

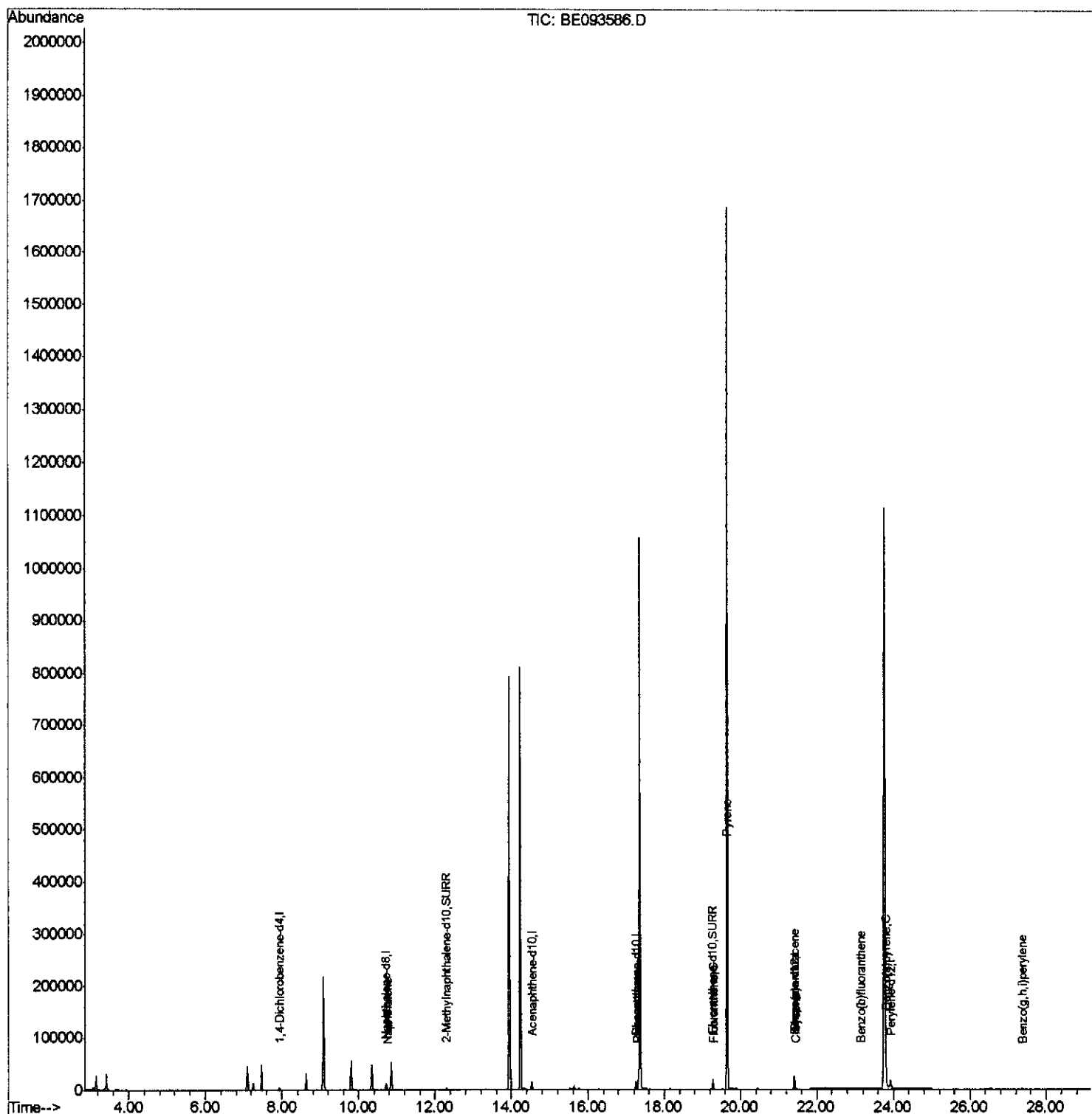
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
Data File : BE093586.D
Acq On : 25 Jul 2017 20:30
Operator : SJ/JU
Sample : I4209-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B22

Manual Integrations
APPROVED

Sohil
7/26/2017 5:56:02 PM

Quant Time: Jul 26 04:24:27 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



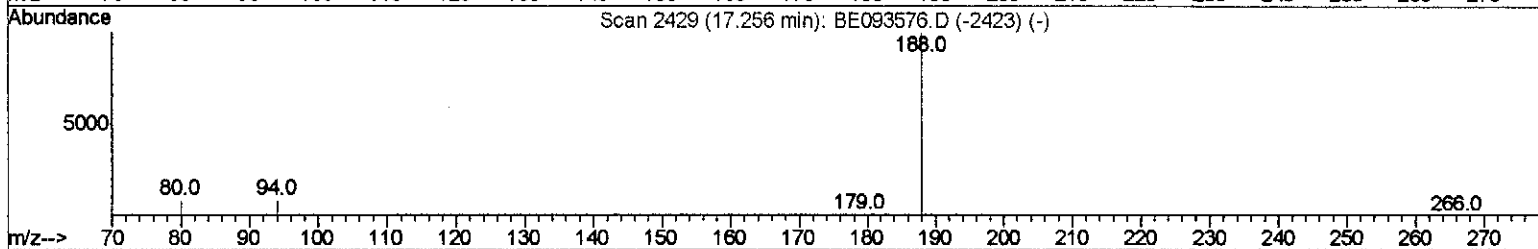
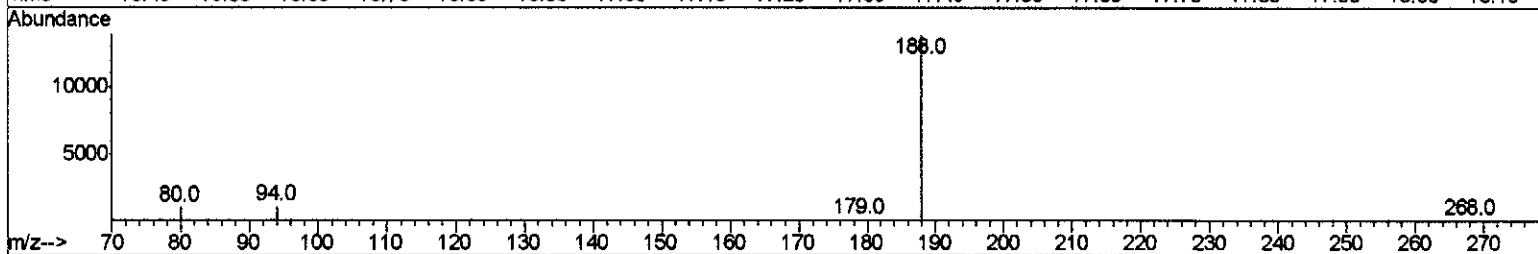
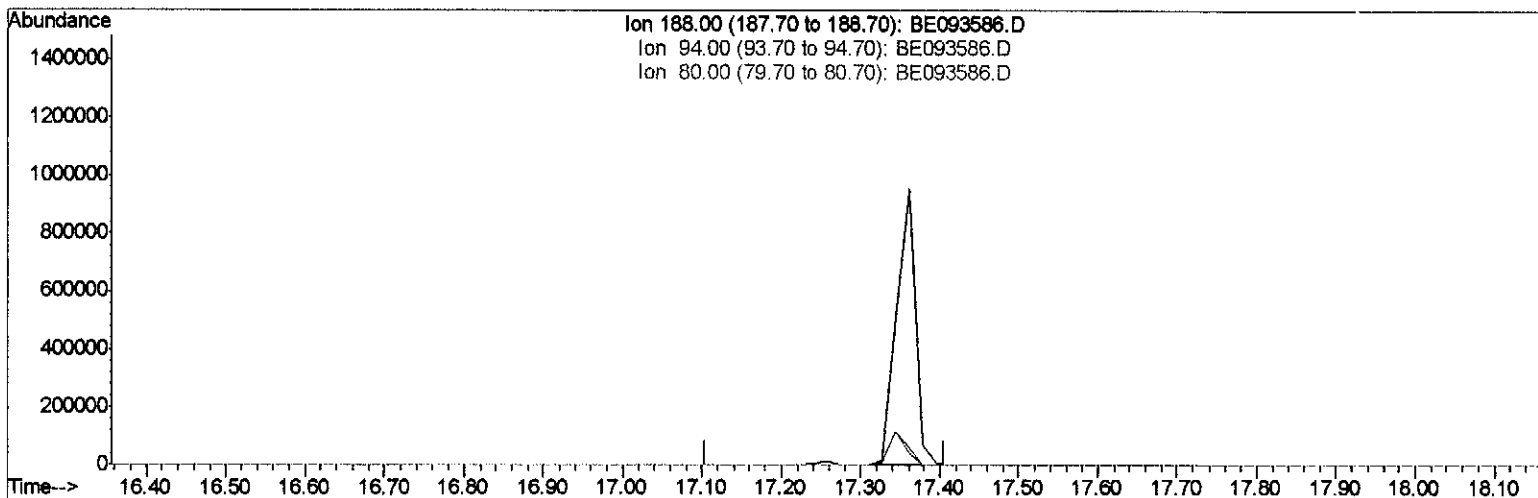
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TIC: BE093586.D

(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

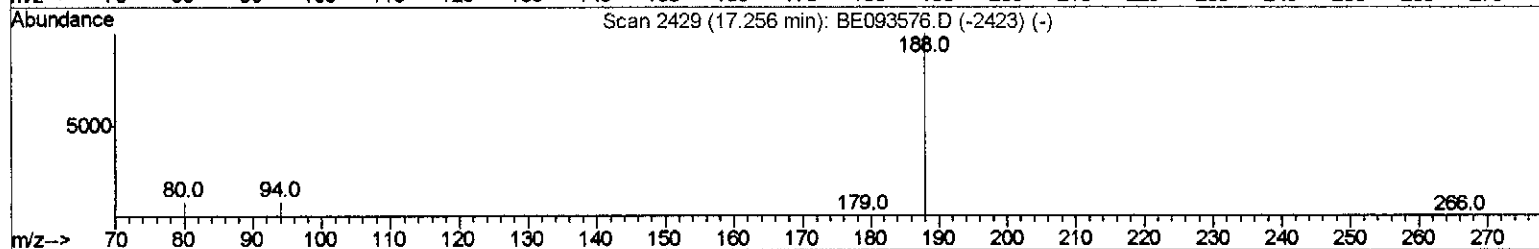
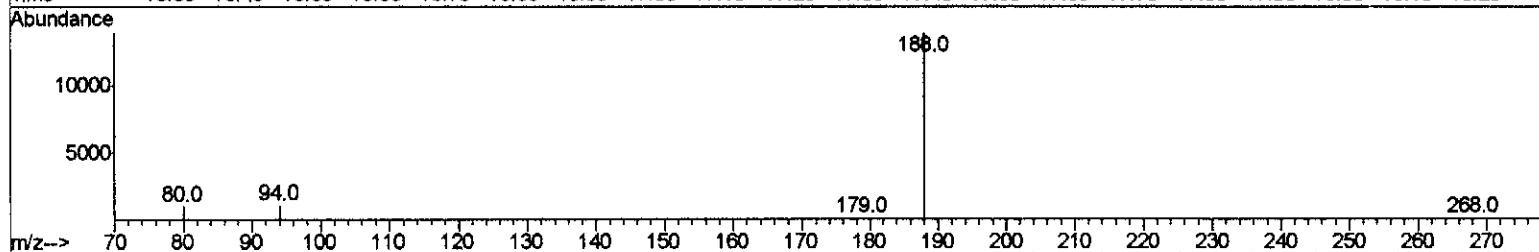
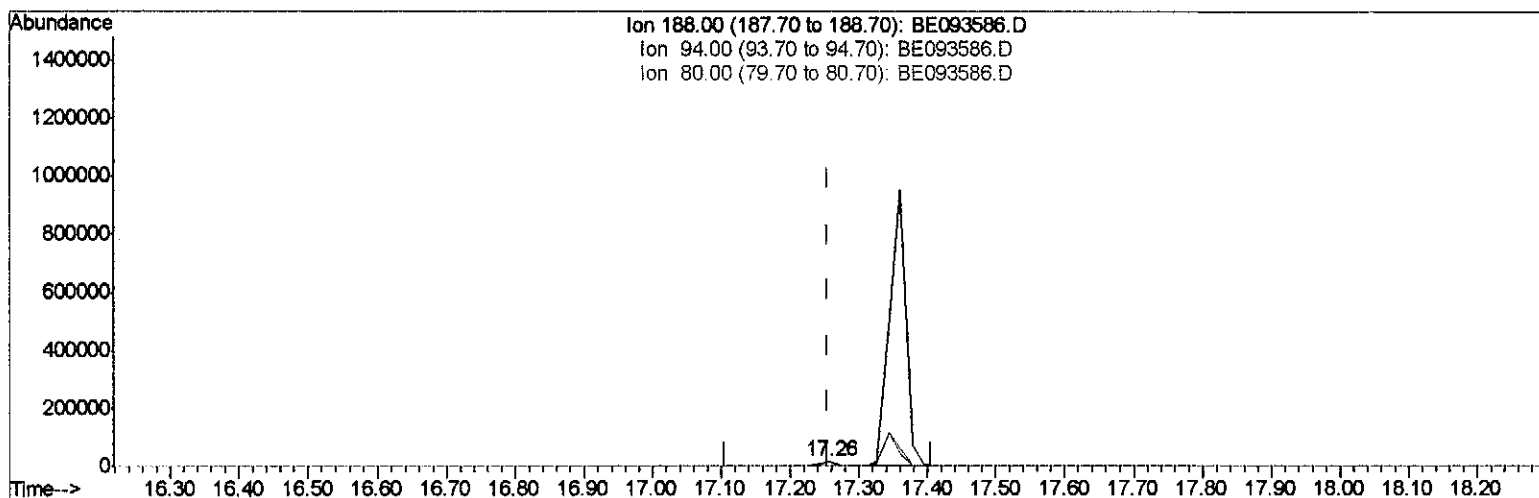
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TIC: BE093586.D

(10) Phenanthrene-d10 (I)

17.256min (+0.001) 0.40ng/ul m

SJ 8/8/17

response 20614

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	7.53#
80.00	11.80	7.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

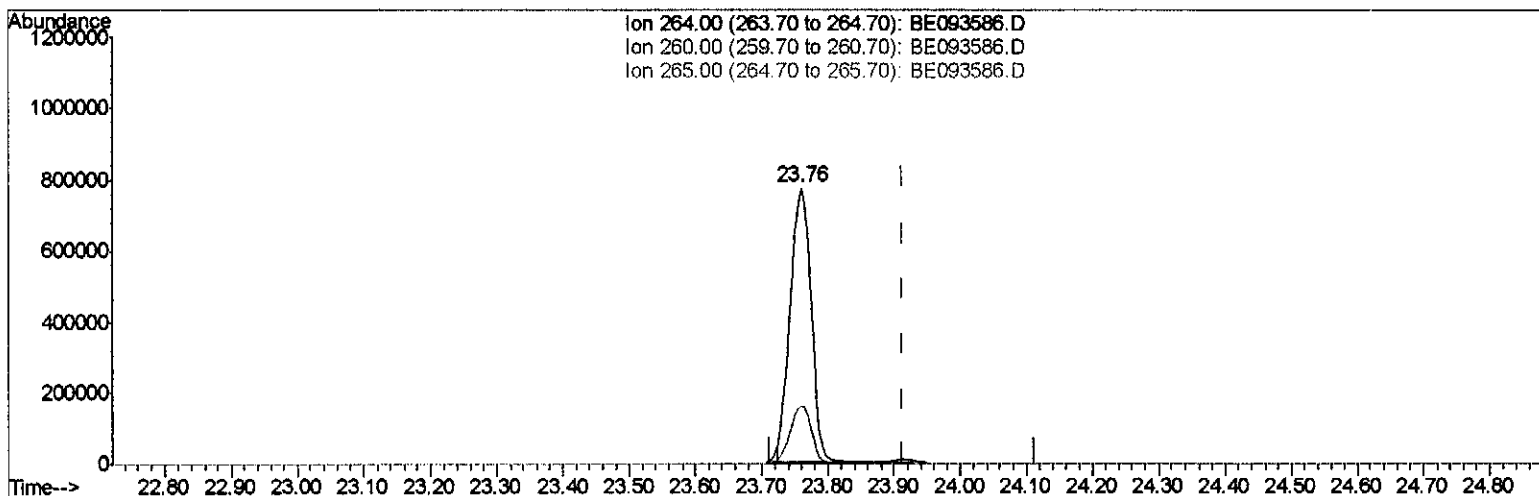
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093586.D
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 Operator : SJ/JU
 Sample : I4209-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B22

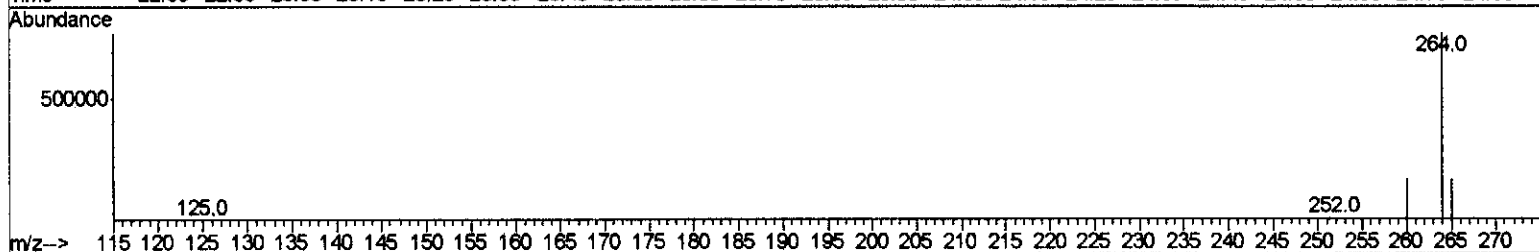
Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:02 PM

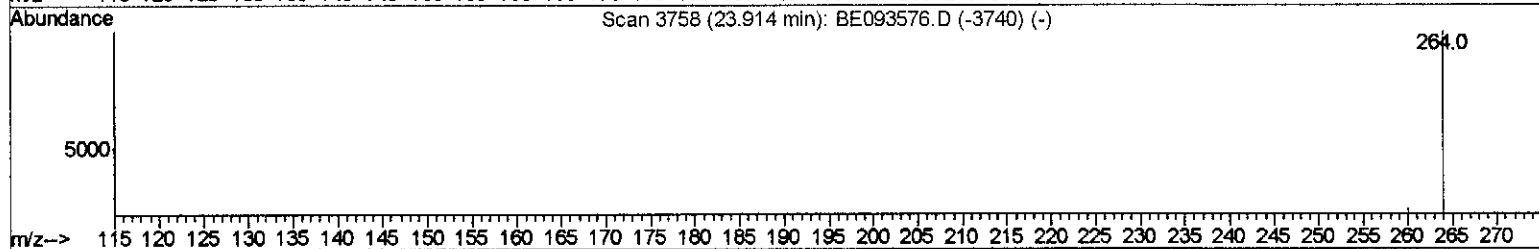
Quant Time: Jul 26 04:18:48 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Ion 264.00 (263.70 to 264.70): BE093586.D
 Ion 260.00 (259.70 to 260.70): BE093586.D
 Ion 265.00 (264.70 to 265.70): BE093586.D



Scan 3758 (23.914 min): BE093576.D (-3740) (-)



TIC: BE093586.D

(20) Perylene-d12 (I)

23.760min (-0.154) 0.40ng/ul

response 1686986

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.41#
265.00	103.50	21.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

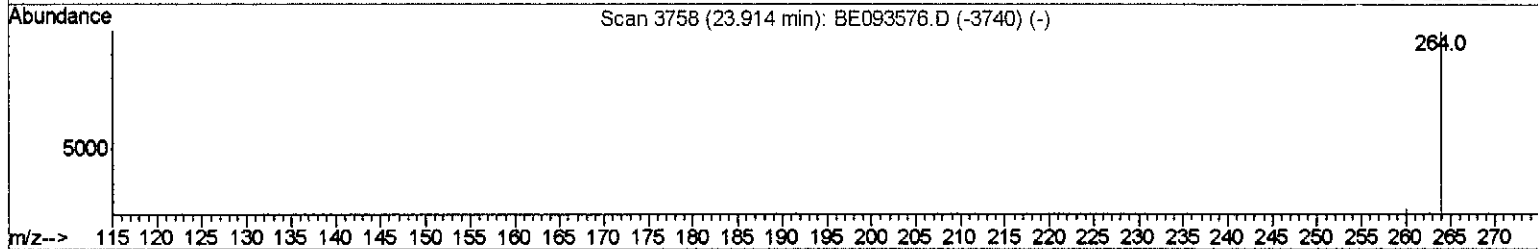
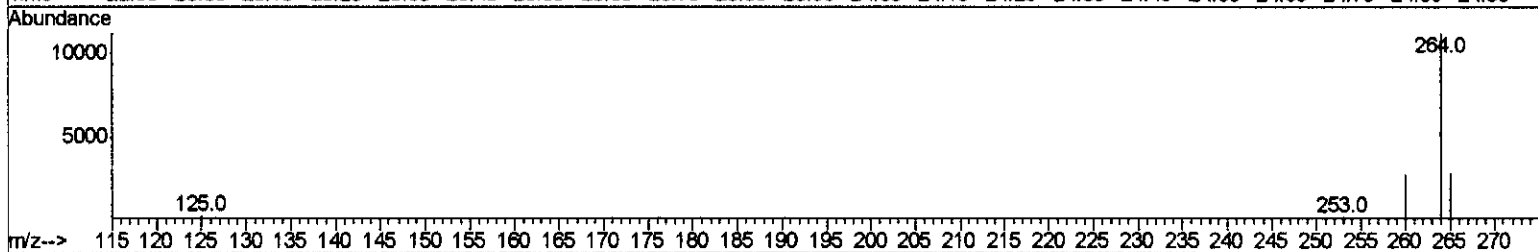
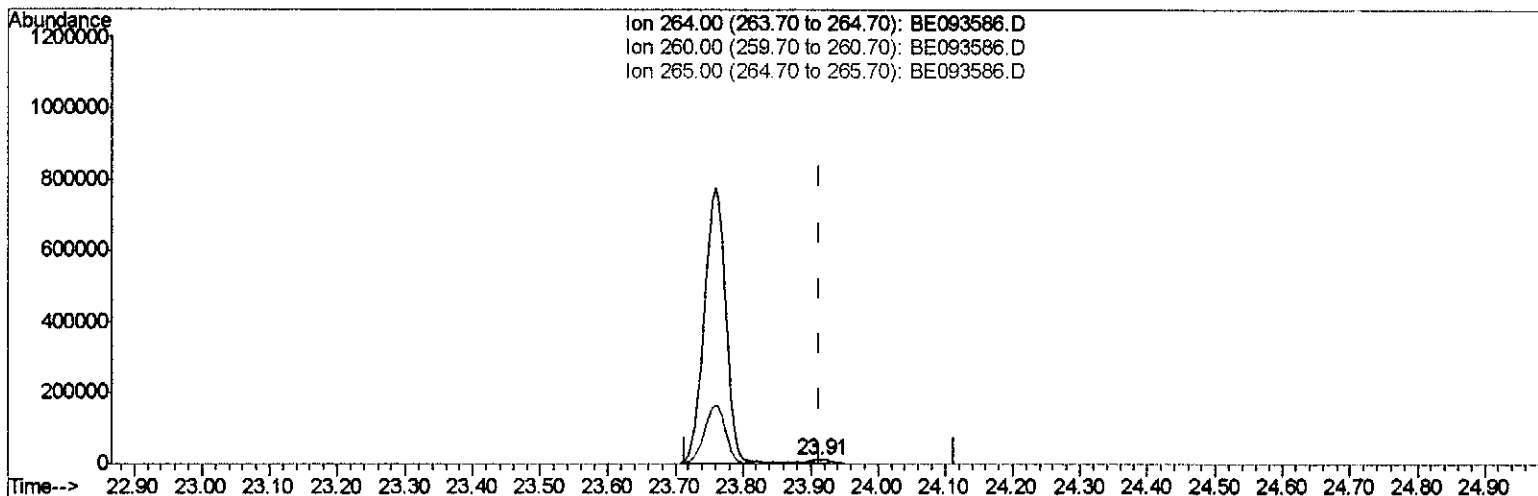
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 Sample : I4209-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0B22

Manual Integrations
 APPROVED

Sohil
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TIC: BE093586.D

(20) Perylene-d12 (I)

23.915min (+0.001) 0.40ng/ul m

SJ 8/8/17

response 20451

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	24.38
265.00	103.50	25.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

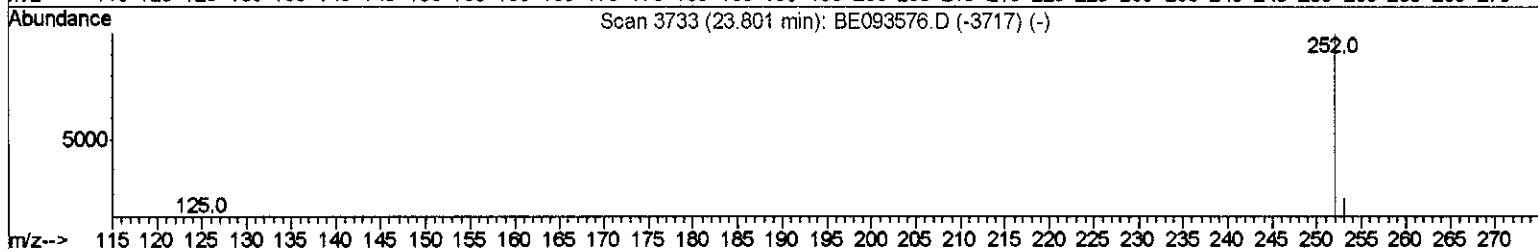
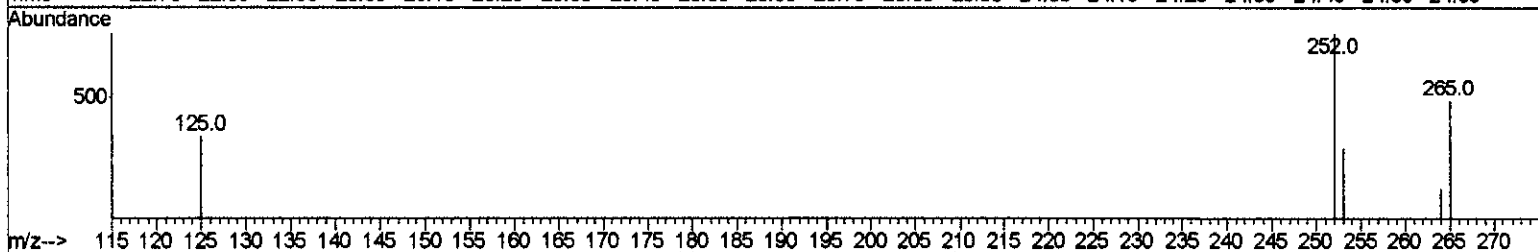
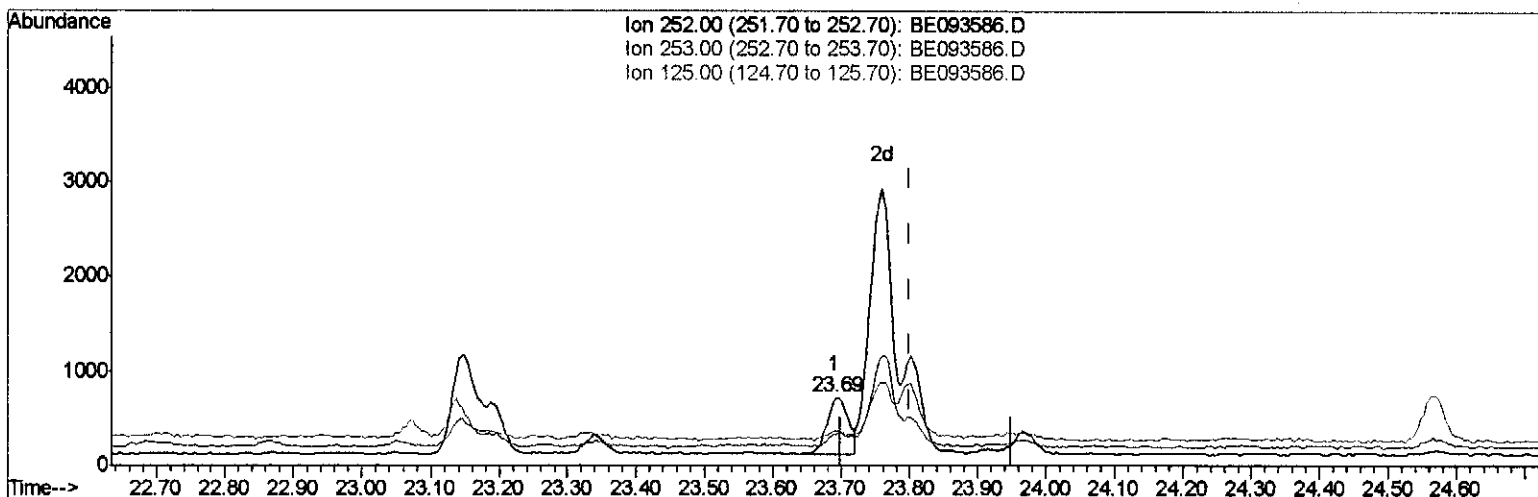
Data Path : Z:\HPCHEM1\BNA E\DATA\BE072517\
 Data File : BE093586.D
 Acq On : 25 Jul 2017 20:30
 Operator : SJ/JU
 Sample : I4209-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0B22

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:02 PM

Quant Time: Jul 26 04:21:26 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
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TIC: BE093586.D

(23) Benzo(a)pyrene (C)
 23.691min (-0.109) 0.02ng/ul
 response 1330

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	45.83#
125.00	22.60	51.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

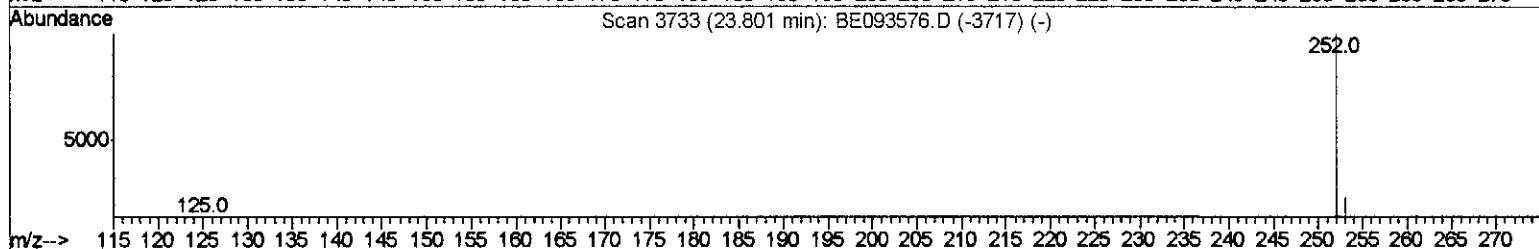
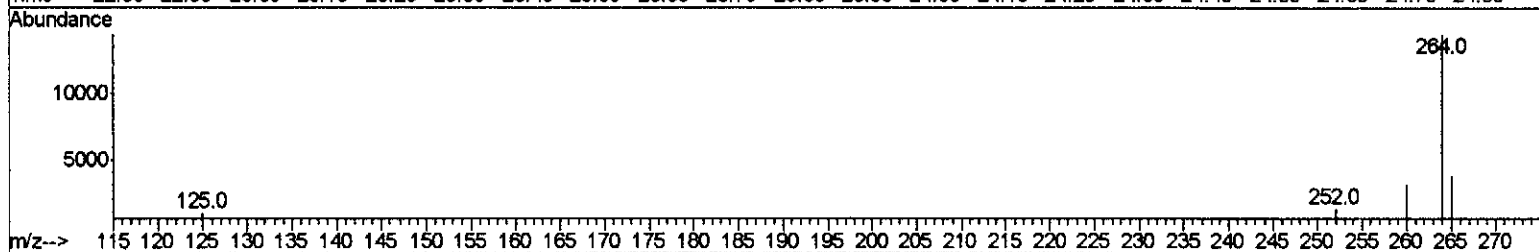
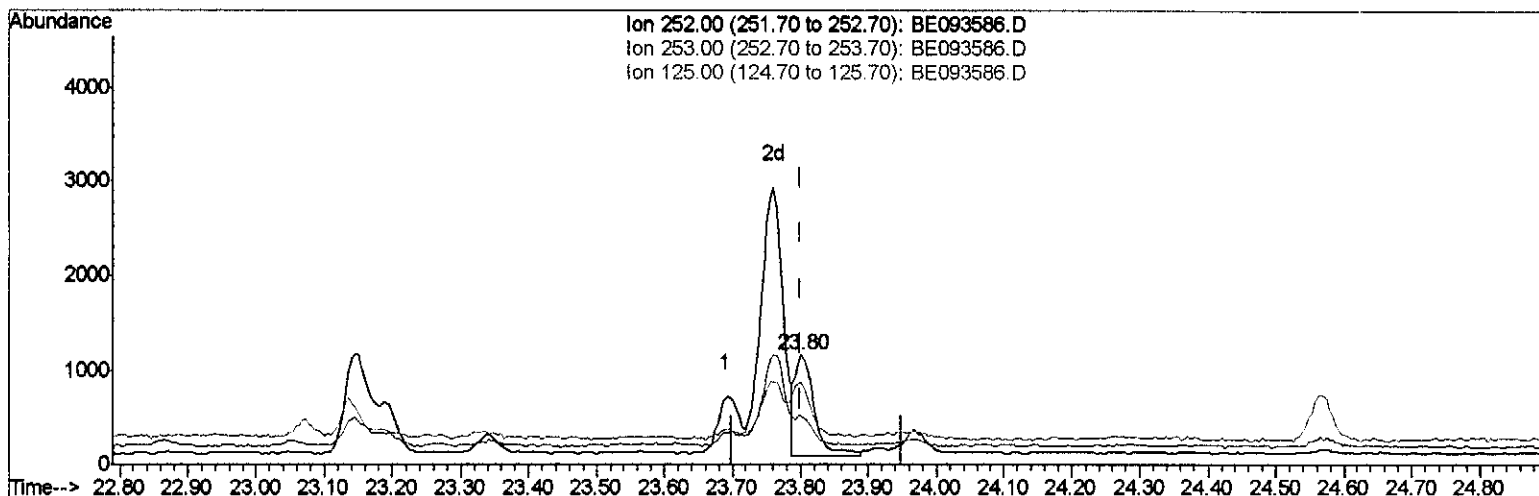
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 Sample : I4209-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 C0B22

Manual Integrations
 APPROVED

Sohil
 7/26/2017 5:56:02 PM

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TIC: BE093586.D

(23) Benzo(a)pyrene (C)

23.801min (+0.001) 0.04ng/ul m

SJ 8/8/17

response 2124

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	44.25#
125.00	22.60	74.87#
0.00	0.00	0.00

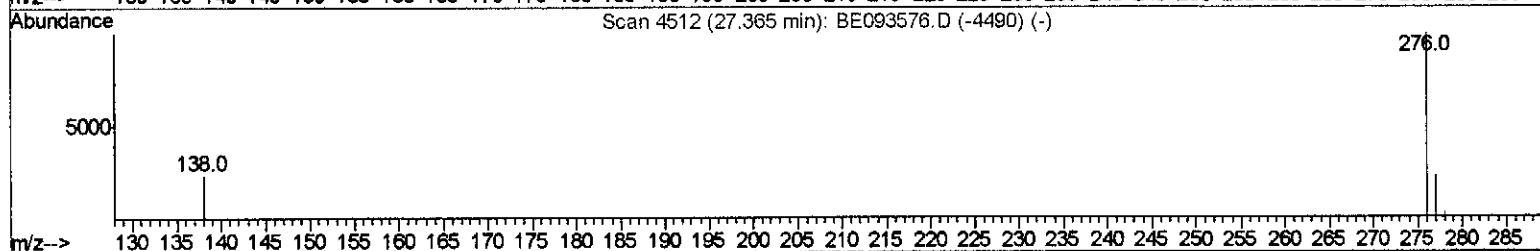
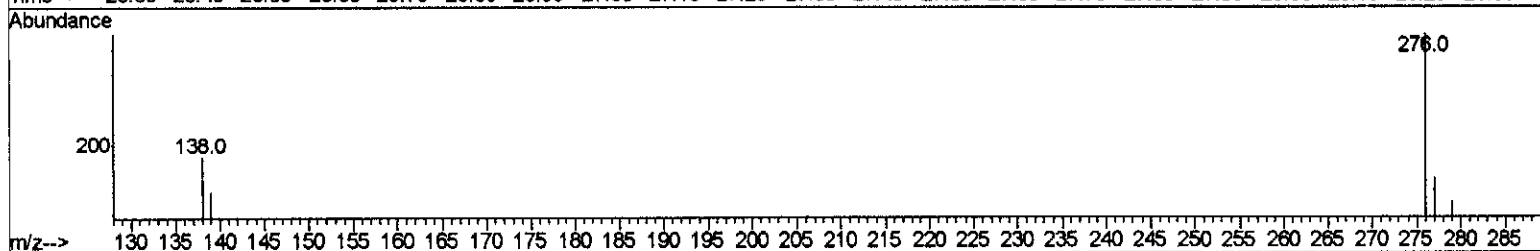
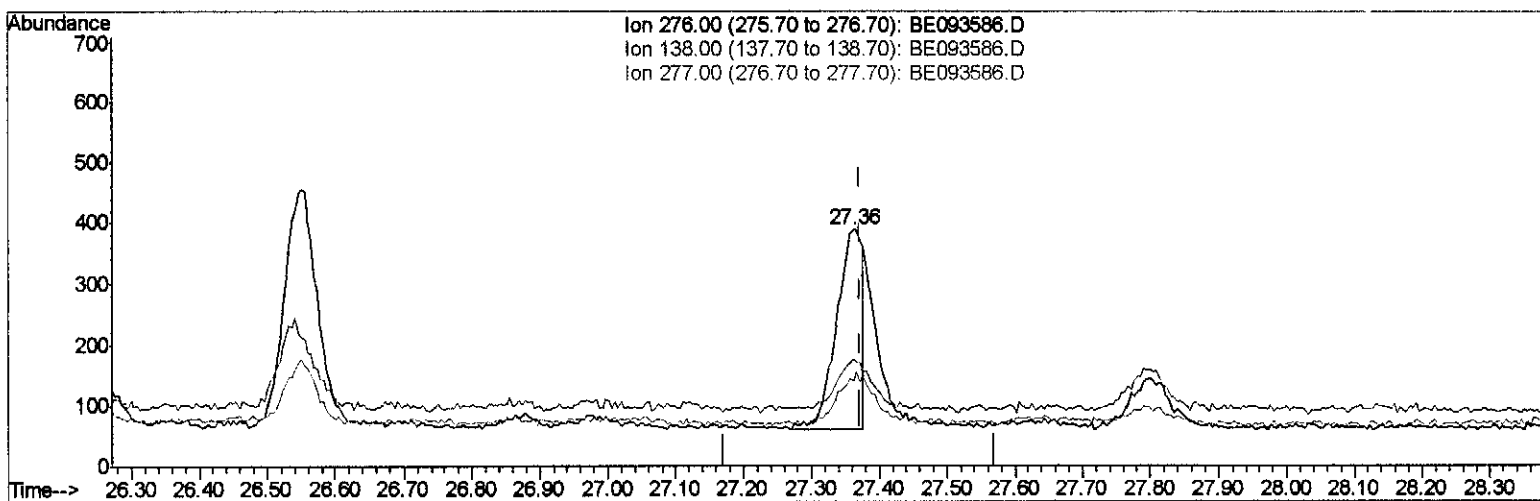
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Data File : BE093586.D
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Sample : I4209-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampled :
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TIC: BE093586.D

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

27.361min (-0.010) 0.02ng/ul

response 859

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	45.50#
277.00	25.60	36.50#
0.00	0.00	0.00

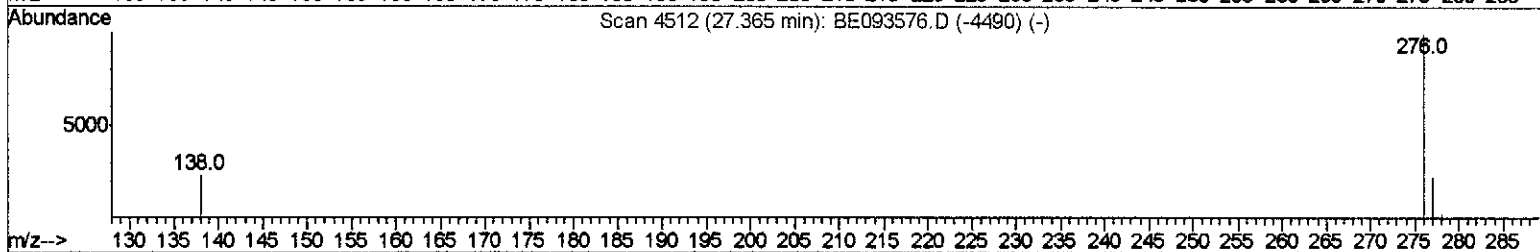
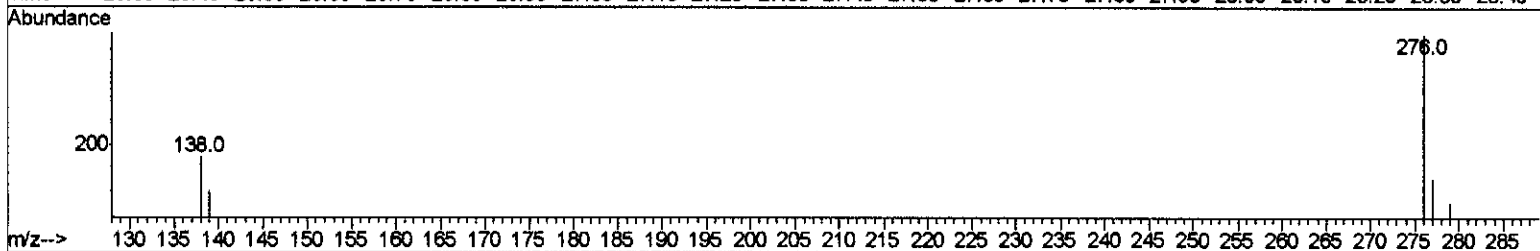
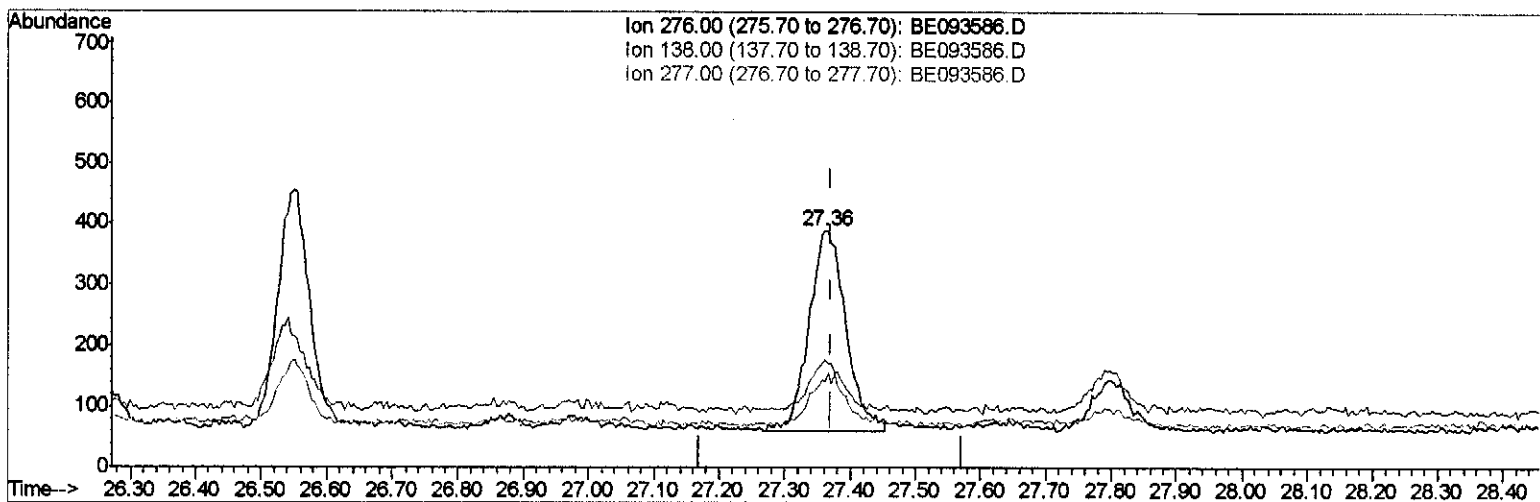
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Sample : I4209-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0B22

Manual Integrations
APPROVED

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7/26/2017 5:56:02 PM

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TIC: BE093586.D

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

27.361min (-0.010) 0.02ng/ul m

SJ 8/8/17

response 1278

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	45.50#
277.00	25.60	36.50#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	2421	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13016	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	8593	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	20614m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	22744	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	20451m	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	6572	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	21730	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.76	128	2691	0.085	ng/ul#	95
12) Phenanthrene	17.29	178	1823	0.032	ng/ul#	90
15) Fluoranthene	19.30	202	2744	0.039	ng/ul	85
17) Pyrene	19.66	202	3211	0.048	ng/ul	93
18) Benzo(a)anthracene	21.40	228	1546	0.023	ng/ul#	86
19) Chrysene	21.45	228	1548	0.024	ng/ul#	85
21) Benzo(b)fluoranthene	23.15	252	2644	0.042	ng/ul#	68
23) Benzo(a)pyrene	23.80	252	2124m	0.035	ng/ul	
26) Benzo(g,h,i)perylene	27.36	276	1278m	0.023	ng/ul	

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