

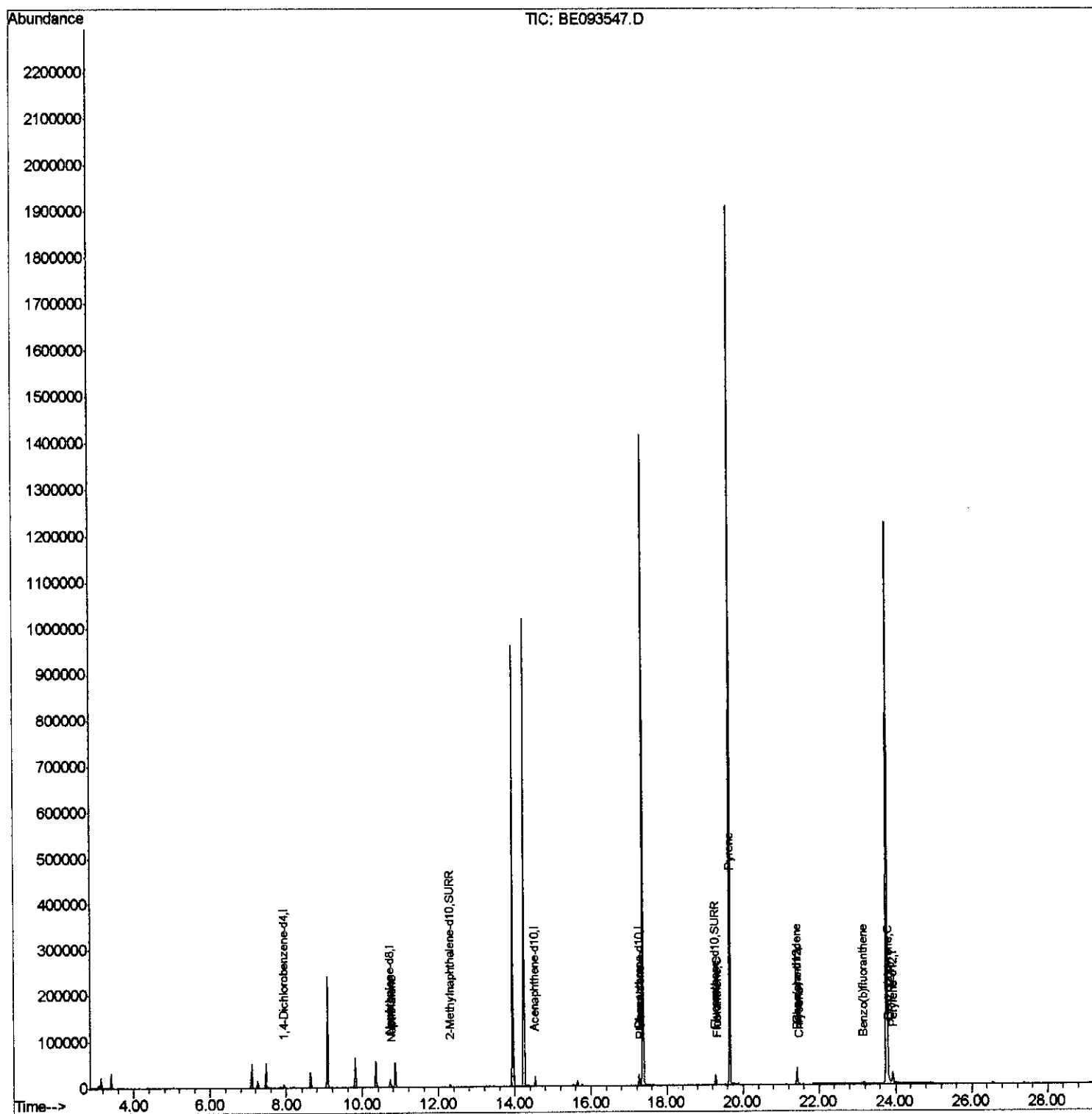
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093547.D
Acq On : 24 Jul 2017 20:32
Operator : SJ/JU
Sample : I4213-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B26

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:44:33 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



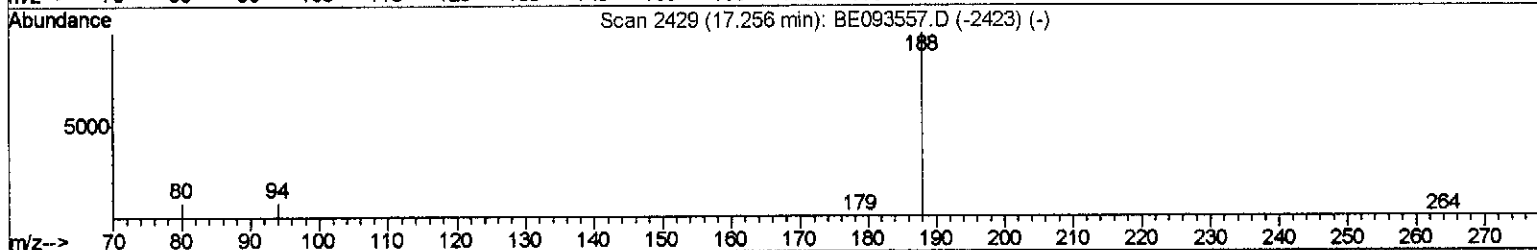
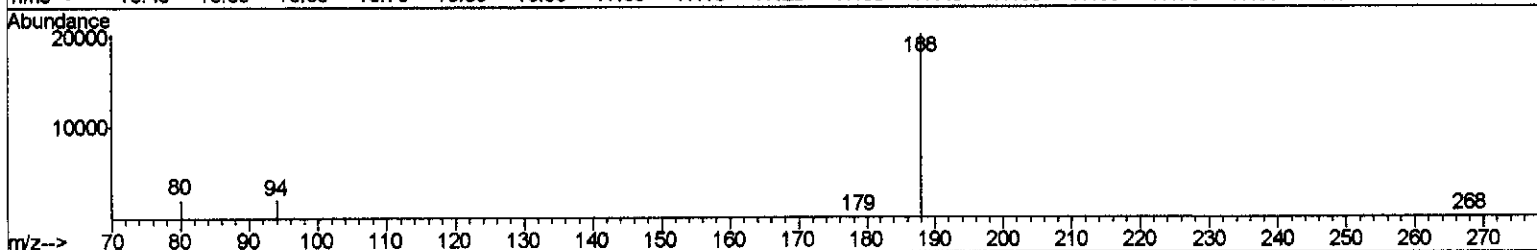
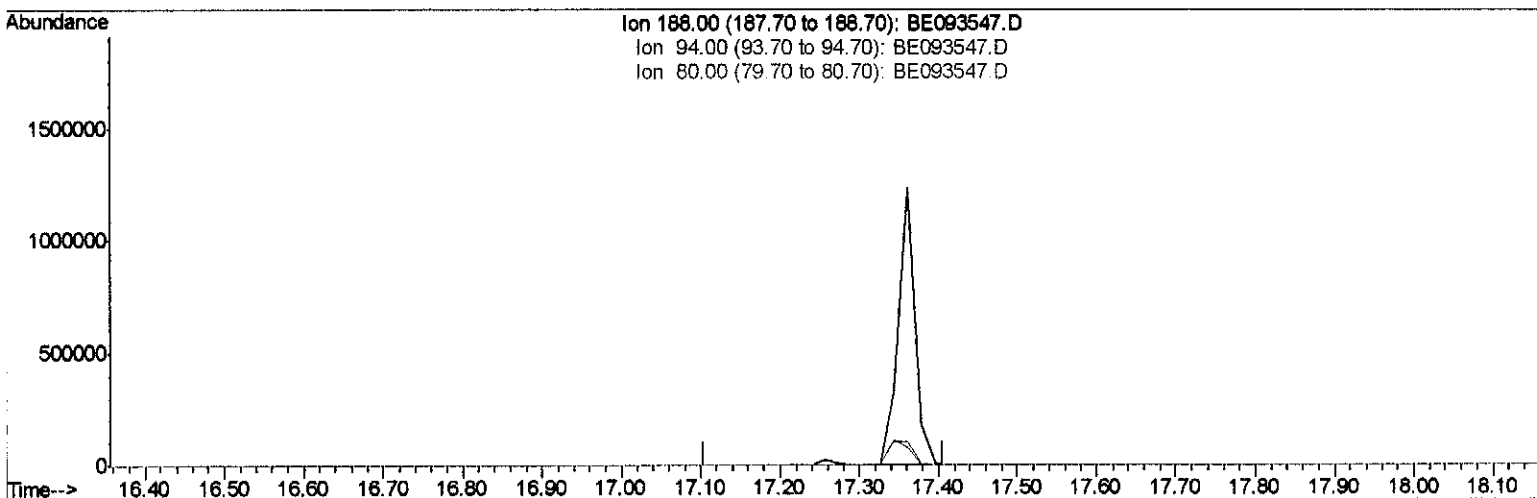
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Manual Integrations
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Sohil
7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:41:39 2017
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TIC: BE093547.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)

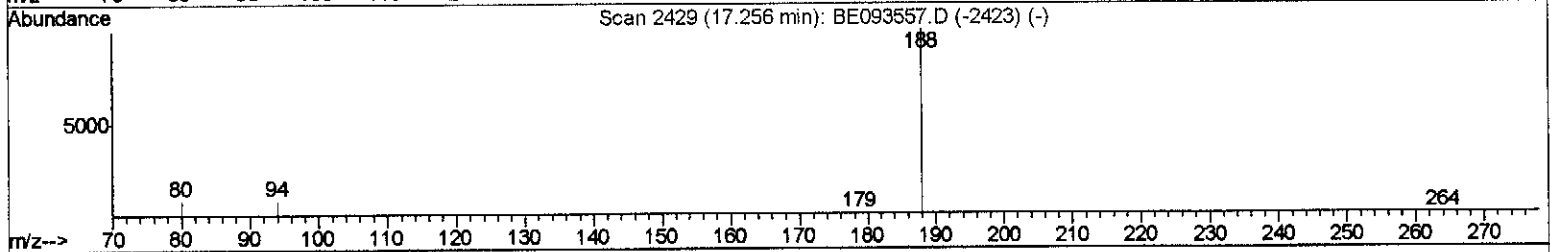
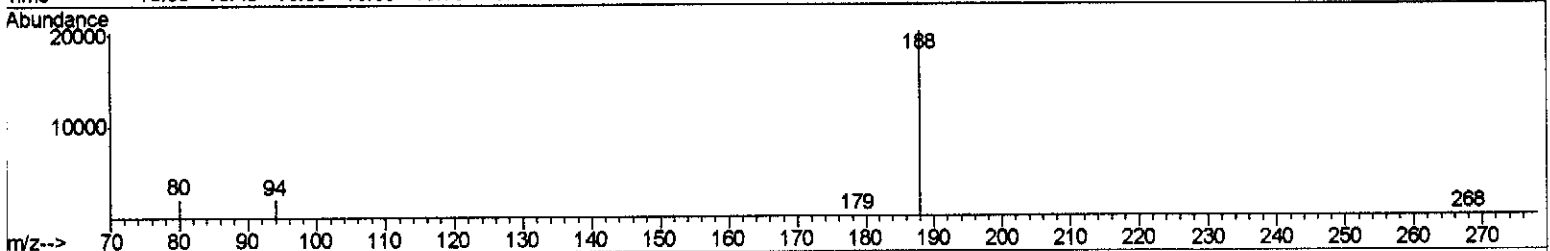
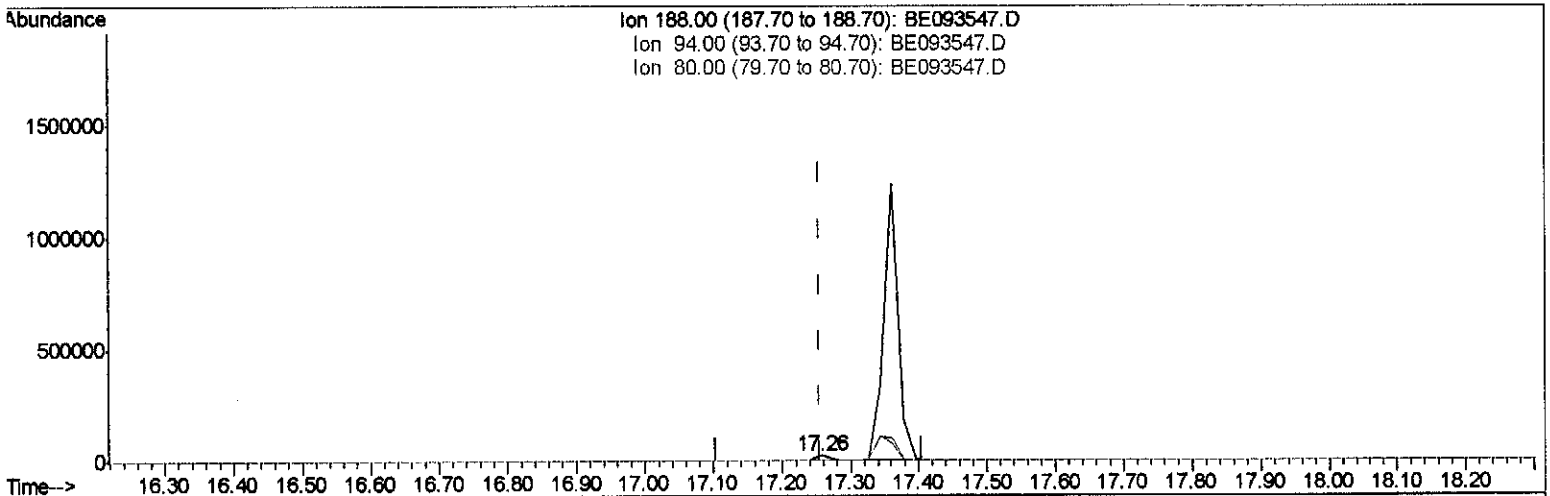
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Manual Integrations
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TIC: BE093547.D

(10) Phenanthrene-d10 (I)

17.257min (+0.001) 0.40ng/ul m

response 30512

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.52
80.00	11.80	9.83
0.00	0.00	0.00

Handwritten signature and date: JUL 25 2017

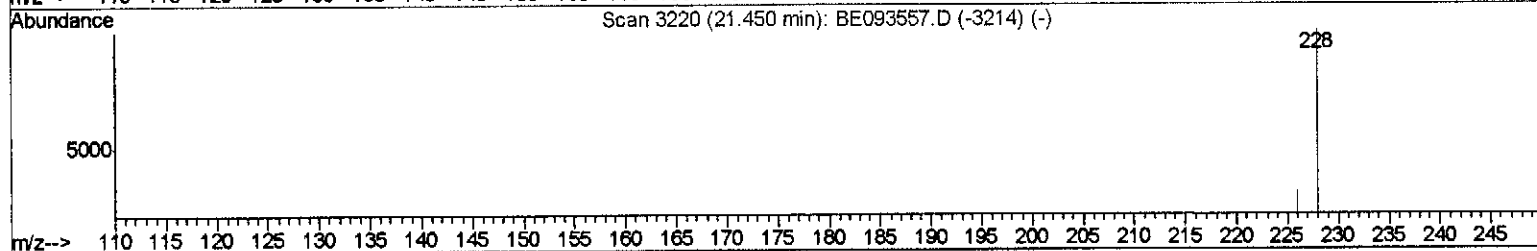
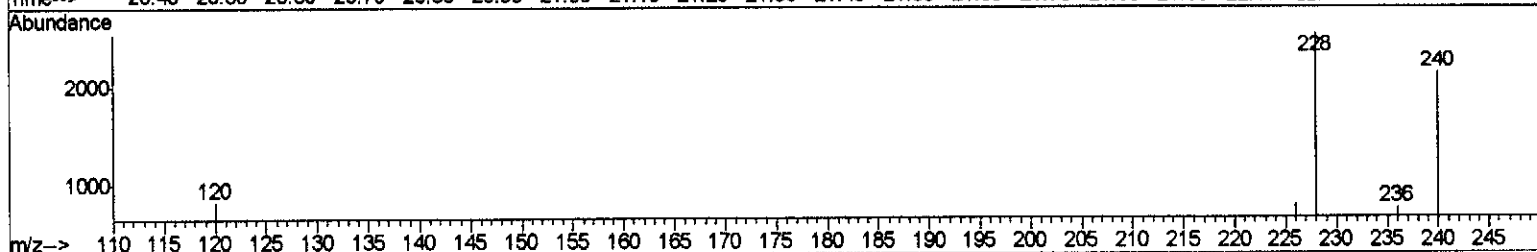
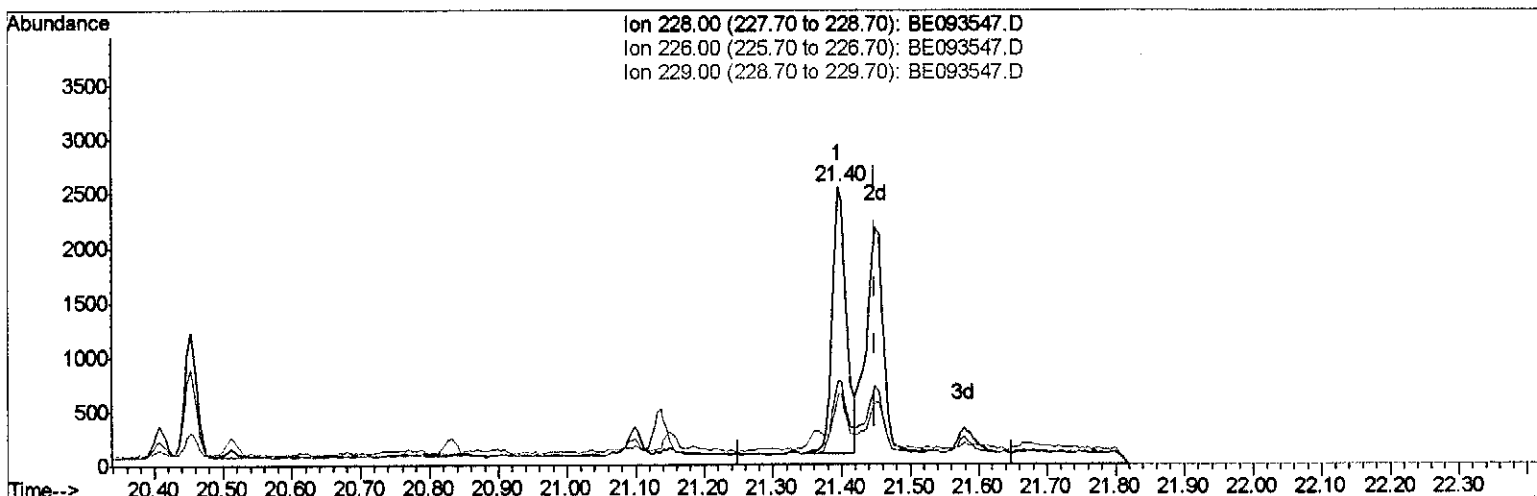
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Acq On : 24 Jul 2017 20:32
Operator : SJ/JU
Sample : I4213-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B26

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:42:14 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: BE093547.D

(19) Chrysene

21.395min (-0.054) 0.04ng/ul

response 3512

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.22
229.00	22.10	25.28
0.00	0.00	0.00

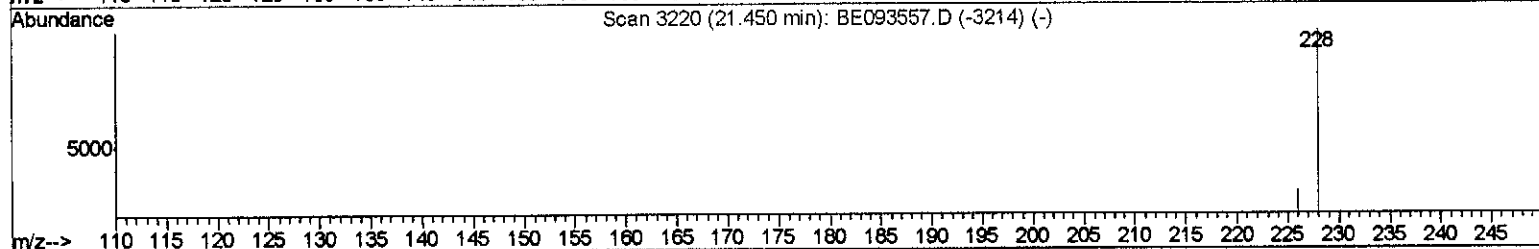
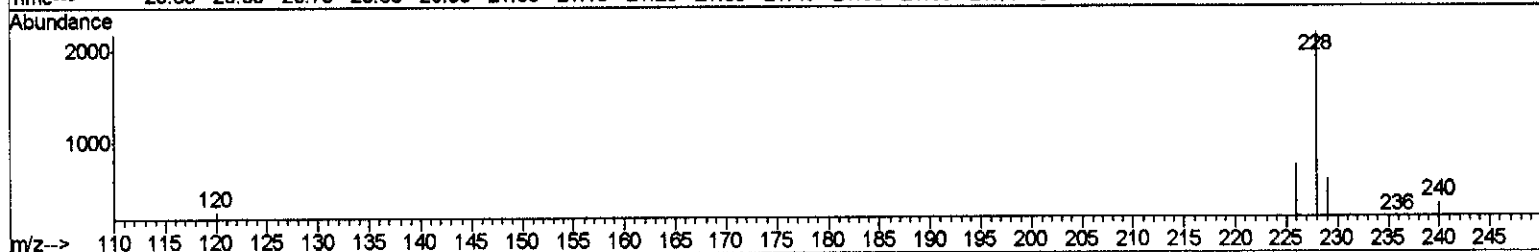
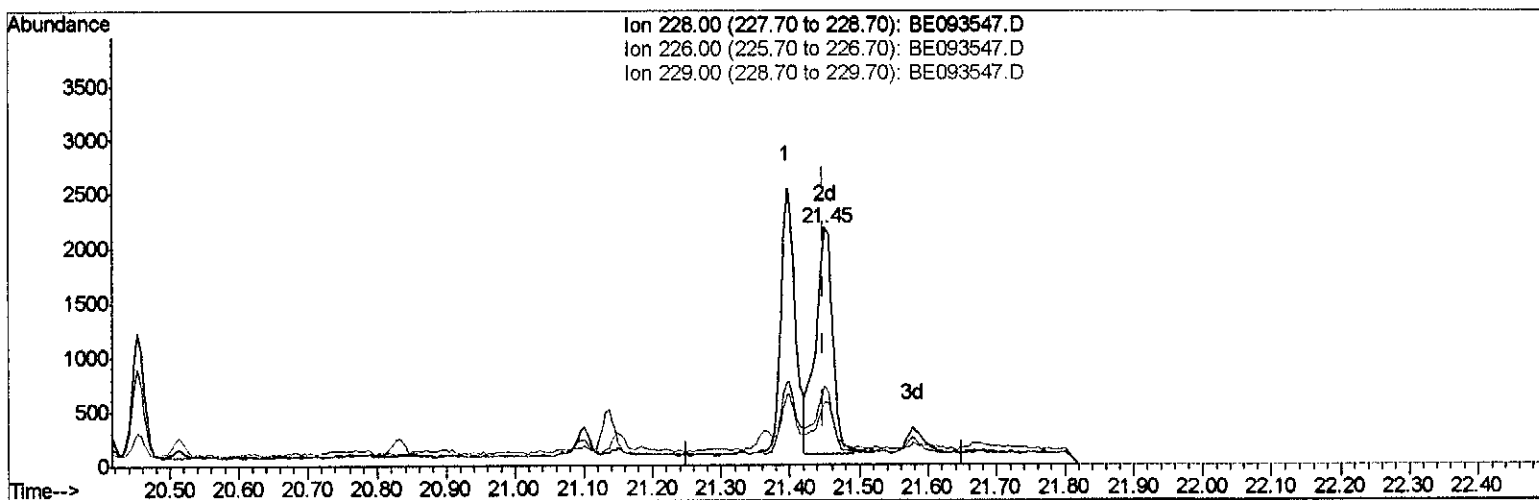
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093547.D
Acq On : 24 Jul 2017 20:32
Operator : SJ/JU
Sample : I4213-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B26

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:42:14 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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Response via : Initial Calibration



TIC: BE093547.D

(19) Chrysene

21.450min (+0.001) 0.04ng/ul m

response 3591

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	33.78
229.00	22.10	26.79#
0.00	0.00	0.00

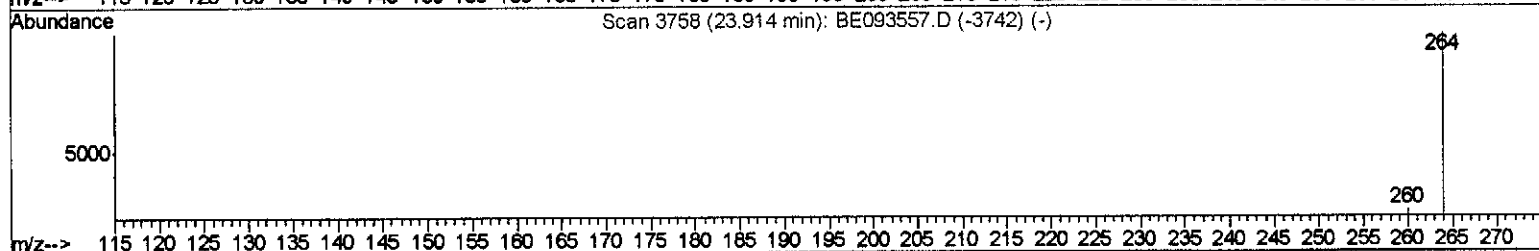
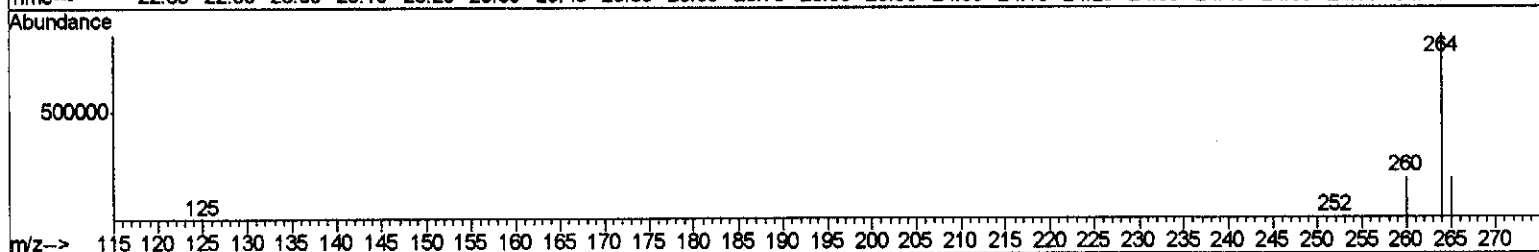
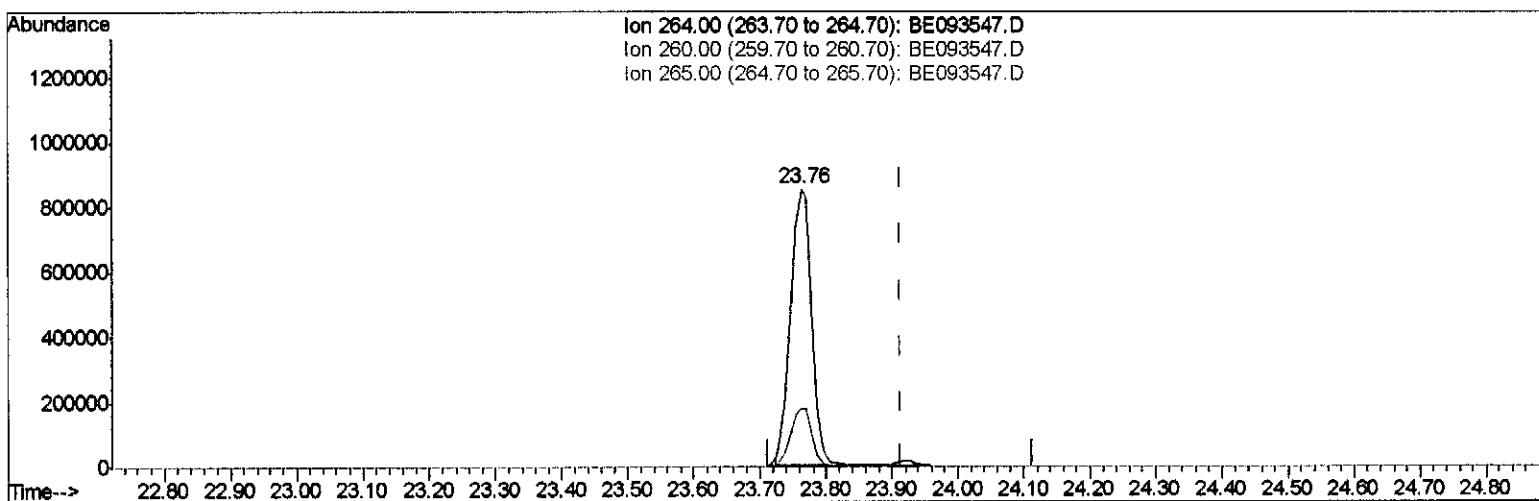
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
Data File : BE093547.D
Acq On : 24 Jul 2017 20:32
Operator : SJ/JU
Sample : I4213-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0B26

Manual Integrations
APPROVED

Sohil
7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:42:14 2017
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TIC: BE093547.D

(20) Perylene-d12 (I)
23.764min (-0.150) 0.40ng/ul
response 1876186
Ion Exp% Act%
264.00 100 100
260.00 30.10 21.38#
265.00 103.50 21.50#
0.00 0.00 0.00

Quantitation Report (Qedit)

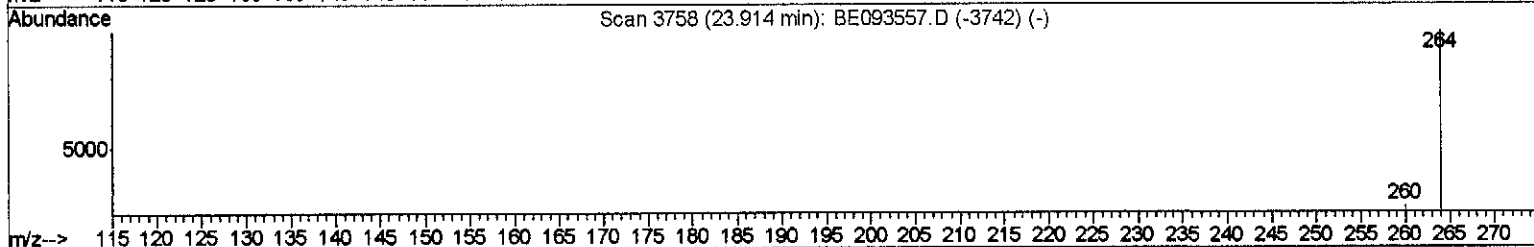
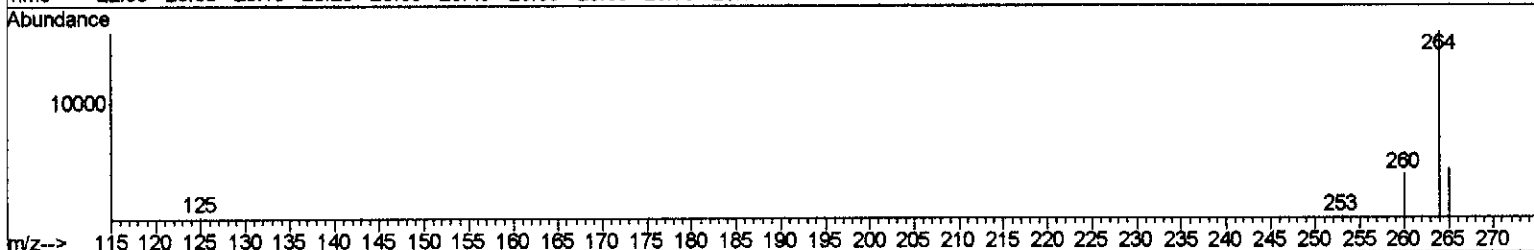
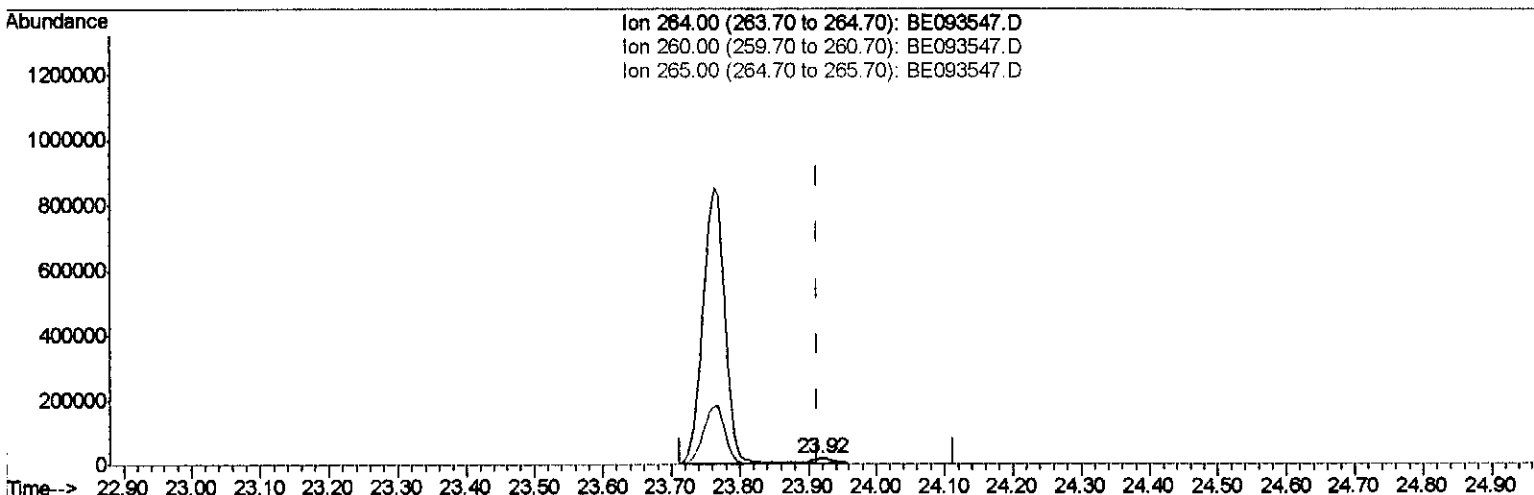
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093547.D
 Acq On : 24 Jul 2017 20:32
 Operator : SJ/JU
 Sample : I4213-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:07 PM

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TIC: BE093547.D

(20) Perylene-d12 (I)

23.919min (+0.005) 0.40ng/ul m

response 28530

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.64
265.00	103.50	27.26#
0.00	0.00	0.00

Handwritten signature and date: 8/8/17

Quantitation Report (Qedit)

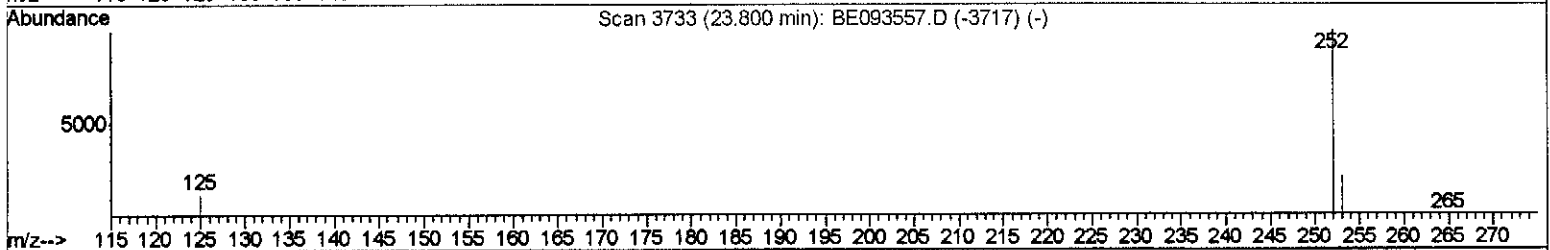
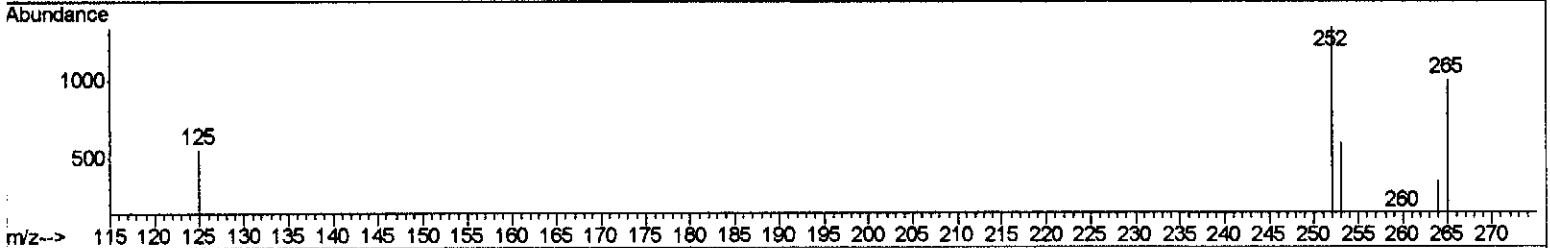
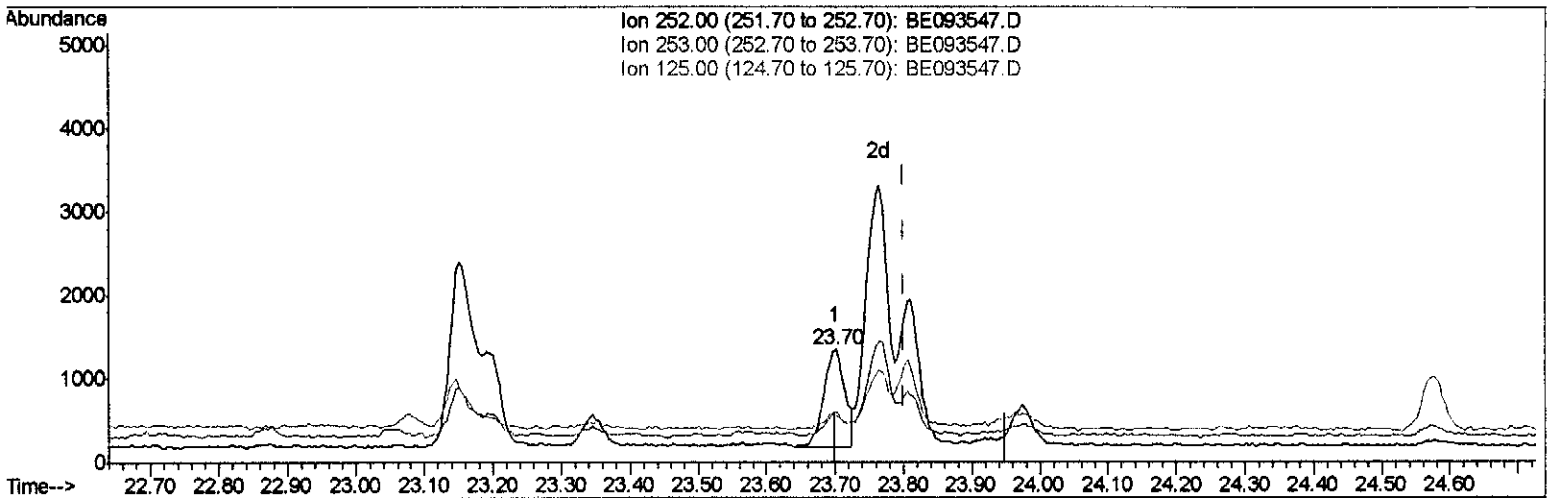
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 Data File : BE093547.D
 Acq On : 24 Jul 2017 20:32
 Operator : SJ/JU
 Sample : I4213-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:43:51 2017
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TIC: BE093547.D

(23) Benzo(a)pyrene (C)

23.700min (-0.100) 0.03ng/ul

response 2513

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	44.45#
125.00	22.60	41.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

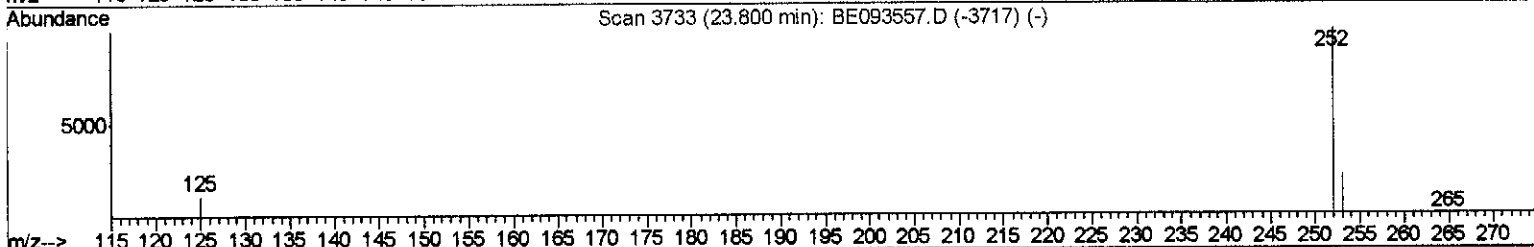
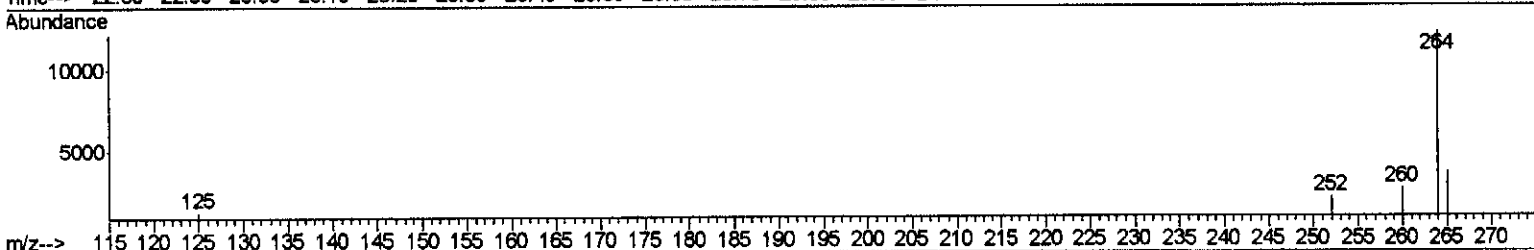
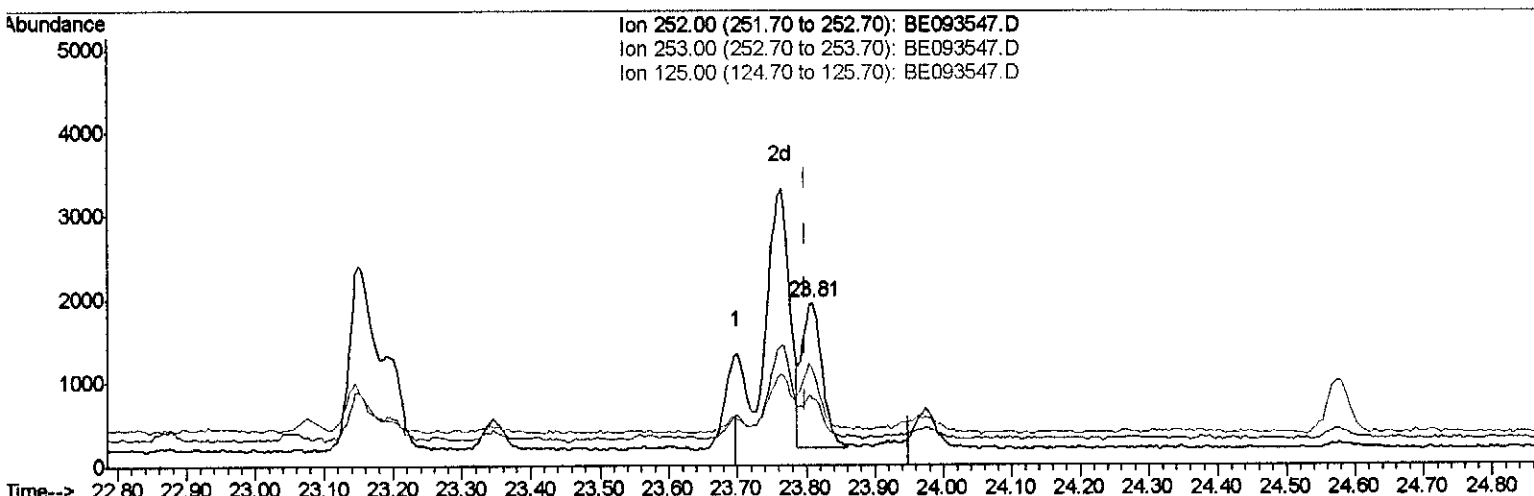
Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
 Data File : BE093547.D
 Acq On : 24 Jul 2017 20:32
 Operator : SJ/JU
 Sample : I4213-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B26

Manual Integrations
 APPROVED

Sohil
 7/25/2017 5:33:07 PM

Quant Time: Jul 25 10:43:51 2017
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TIC: BE093547.D

(23) Benzo(a)pyrene (C)

23.810min (+0.010) 0.04ng/ul m

response 3413

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	41.32
125.00	22.60	58.58#
0.00	0.00	0.00

SJ
 8/8/17

Data Path : Z:\HPCHEM1\BNA_E\Data\BE072417\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	3441	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	18219	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	12166	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	30512m>	0.40	ng/ul	>0.00
16) Chrysene-d12	21.41	240	34028	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	28530m>	0.40	ng/ul	>0.00

Jul 8/8/17
Jul 8/8/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.29	152	7352	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	24682	0.26	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.76	128	1830	0.041	ng/ul#	93
12) Phenanthrene	17.29	178	2969	0.036	ng/ul#	88
15) Fluoranthene	19.31	202	5814	0.056	ng/ul	83
17) Pyrene	19.67	202	5207	0.052	ng/ul#	93
18) Benzo(a)anthracene	21.40	228	3512	0.036	ng/ul#	88
19) Chrysene	21.45	228	3591m>	0.038	ng/ul	>
21) Benzo(b)fluoranthene	23.15	252	5349	0.061	ng/ul#	77
23) Benzo(a)pyrene	23.81	252	3413m>	0.041	ng/ul	>

Jul 8/8/17
Jul 8/8/17

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