

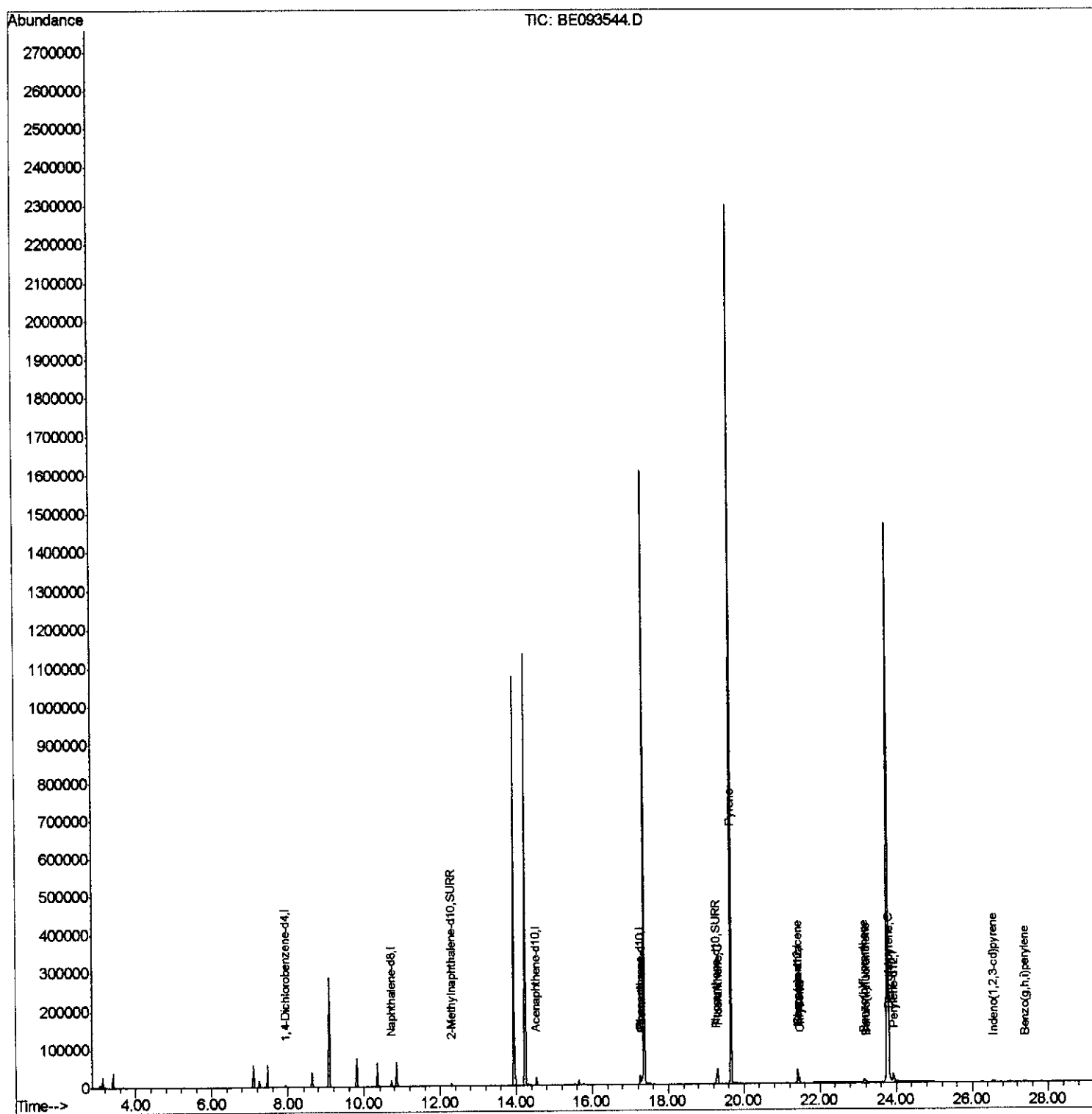
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:32:02 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 18:07:15 2017
Response via : Initial Calibration



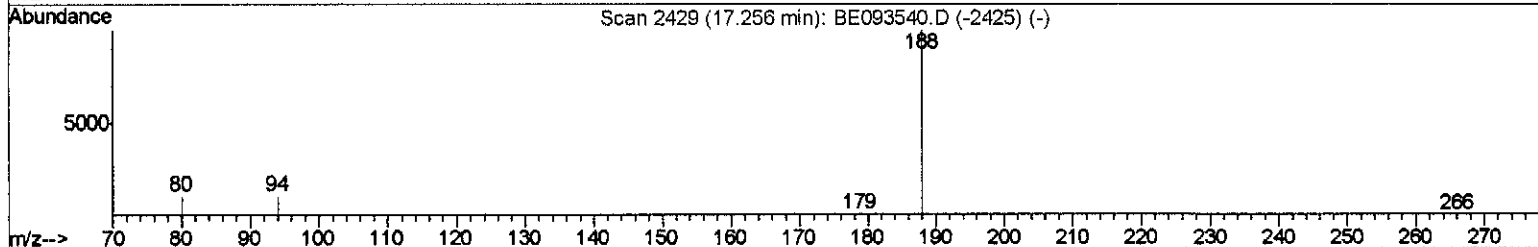
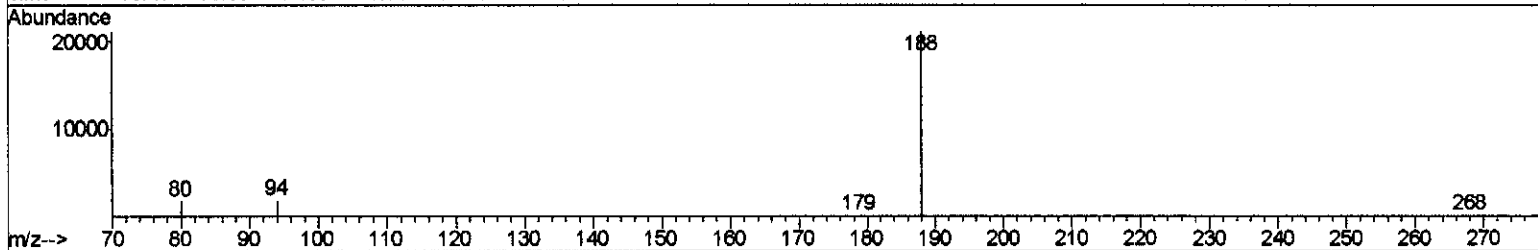
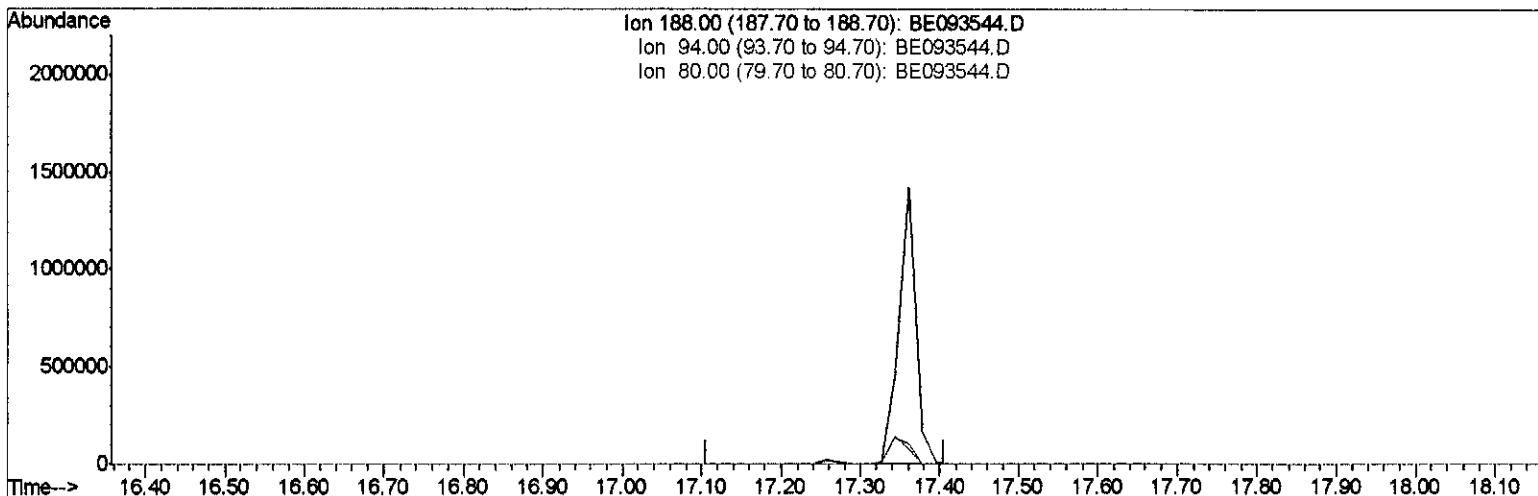
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
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Instrument :
BNA_E
ClientSampleId :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:25:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 18:07:15 2017
Response via : Initial Calibration



TIC: BE093544.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

Quantitation Report (Qedit)

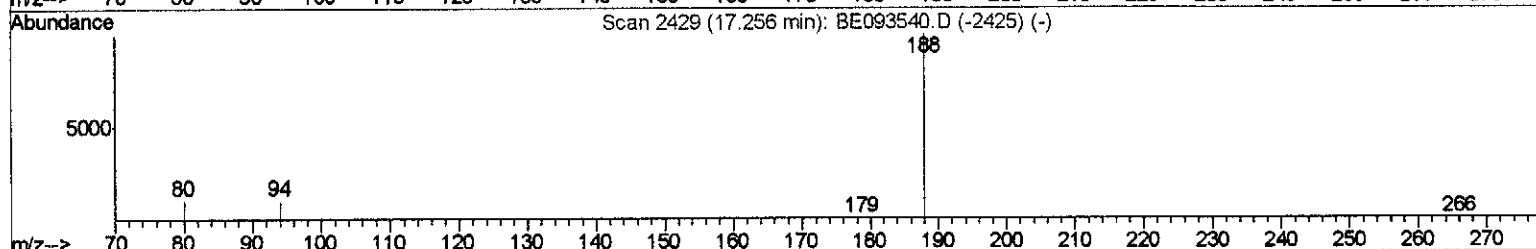
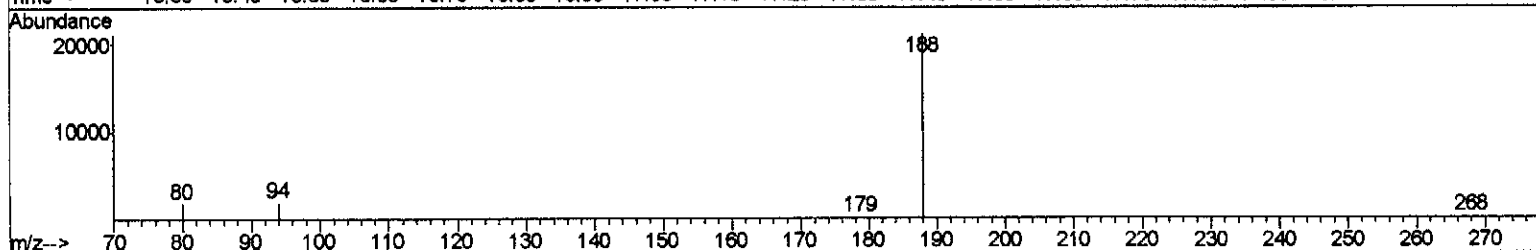
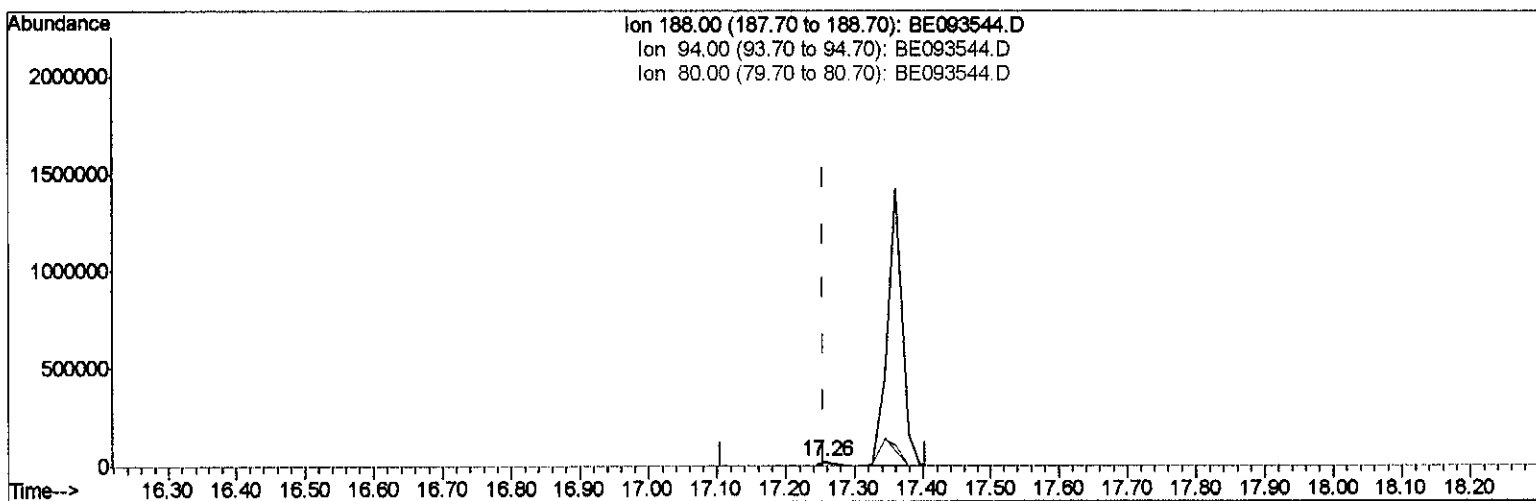
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:25:54 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 18:07:15 2017
Response via : Initial Calibration



TIC: BE093544.D

(10) Phenanthrene-d10 (I)

17.257min (+0.001) 0.40ng/ul m

response 30347

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.70#
80.00	11.80	8.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

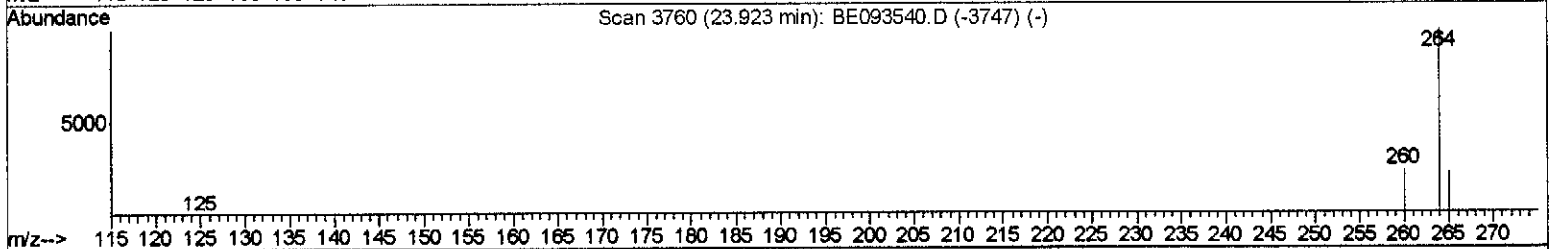
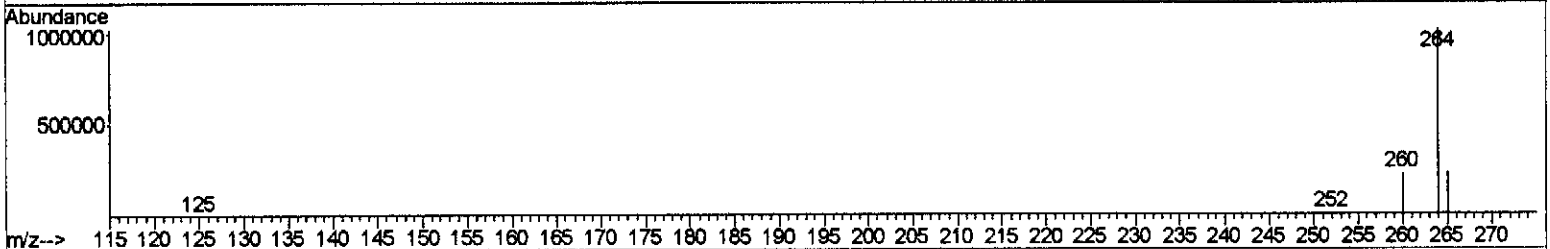
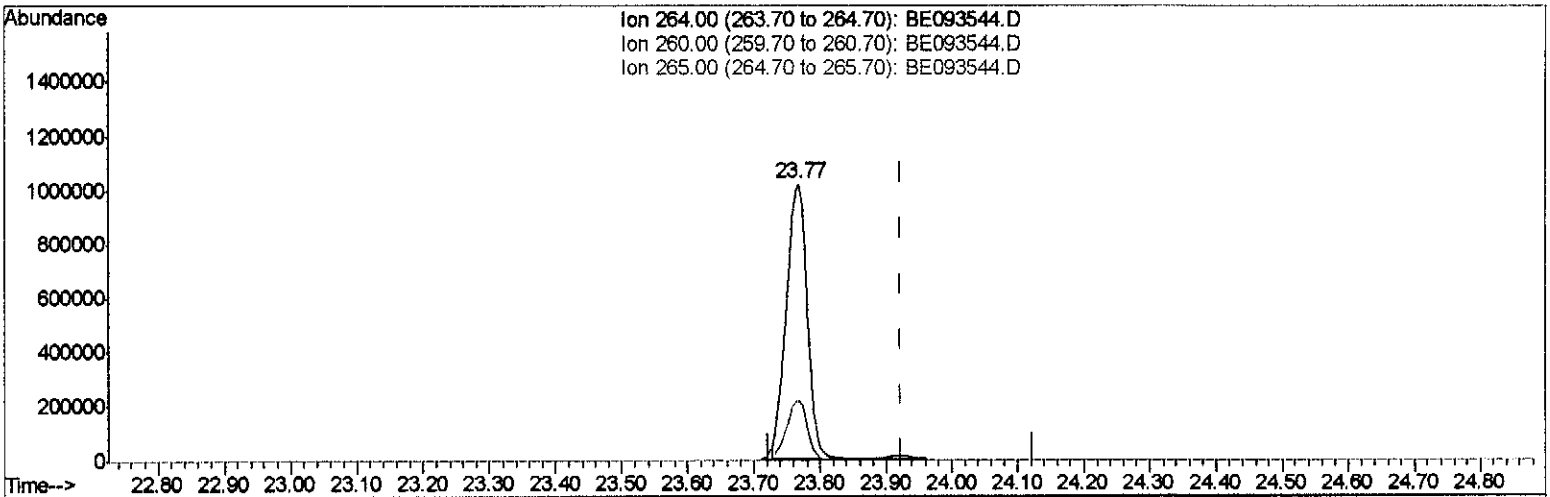
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093544.D
 Acq On : 24 Jul 2017 18:42
 Operator : SJ/JU
 Sample : I4214-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B75

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:26:48 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 18:07:15 2017
 Response via : Initial Calibration



TIC: BE093544.D

(20) Perylene-d12 (I)

23.768min (-0.155) 0.40ng/ul

response 2229061

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.35#
265.00	103.50	21.86#
0.00	0.00	0.00

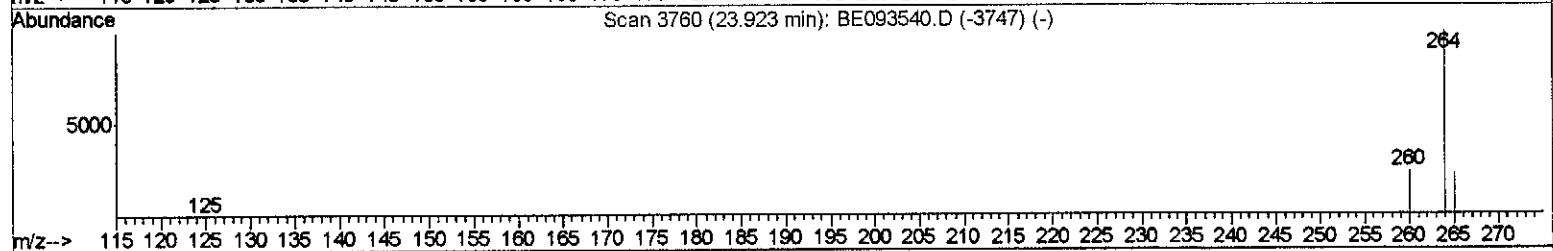
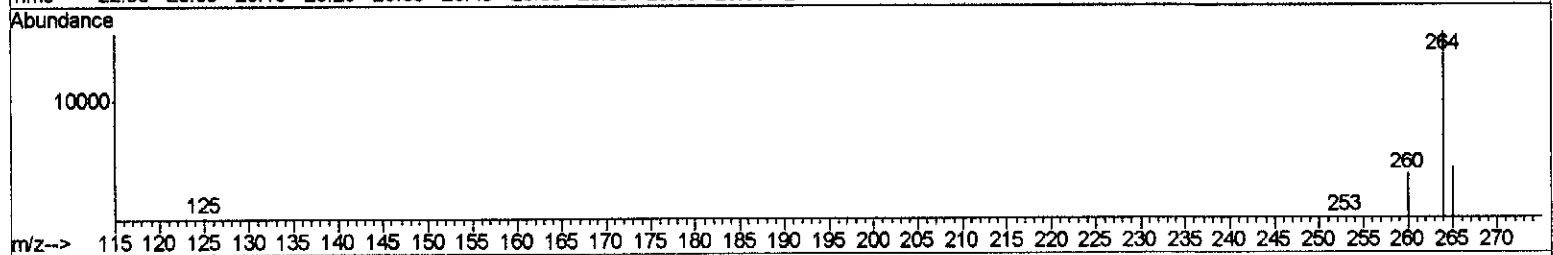
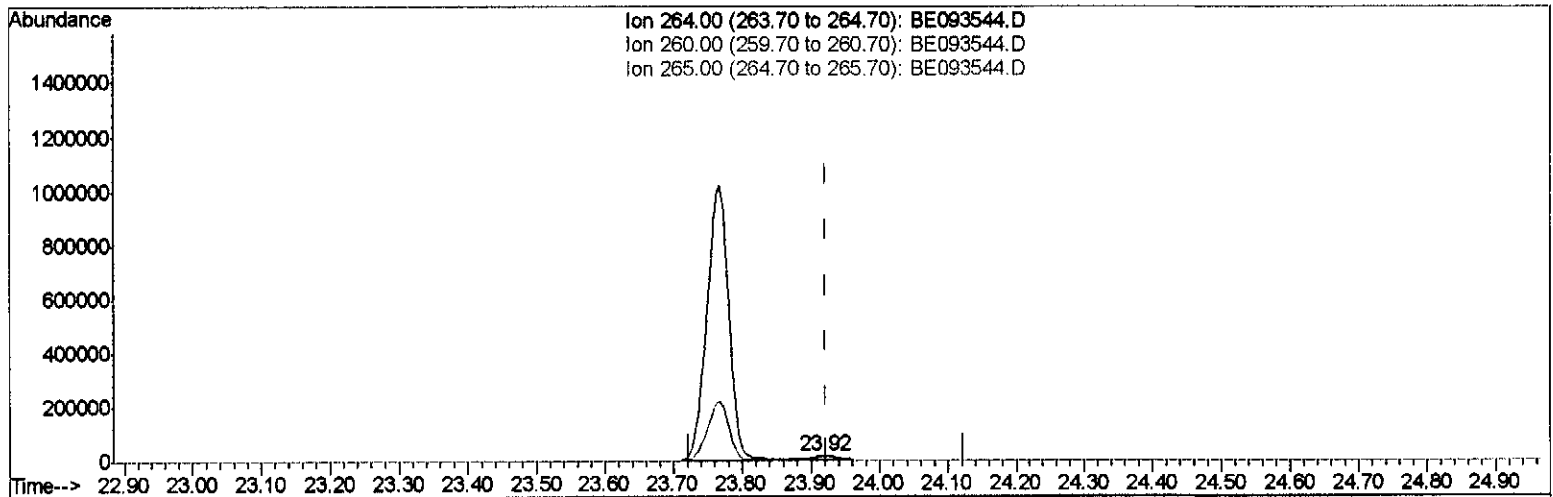
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:26:48 2017
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TIC: BE093544.D

(20) Perylene-d12 (I)

23.918min (-0.005) 0.40ng/ul m

response 27107

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.75
265.00	103.50	28.07#
0.00	0.00	0.00

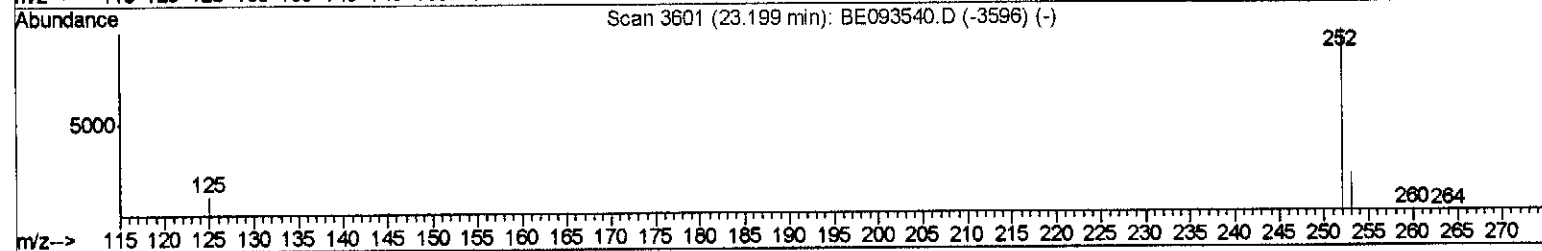
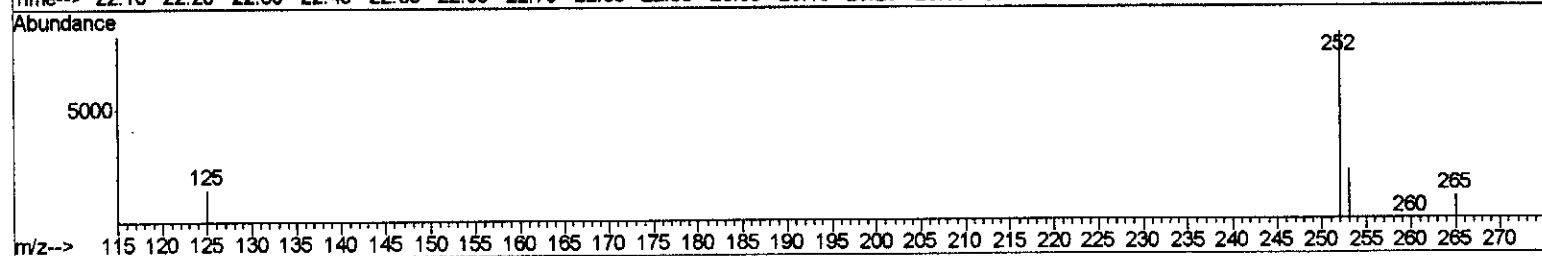
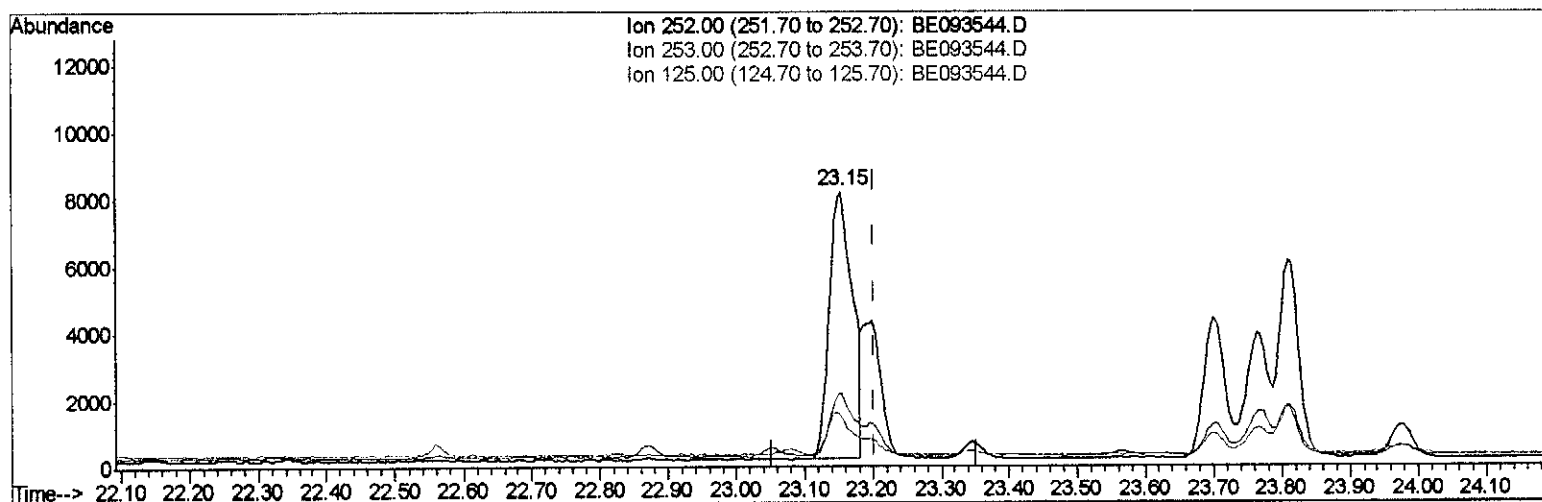
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:27:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE093544.D

(22) Benzo(k)fluoranthene

23.153min (-0.051) 0.23ng/ui

response 19066

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.82
125.00	17.10	18.21
0.00	0.00	0.00

Quantitation Report (Qedit)

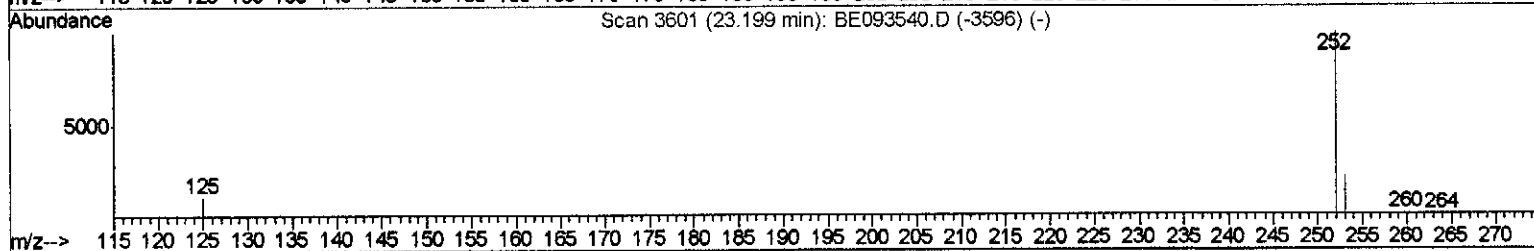
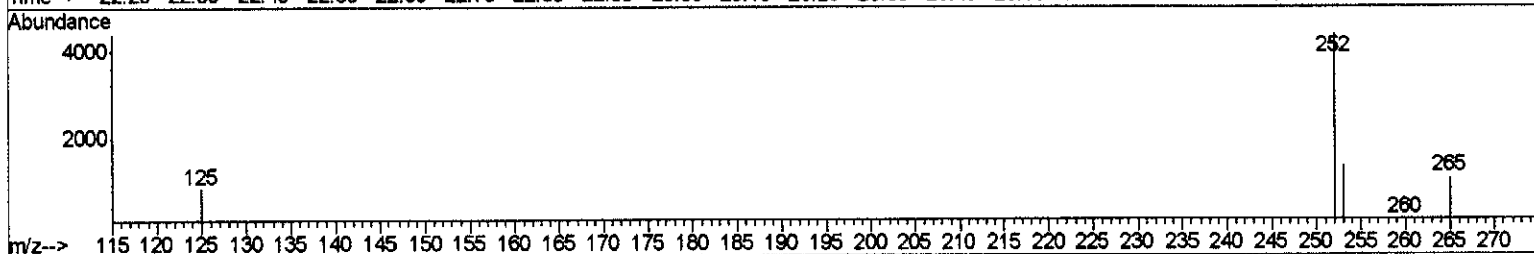
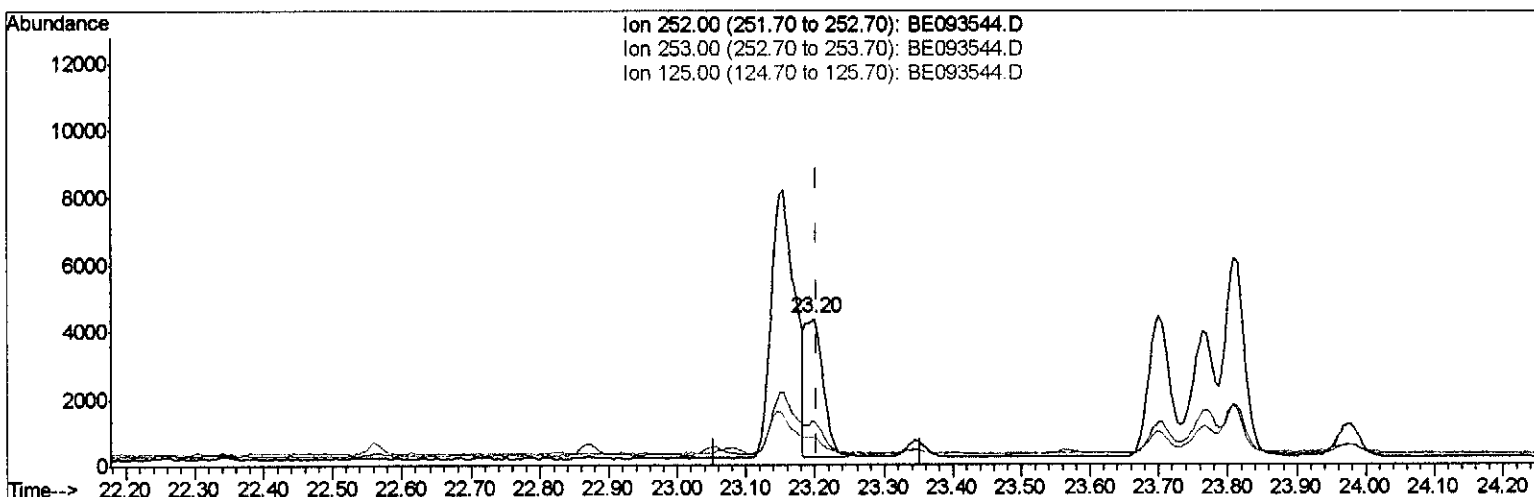
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:27:40 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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Response via : Initial Calibration



TIC: BE093544.D

(22) Benzo(k)fluoranthene

23.199min (-0.005) 0.09ng/ul m

response 7803

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.14
125.00	17.10	18.55
0.00	0.00	0.00

Quantitation Report (Qedit)

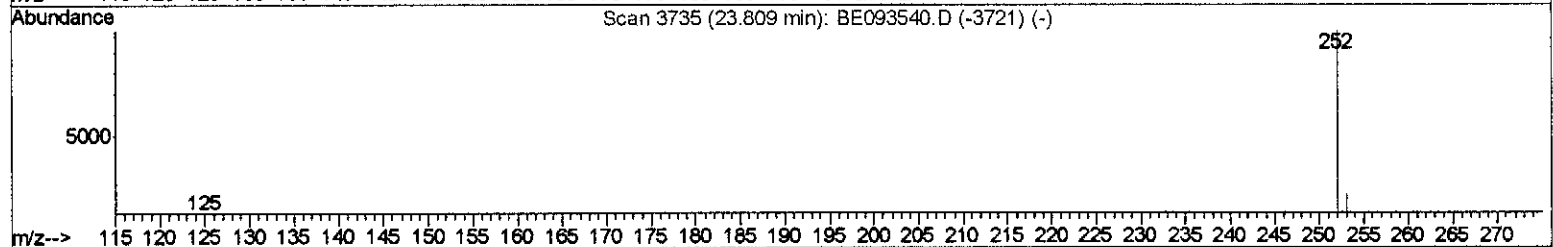
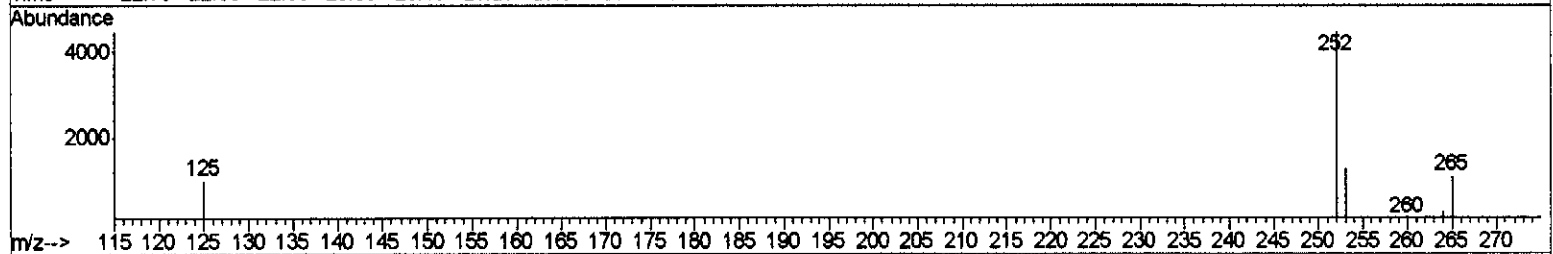
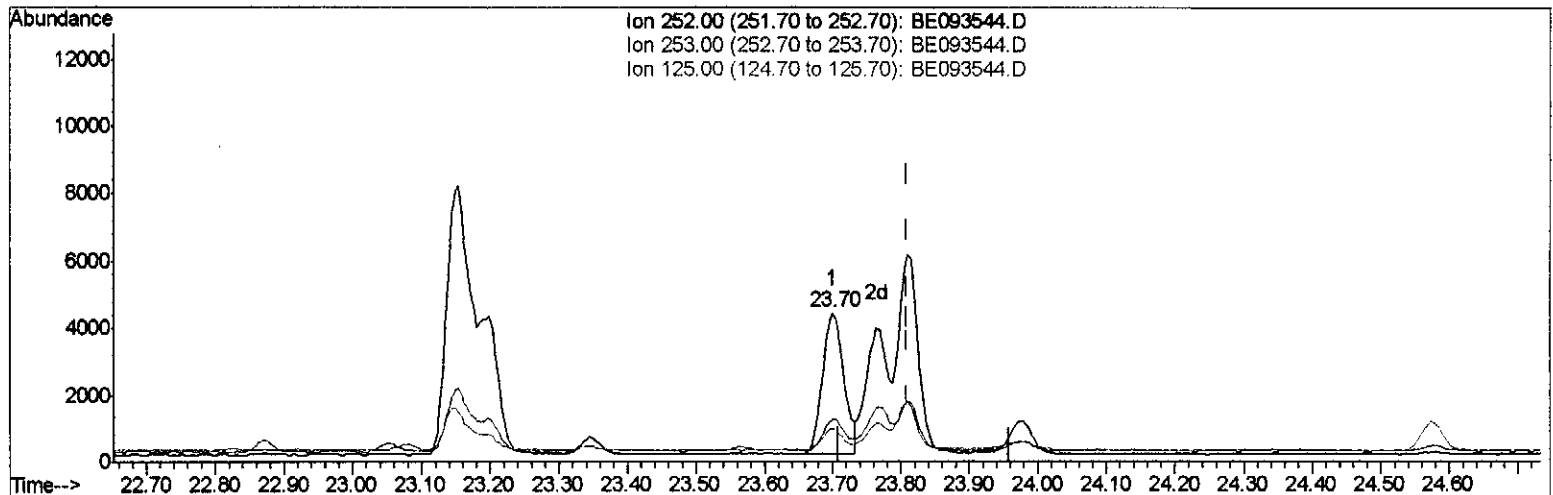
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093544.D
 Acq On : 24 Jul 2017 18:42
 Operator : SJ/JU
 Sample : I4214-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B75

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:27:40 2017
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 Response via : Initial Calibration



TIC: BE093544.D

(23) Benzo(a)pyrene (C)
 23.700min (-0.110) 0.12ng/ul
 response 9266

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	28.19#
125.00	22.60	22.36
0.00	0.00	0.00

Quantitation Report (Qedit)

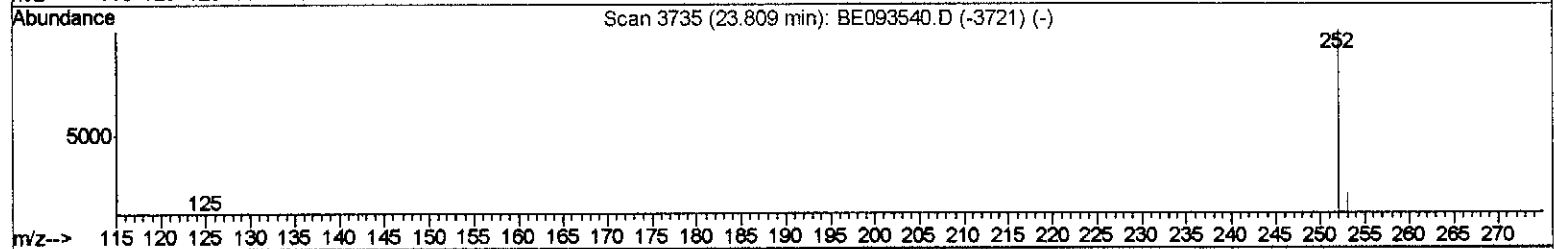
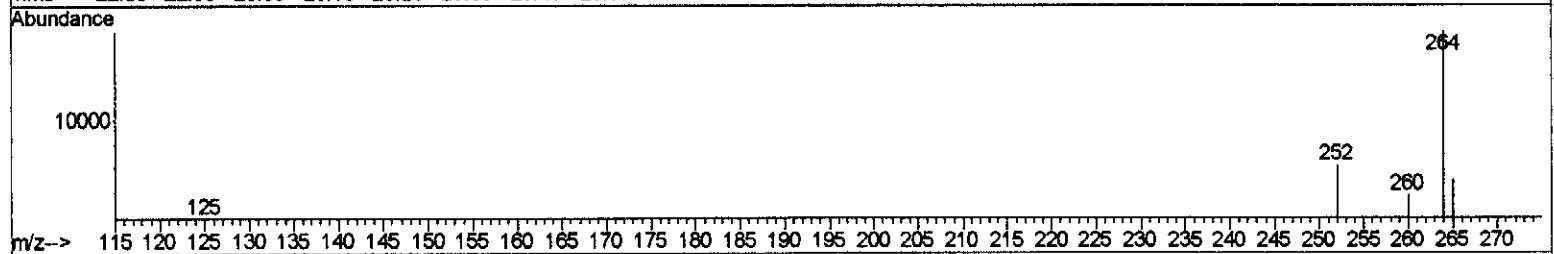
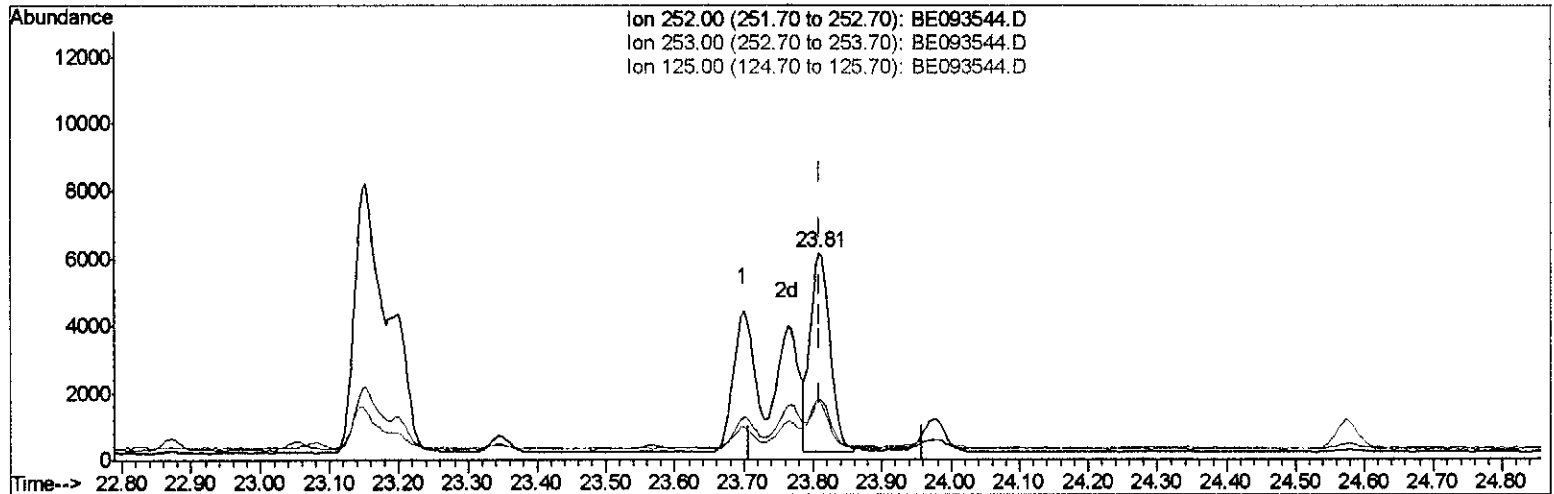
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093544.D
 Acq On : 24 Jul 2017 18:42
 Operator : SJ/JU
 Sample : I4214-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B75

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093544.D

(23) Benzo(a)pyrene (C)

23.809min (-0.001) 0.15ng/ul m

response 11687

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	29.39
125.00	22.60	28.77#
0.00	0.00	0.00

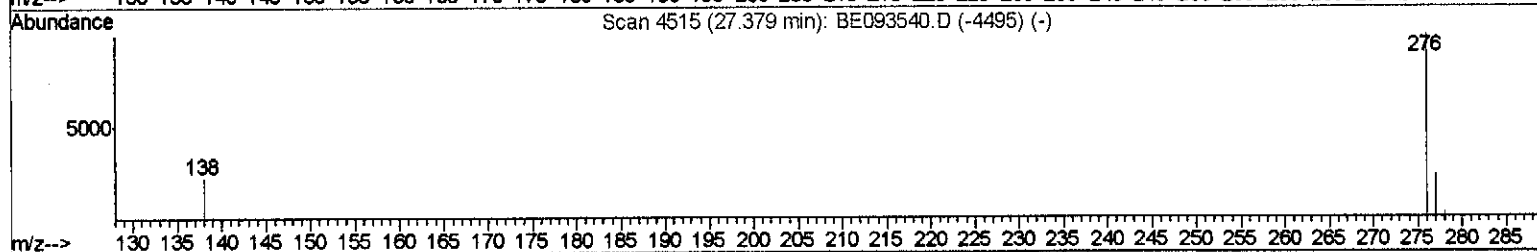
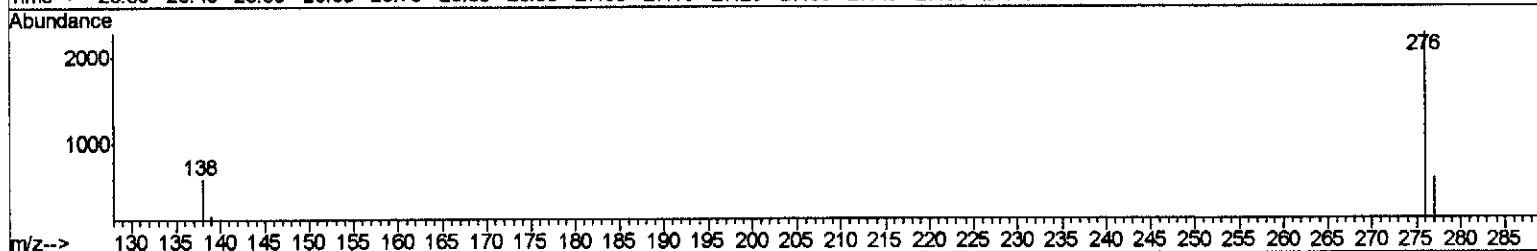
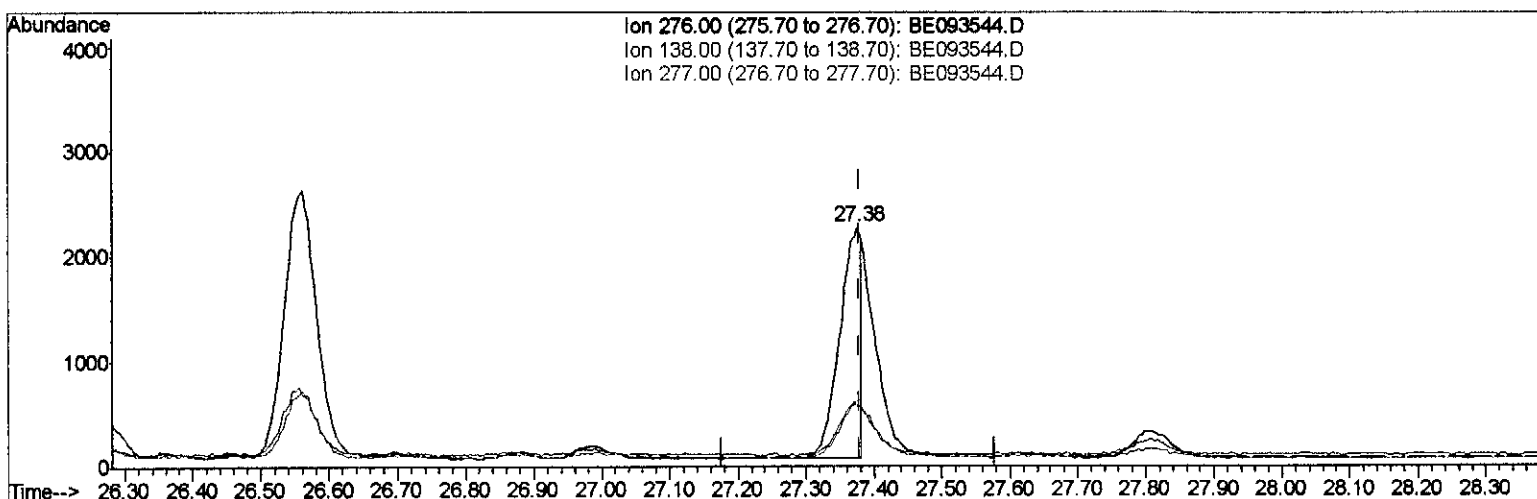
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B75

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:03 PM

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TIC: BE093544.D

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

27.376min (-0.003) 0.06ng/ul

response 4762

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.85
277.00	25.60	26.07
0.00	0.00	0.00

Quantitation Report (Qedit)

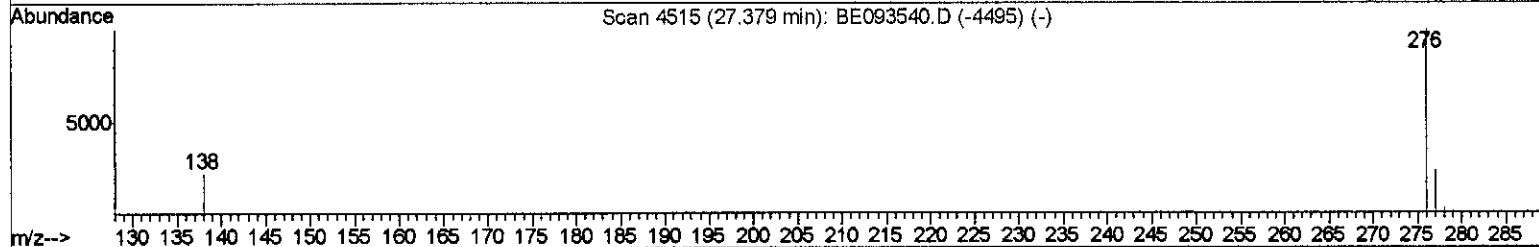
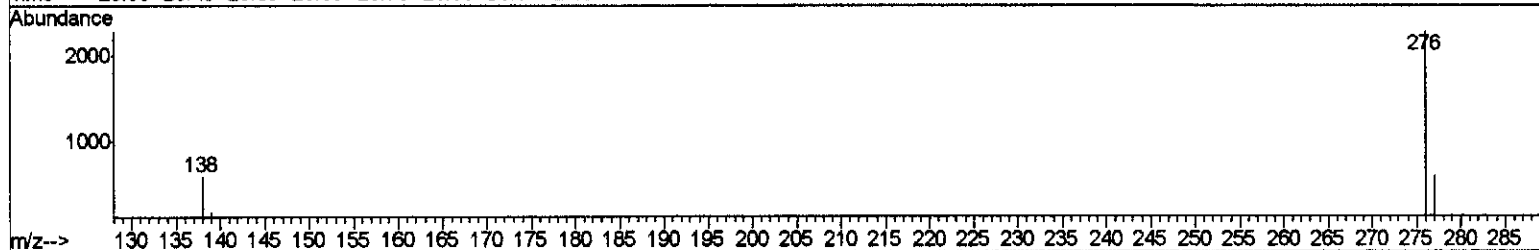
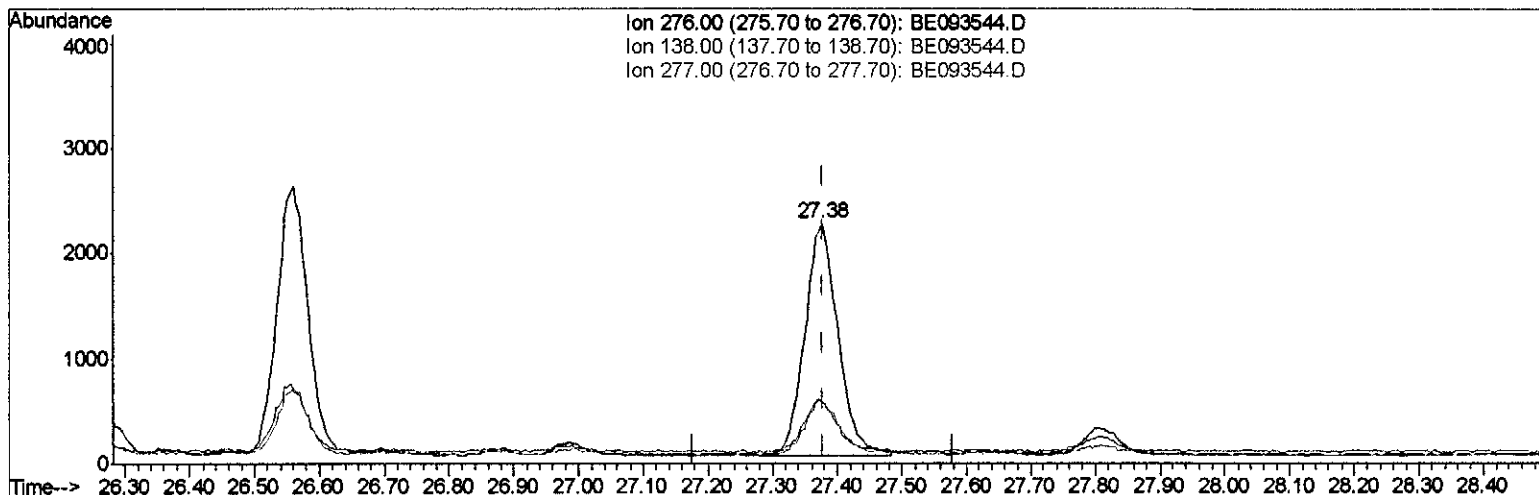
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
 Data File : BE093544.D
 Acq On : 24 Jul 2017 18:42
 Operator : SJ/JU
 Sample : I4214-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B75

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:03 PM

Quant Time: Jul 24 19:27:40 2017
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TIC: BE093544.D

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

27.376min (-0.003) 0.11ng/ul m

response 7871

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	25.85
277.00	25.60	26.07
0.00	0.00	0.00

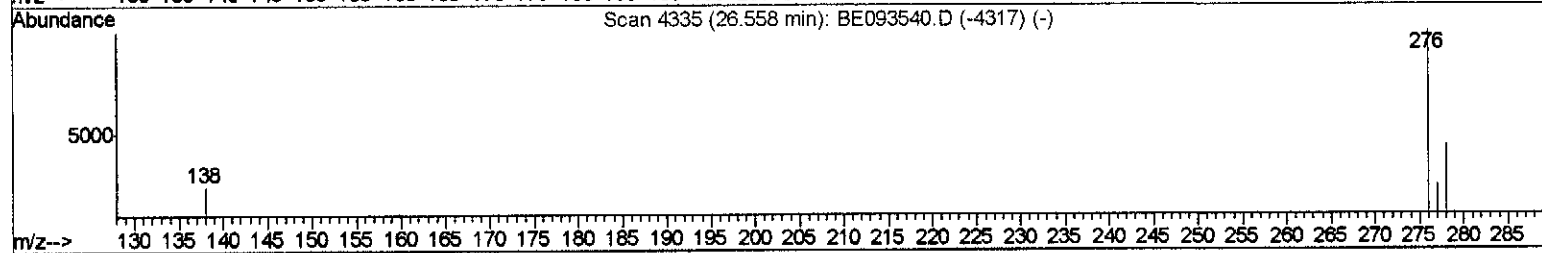
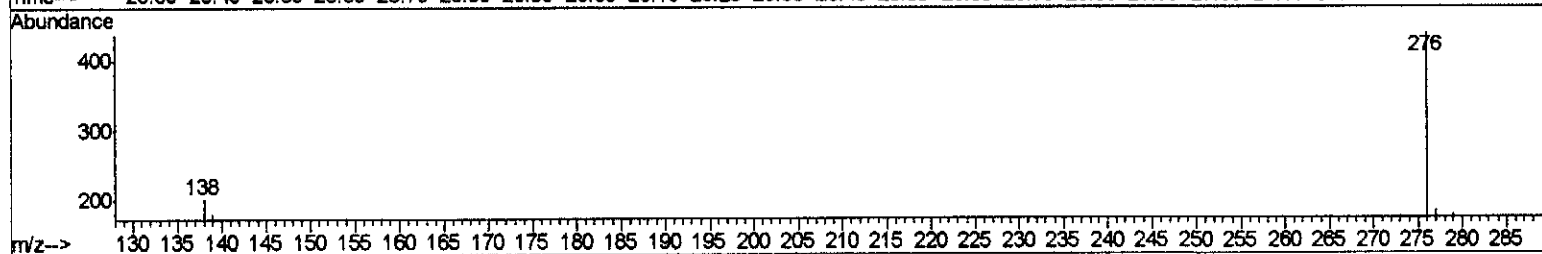
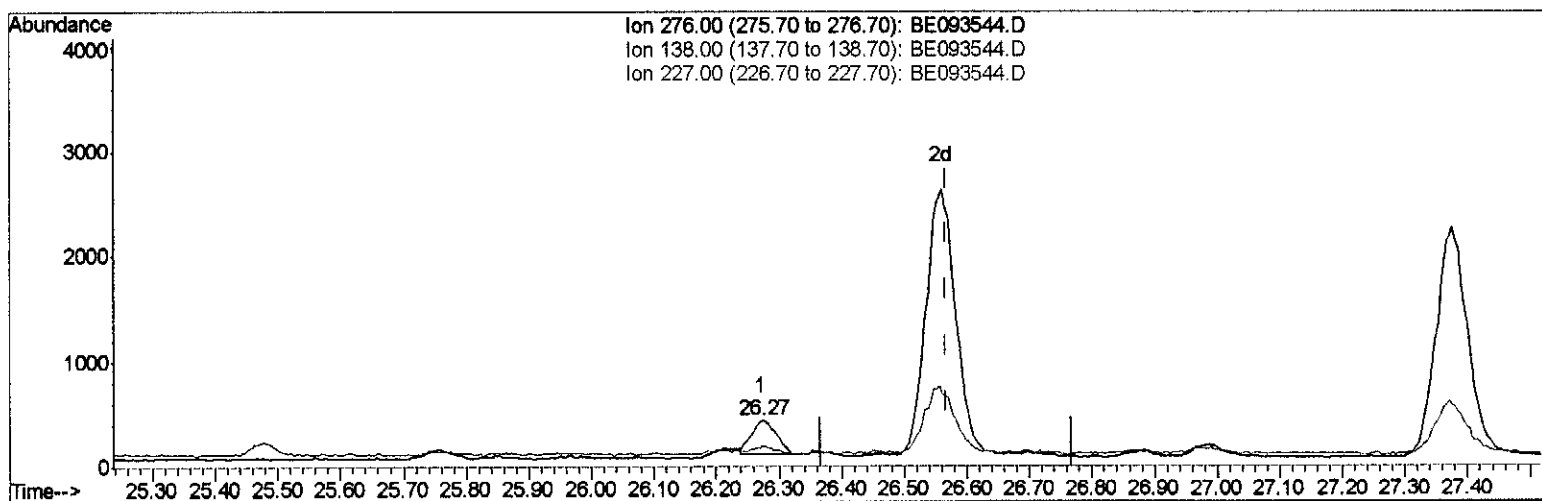
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
Data File : BE093544.D
Acq On : 24 Jul 2017 18:42
Operator : SJ/JU
Sample : I4214-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleID :
C0B75

Manual Integrations
APPROVED

Sohil
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TIC: BE093544.D

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

26.273min (-0.295) 0.01ng/ul

response 912

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	21.60#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

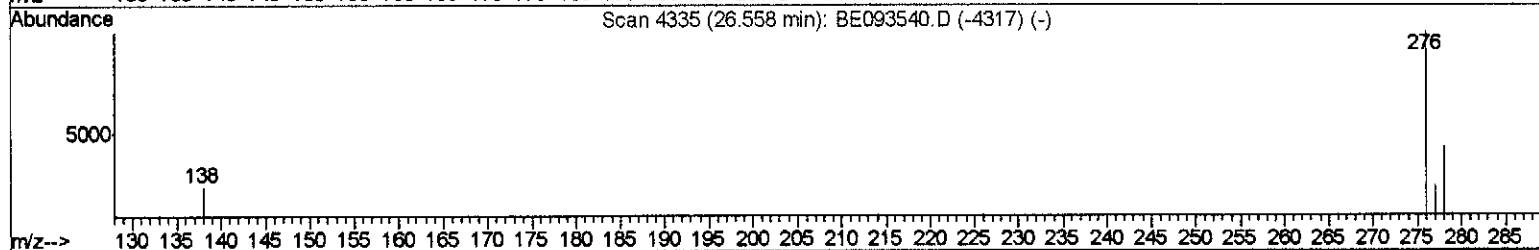
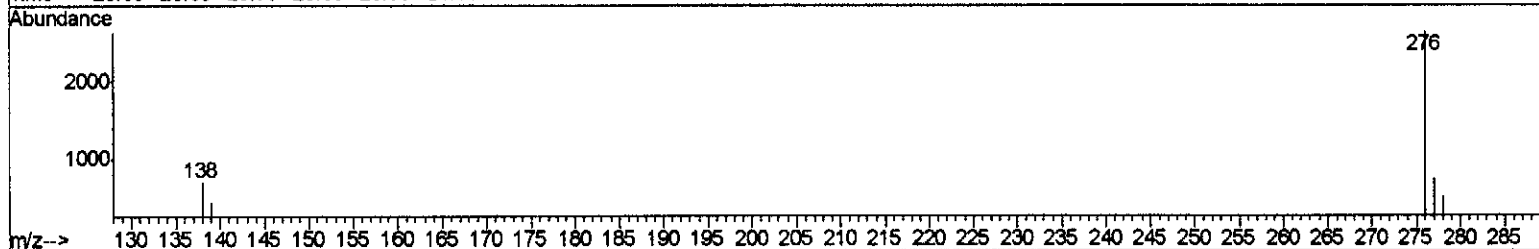
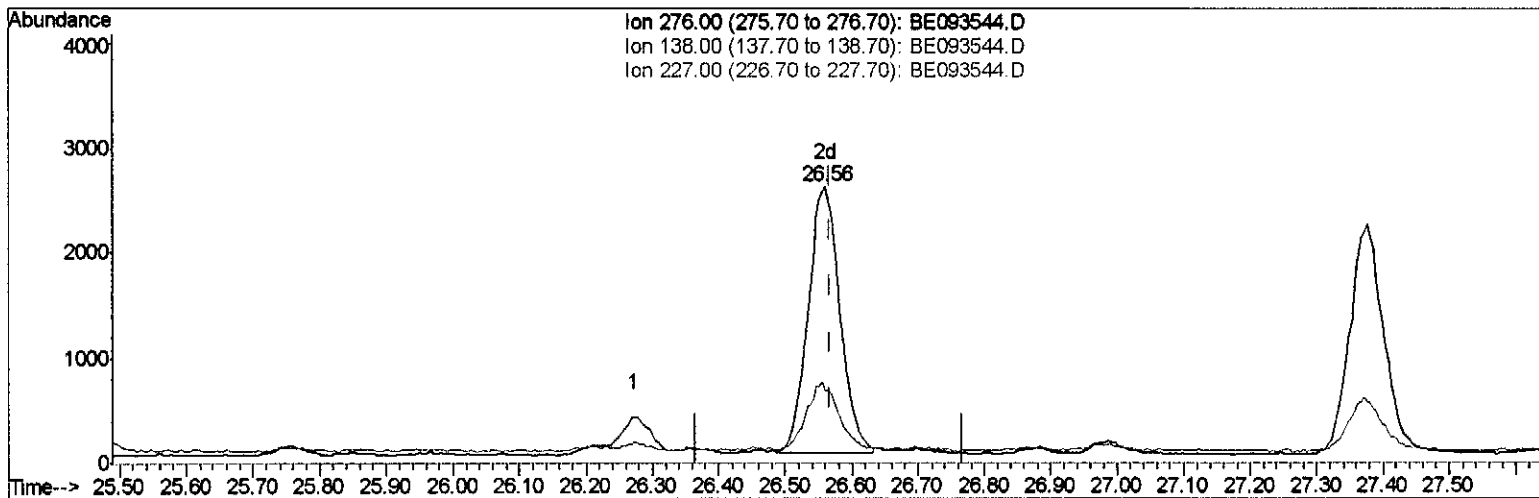
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 ALS Vial : 16 Sample Multiplier: 1

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Manual Integrations
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TIC: BE093544.D

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

26.560min (-0.008) 0.10ng/ul m

response 8408

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2.34#
227.00	10.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072417\
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3371	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	17742	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	11897	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	30347m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	33202	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	27107m	0.40	ng/ul	0.00

Handwritten: JAL 8/8/17
 JAL 8/8/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	8432	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	29353	0.31	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) Phenanthrene	17.29	178	21403	0.259	ng/ul#	86
15) Fluoranthene	19.31	202	42766	0.414	ng/ul	84
17) Pyrene	19.67	202	38984	0.402	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	8173	0.085	ng/ul#	89
19) Chrysene	21.45	228	16387	0.177	ng/ul	100
21) Benzo(b)fluoranthene	23.15	252	19067	0.227	ng/ul	93
22) Benzo(k)fluoranthene	23.20	252	7803m	0.094	ng/ul	JAL 8/8/17
23) Benzo(a)pyrene	23.81	252	11687m	0.147	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.56	276	8408m	0.095	ng/ul	
26) Benzo(g,h,i)perylene	27.38	276	7871m	0.106	ng/ul	

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