

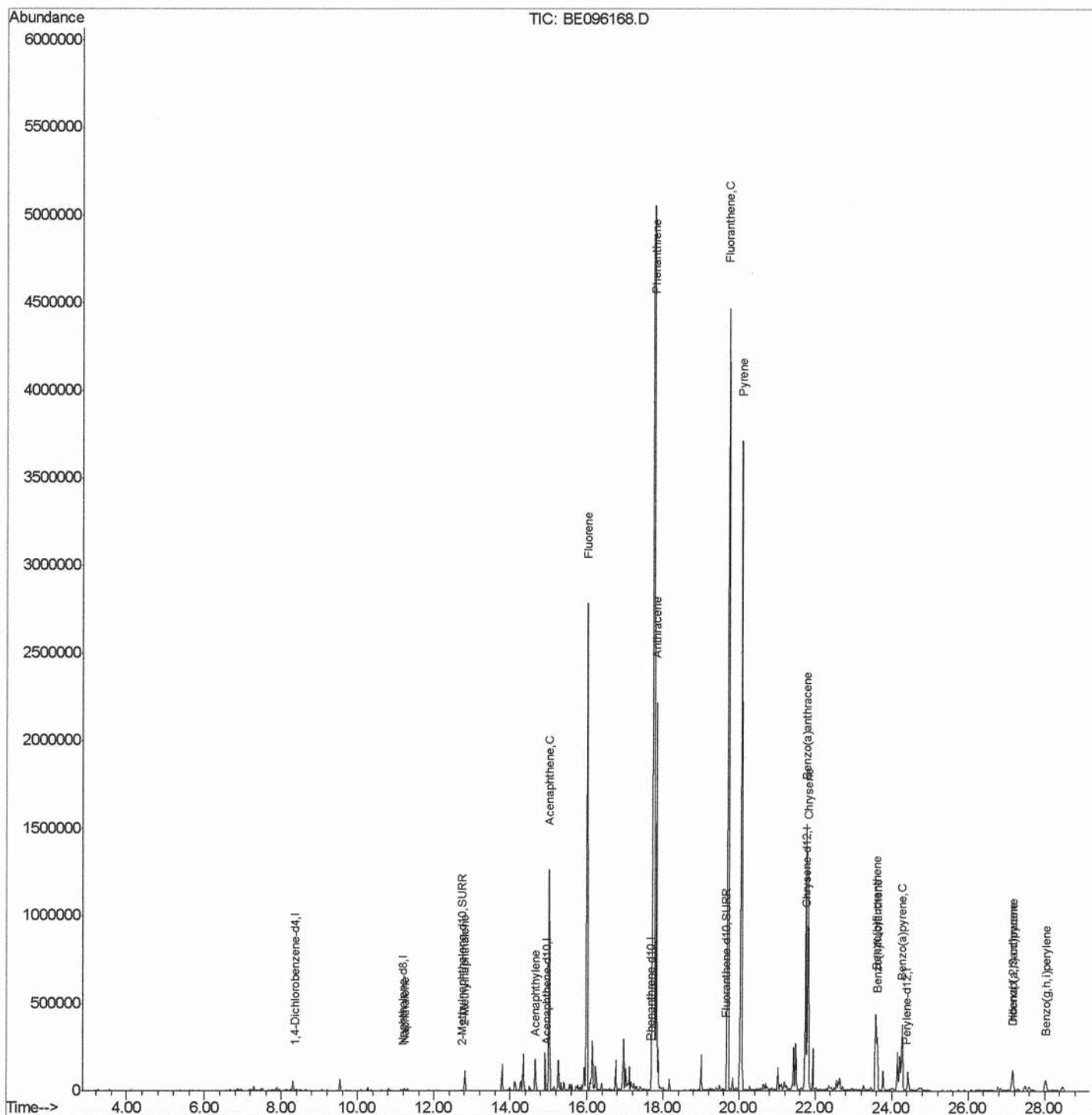
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096168.D
Acq On : 26 Apr 2018 3:20
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASN9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:26 PM

Quant Time: Apr 26 06:56:18 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

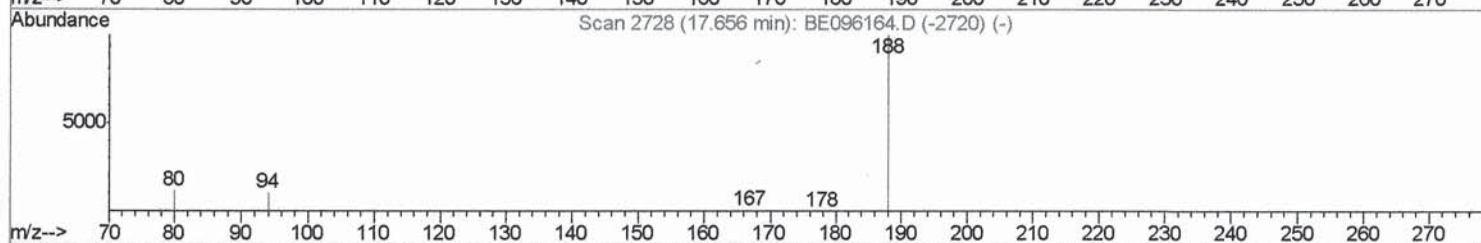
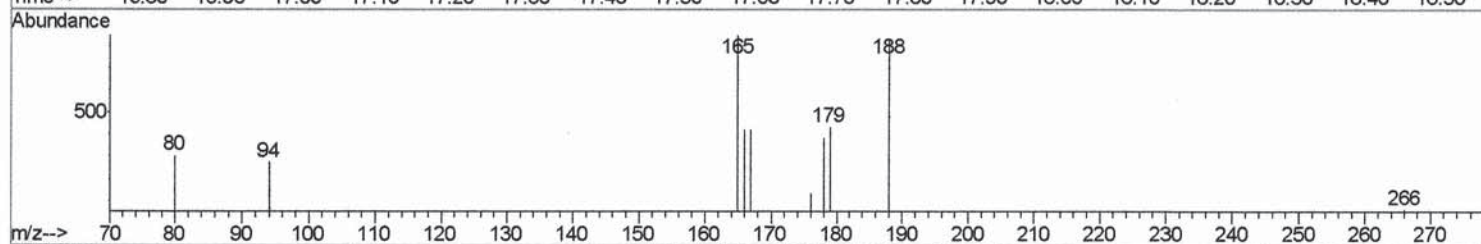
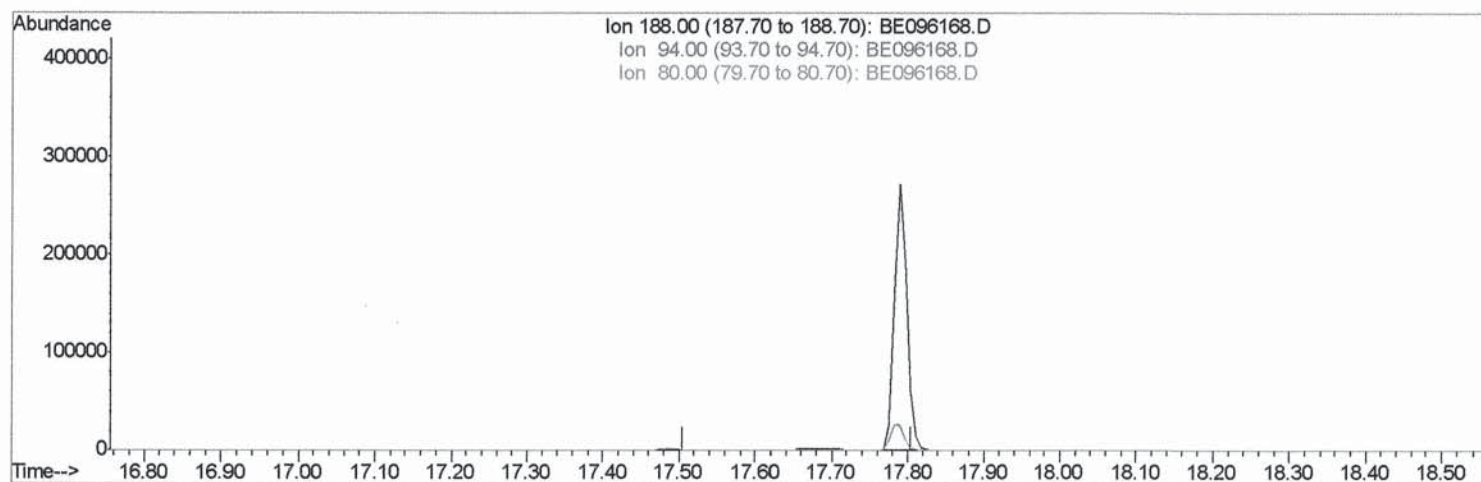
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:26 PM

Quant Time: Apr 26 06:41:46 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096168.D

(10) Phenanthrene-d10 (I)

17.656min (-17.656) 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)

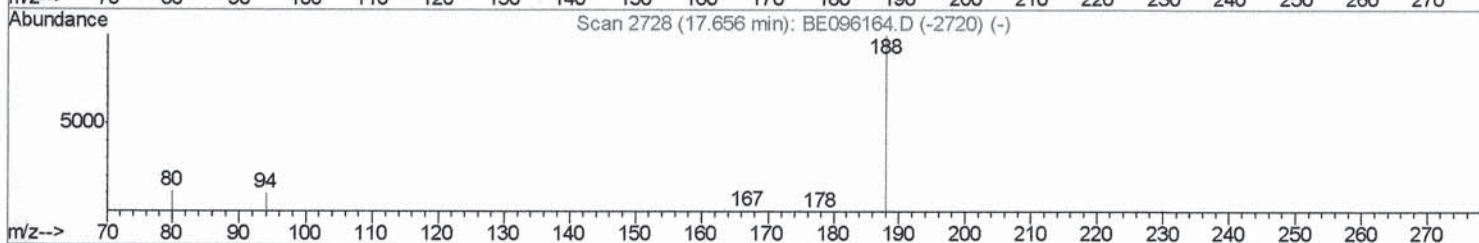
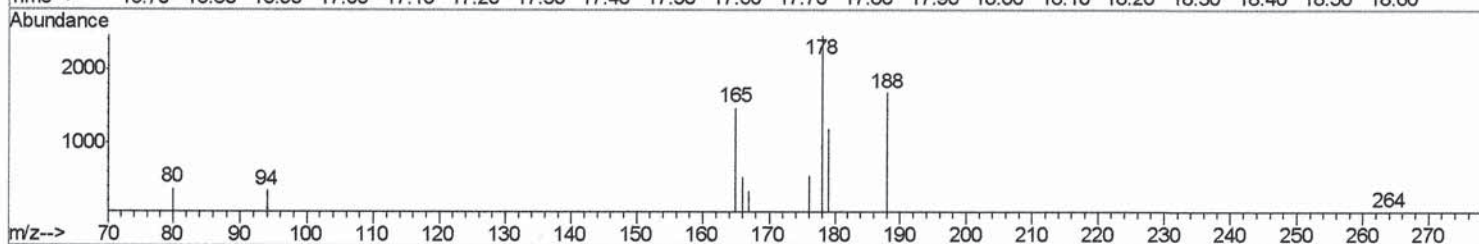
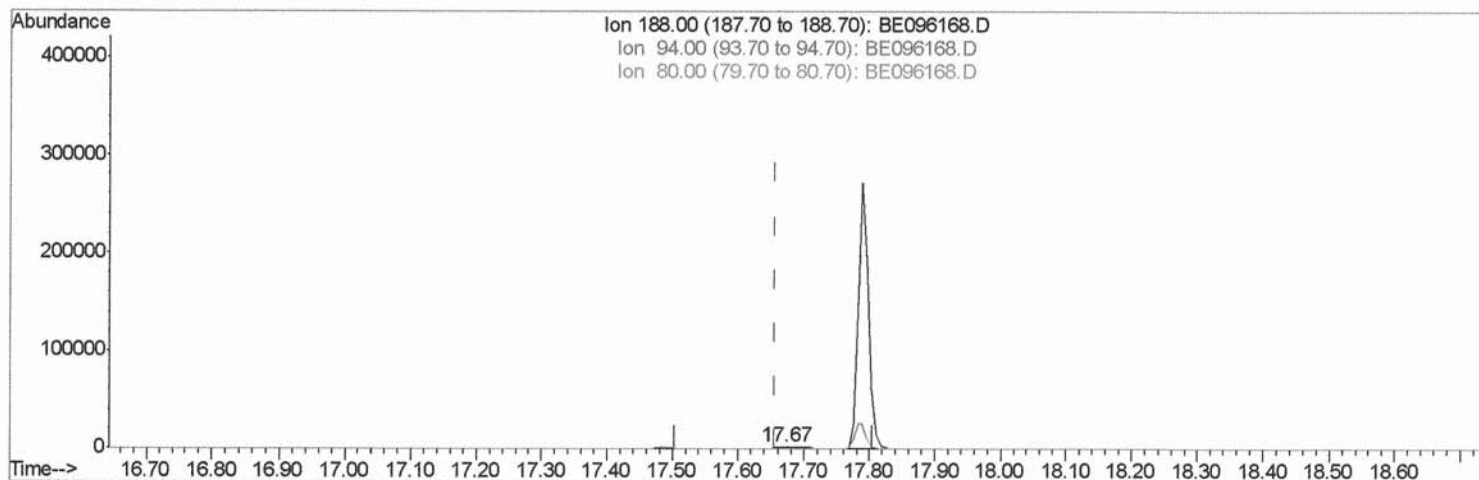
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096168.D
 Acq On : 26 Apr 2018 3:20
 Operator : SJ/JU
 Sample : J2431-08
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 ALS Vial : 27 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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 Response via : Initial Calibration



TIC: BE096168.D

(10) Phenanthrene-d10 (I)

17.669min (+0.014) 0.40ng/ul m) SJ 4/24/18

response 5150

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	20.62#
80.00	11.80	21.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

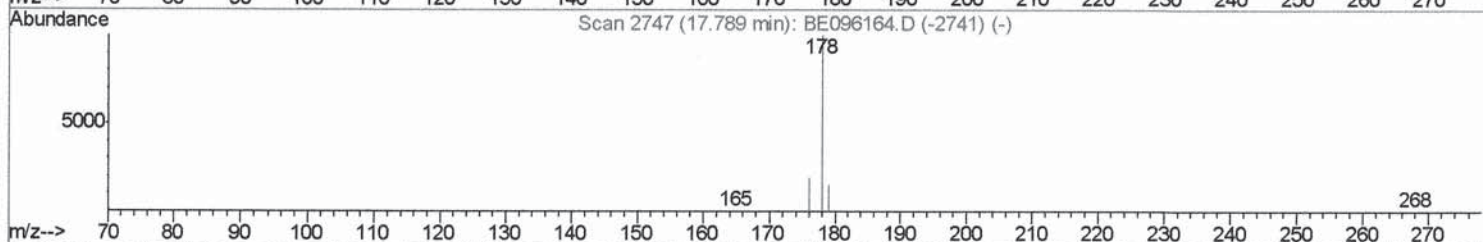
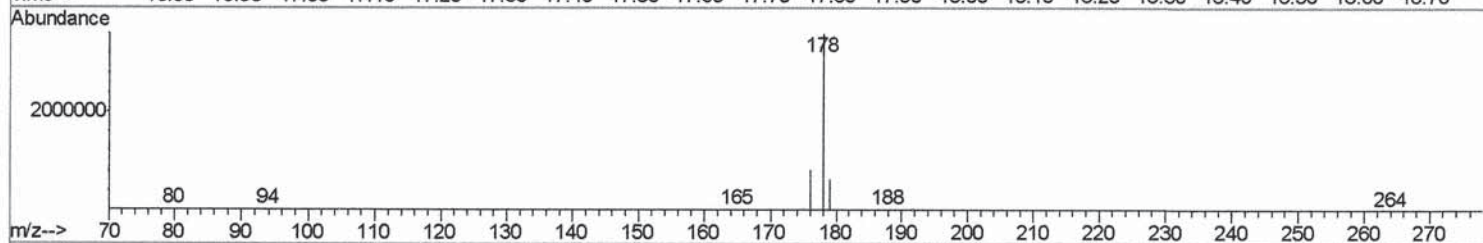
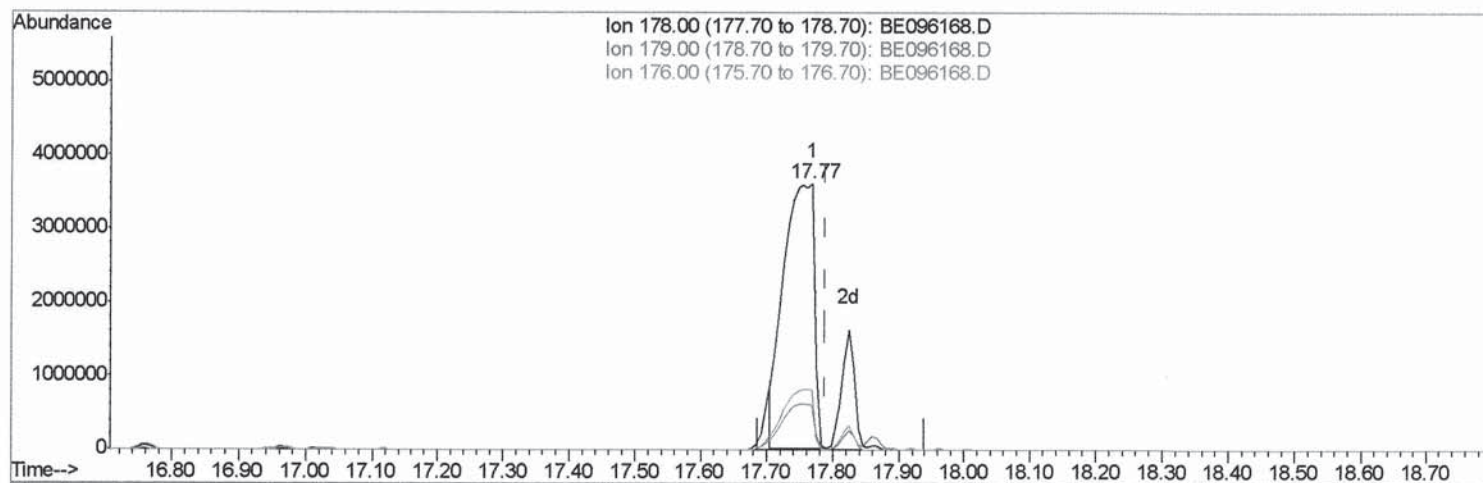
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096168.D
Acq On : 26 Apr 2018 3:20
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:26 PM

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TIC: BE096168.D

(13) Anthracene

17.768min (-0.021) 762.64ng/ul

response 11601315

Ion	Exp%	Act%
-----	------	------

178.00	100	100
--------	-----	-----

179.00	22.60	17.05#
--------	-------	--------

176.00	18.40	22.88#
--------	-------	--------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

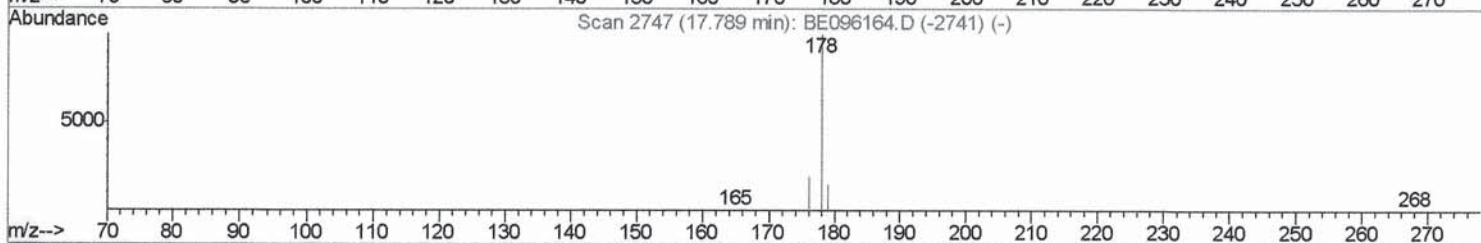
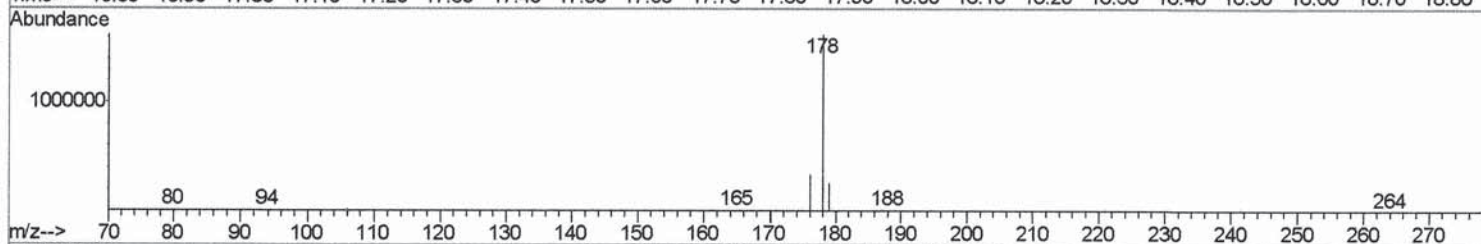
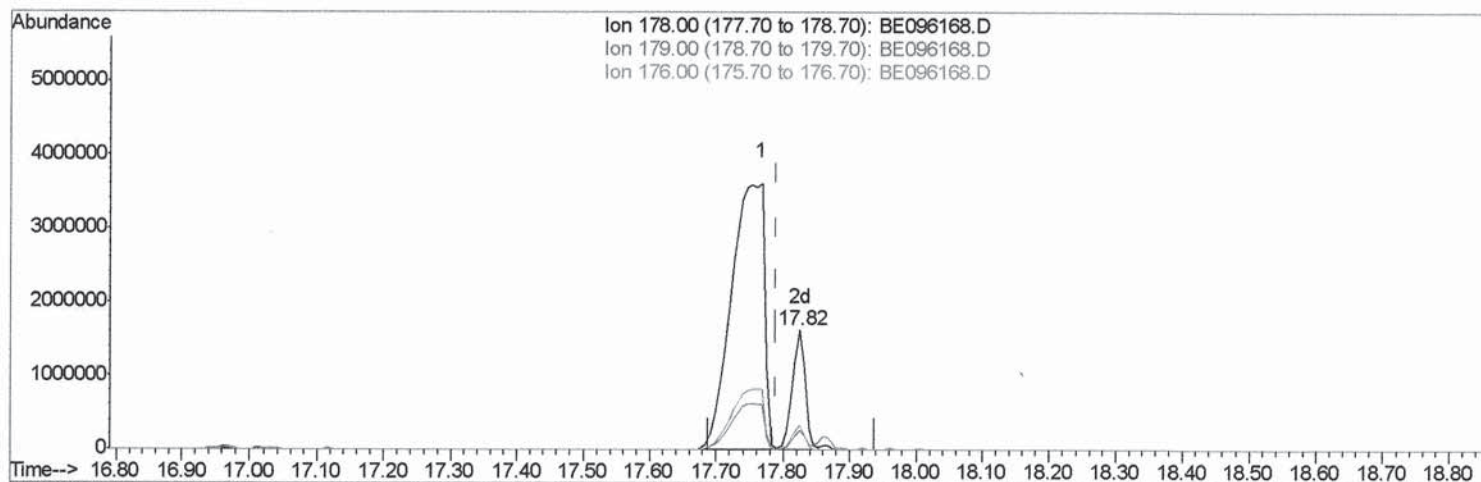
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096168.D
Acq On : 26 Apr 2018 3:20
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASN9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:26 PM

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Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096168.D

(13) Anthracene

17.824min (+0.035) 142.31ng/ul m) SJ 4/27/18

response 2164892

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	15.88#
176.00	18.40	20.40
0.00	0.00	0.00

Quantitation Report (Qedit)

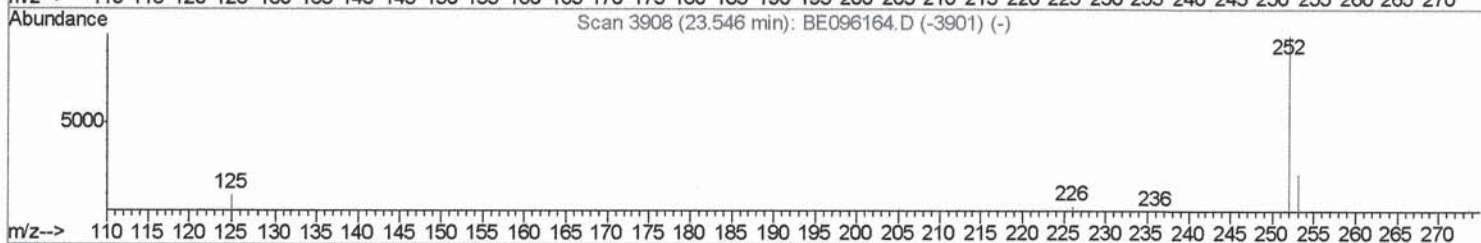
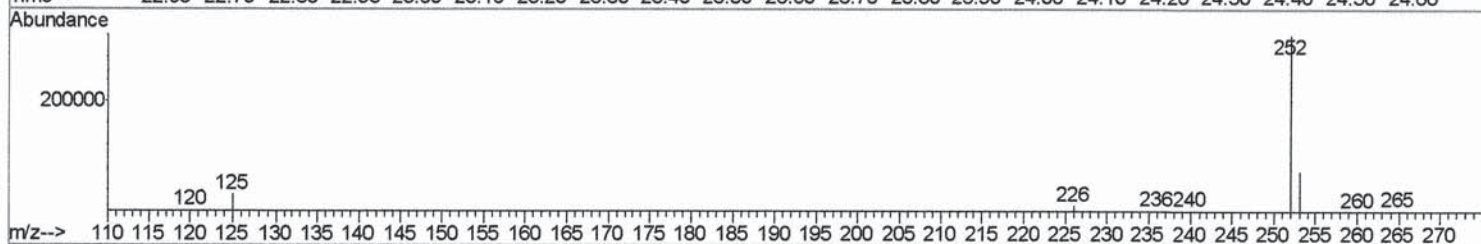
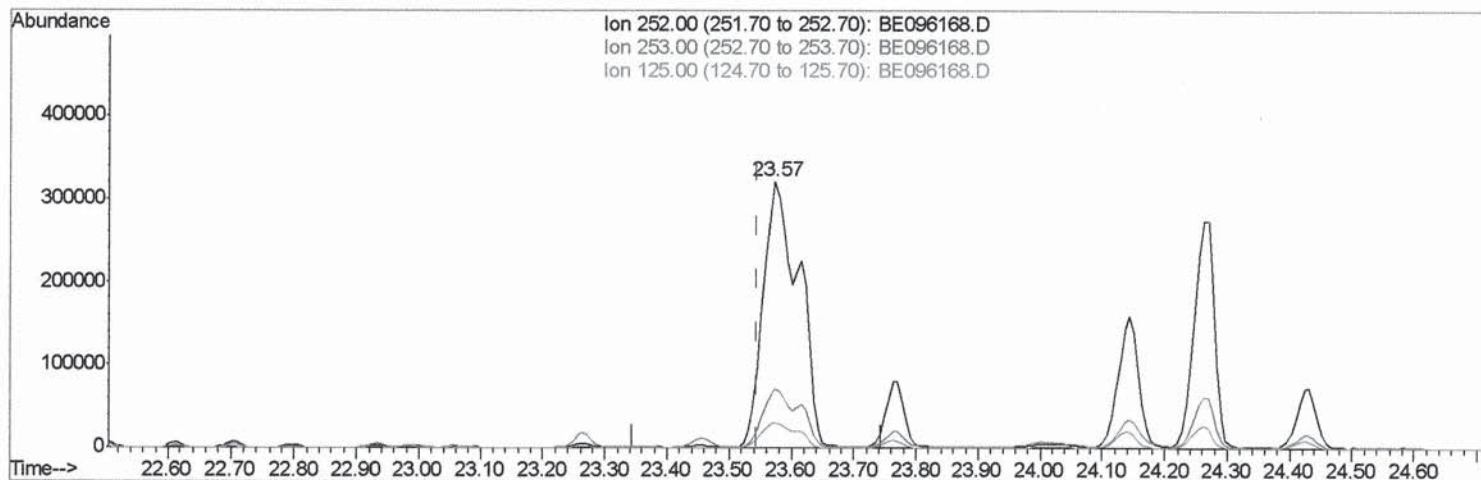
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096168.D
 Acq On : 26 Apr 2018 3:20
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:26 PM

Quant Time: Apr 26 06:54:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.572min (+0.027) 65.40ng/ul

response 1259903

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.50
125.00	17.50	9.47
0.00	0.00	0.00

Quantitation Report (Qedit)

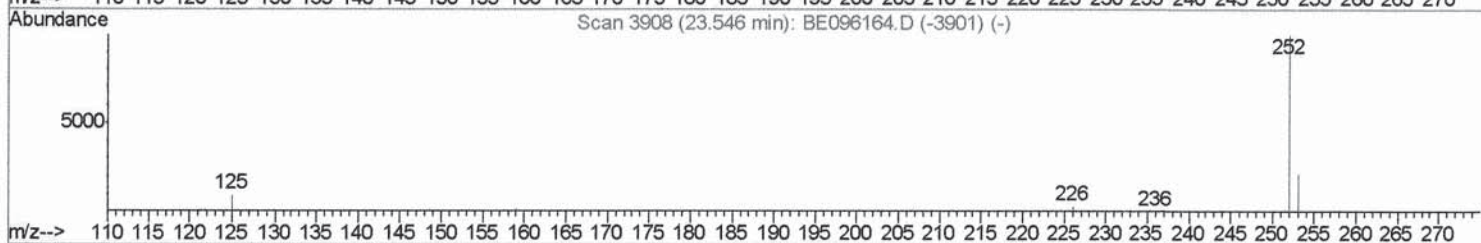
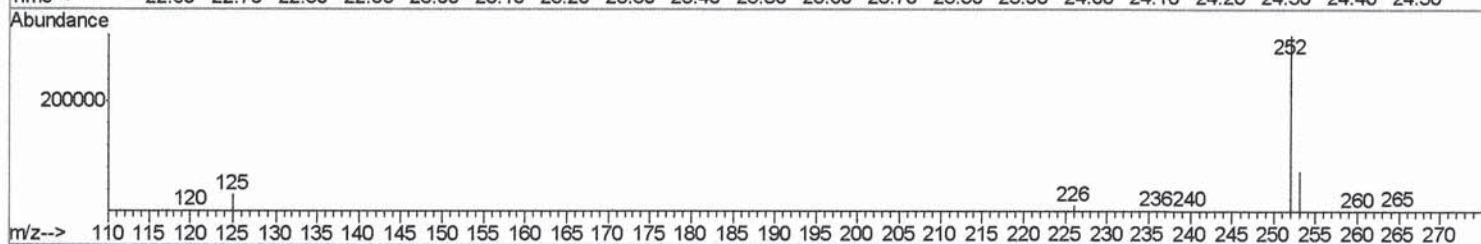
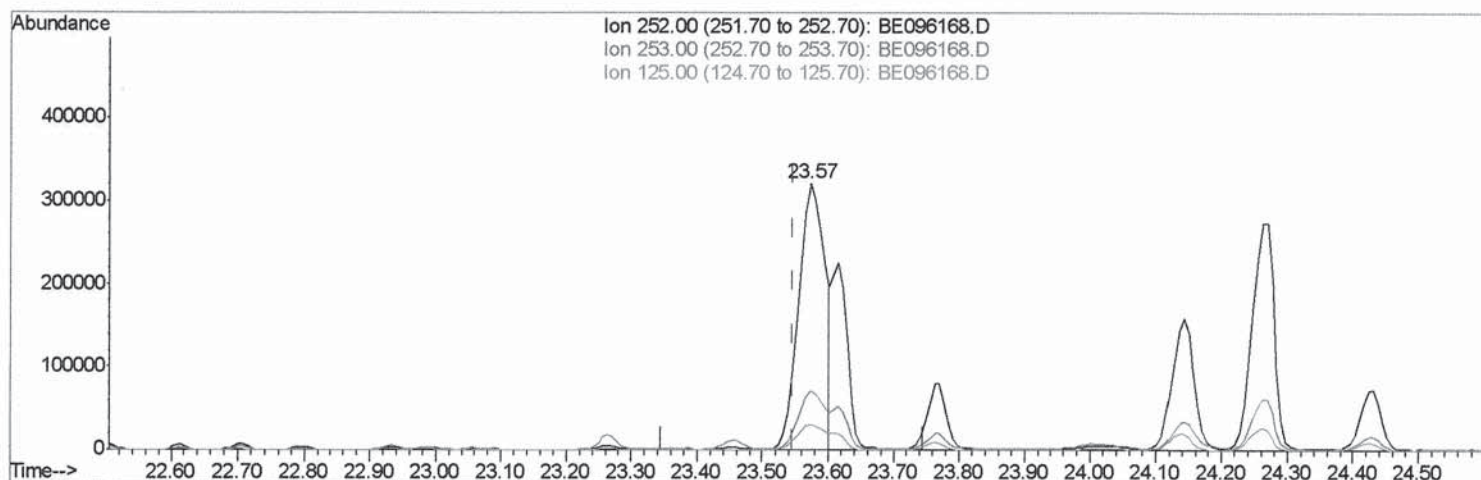
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096168.D
 Acq On : 26 Apr 2018 3:20
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:26 PM

Quant Time: Apr 26 06:54:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



TIC: BE096168.D

(21) Benzo(b)fluoranthene

23.572min (+0.027) 46.85ng/ul m) SJ 4/26/18

response 902596

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.50
125.00	17.50	9.47
0.00	0.00	0.00

Quantitation Report (Qedit)

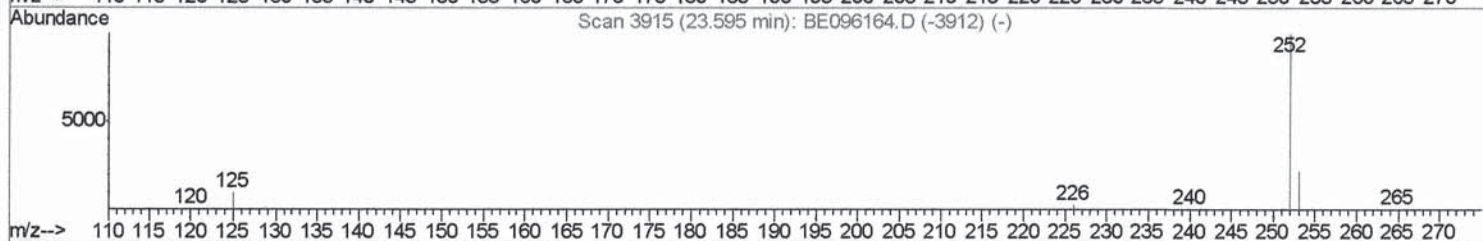
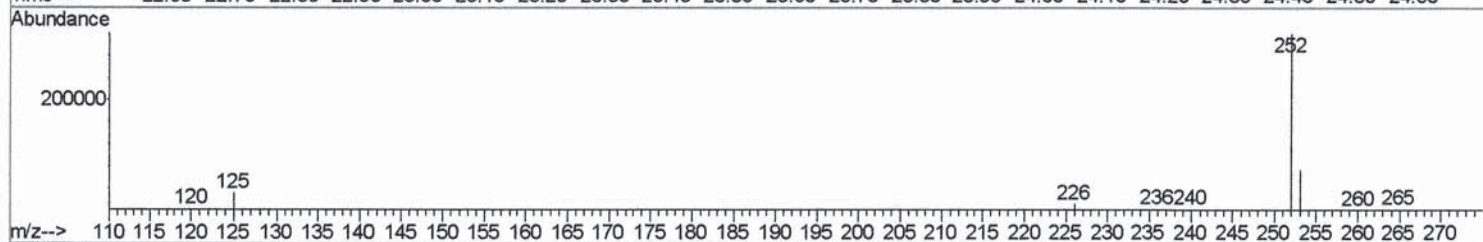
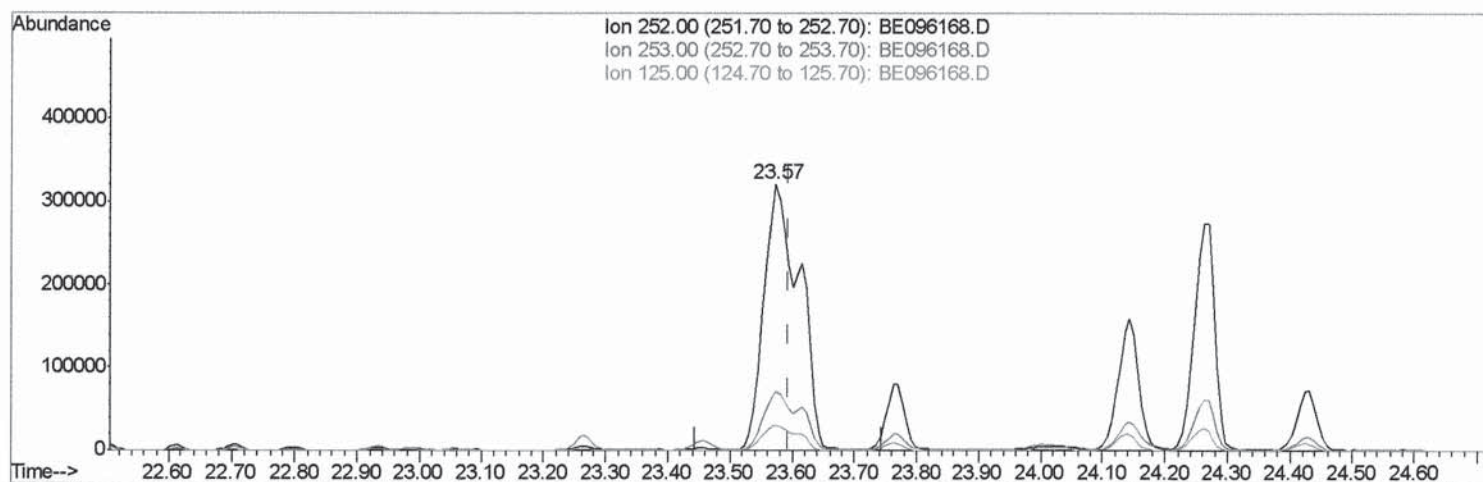
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096168.D
 Acq On : 26 Apr 2018 3:20
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASN9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:26 PM

Quant Time: Apr 26 06:54:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.572min (-0.022) 68.41ng/ul

response 1259903

Ion	Exp%	Act%
-----	------	------

252.00	100	100
--------	-----	-----

253.00	30.60	22.50#
--------	-------	--------

125.00	17.10	9.47#
--------	-------	-------

0.00	0.00	0.00
------	------	------

Quantitation Report (Qedit)

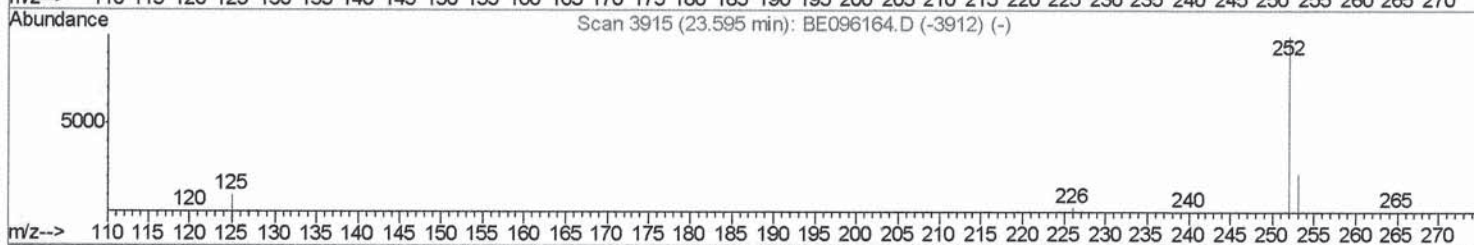
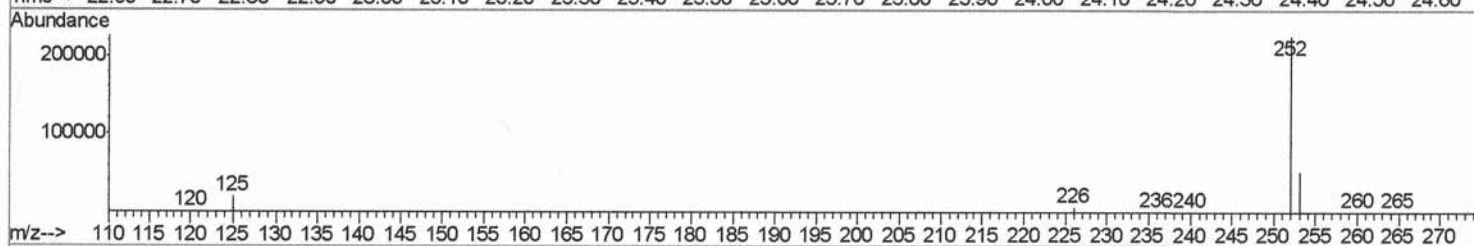
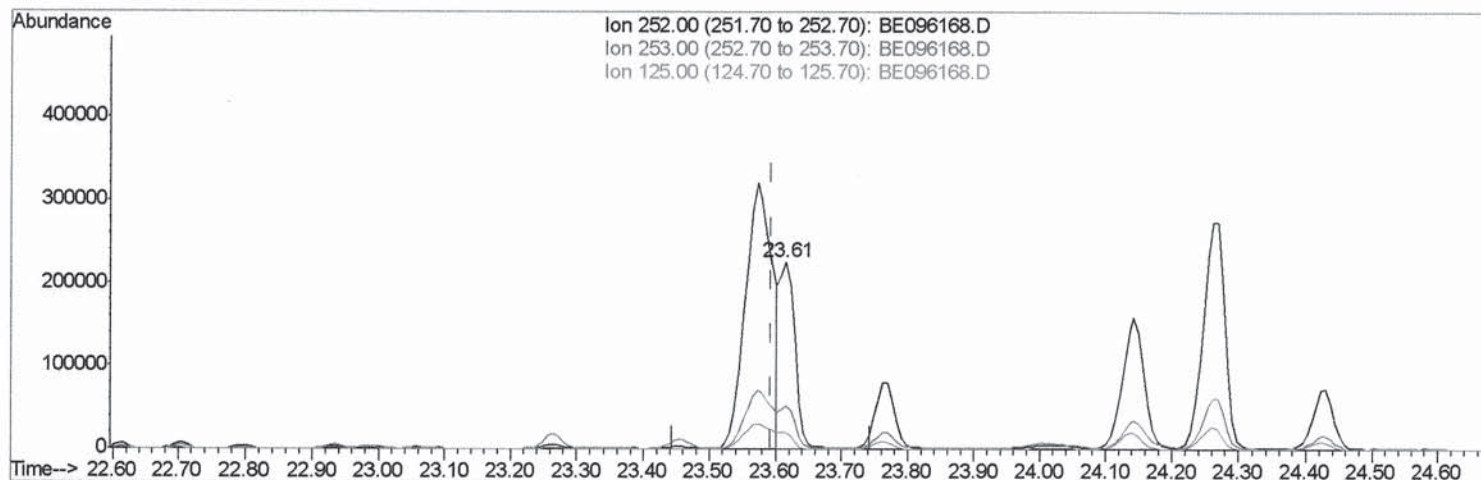
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096168.D
Acq On : 26 Apr 2018 3:20
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASN9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:26 PM

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Response via : Initial Calibration



TIC: BE096168.D

(22) Benzo(k)fluoranthene

23.615min (+0.020) 19.39ng/ui m² SJ 4/26/18

response 357081

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.17#
125.00	17.10	8.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

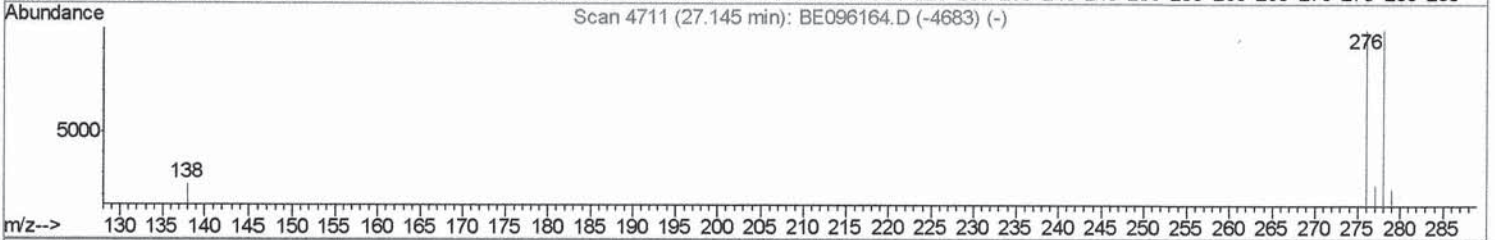
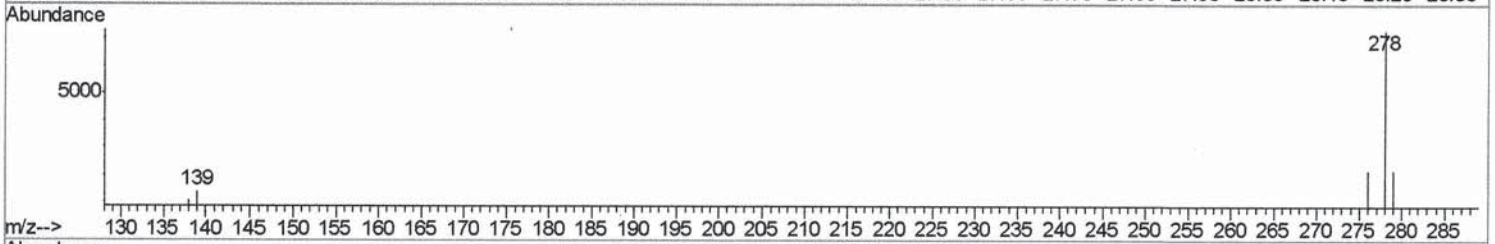
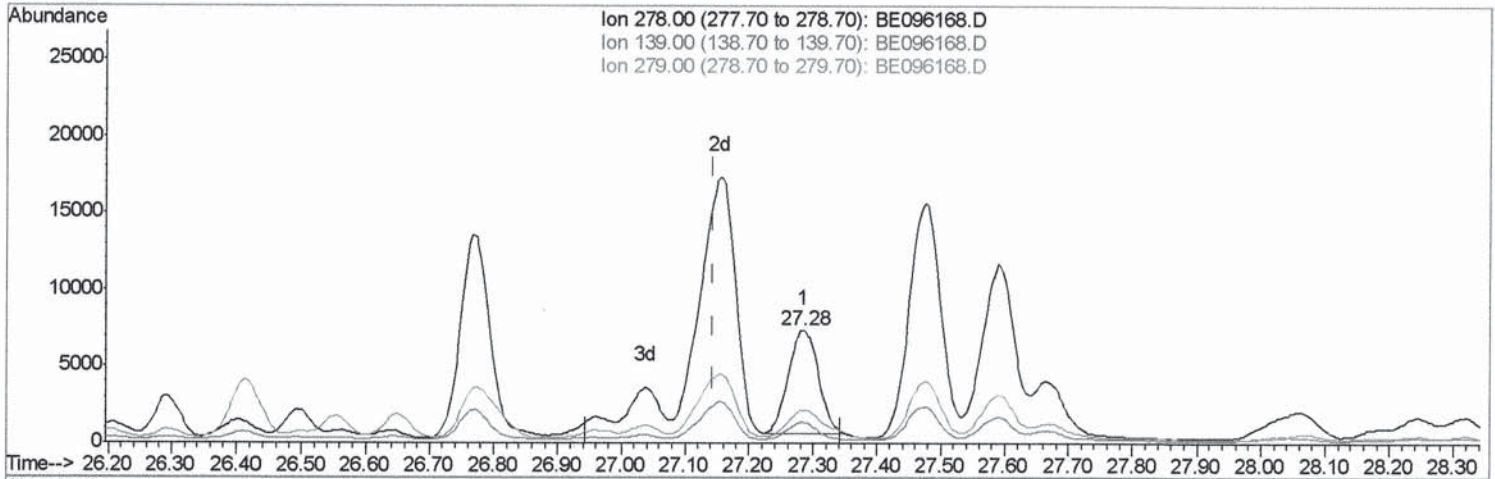
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096168.D
 Acq On : 26 Apr 2018 3:20
 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:26 PM

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(25) Dibenzo(a,h)anthracene

27.283min (+0.138) 1.15ng/ul

response 21754

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	19.10
279.00	32.40	29.54
0.00	0.00	0.00

Quantitation Report (Qedit)

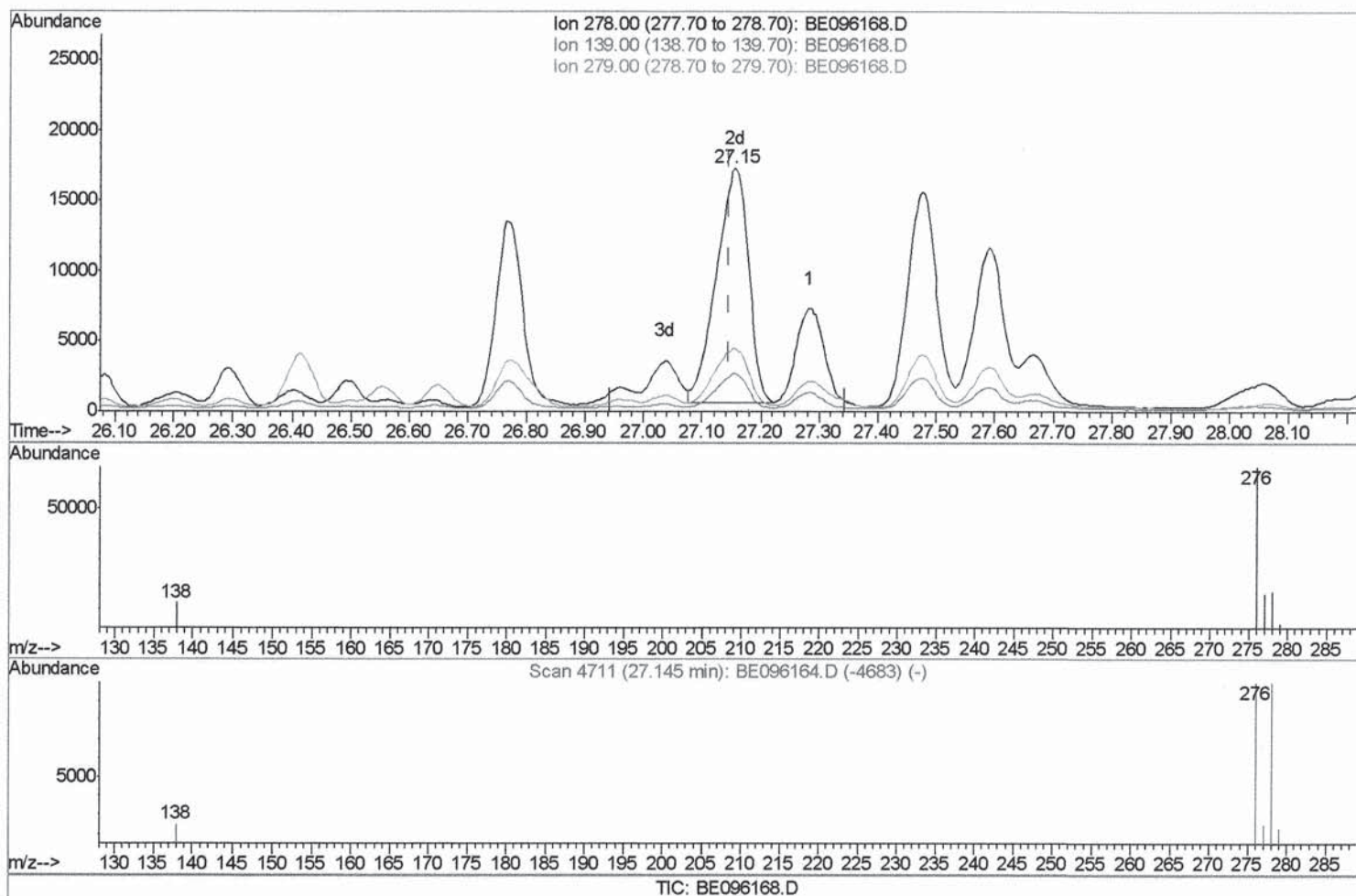
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
Data File : BE096168.D
Acq On : 26 Apr 2018 3:20
Operator : SJ/JU
Sample : J2431-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:26 PM

Quant Time: Apr 26 06:54:45 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

27.154min (+0.010) 3.37ng/ul m) SJ 4/24/18

response 63627

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	15.73#
279.00	32.40	26.32
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042518\
 Data File : BE096168.D
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 Operator : SJ/JU
 Sample : J2431-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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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	8.36	152	833	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3603	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2061	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	5150m	0.40	ng/ul	0.01
16) Chrysene-d12	21.77	240	6749	0.40	ng/ul	0.02
20) Perylene-d12	24.37	264	5088	0.40	ng/ul	0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1986	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	4301	0.18	ng/ul	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.23	128	23004	2.293	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	93397	13.895	ng/ul	100
7) Acenaphthylene	14.68	152	43707	4.114	ng/ul#	89
8) Acenaphthene	15.02	153	739095	96.481	ng/ul	92
9) Fluorene	16.00	166	2079821	205.193	ng/ul#	91
12) Phenanthrene	17.77	178	12363058	815.360	ng/ul#	87
13) Anthracene	17.82	178	2164892m	142.314	ng/ul	
15) Fluoranthene	19.71	202	8166105	352.340	ng/ul	84
17) Pyrene	20.06	202	5898984	435.685	ng/ul#	79
18) Benzo(a)anthracene	21.75	228	1700873	83.243	ng/ul#	85
19) Chrysene	21.81	228	1274461	67.878	ng/ul	96
21) Benzo(b)fluoranthene	23.57	252	902596m	46.850	ng/ul	
22) Benzo(k)fluoranthene	23.61	252	357081m	19.388	ng/ul	
23) Benzo(a)pyrene	24.27	252	624780	37.329	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	27.15	276	220323	9.770	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.15	278	63627m	3.370	ng/ul	
26) Benzo(a,h,i)perylene	28.02	276	160372	8.170	ng/ul#	91

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