

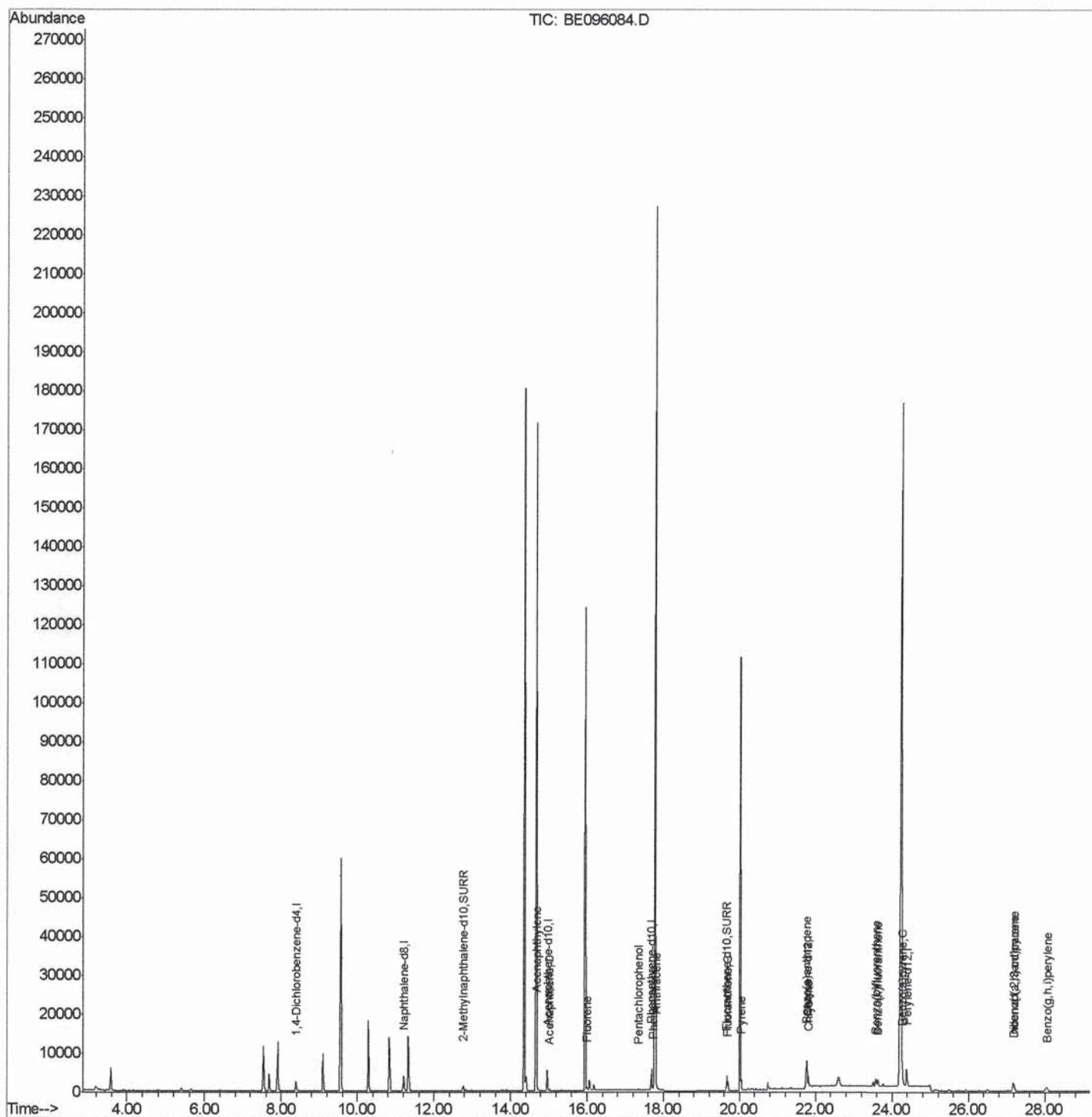
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:37:21 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

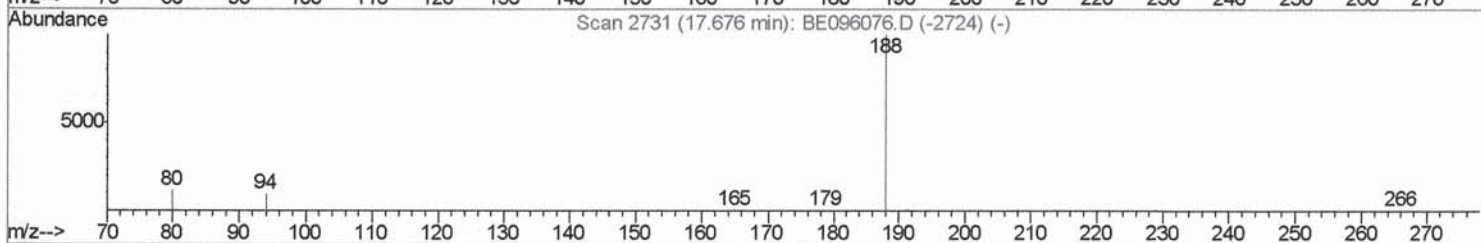
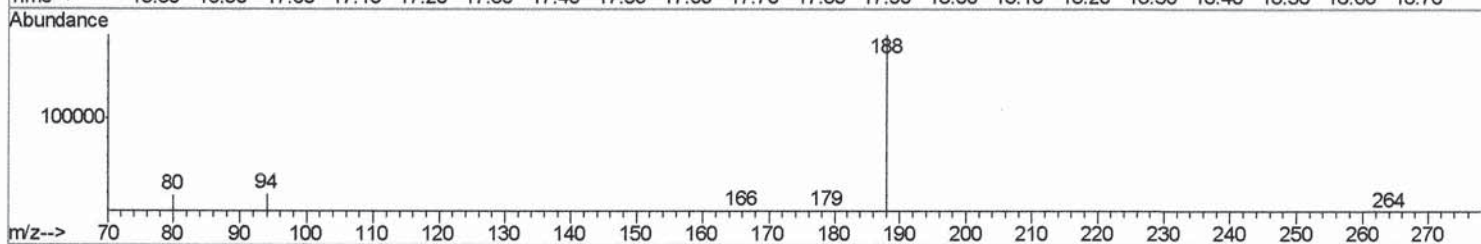
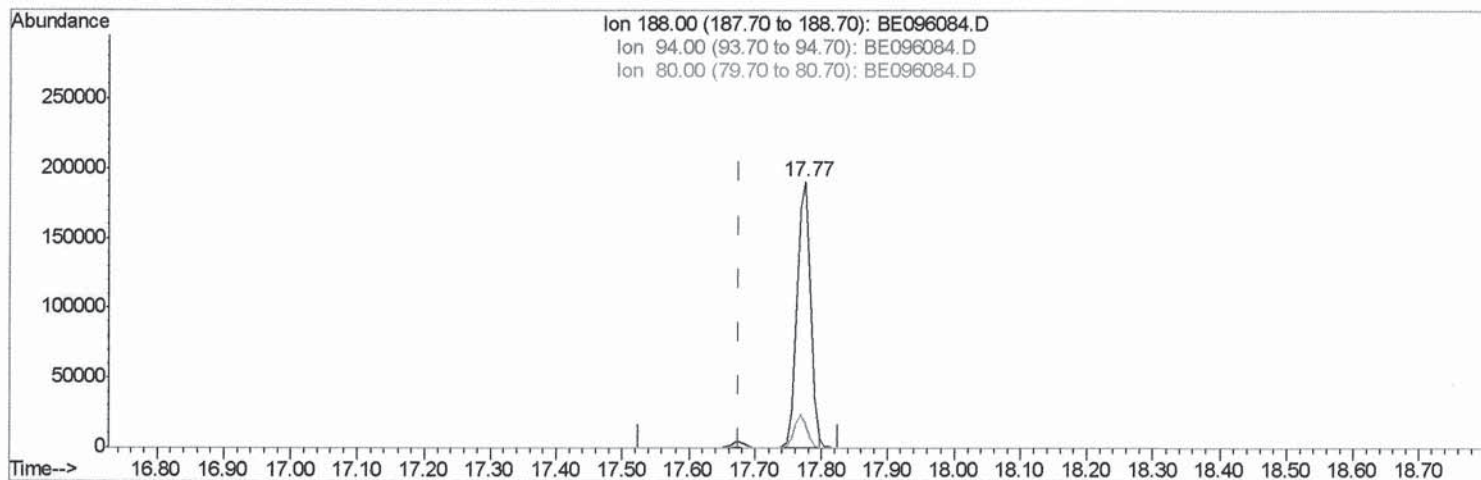
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 05:22:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
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TIC: BE096084.D

(10) Phenanthrene-d10 (I)

17.775min (+0.099) 0.40ng/ul

response 268223

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.79
80.00	11.80	9.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

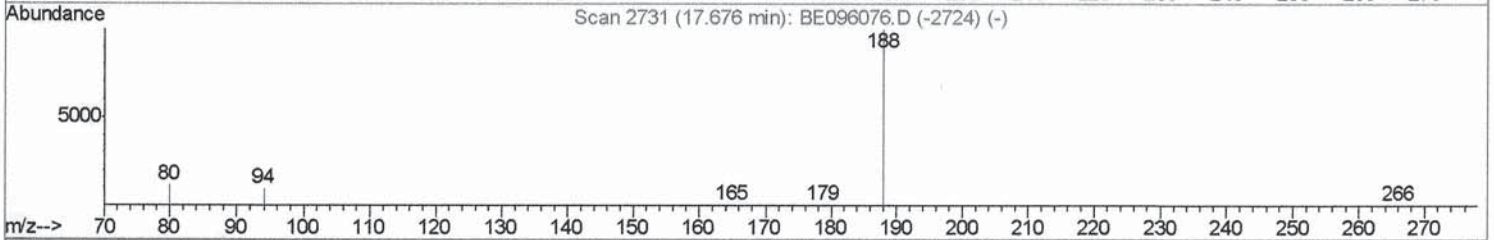
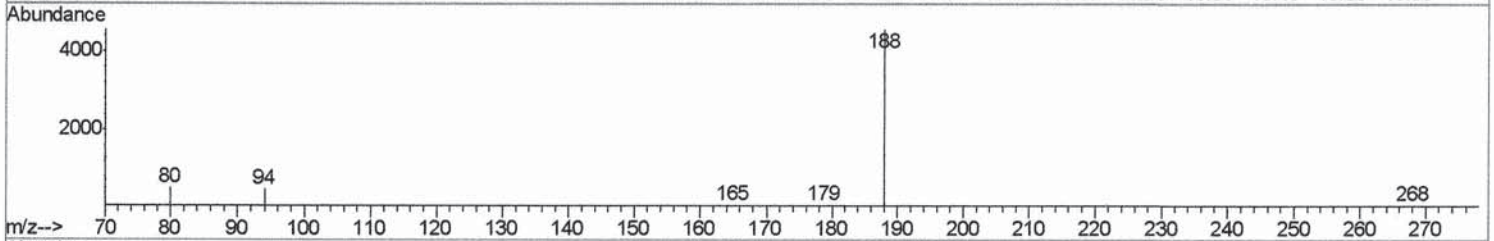
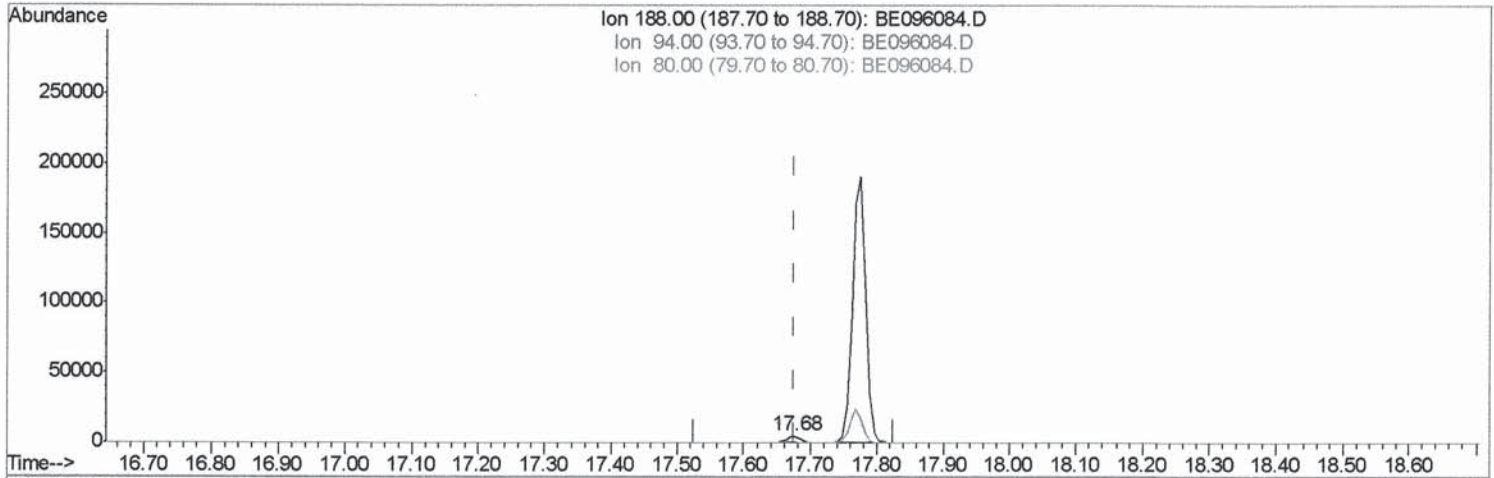
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 05:22:53 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096084.D

(10) Phenanthrene-d10 (I)

17.676min (+0.000) 0.40ng/ul m > SJ 4/24/18

response 6501

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	10.42
80.00	11.80	11.10
0.00	0.00	0.00

Quantitation Report (Qedit)

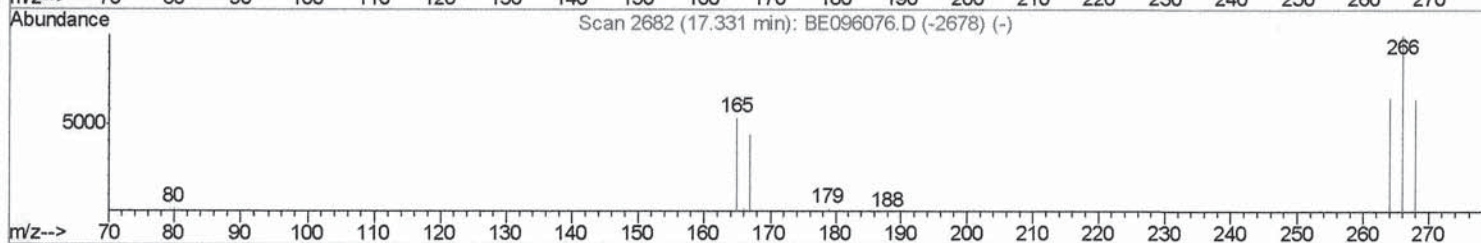
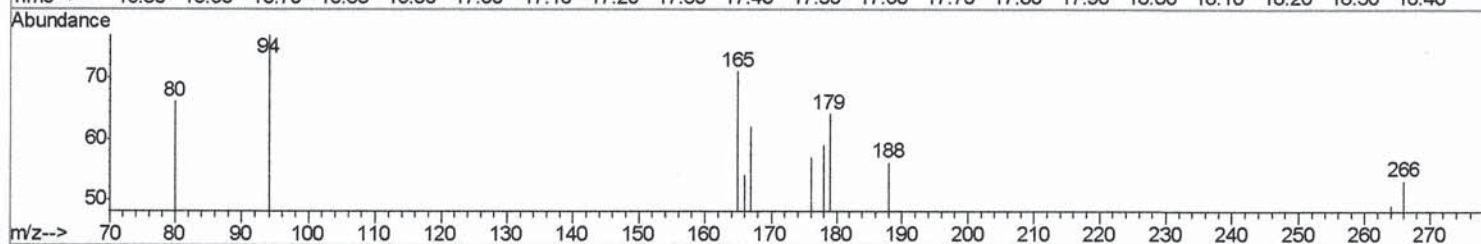
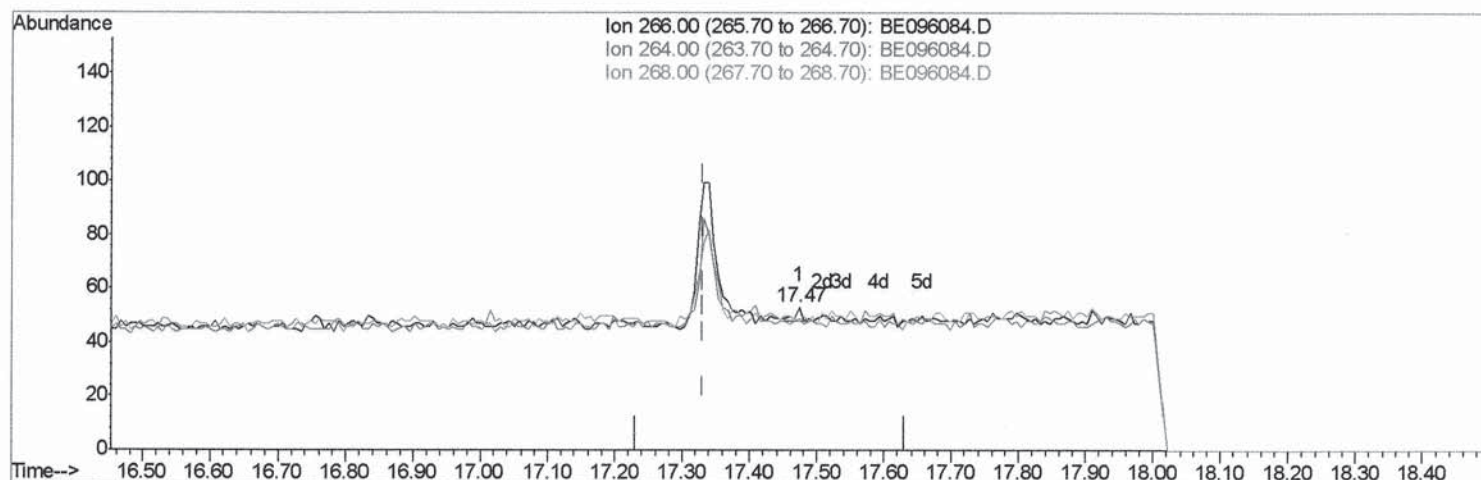
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096084.D

(11) Pentachlorophenol

17.472min (+0.141) 0.00ng/ui

response 4

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	125.00#
268.00	62.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

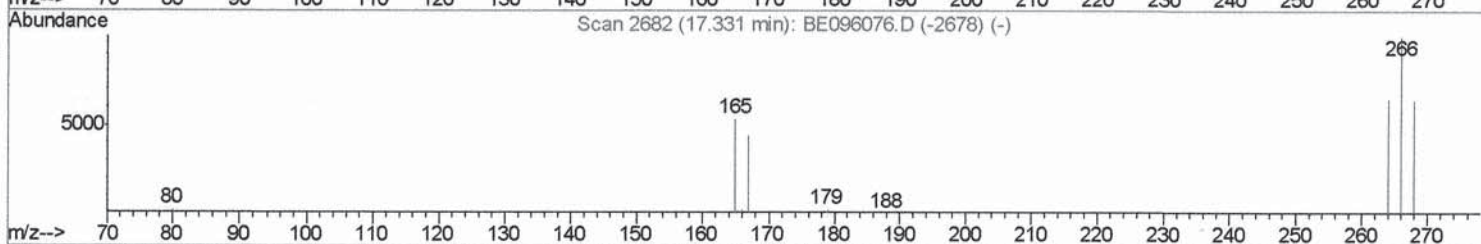
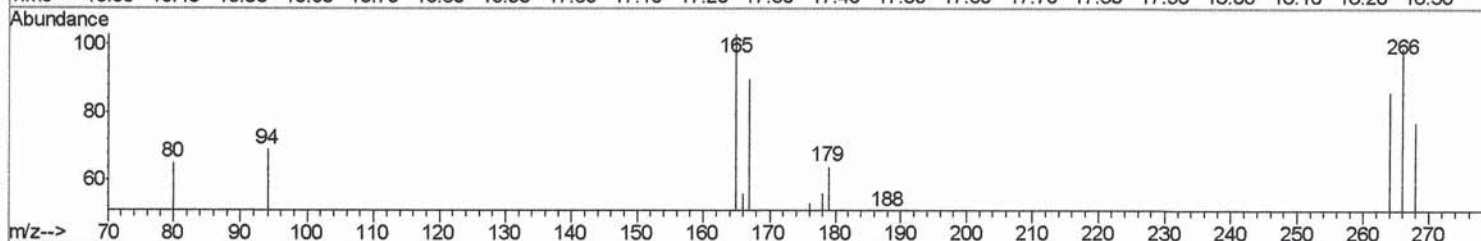
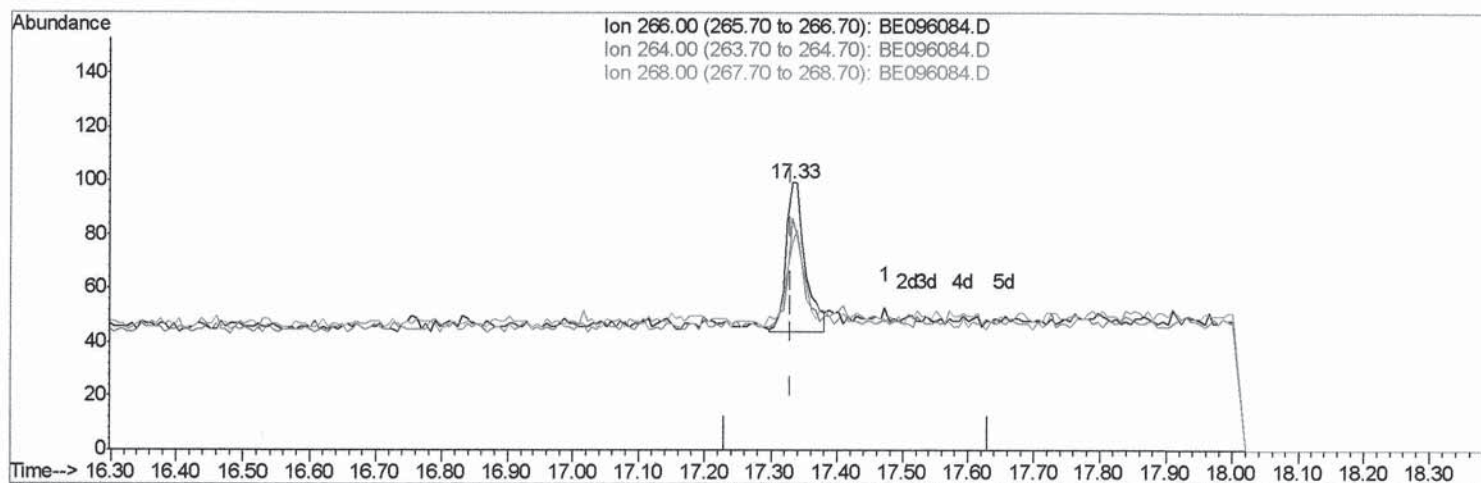
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



TIC: BE096084.D

(11) Pentachlorophenol

17.332min (+0.000) 0.08ng/ul m> SJ 4/24/18

response 112

Ion	Exp%	Act%
266.00	100	100
264.00	59.90	4.46#
268.00	62.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

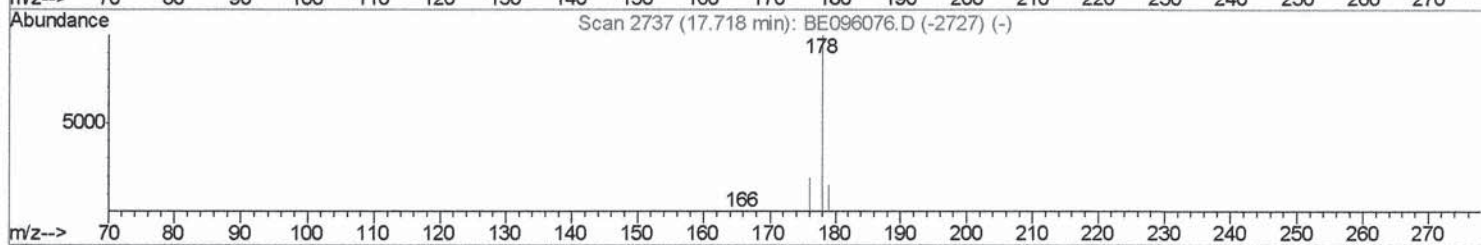
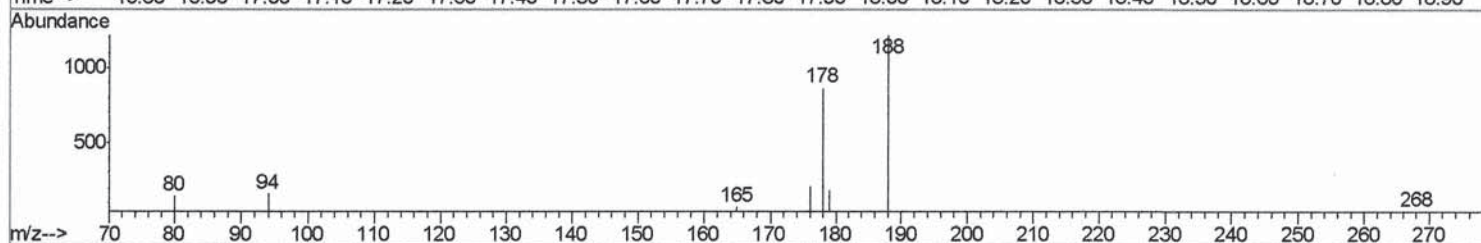
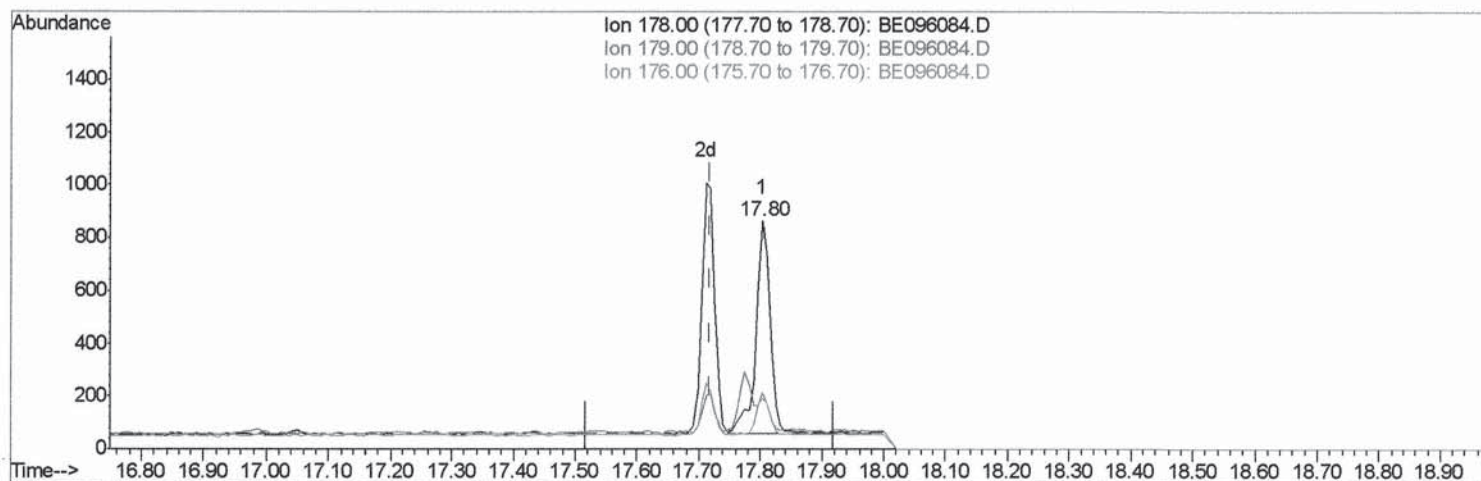
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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TIC: BE096084.D

(12) Phenanthrene

17.803min (+0.085) 0.07ng/ul

response 1290

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.45
176.00	17.00	24.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

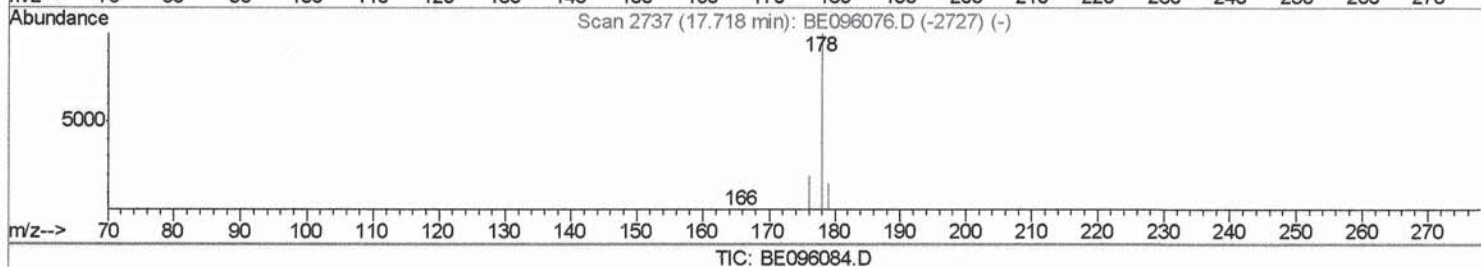
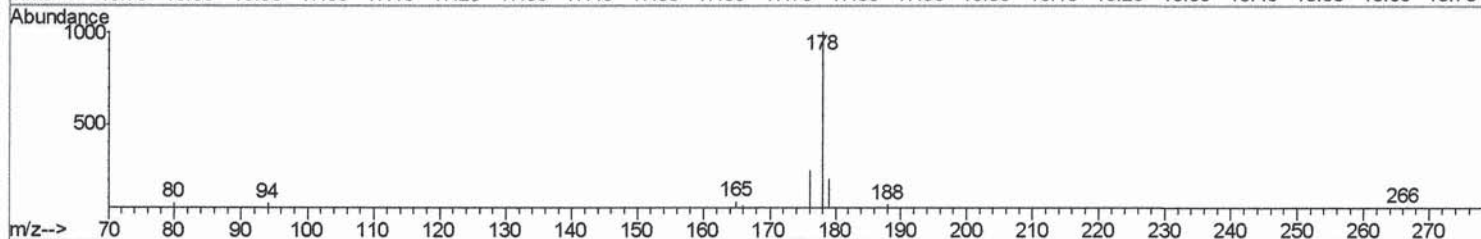
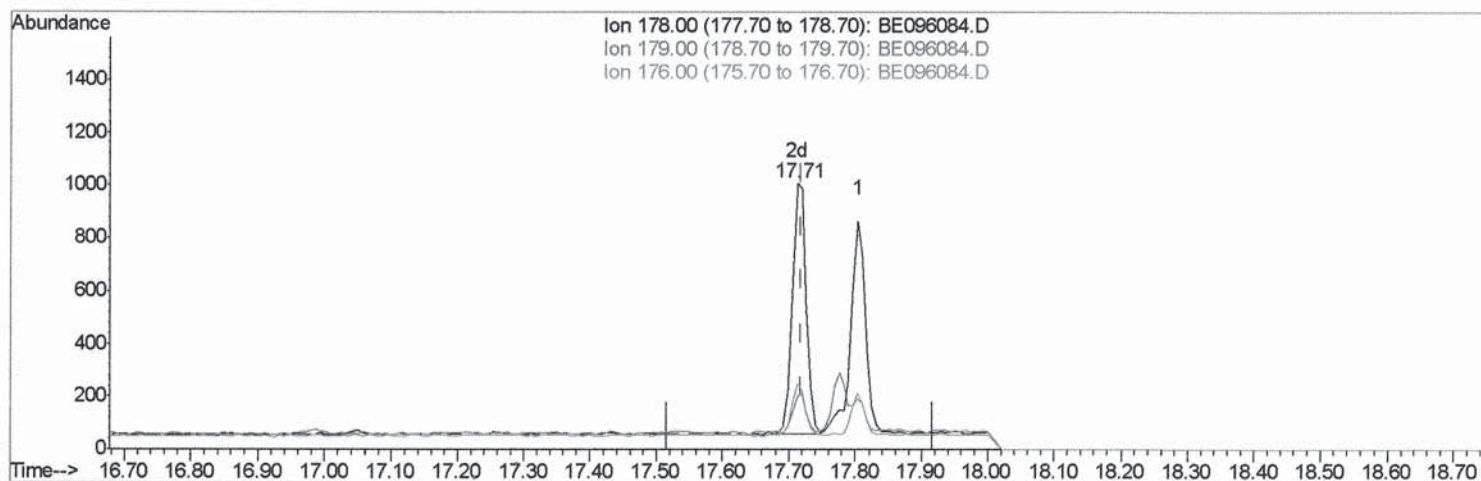
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.712min (-0.007) 0.07ng/ul m

SJ 4/24/18

response 1396

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	20.08
176.00	17.00	25.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

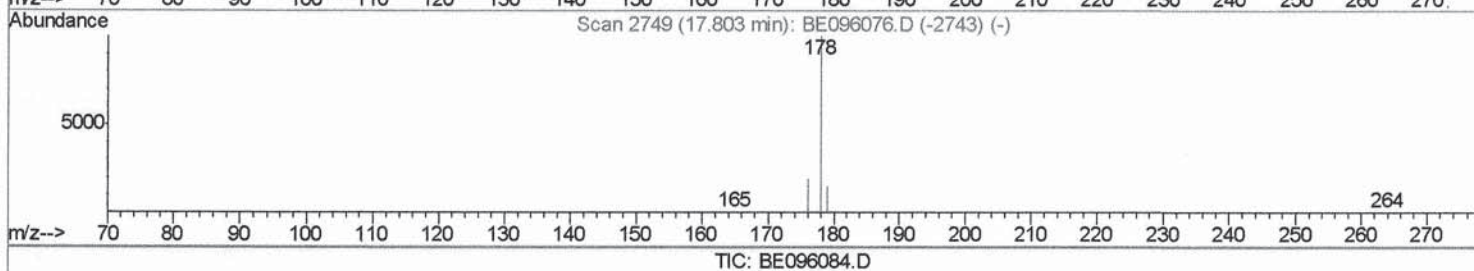
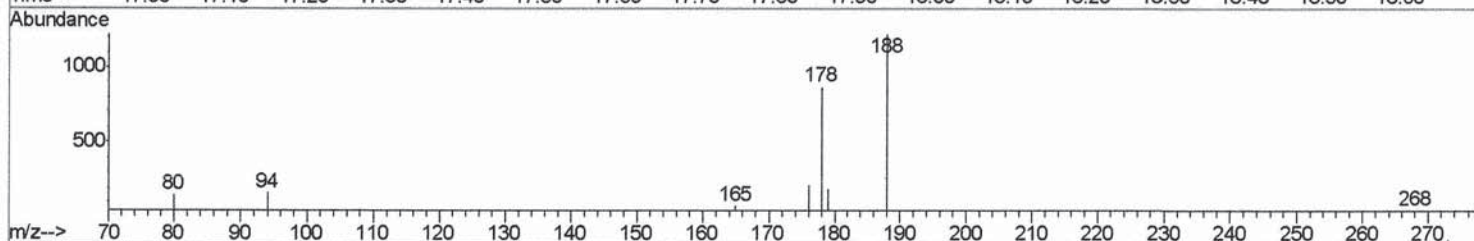
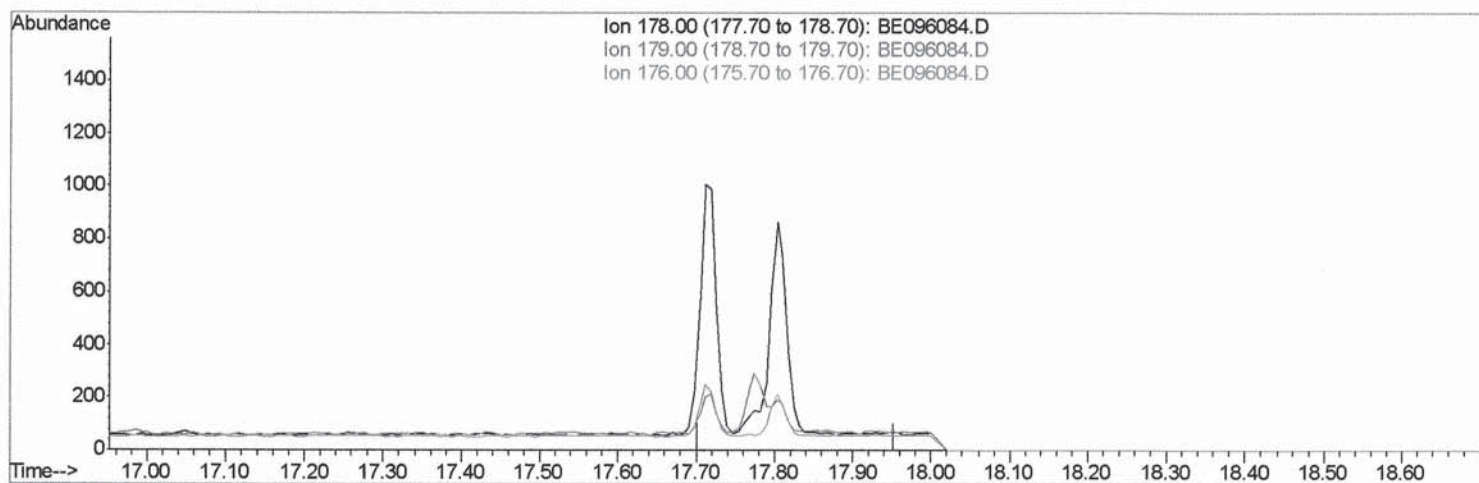
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



(13) Anthracene

17.803min (-17.803) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

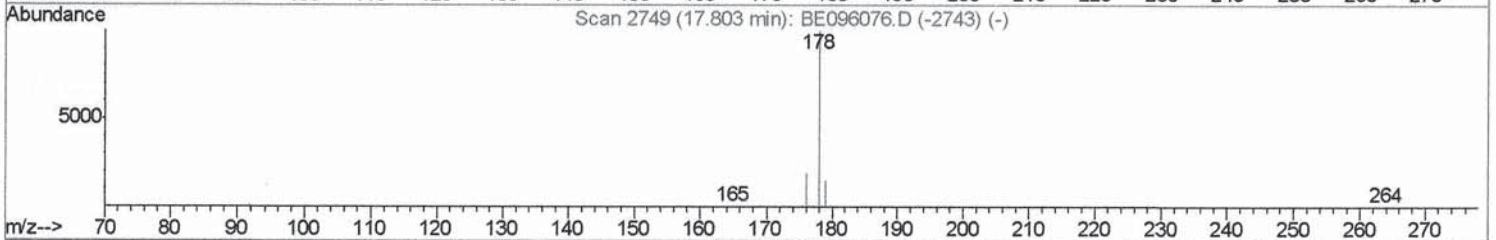
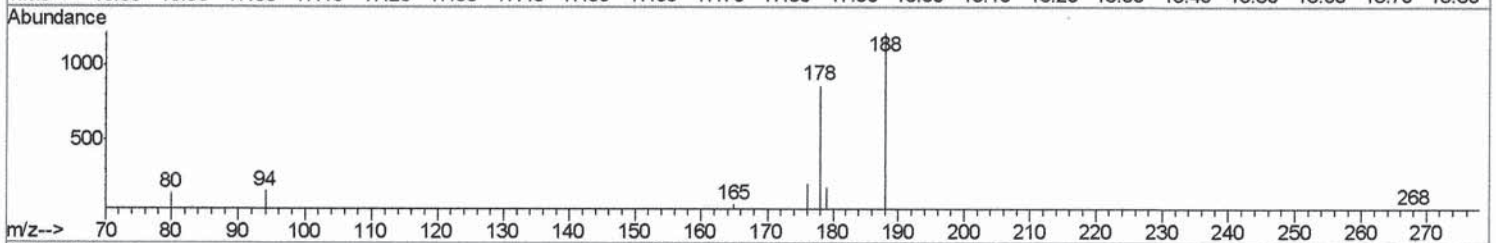
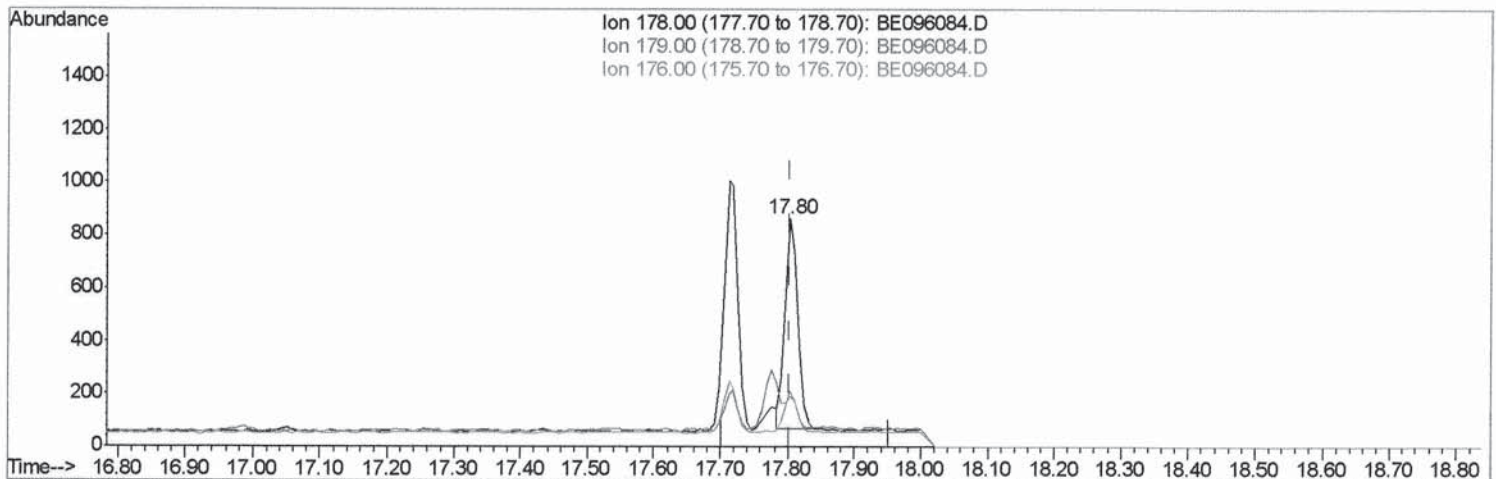
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BE096084.D

(13) Anthracene

17.803min (+0.000) 0.06ng/ul m > SJ 4/24/18

response 1099

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	22.45
176.00	18.40	24.88#
0.00	0.00	0.00

Quantitation Report (Qedit)

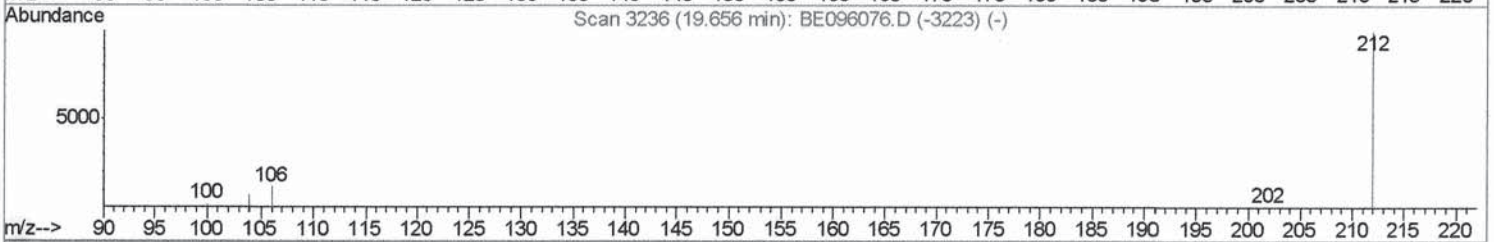
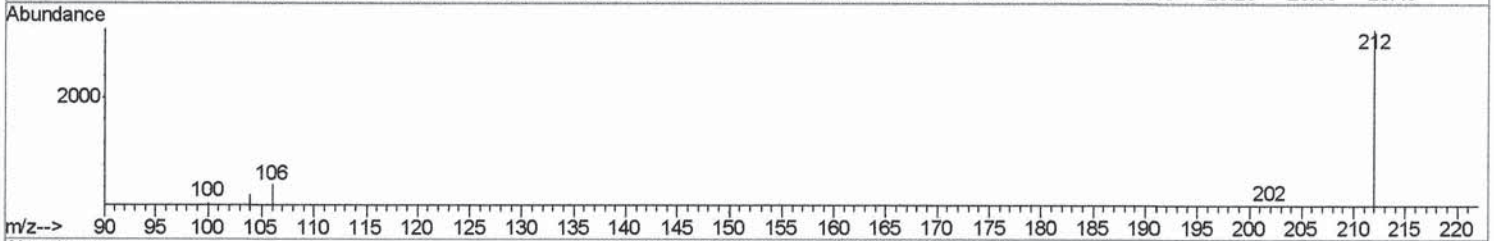
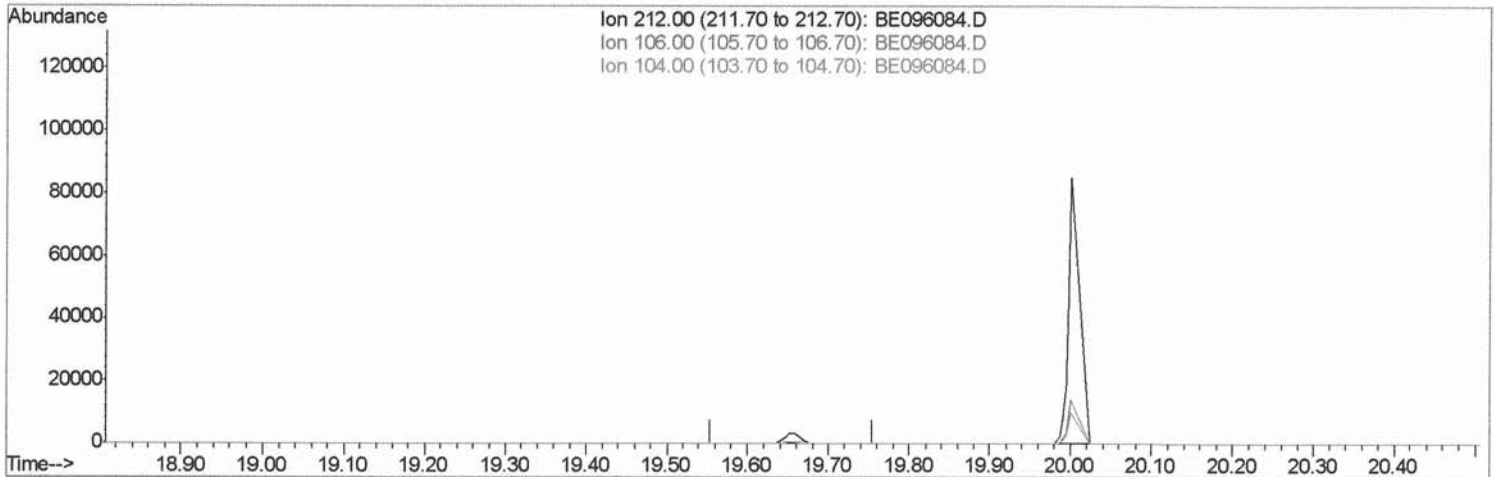
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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(14) Fluoranthene-d10 (SURR)

19.656min (-19.656) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

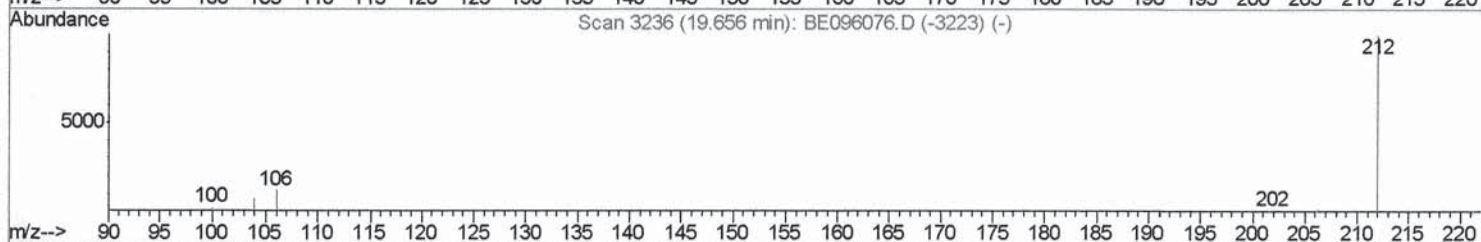
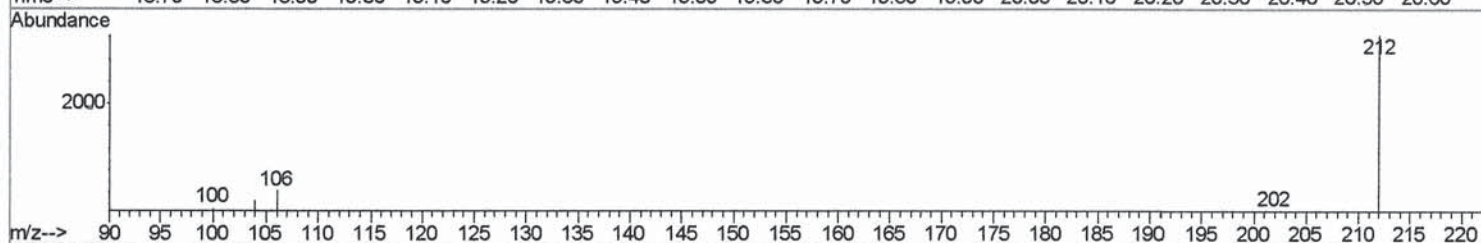
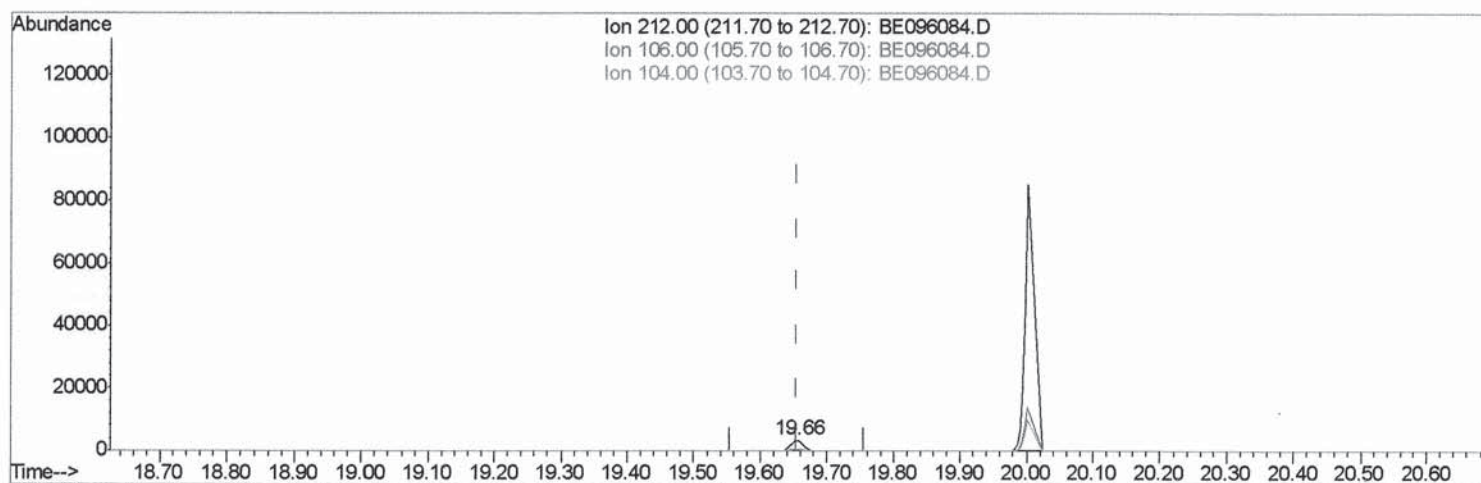
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



TIC: BE096084.D

(14) Fluoranthene-d10 (SURR)

19.655min (-0.001) 0.16ng/ul m > SJ 4/27/18

response 4208

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

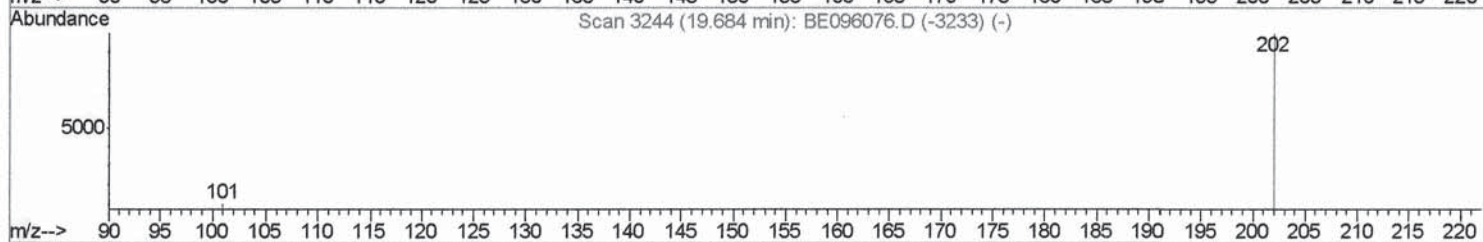
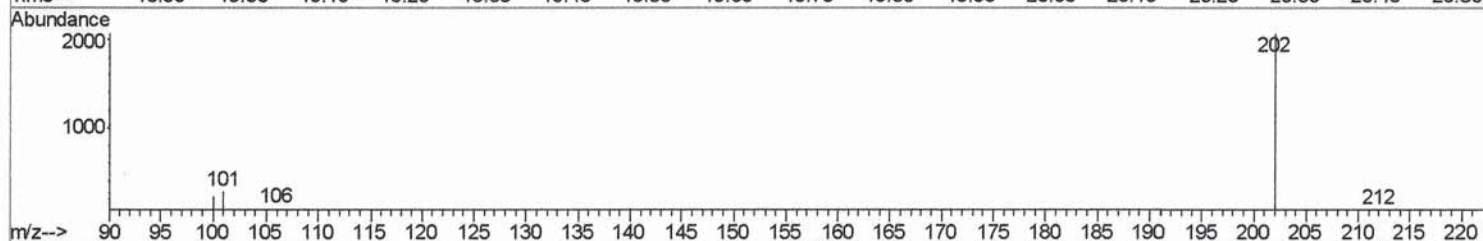
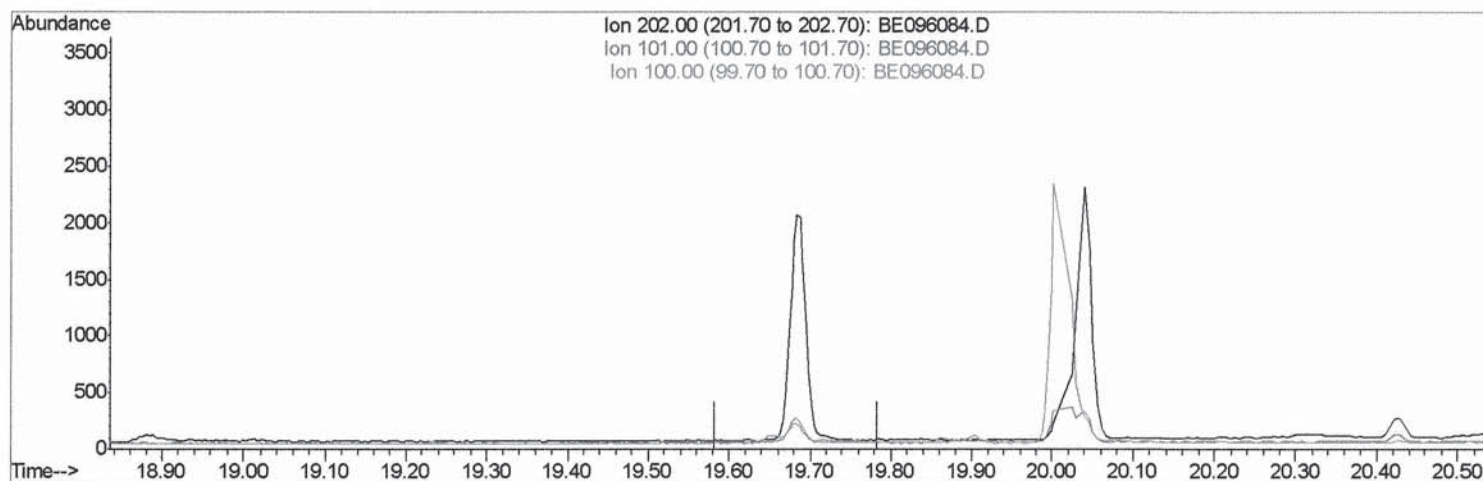
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
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Response via : Initial Calibration



TIC: BE096084.D

(15) Fluoranthene (C)

19.684min (-19.684) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
100.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

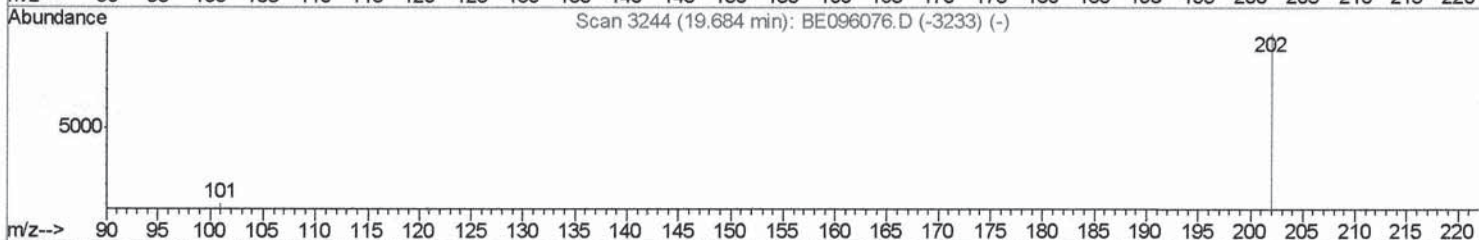
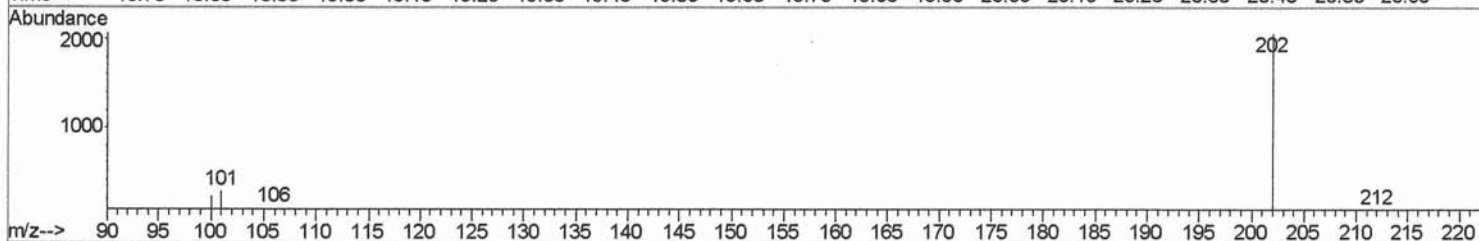
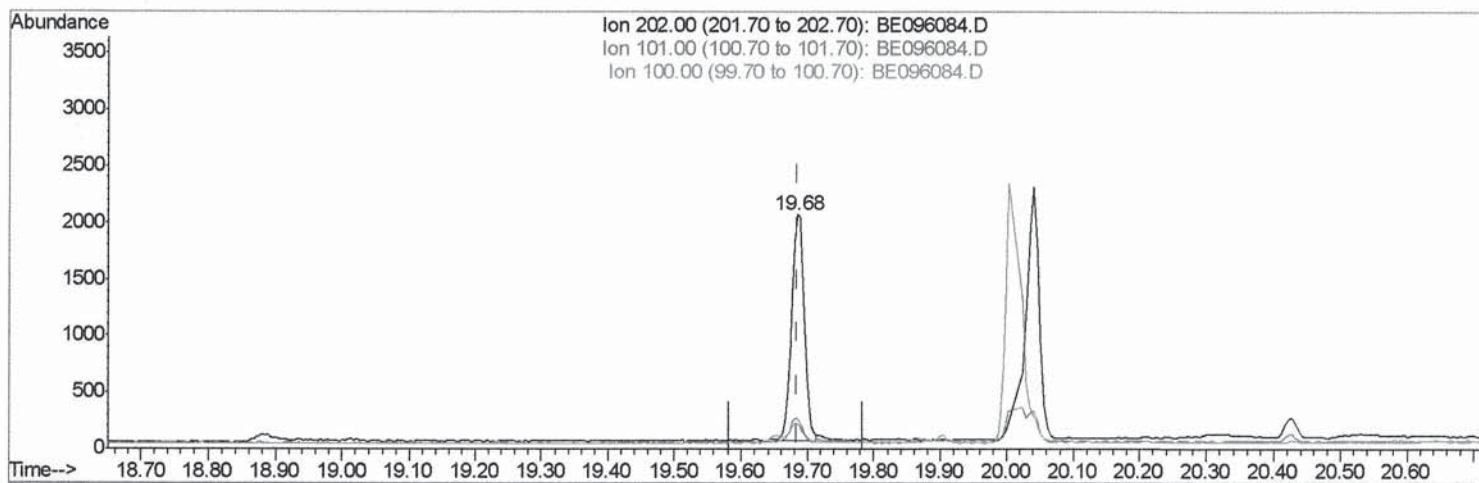
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



TIC: BE096084.D

(15) Fluoranthene (C)

19.684min (-0.001) 0.10ng/ul m> SJ 4/22/18

response 2646

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	13.63
100.00	19.50	10.68
0.00	0.00	0.00

Quantitation Report (Qedit)

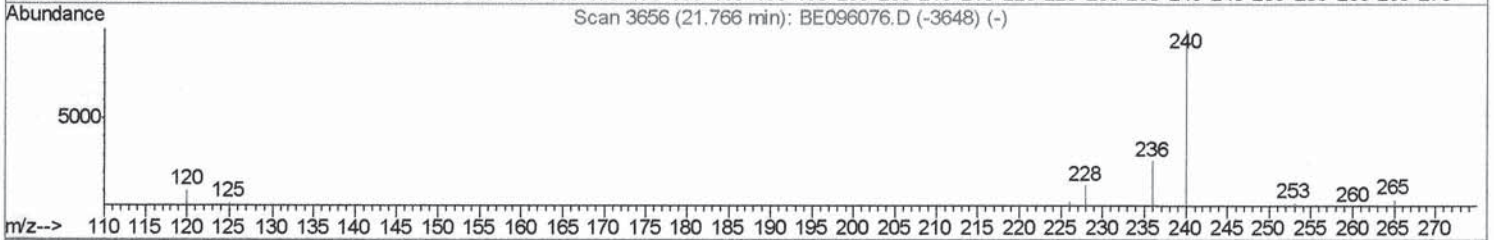
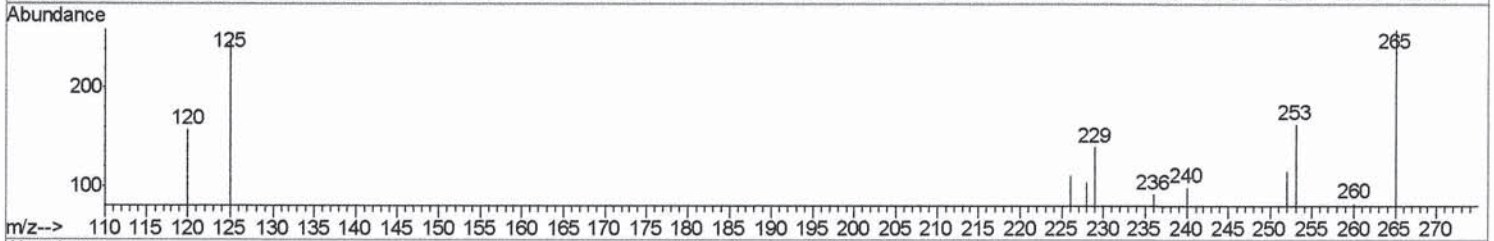
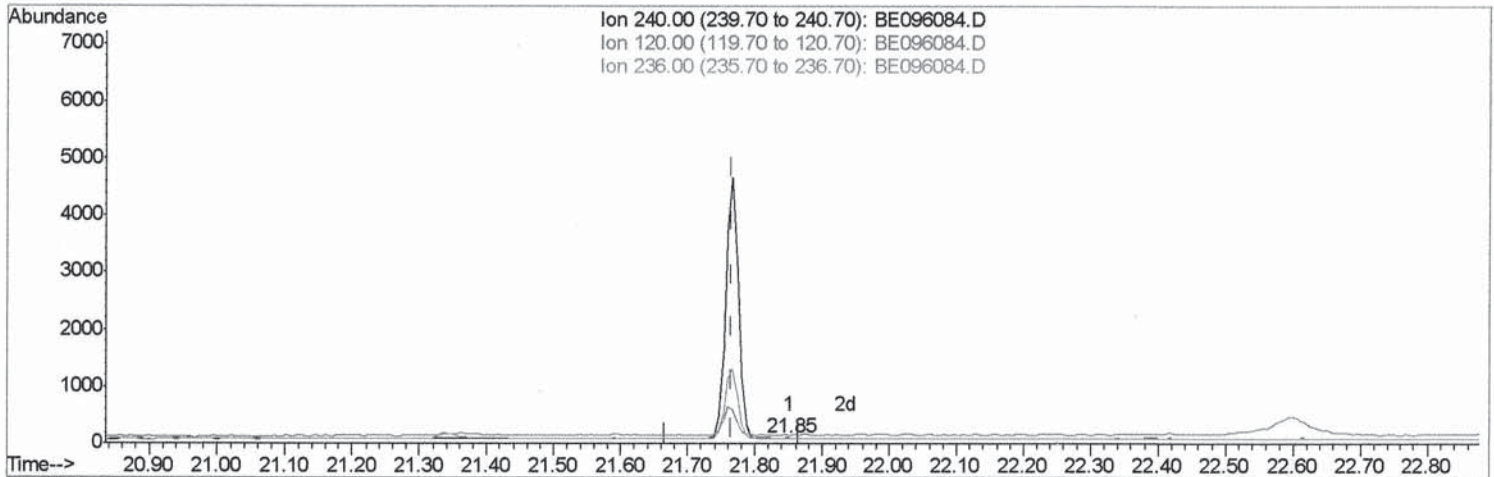
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
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TIC: BE096084.D

(16) Chrysene-d12 (I)

21.851min (+0.085) 0.40ng/ul

response 16

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	158.59#
236.00	34.90	92.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

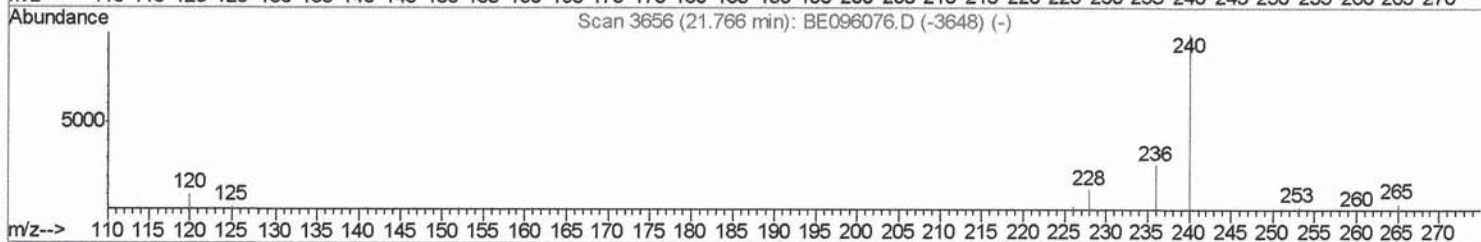
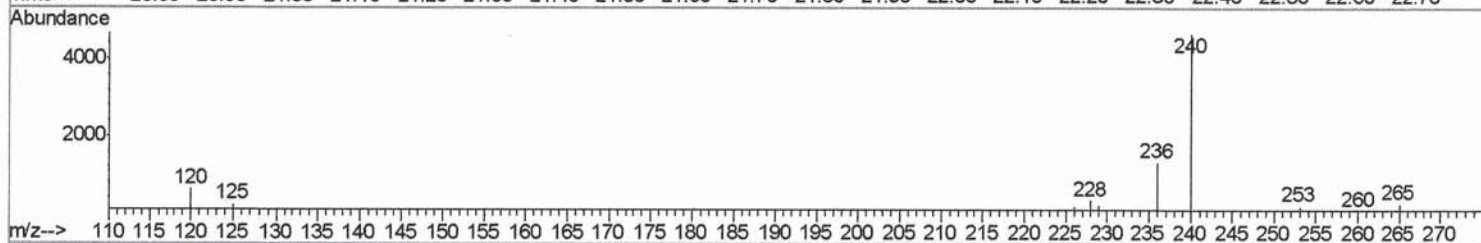
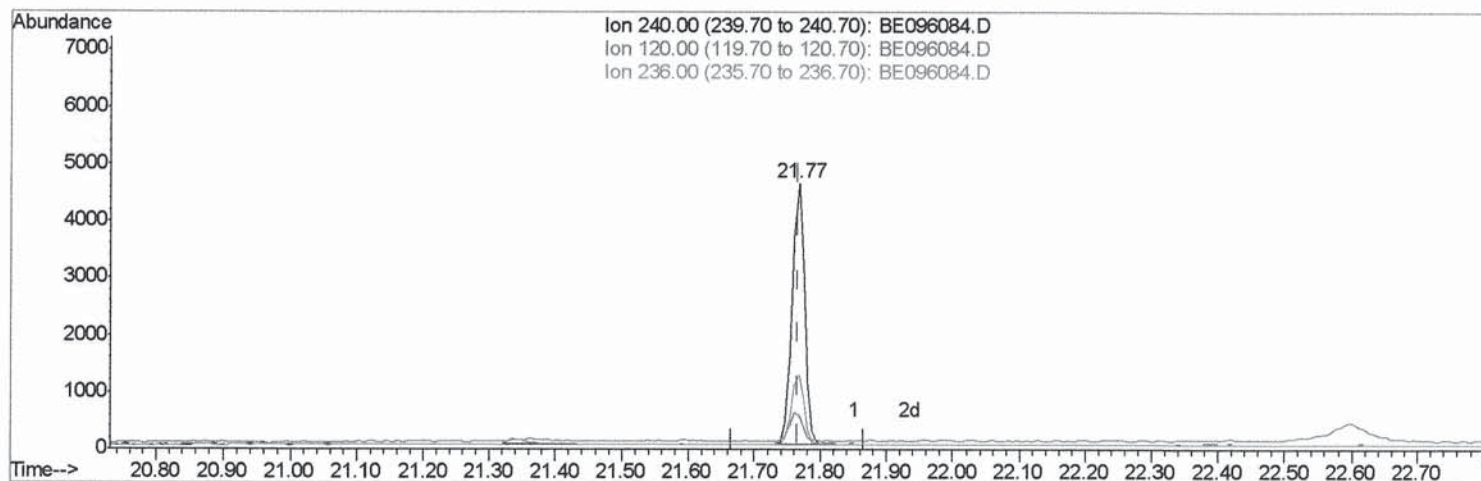
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:24:56 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



TIC: BE096084.D

(16) Chrysene-d12 (I)

21.767min (+0.001) 0.40ng/ul m > SJ 4/24/18

response 6119

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	12.90#
236.00	34.90	28.20
0.00	0.00	0.00

Quantitation Report (Qedit)

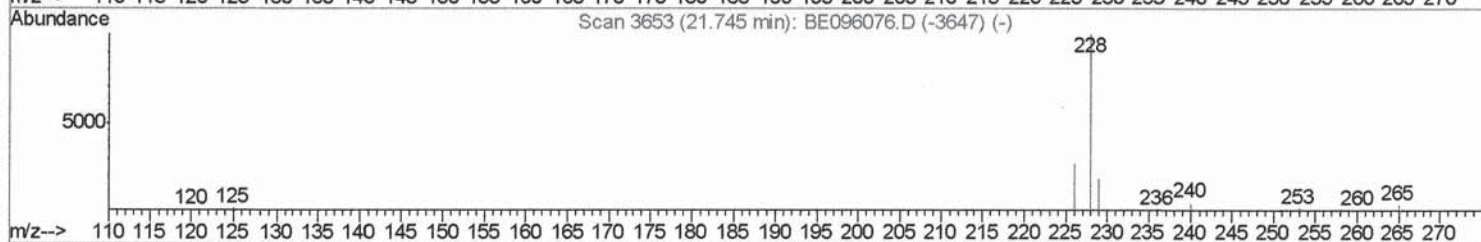
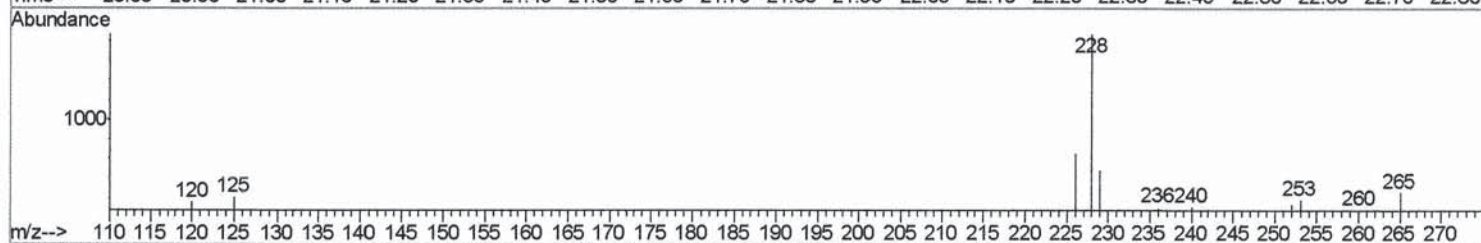
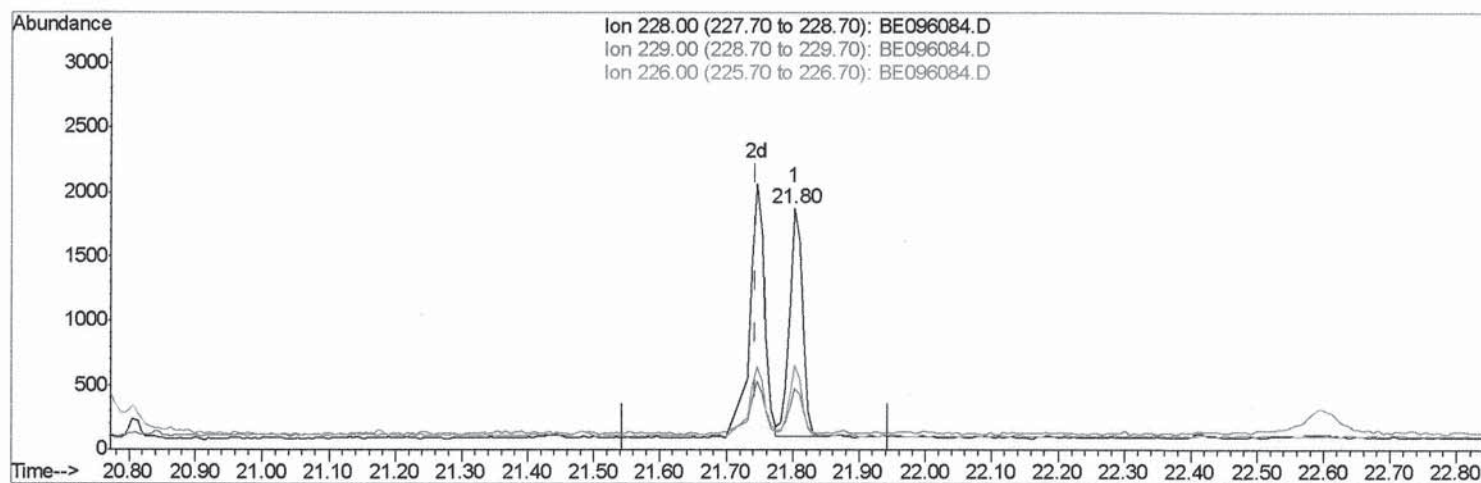
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
Data File : BE096084.D
Acq On : 23 Apr 2018 14:35
Operator : SJ/JU
Sample : J2355-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y26

Manual Integrations
APPROVED

Sohil
4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:36:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 24 05:21:12 2018
Response via : Initial Calibration



TIC: BE096084.D

(18) Benzo(a)anthracene

21.802min (+0.057) 0.10ng/ul

response 2416

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	25.55
226.00	21.30	35.01#
0.00	0.00	0.00

Quantitation Report (Qedit)

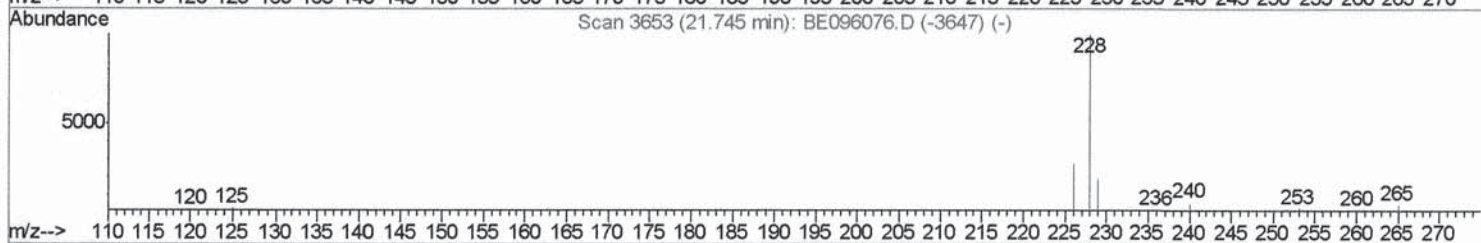
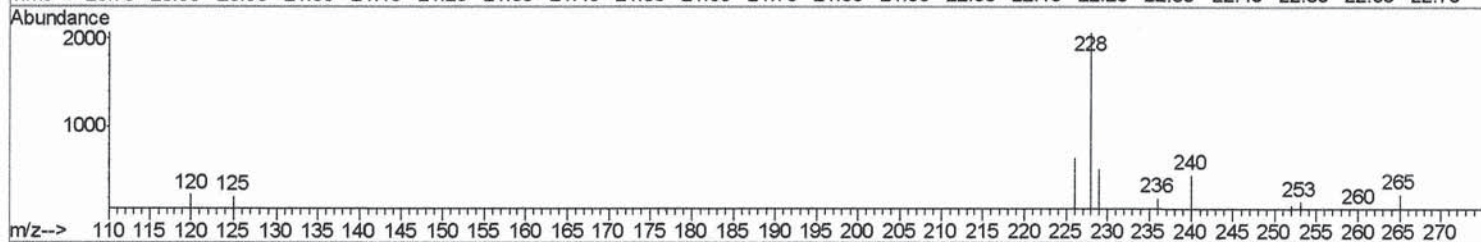
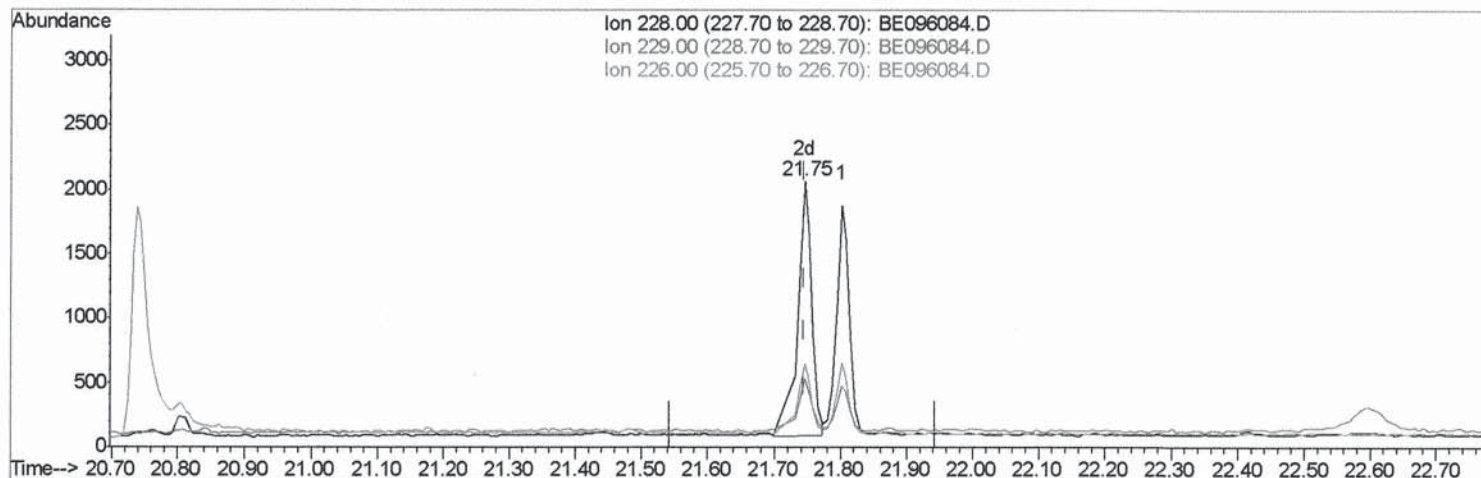
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:36:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration



TIC: BE096084.D

(18) Benzo(a)anthracene

21.745min (+0.001) 0.17ng/ul m) SJ 4/24/18

response 4131

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	25.70
226.00	21.30	31.52#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042318\
 Data File : BE096084.D
 Acq On : 23 Apr 2018 14:35
 Operator : SJ/JU
 Sample : J2355-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Y26

Manual Integrations
 APPROVED

Sohil
 4/24/2018 7:09:53 PM

Quant Time: Apr 24 06:37:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 24 05:21:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1867	0.40	ng/ul	0.00
2) Naphthalene-d8	11.20	136	5058	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.97	164	2914	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	6501m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	6119m	0.40	ng/ul	0.00
20) Perylene-d12	24.38	264	6850	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.76	152	1456	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	4208m	0.16	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
7) Acenaphthylene	14.70	152	313	0.021	ng/ul#	65
8) Acenaphthene	15.02	153	228	0.021	ng/ul#	85
9) Fluorene	15.99	166	408	0.033	ng/ul#	89
11) Pentachlorophenol	17.33	266	112m	0.081	ng/ul	
12) Phenanthrene	17.71	178	1396m	0.073	ng/ul	
13) Anthracene	17.80	178	1099m	0.058	ng/ul	
15) Fluoranthene	19.68	202	2646m	0.101	ng/ul	
17) Pyrene	20.04	202	3187	0.153	ng/ul#	84
18) Benzo(a)anthracene	21.75	228	4131m	0.167	ng/ul	
19) Chrysene	21.80	228	2422	0.136	ng/ul	91
21) Benzo(b)fluoranthene	23.57	252	2748	0.124	ng/ul	97
22) Benzo(k)fluoranthene	23.62	252	2385	0.108	ng/ul#	92
23) Benzo(a)pyrene	24.26	252	2632	0.123	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	27.17	276	2823	0.119	ng/ul#	77
25) Dibenzo(a,h)anthracene	27.18	278	2148	0.112	ng/ul#	93
26) Benzo(a,h,i)perylene	28.04	276	2336	0.118	ng/ul#	91

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