

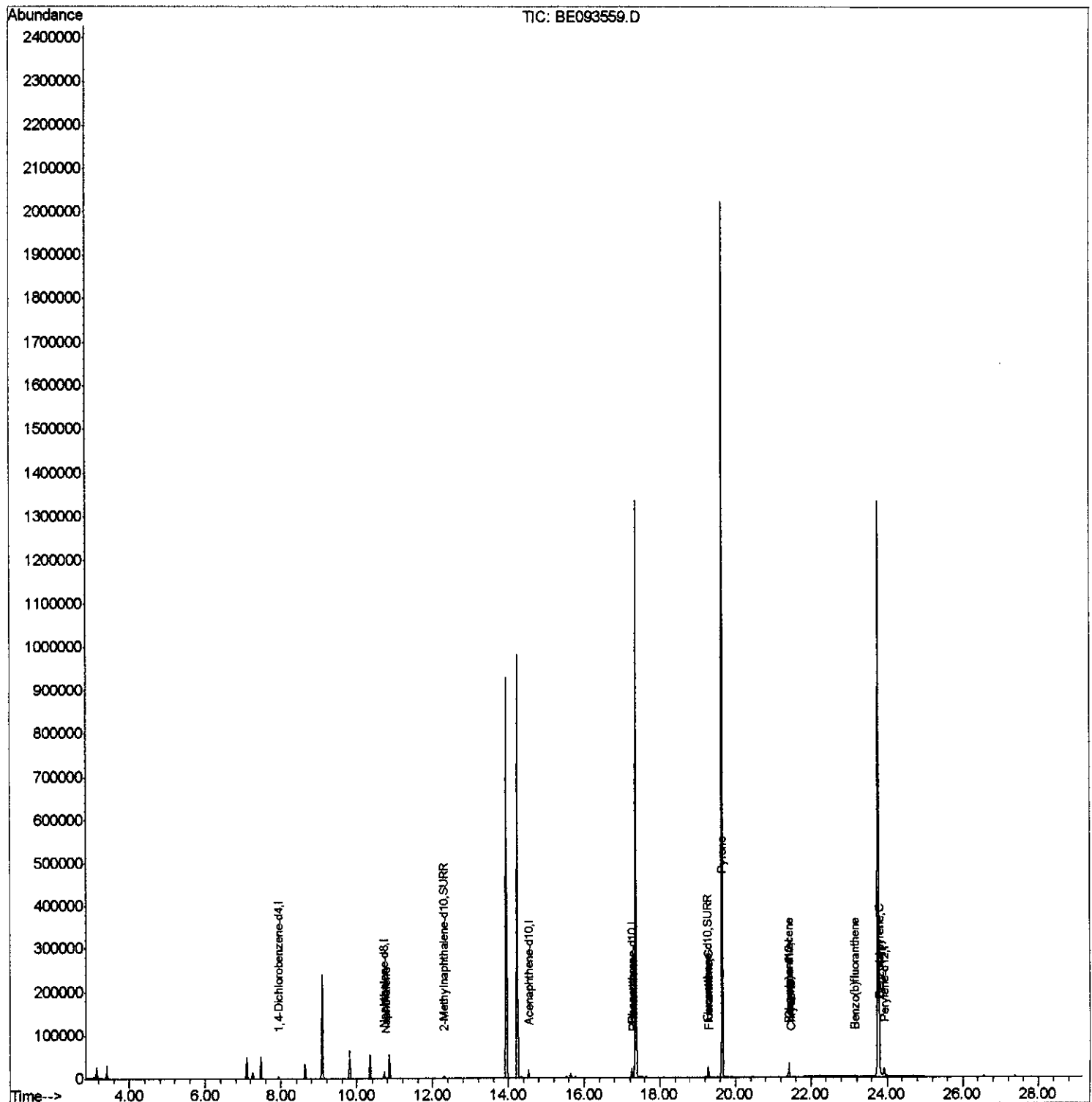
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093559.D
Acq On : 25 Jul 2017 3:54
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B72

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:44:17 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 06:10:24 2017
Response via : Initial Calibration



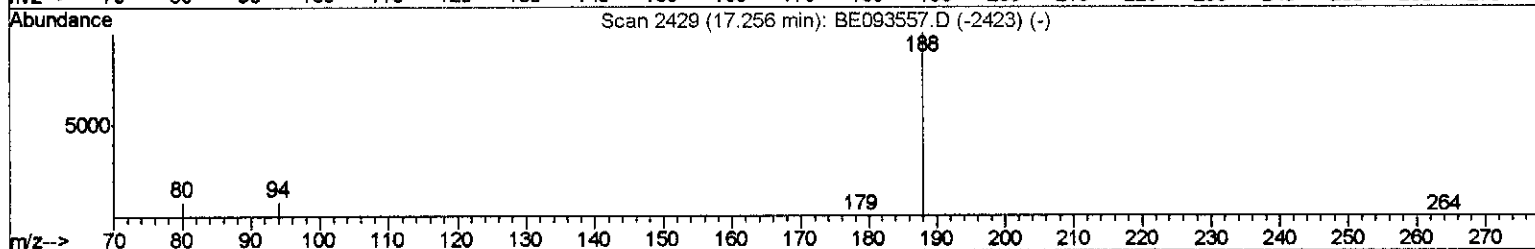
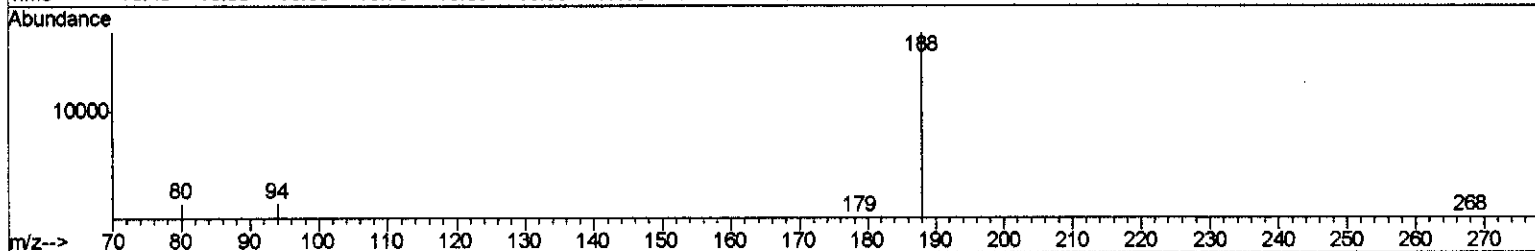
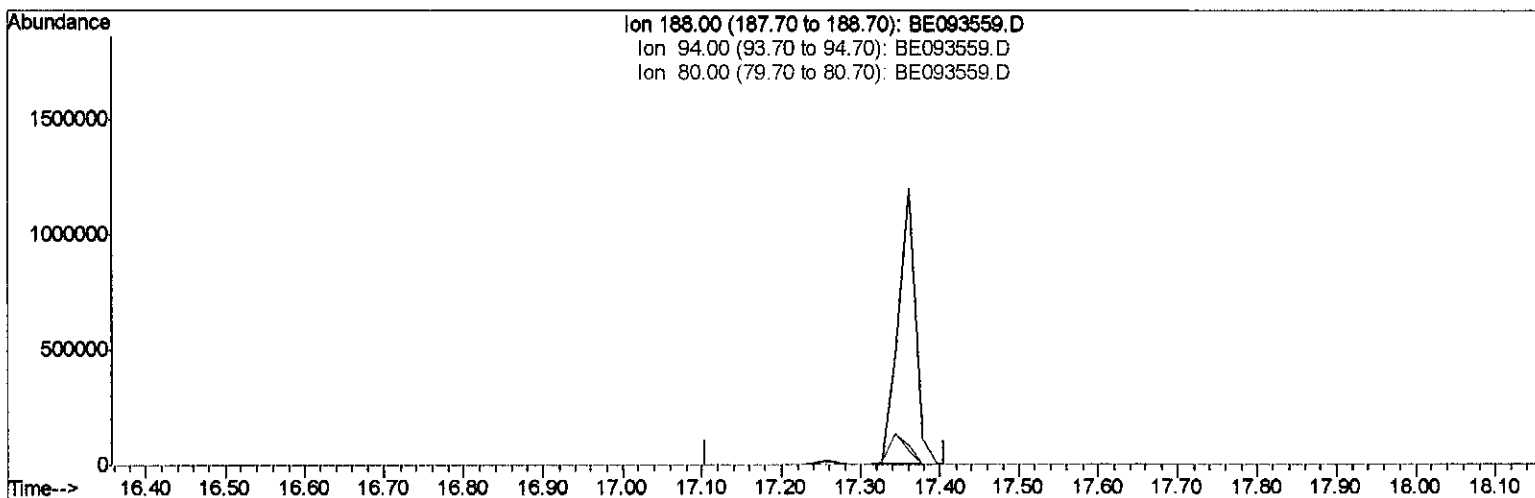
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Manual Integrations
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Sohil
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Quant Time: Jul 25 11:41:13 2017
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TIC: BE093559.D

(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

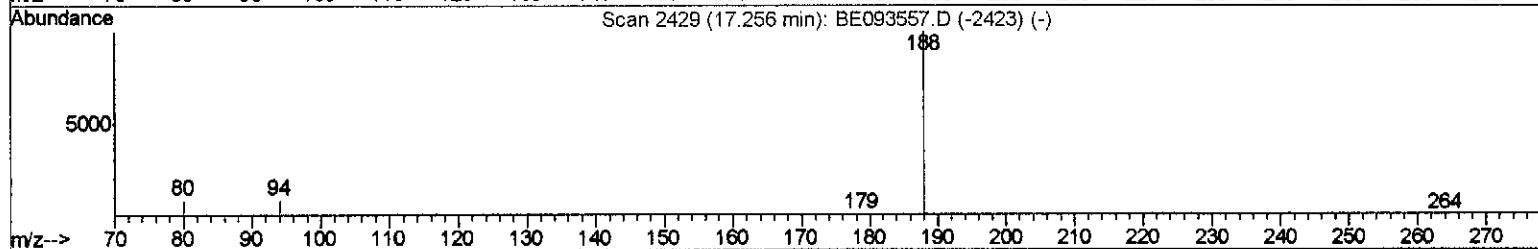
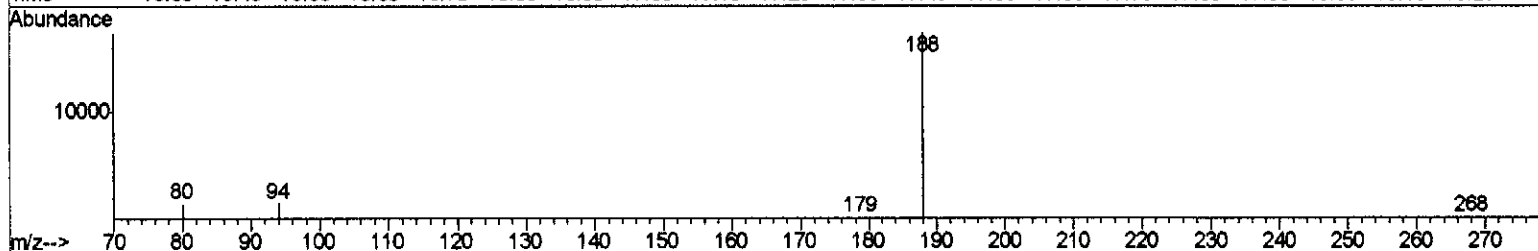
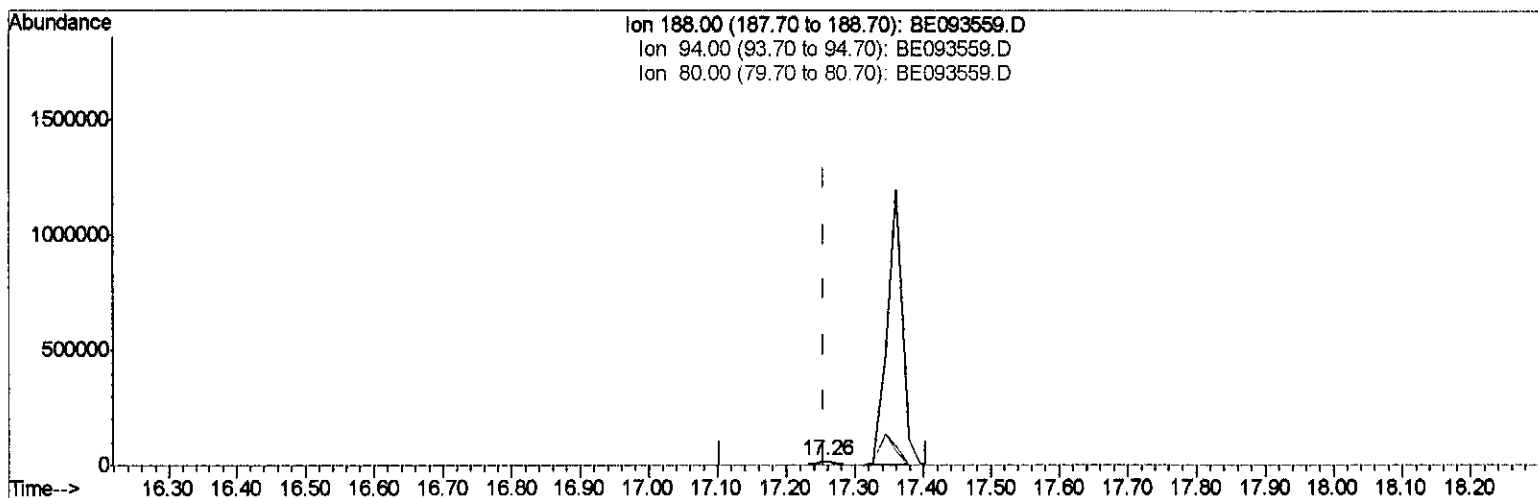
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Manual Integrations
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TIC: BE093559.D

(10) Phenanthrene-d10 (I)

17.257min (+0.002) 0.40ng/ul m

response 25290

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	8.18#
80.00	11.80	8.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

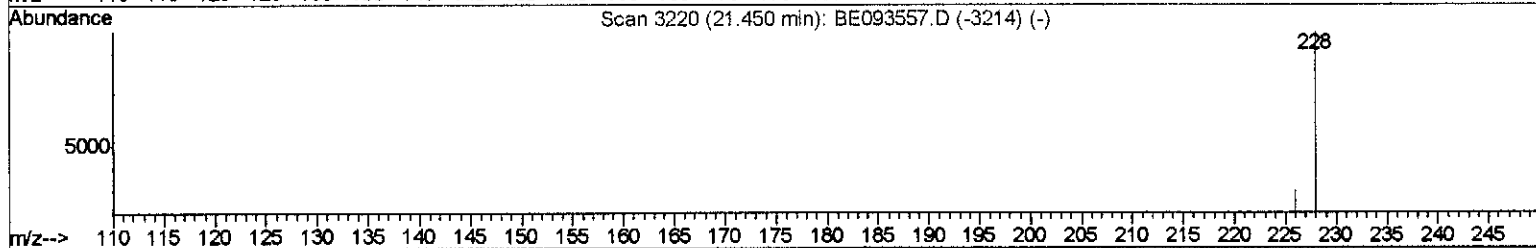
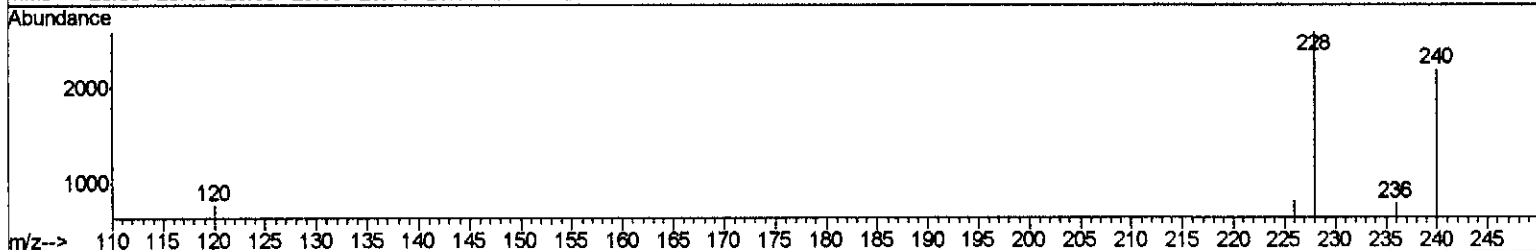
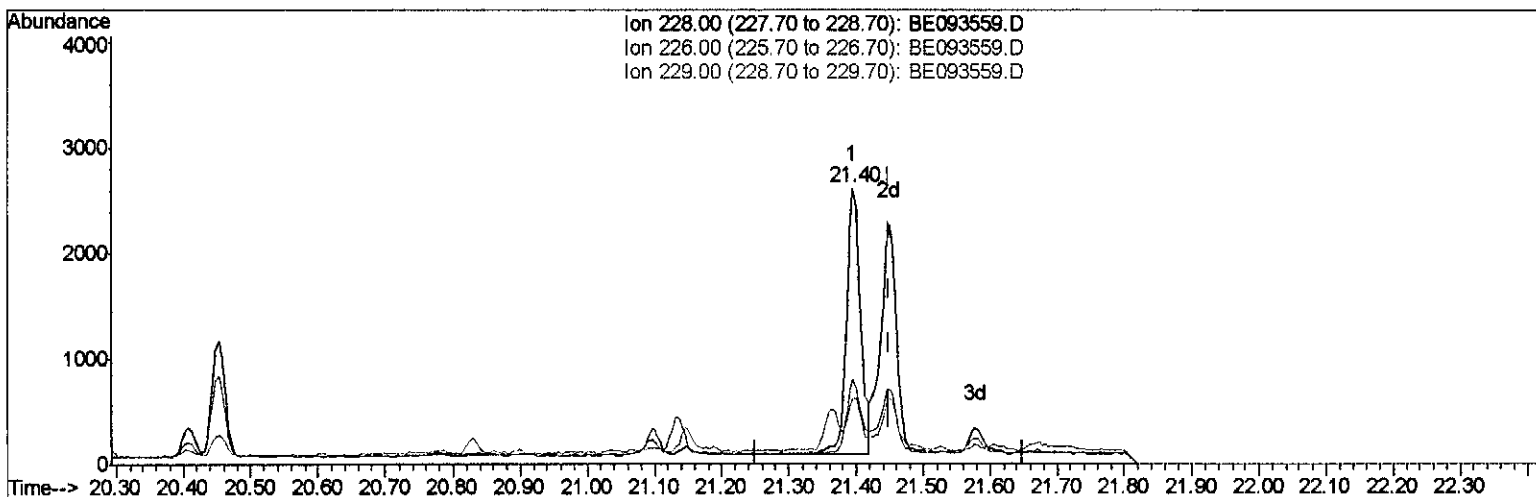
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Data File : BE093559.D
Acq On : 25 Jul 2017 3:54
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B72

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:42:12 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 06:10:24 2017
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TIC: BE093559.D

(19) Chrysene

21.395min (-0.055) 0.05ng/ul

response 3687

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.74
229.00	22.10	23.80
0.00	0.00	0.00

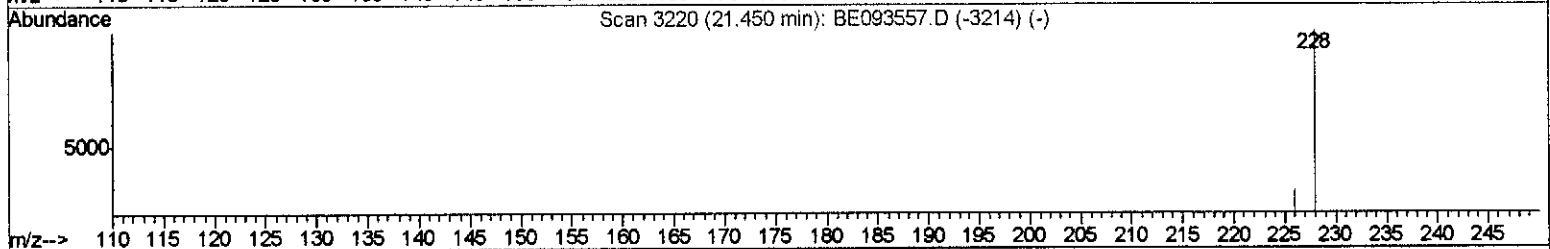
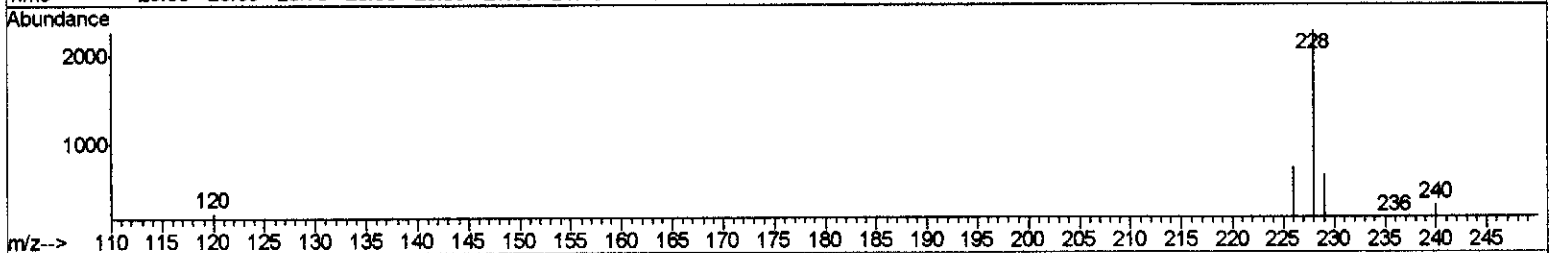
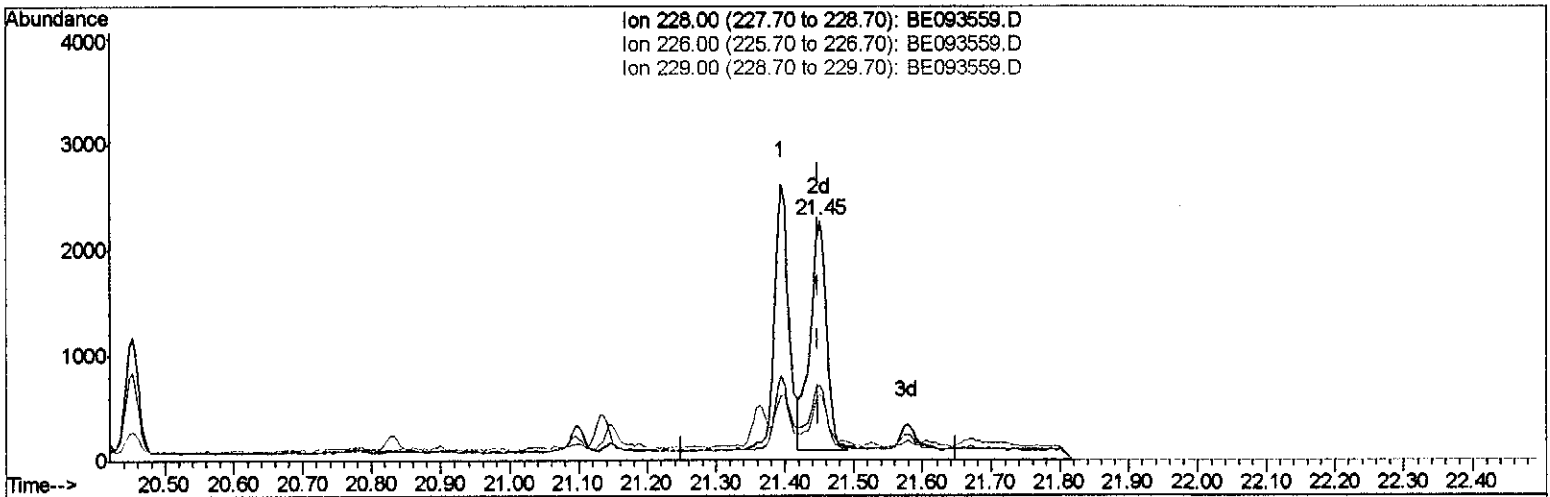
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093559.D
Acq On : 25 Jul 2017 3:54
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B72

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:42:12 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093559.D

(19) Chrysene

21.450min (+0.000) 0.05ng/ul m

response 3630

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	31.30
229.00	22.10	27.83#
0.00	0.00	0.00

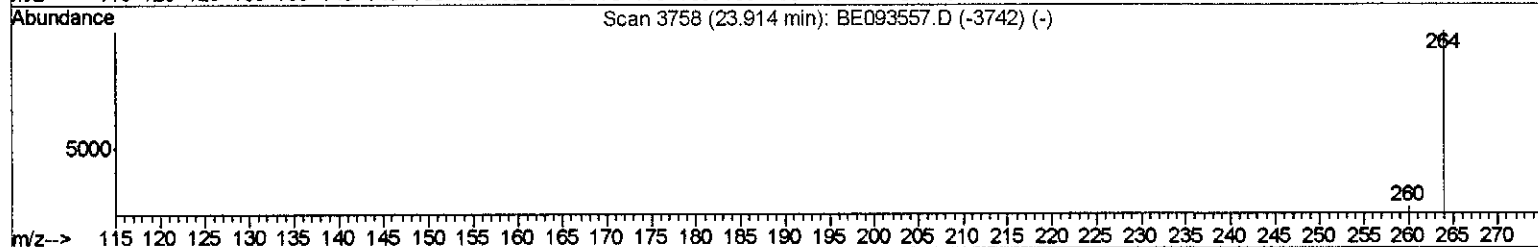
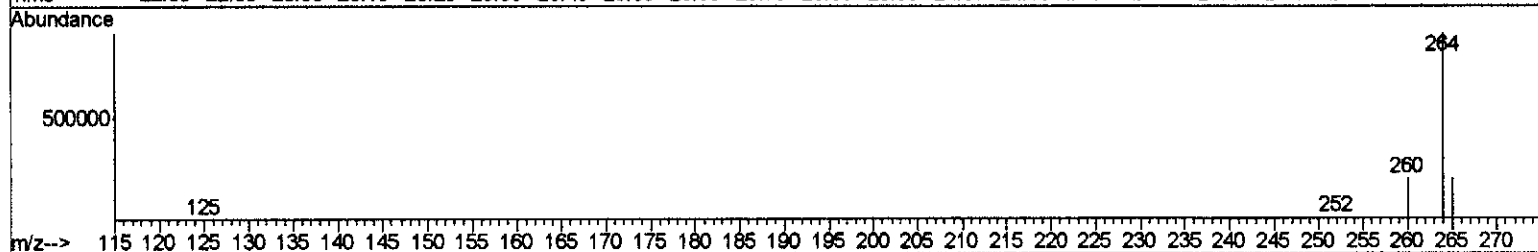
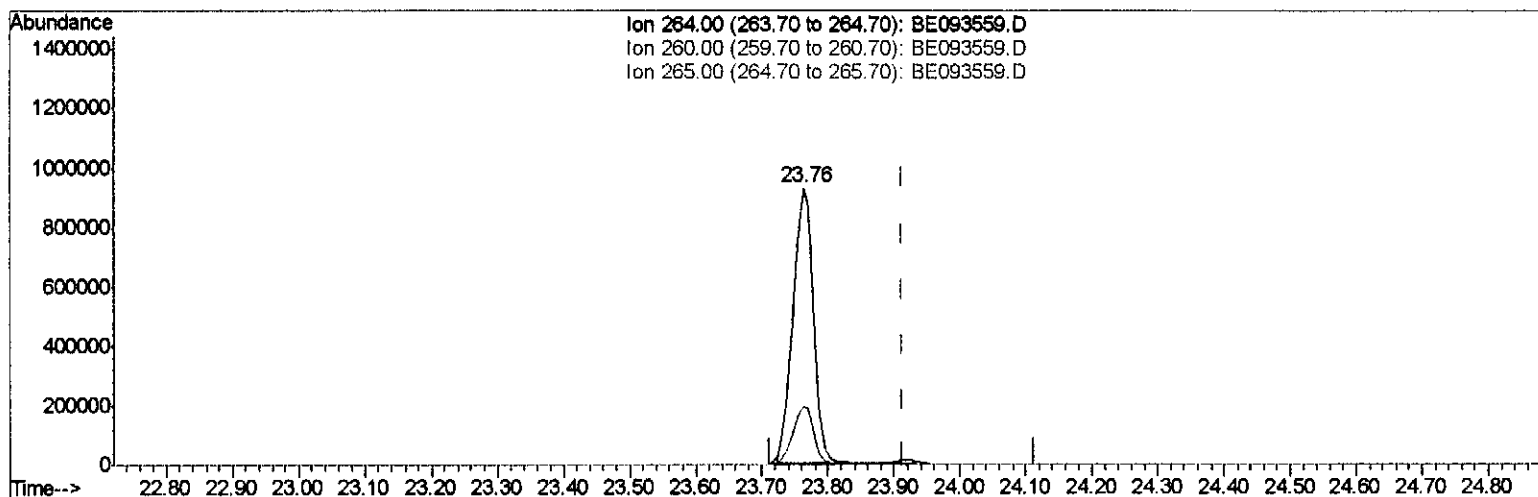
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093559.D
Acq On : 25 Jul 2017 3:54
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B72

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:42:12 2017
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TIC: BE093559.D

(20) Perylene-d12 (I)

23.764min (-0.150) 0.40ng/ul

response 1986036

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.23#
265.00	103.50	21.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

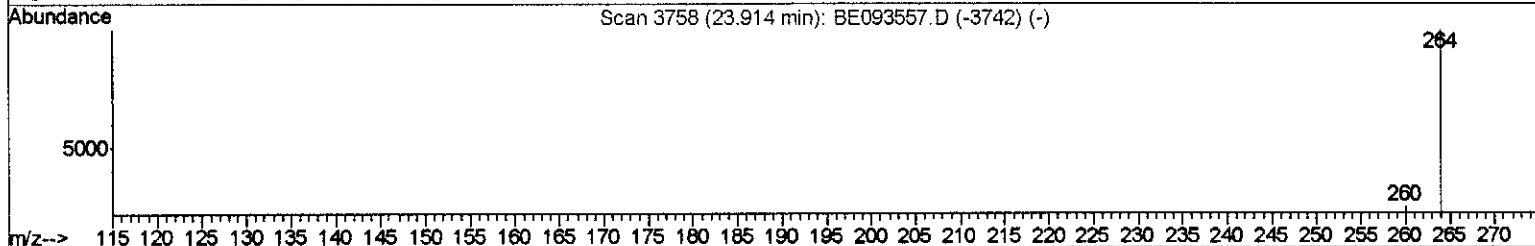
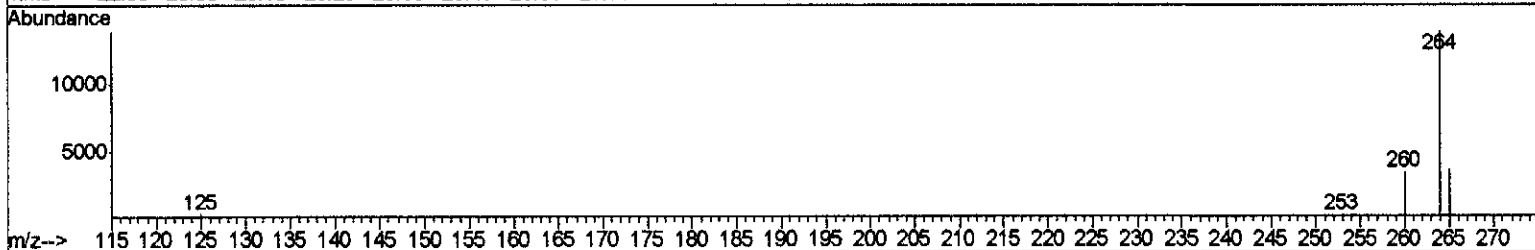
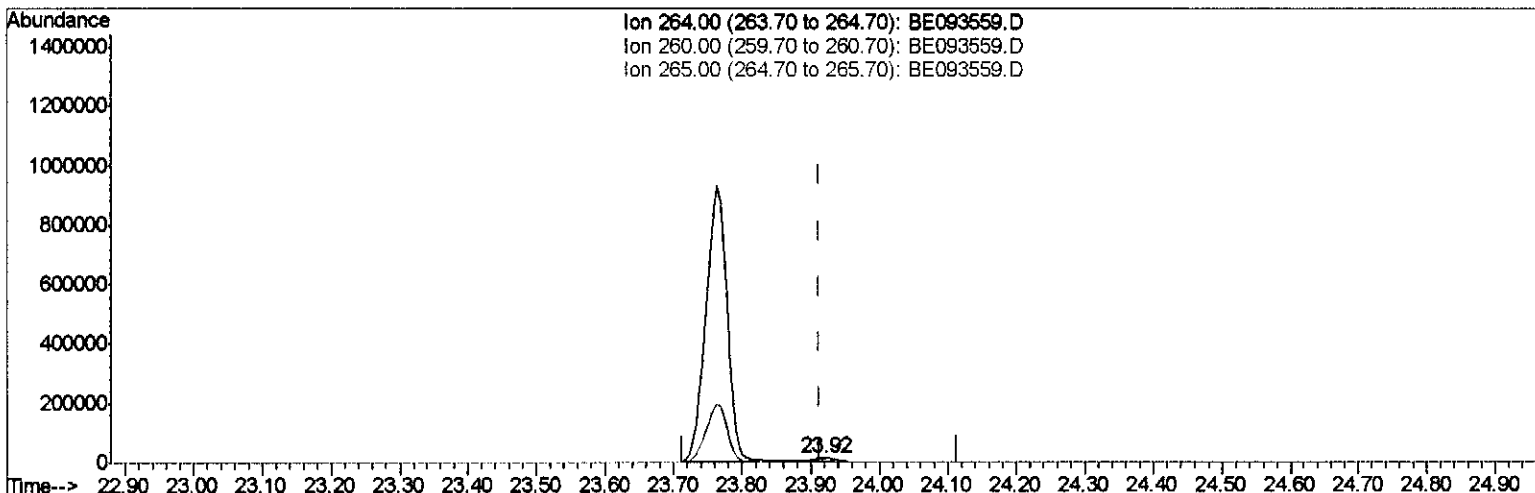
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093559.D
 Acq On : 25 Jul 2017 3:54
 Operator : SJ/JU
 Sample : I4213-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B72

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:42:12 2017
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TIC: BE093559.D

(20) Perylene-d12 (I)

23.919min (+0.005) 0.40ng/ul m

JUL 25 8/28/17

response 22777

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.24
265.00	103.50	26.06#
0.00	0.00	0.00

Quantitation Report (Qedit)

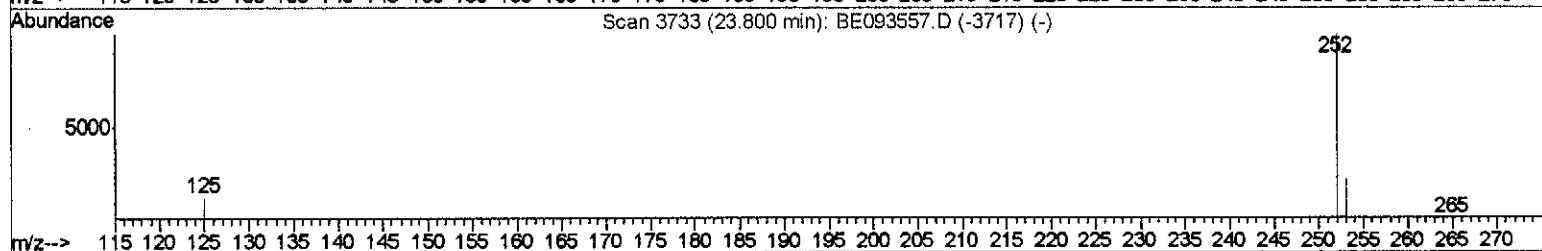
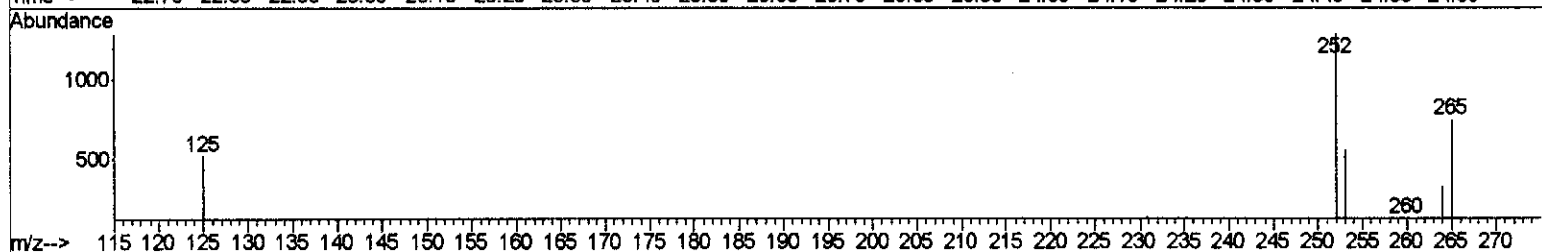
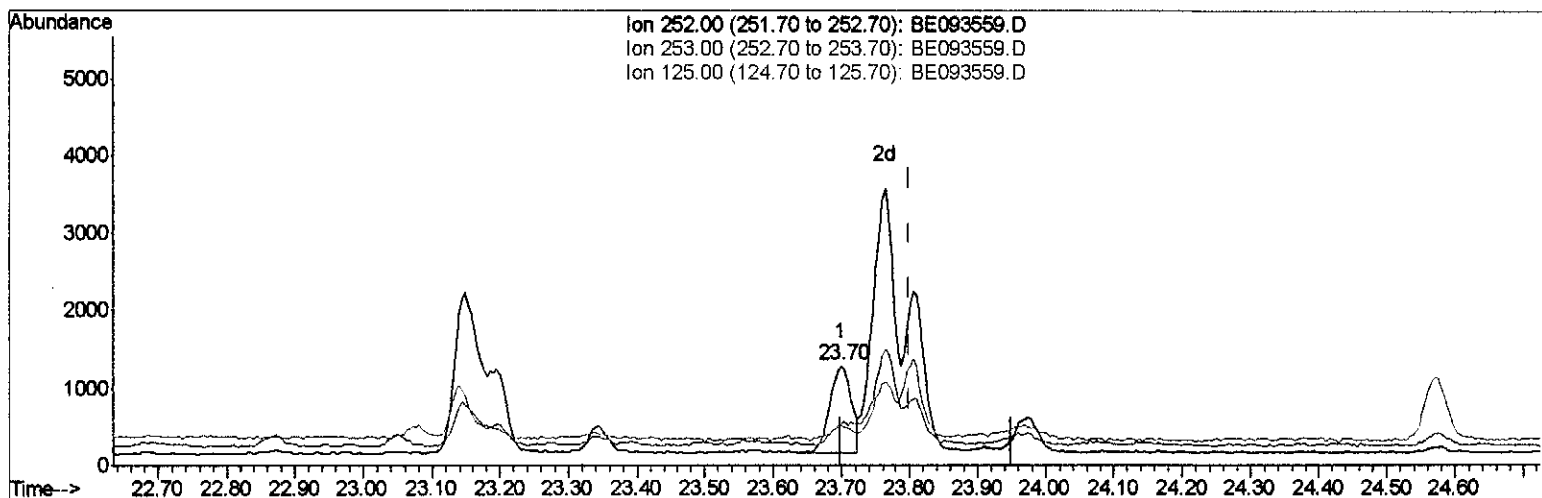
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 Operator : SJ/JU
 Sample : I4213-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B72

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:43:31 2017
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(23) Benzo(a)pyrene (C)
 23.700min (-0.100) 0.04ng/ul
 response 2475

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	43.17#
125.00	22.60	40.76#
0.00	0.00	0.00

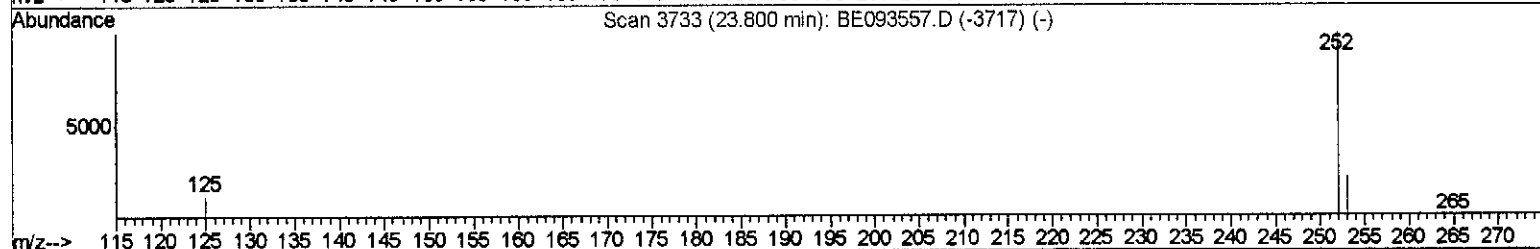
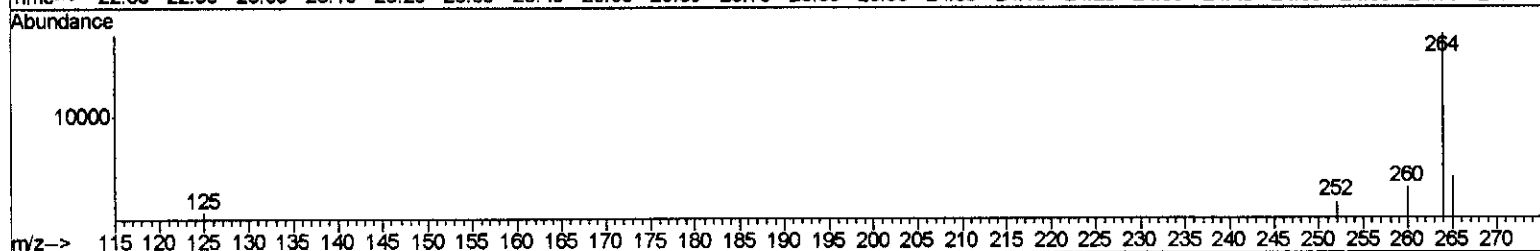
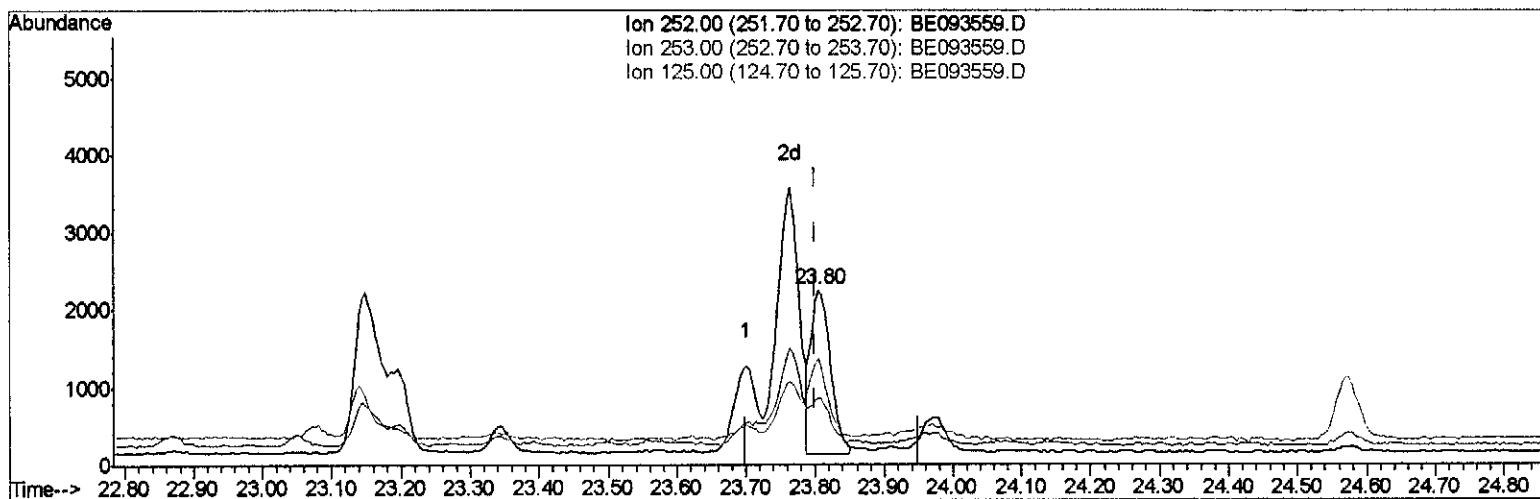
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093559.D
Acq On : 25 Jul 2017 3:54
Operator : SJ/JU
Sample : I4213-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B72

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:57 PM

Quant Time: Jul 25 11:43:31 2017
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TIC: BE093559.D

(23) Benzo(a)pyrene (C)

23.805min (+0.005) 0.06ng/ul m

response 4170

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	38.22
125.00	22.60	61.43#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
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 ClientSampled :
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Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2706	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	14447	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	10002	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	25290m>	0.40	ng/ul	> 0.00
16) Chrysene-d12	21.41	240	28416	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	22777m>	0.40	ng/ul	> 0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	7217	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	26019	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1109	0.032	ng/ul#	83
12) Phenanthrene	17.29	178	3721	0.054	ng/ul#	88
15) Fluoranthene	19.31	202	6302	0.073	ng/ul	84
17) Pyrene	19.67	202	5793	0.070	ng/ul#	89
18) Benzo(a)anthracene	21.40	228	3687	0.045	ng/ul#	86
19) Chrysene	21.45	228	3630m>	0.046	ng/ul	>
21) Benzo(b)fluoranthene	23.15	252	5165	0.073	ng/ul#	77
23) Benzo(a)pyrene	23.80	252	4170m>	0.062	ng/ul	>

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