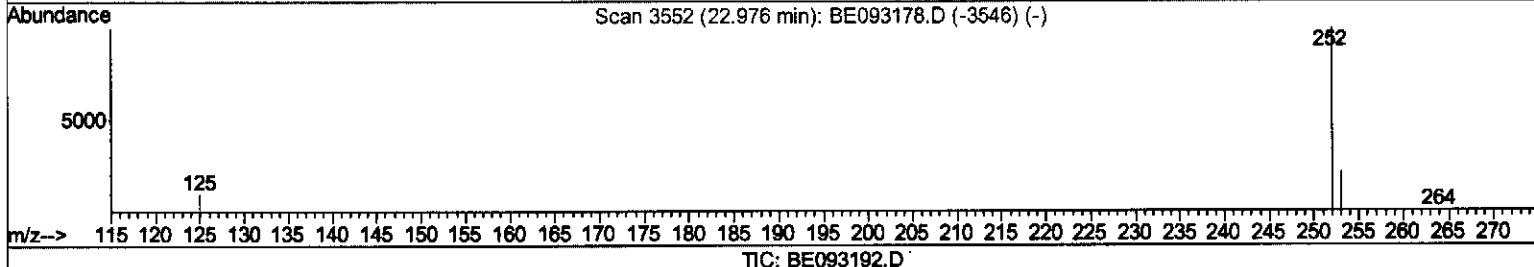
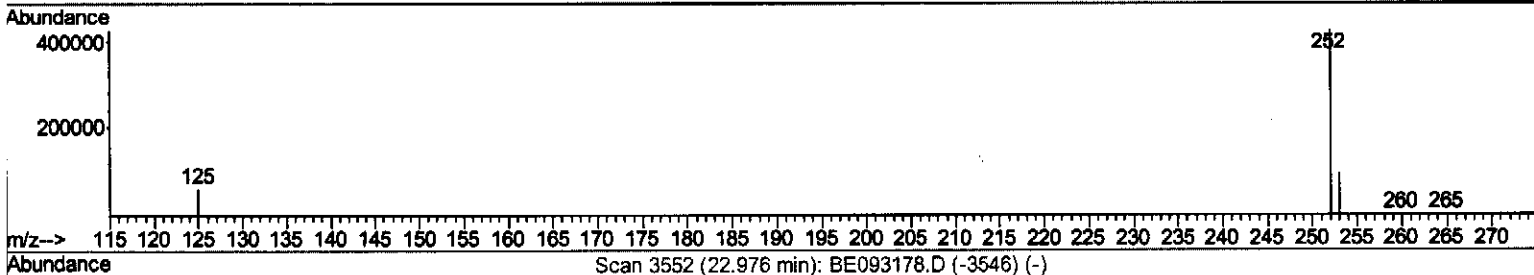
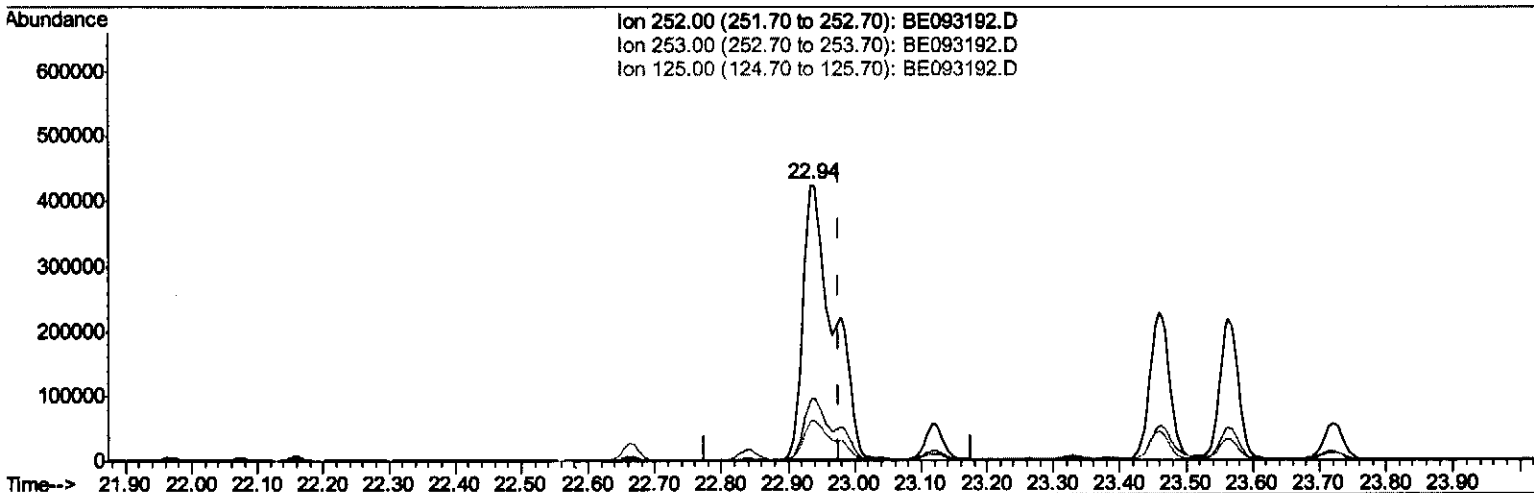
Quant Time: Jun 15 06:34:41 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.935min (-0.041) 18.77ng/ul

response 1328937

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.38#
125.00	17.10	14.47
0.00	0.00	0.00

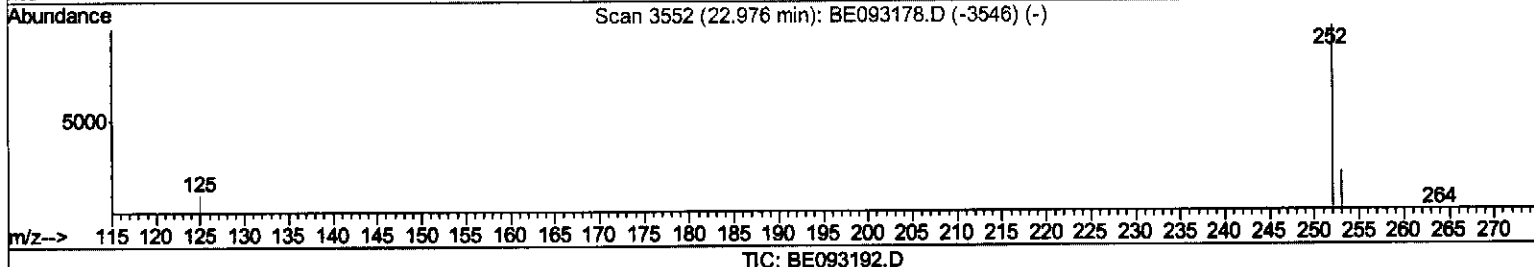
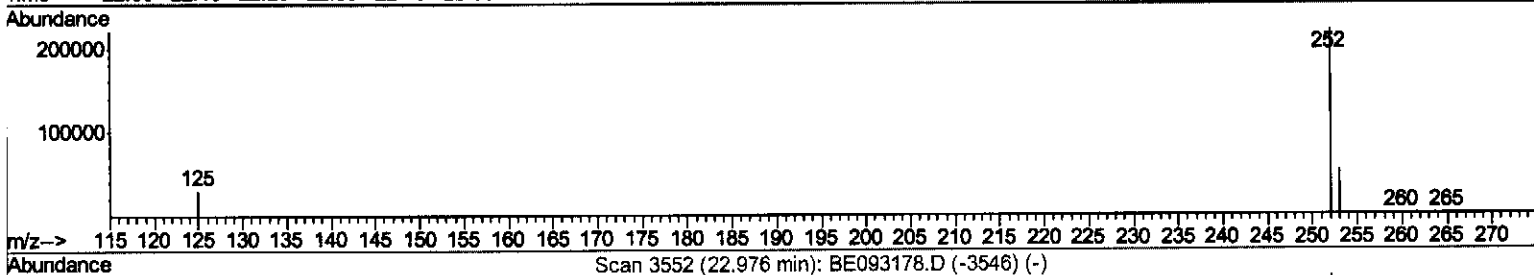
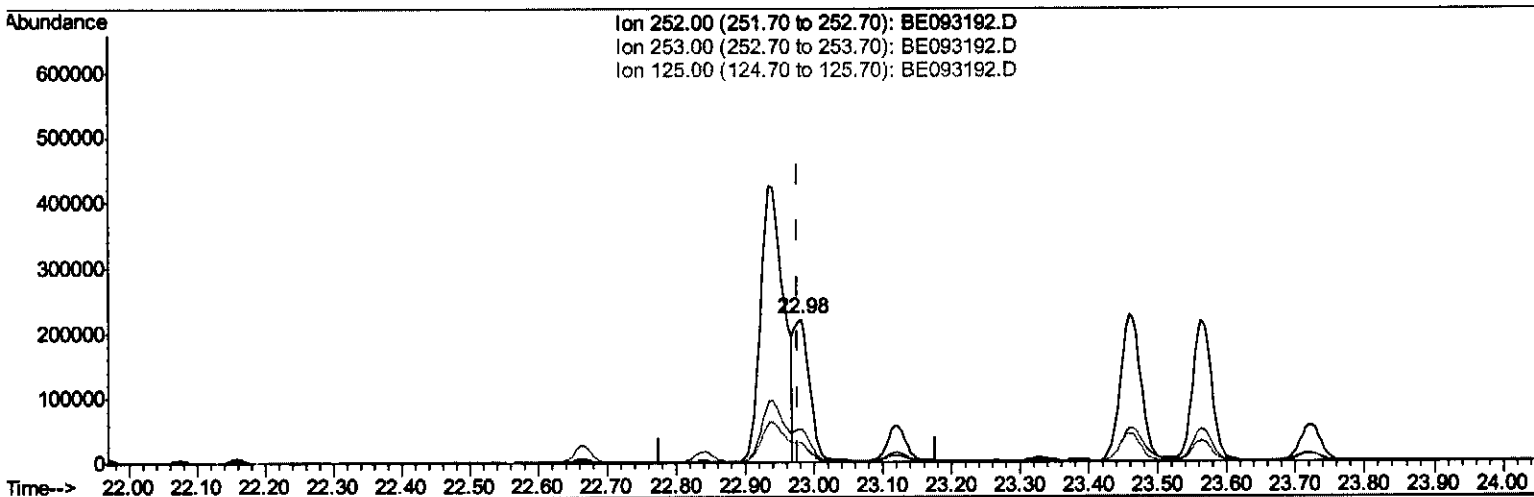
Data File : BE093192.D
Acq On : 15 Jun 2017 4:57
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C48

Manual Integrations
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6/15/2017 3:54:09 PM

Quant Time: Jun 15 06:34:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.981min (+0.004) 4.97ng/ul m

response 352079

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.88#
125.00	17.10	13.88
0.00	0.00	0.00

33
06/21/17

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C48

Manual Integrations
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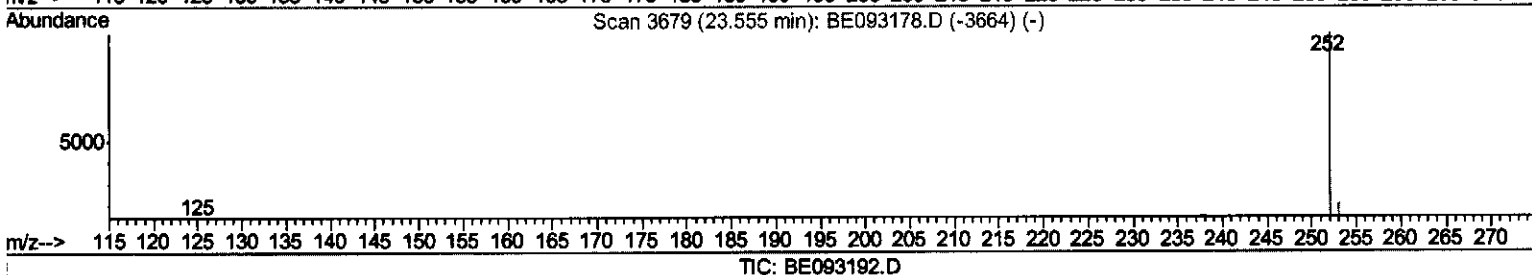
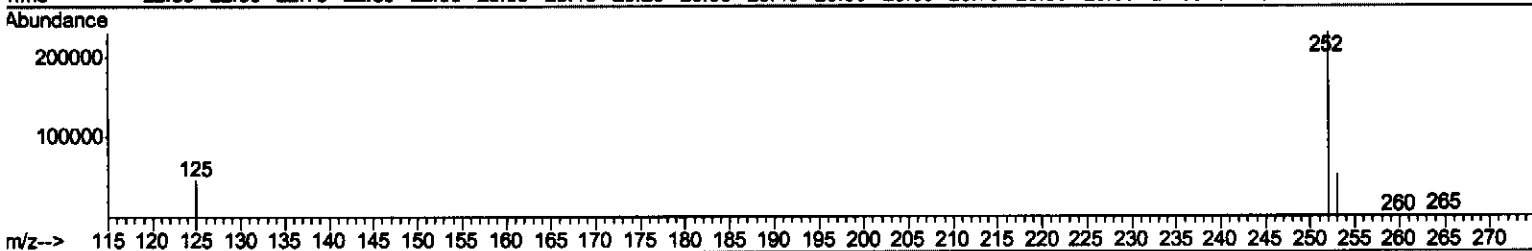
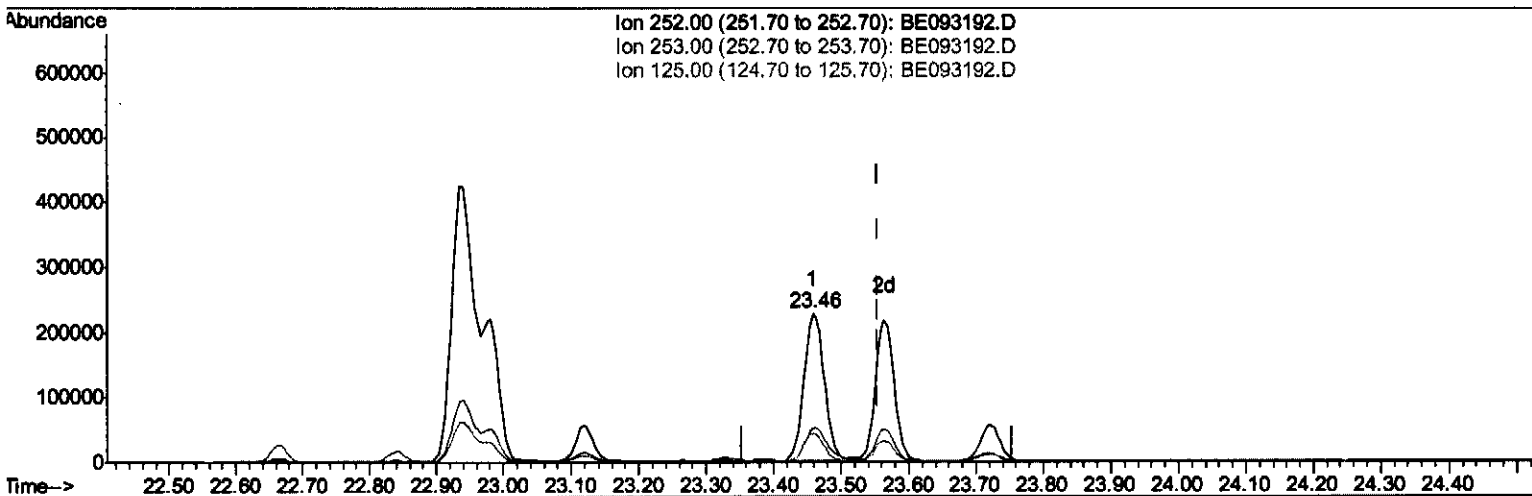
Quant Time: Jun 15 06:34:41 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.459min (-0.096) 7.50ng/ul

response 473086

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.76#
125.00	22.60	19.82
0.00	0.00	0.00

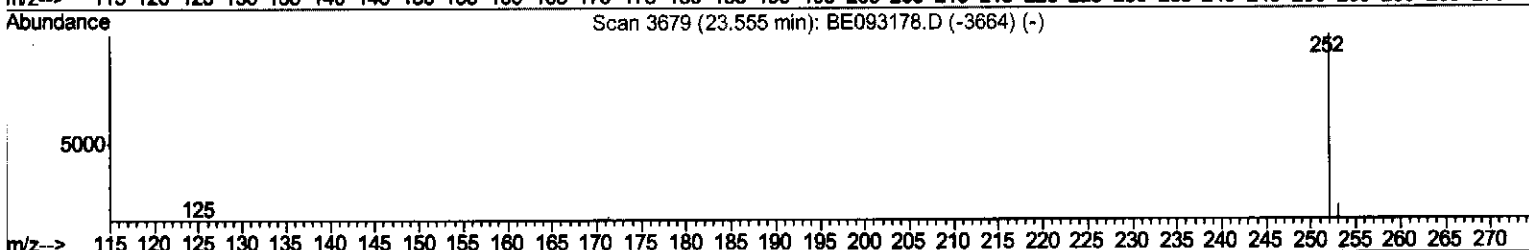
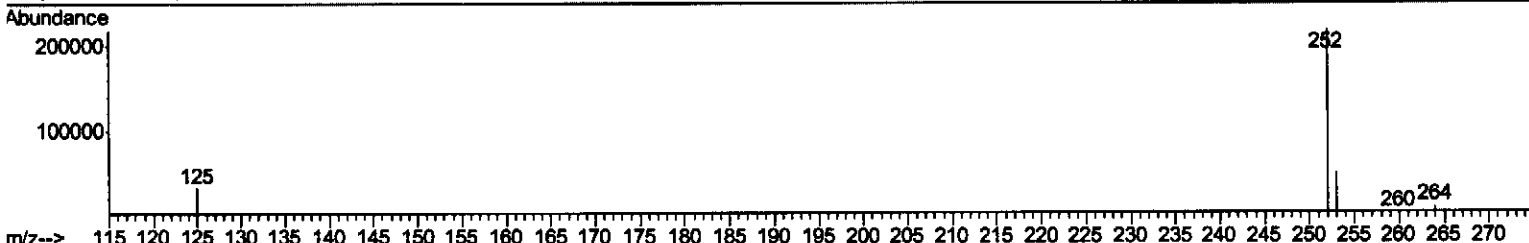
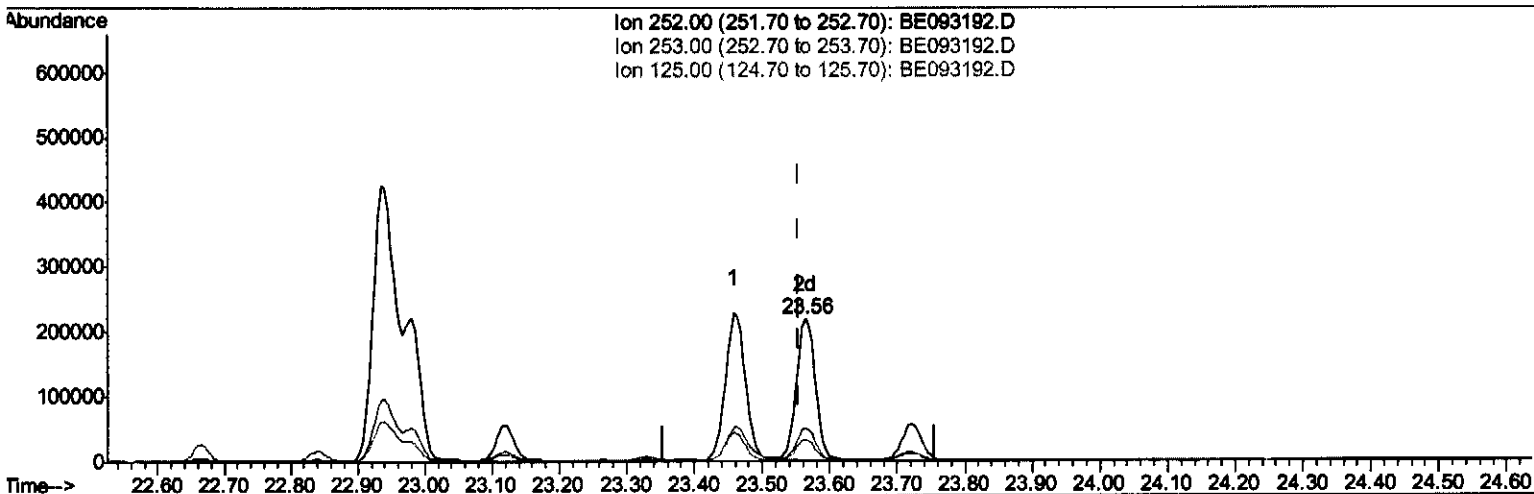
Data File : BE093192.D
Acq On : 15 Jun 2017 4:57
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C48

Manual Integrations
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Quant Time: Jun 15 06:34:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



TIC: BE093192.D

(23) Benzo(a)pyrene (C)

23.564min (+0.009) 6.68ng/ul m

response 421233

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	22.88#
125.00	22.60	15.16#
0.00	0.00	0.00

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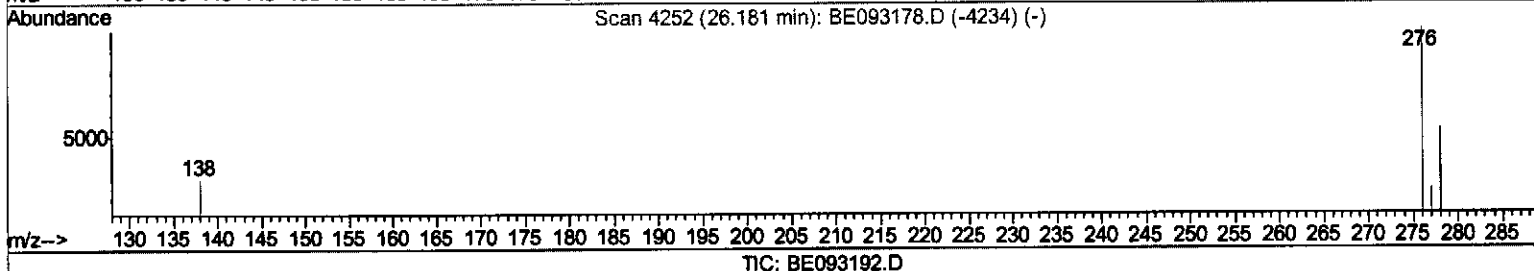
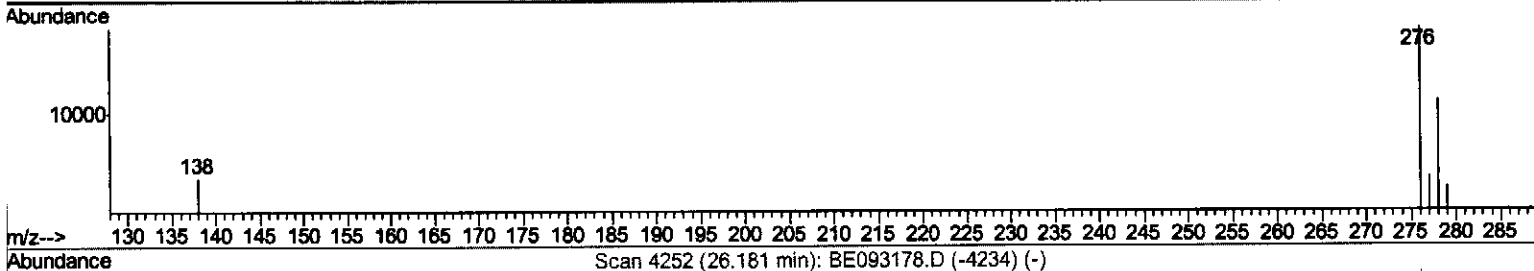
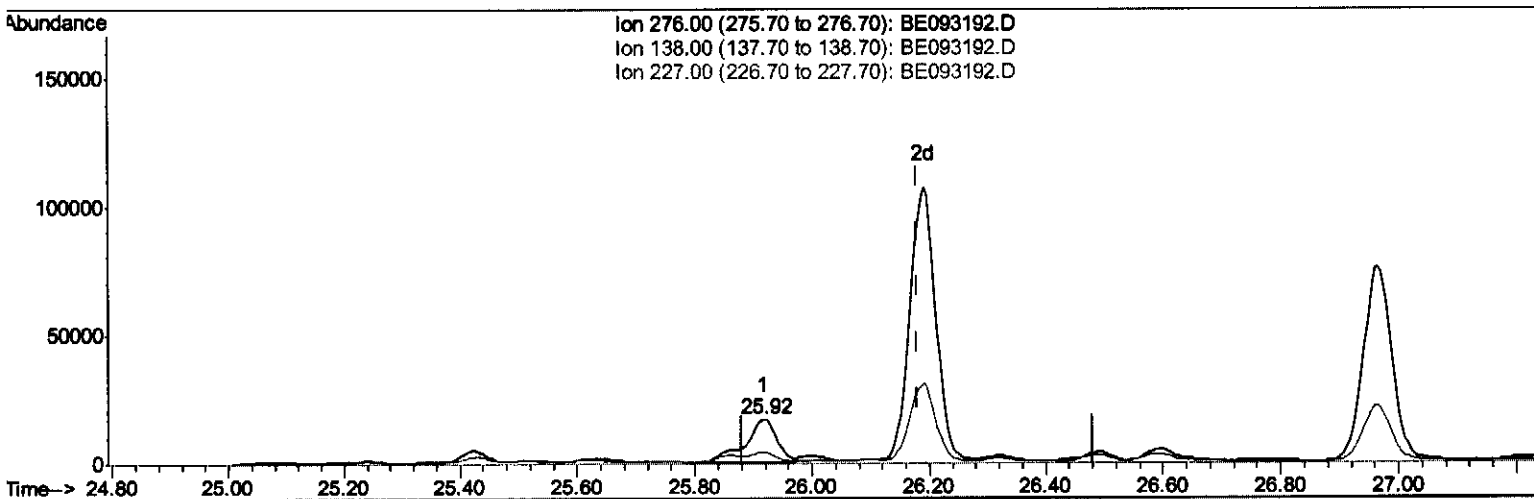
Data File : BE093192.D
Acq On : 15 Jun 2017 4:57
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
F5C48

Manual Integrations
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6/15/2017 3:54:09 PM

Quant Time: Jun 15 06:34:41 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration



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

25.918min (-0.263) 0.87ng/ul

response 63266

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	17.26#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C48

Manual Integrations
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6/15/2017 3:54:09 PM

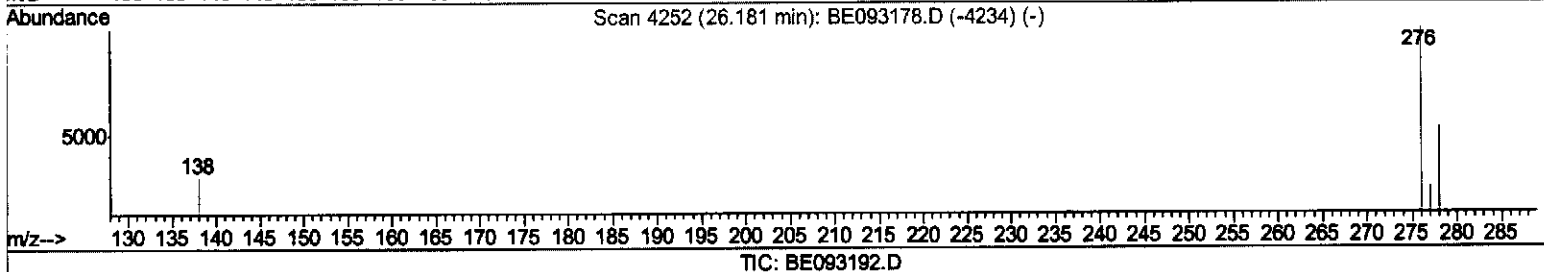
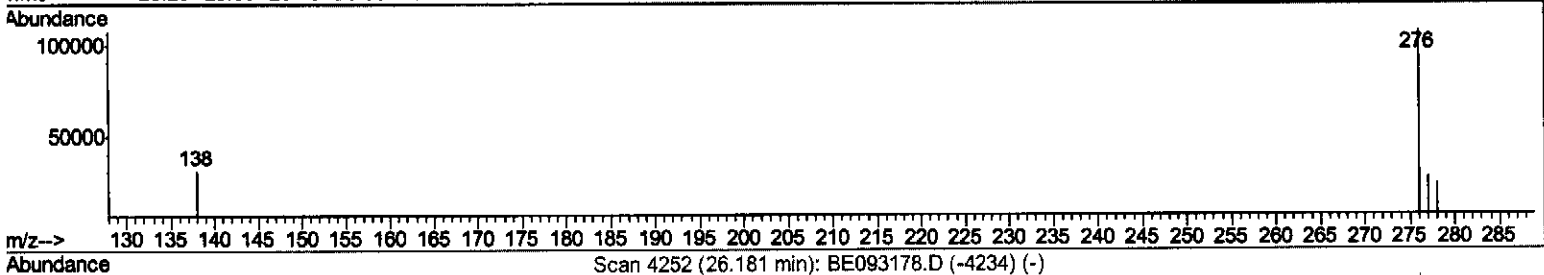
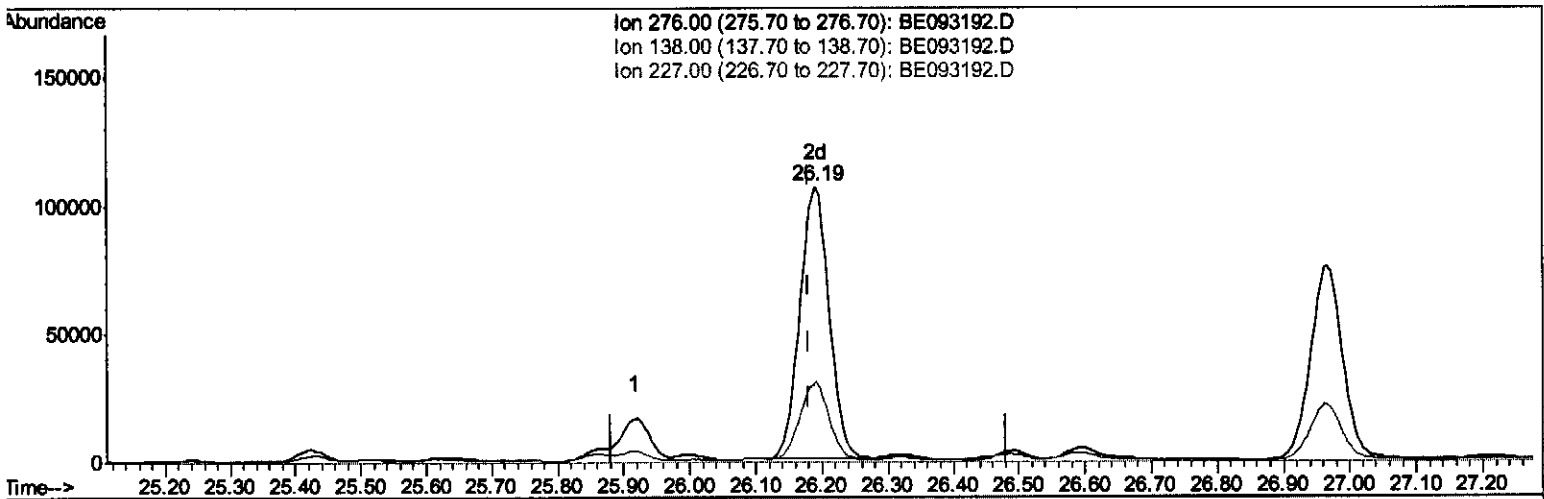
Quant Time: Jun 15 06:34:41 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



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

26.191min (+0.011) 4.42ng/ul m

response 322857

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	3.38#
227.00	10.00	0.00#
0.00	0.00	0.00

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06/21/17

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampleId :

F5C48

Manual Integrations

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6/15/2017 3:54:09 PM

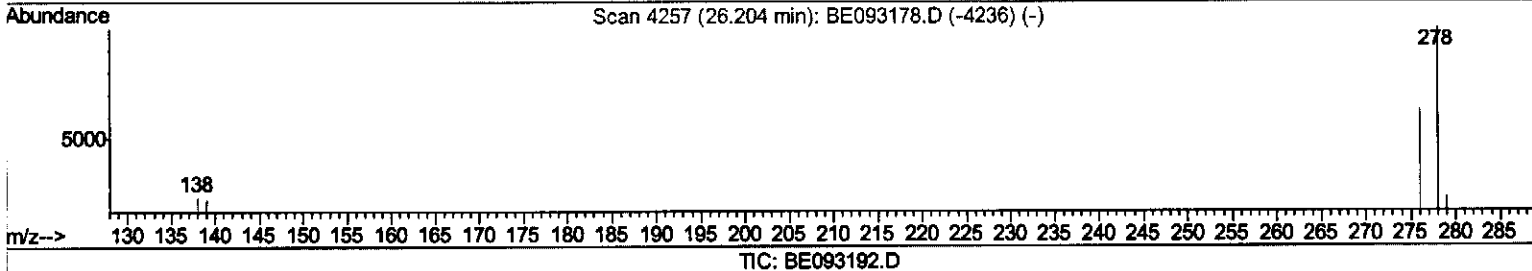
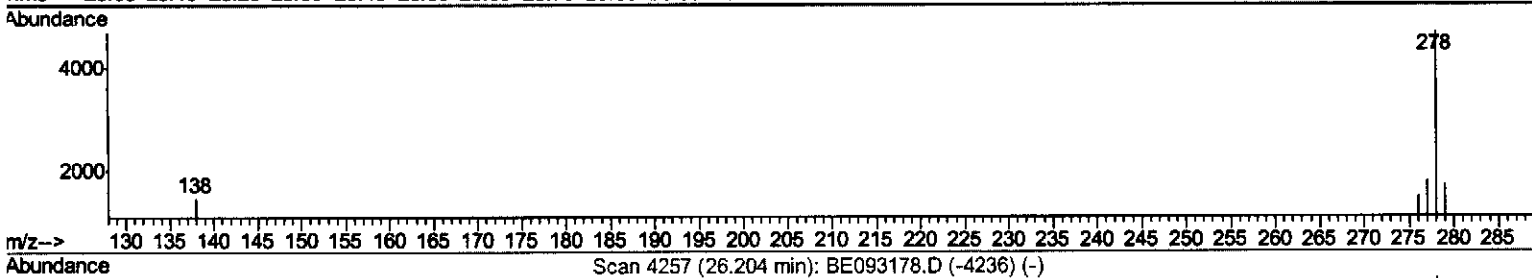
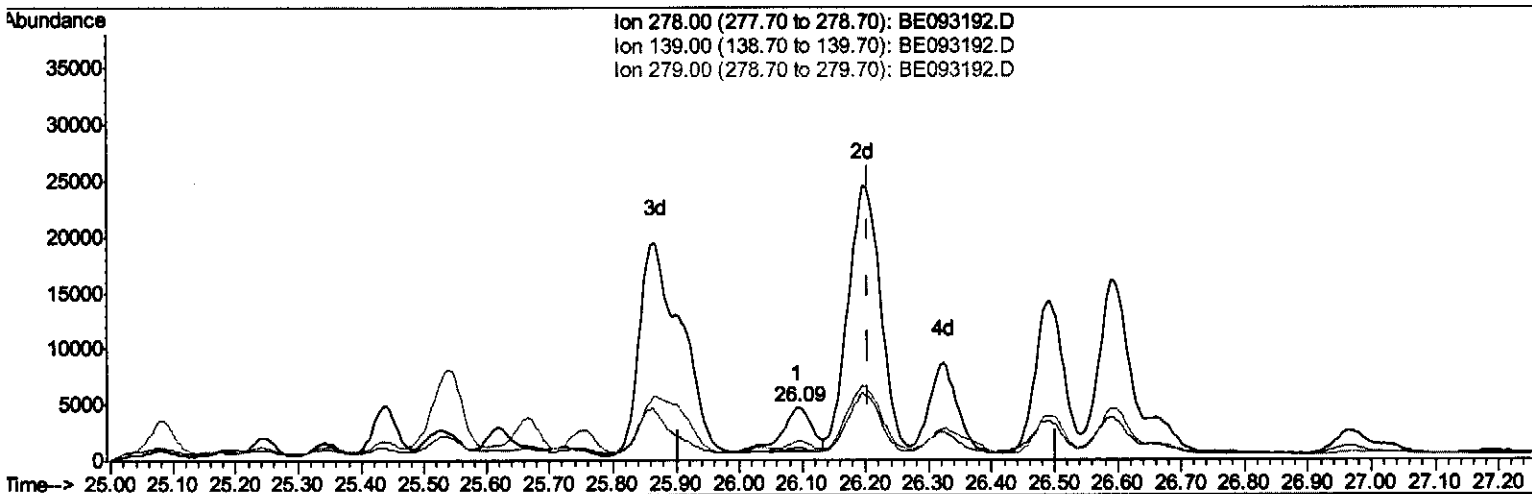
Quant Time: Jun 15 06:34:41 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.091min (-0.112) 0.20ng/ul

response 12574

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	23.41
279.00	32.40	36.47
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\

Quantitation Report (Qedit)

Data File : BE093192.D

Acq On : 15 Jun 2017 4:57

Operator : SJ/MA

Sample : I3521-05

Misc :

ALS Vial : 29 Sample Multiplier: 1

Instrument :

BNA_E

ClientSampled :

F5C48

Manual Integrations
APPROVED

mohammad

6/15/2017 3:54:09 PM

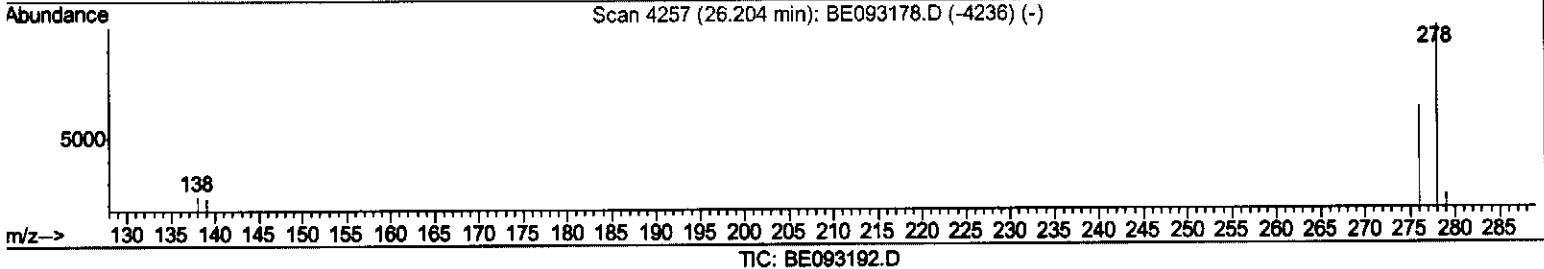
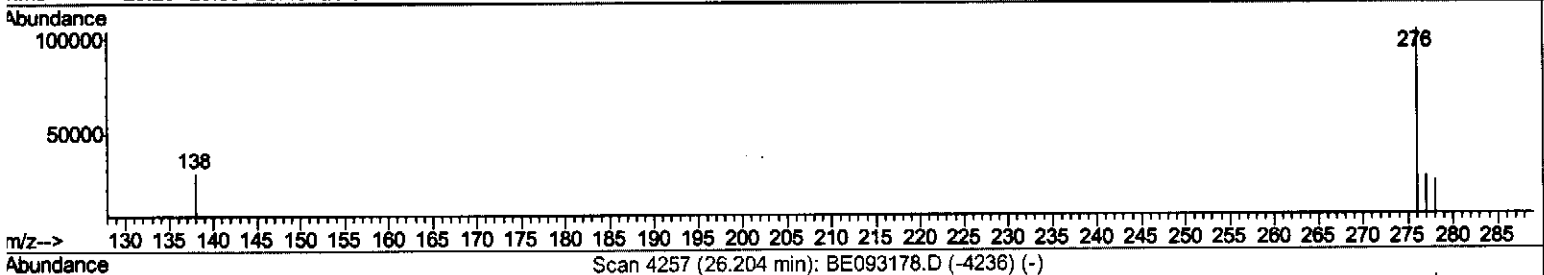
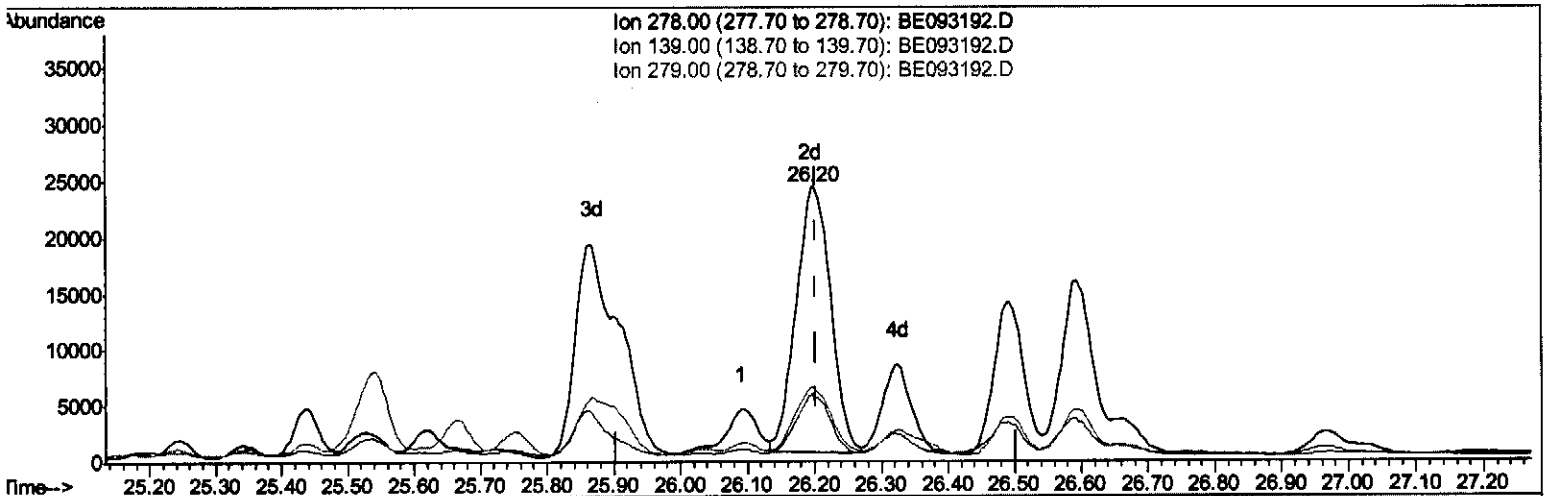
Quant Time: Jun 15 06:34:41 2017

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 15 03:59:13 2017

Response via : Initial Calibration



TIC: BE093192.D

(25) Dibenzo(a,h)anthracene

26.196min (-0.008) 1.37ng/ul m

response 84503

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	24.75
279.00	32.40	27.22
0.00	0.00	0.00

> SJ
06/21/17

Data File : BE093192.D
Acq On : 15 Jun 2017 4:57
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F5C48

Manual Integrations
APPROVED
mohammad
6/15/2017 3:54:09 PM

Quant Time: Jun 15 06:35:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3375	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	18081	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	11309	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	26425	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	27167	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	21972m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.11	152	5978	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17001	0.24	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.57	128	5814	0.13	ng/ul#	94
5) 2-Methylnaphthalene	12.19	142	1269	0.04	ng/ul	96
7) Acenaphthylene	14.09	152	68782	1.42	ng/ul	95
8) Acenaphthene	14.43	153	1411	0.04	ng/ul#	93
9) Fluorene	15.42	166	1788	0.04	ng/ul#	88
12) Phenanthrene	17.13	178	40027	0.55	ng/ul#	85
13) Anthracene	17.24	178	59254	0.94	ng/ul	92
15) Fluoranthene	19.16	202	666101	7.47	ng/ul	84
17) Pyrene	19.52	202	803358	10.03	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	402775	5.56	ng/ul#	83
19) Chrysene	21.30	228	641171	8.53	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	985551	14.78	ng/ul	86
22) Benzo(k)fluoranthene	22.98	252	352079m	4.97	ng/ul	
23) Benzo(a)pyrene	23.56	252	421233m	6.68	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	322857m	4.42	ng/ul	
25) Dibenzo(a,h)anthracene	26.20	278	84503m	1.37	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	254367	4.06	ng/ul	97

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

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06/21/17

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06/21/17