

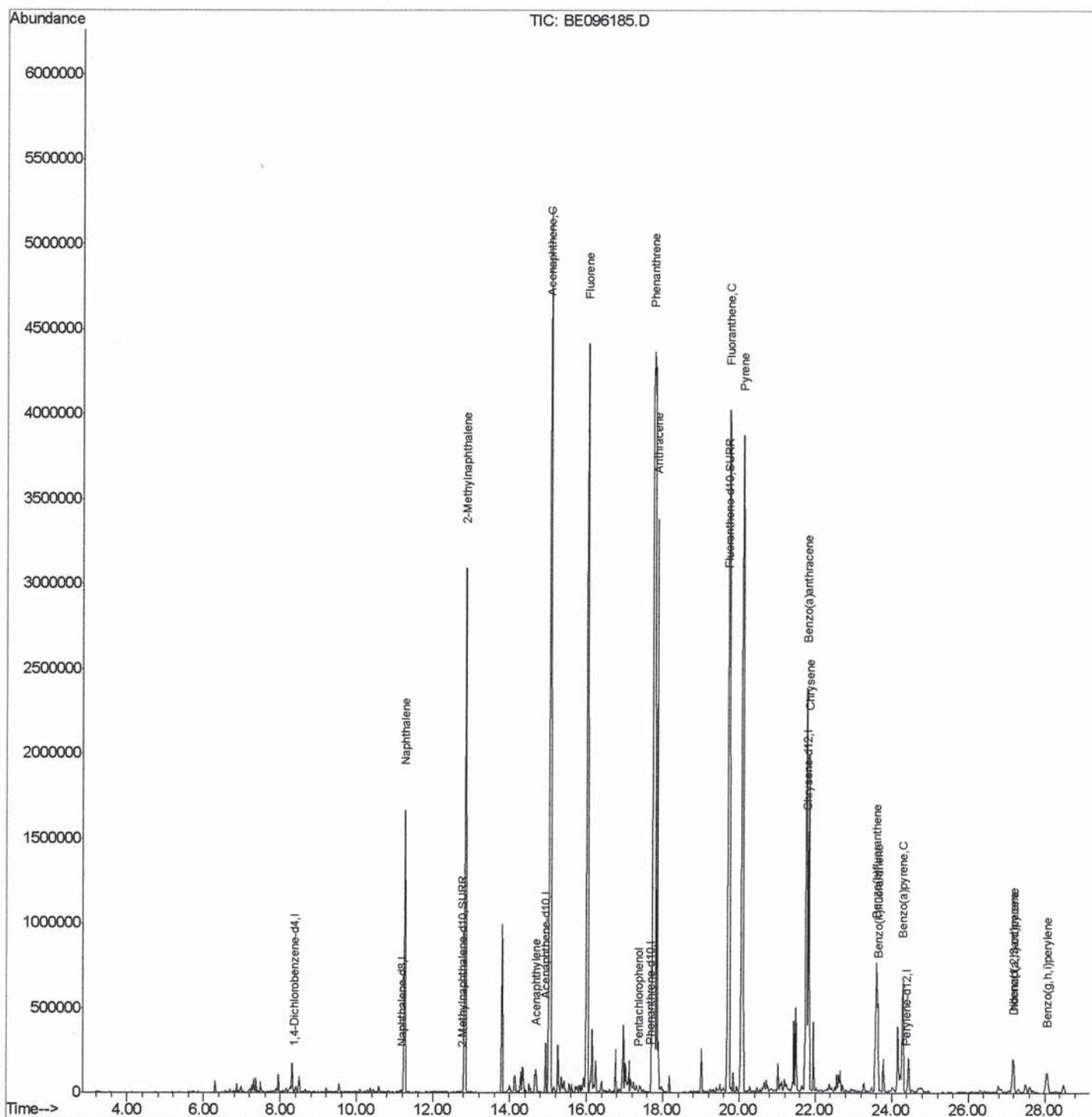
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096185.D
Acq On : 26 Apr 2018 18:44
Operator : SJ/JU
Sample : J2431-14RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:22 PM

Quant Time: Apr 27 05:24:35 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

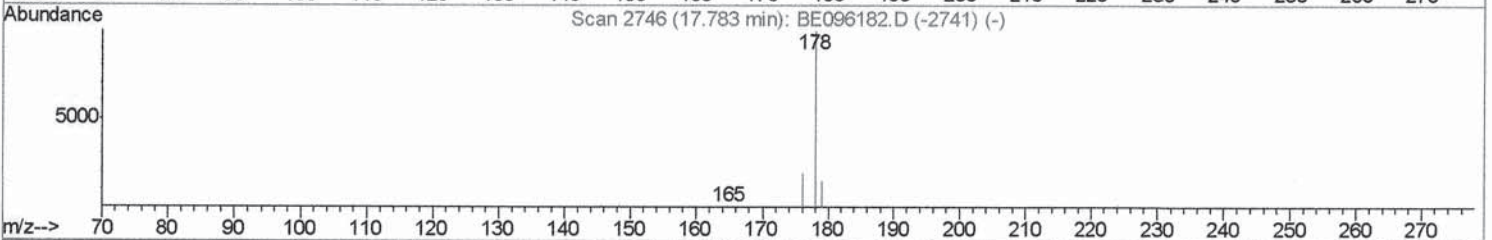
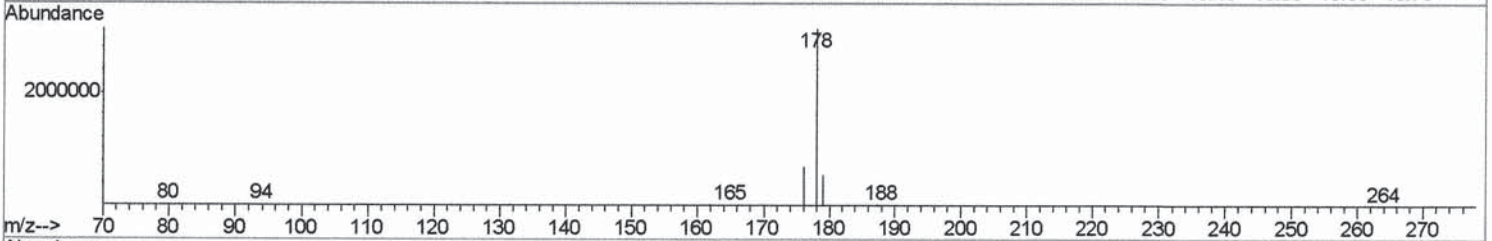
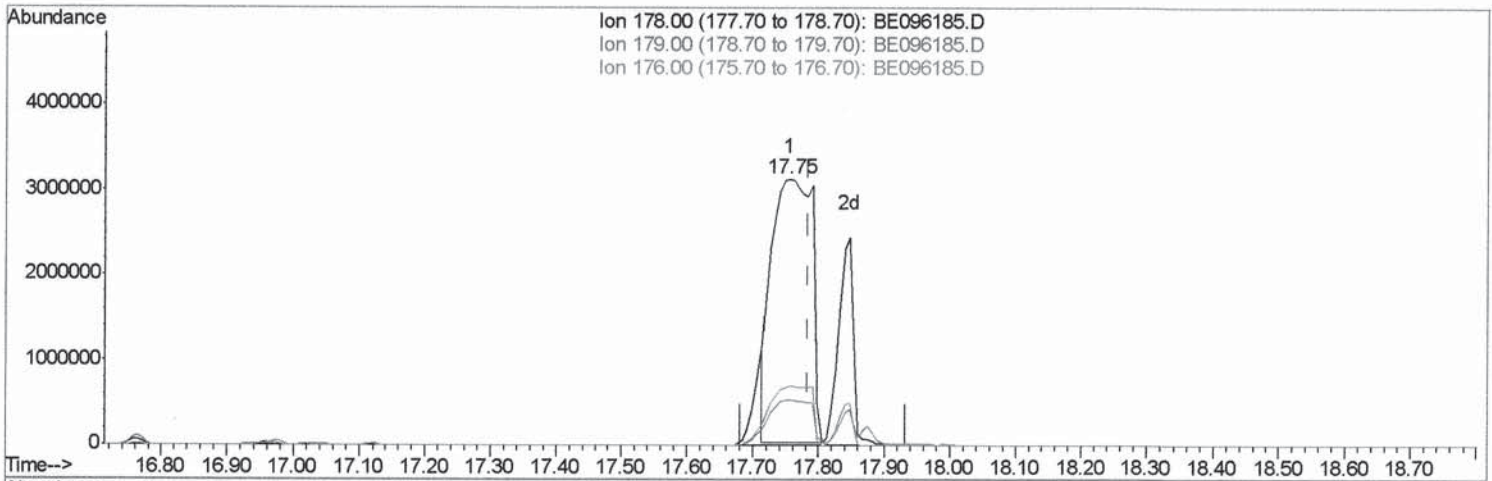
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
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Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:22 PM

Quant Time: Apr 27 04:59:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Apr 27 04:45:57 2018
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TIC: BE096185.D

(13) Anthracene

17.755min (-0.028) 961.88ng/ul

response 13180356

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	17.02#
176.00	18.40	22.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

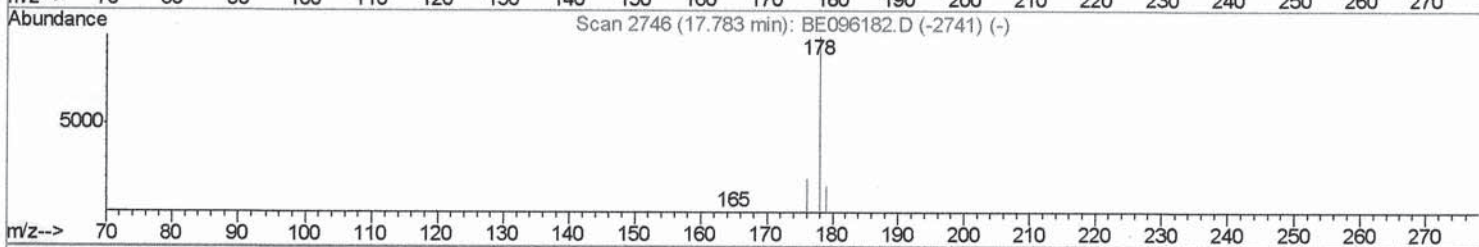
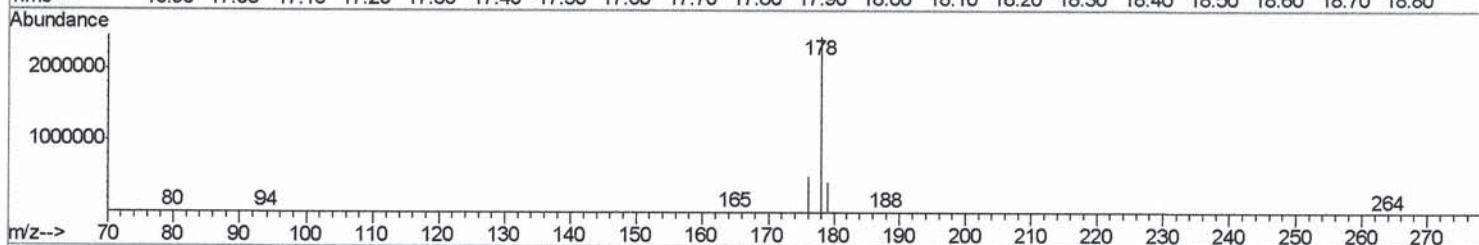
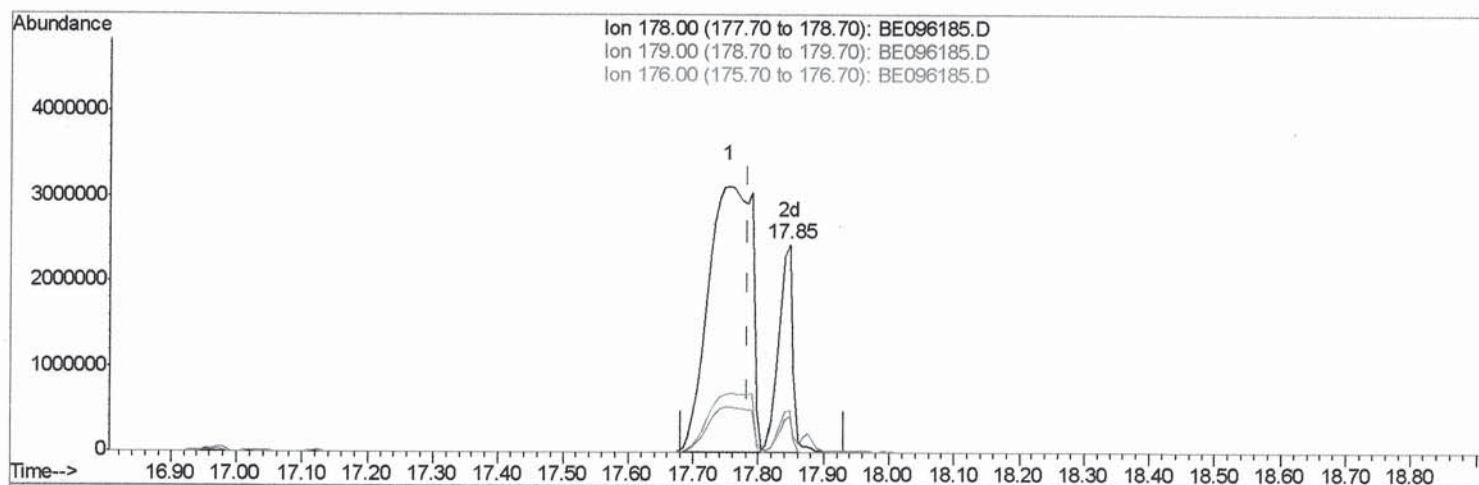
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096185.D
Acq On : 26 Apr 2018 18:44
Operator : SJ/JU
Sample : J2431-14RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:22 PM

Quant Time: Apr 27 04:59:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096185.D

(13) Anthracene

17.846min (+0.063) 274.92ng/ul m > SJ 5/1/18

response 3767087

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	17.36#
176.00	18.40	20.32
0.00	0.00	0.00

Quantitation Report (Qedit)

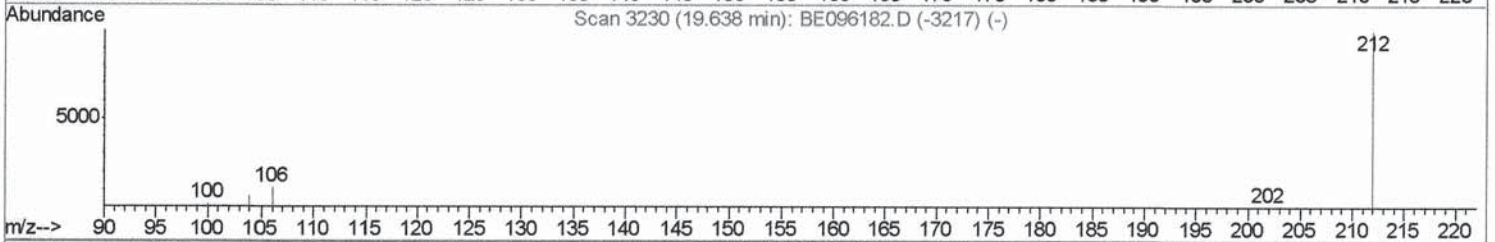
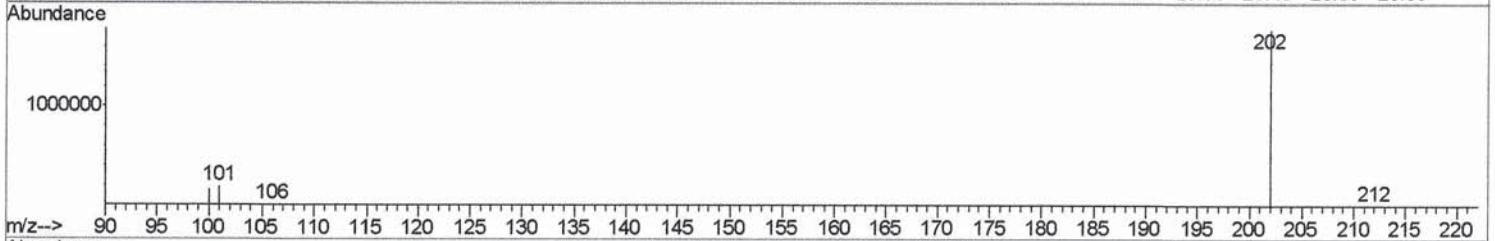
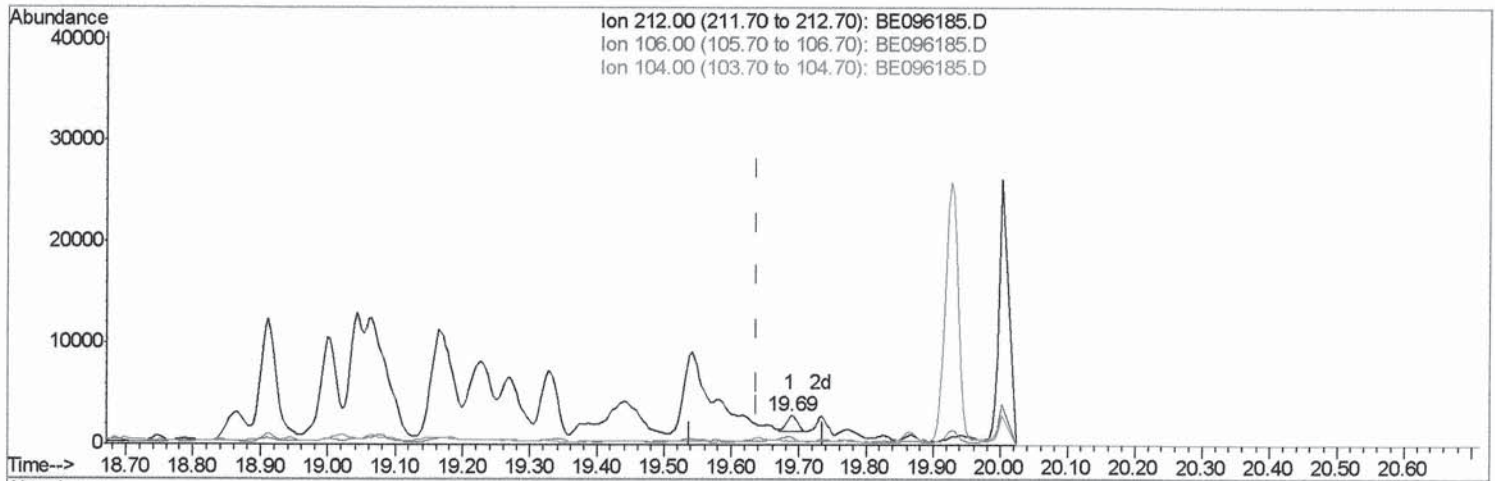
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BE096185.D

(14) Fluoranthene-d10 (SURR)

19.687min (+0.050) 0.08ng/ul

response 1705

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	63.87#
104.00	15.60	6.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

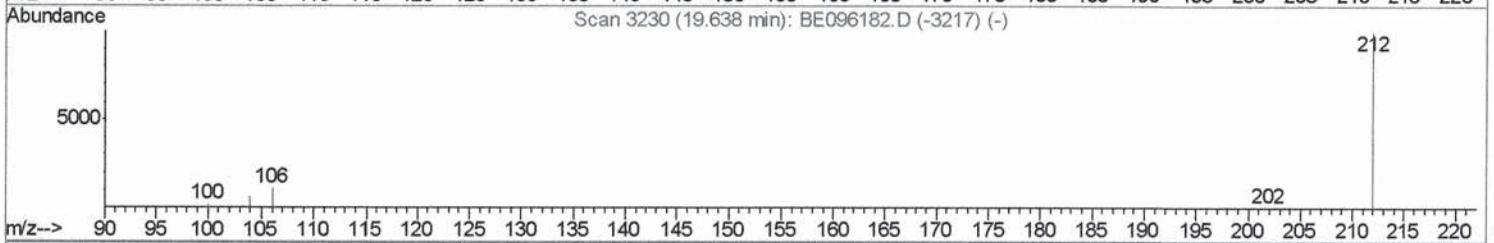
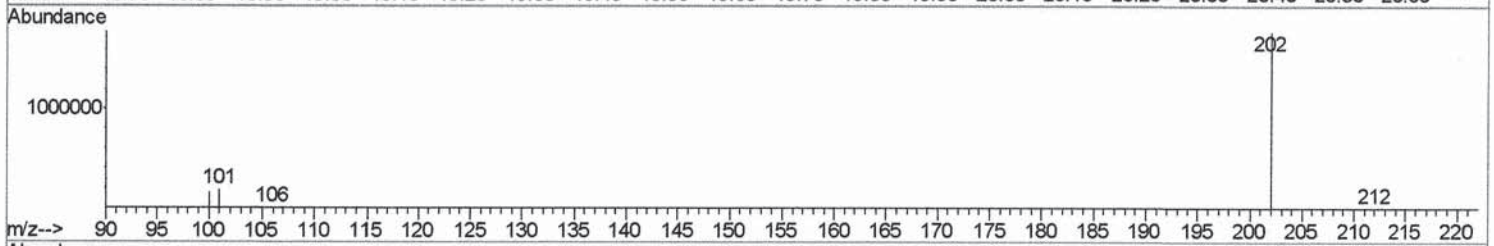
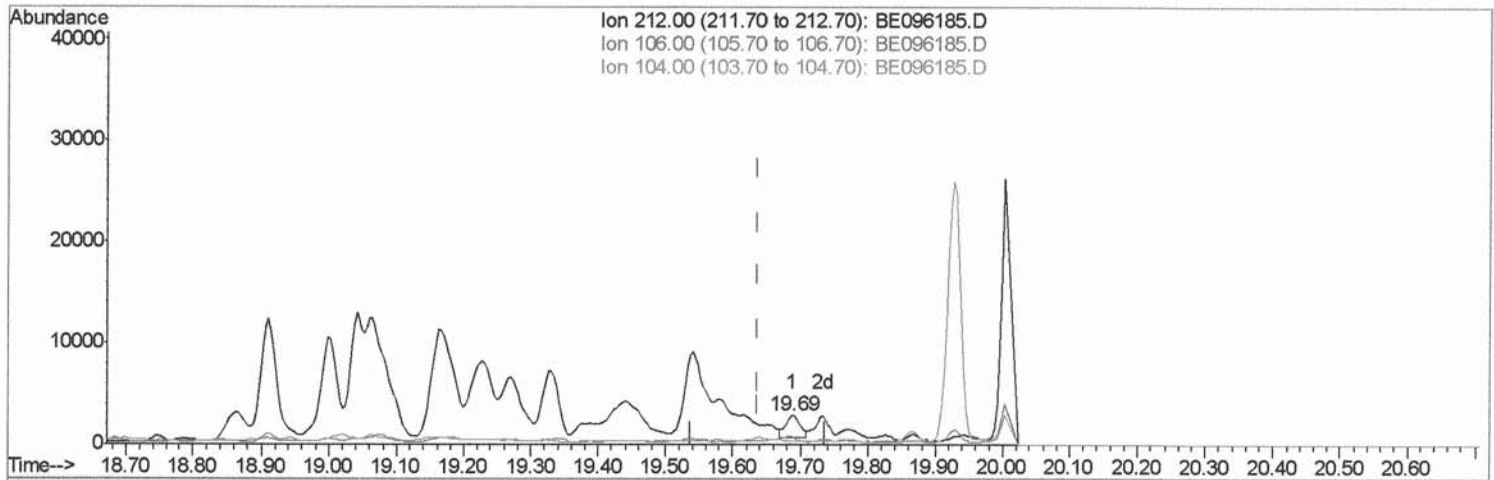
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5RE

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:22 PM

Quant Time: Apr 27 04:59:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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 Response via : Initial Calibration



TIC: BE096185.D

(14) Fluoranthene-d10 (SURR)

19.687min (+0.050) 0.15ng/ul m> SJ 5/1/18

response 3263

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	33.37#
104.00	15.60	3.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

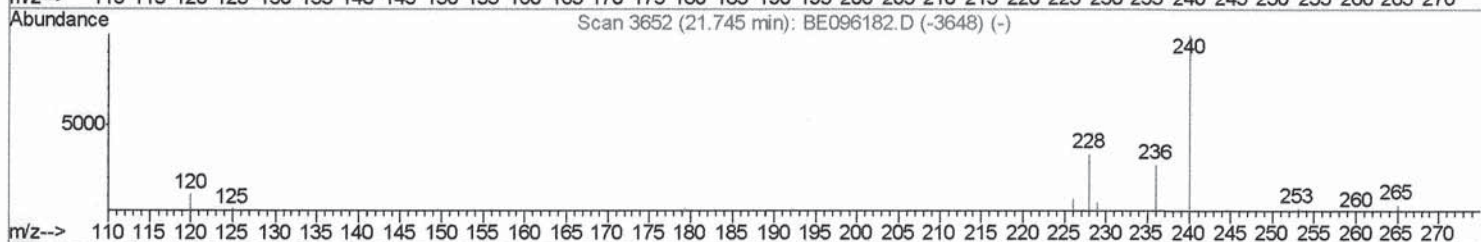
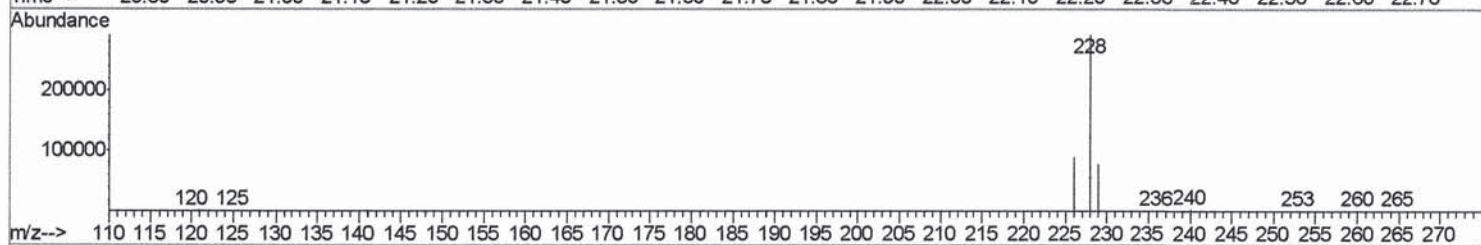
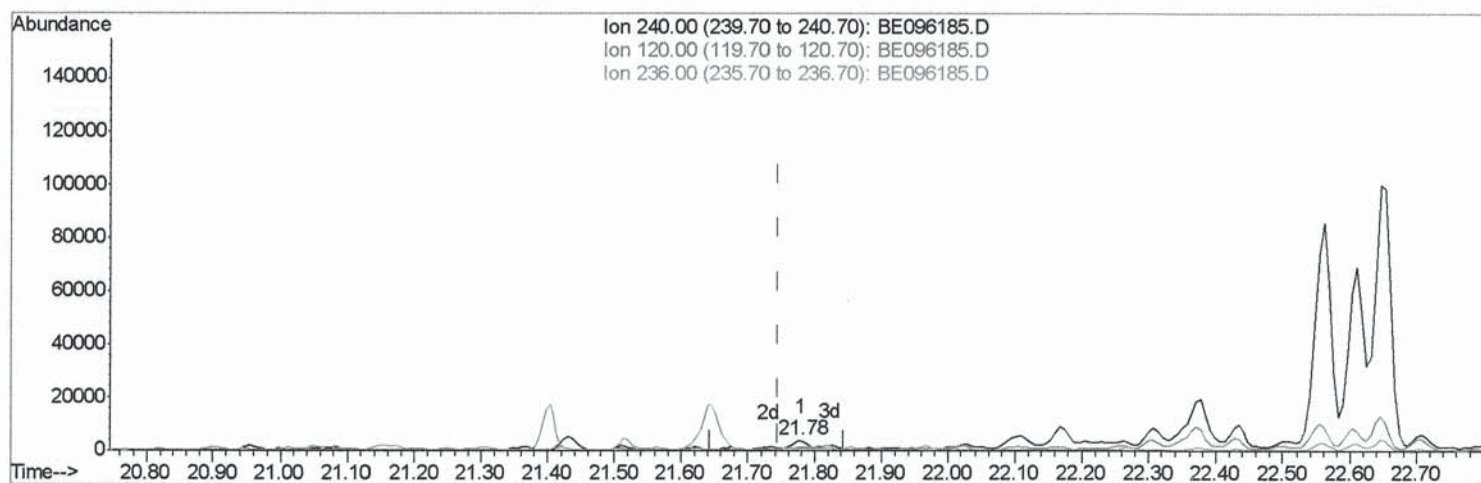
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096185.D
Acq On : 26 Apr 2018 18:44
Operator : SJ/JU
Sample : J2431-14RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
DASP5RE

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:22 PM

Quant Time: Apr 27 04:59:59 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



TIC: BE096185.D

(16) Chrysene-d12 (I)

21.780min (+0.035) 0.40ng/ul

response 4348

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	24.70
236.00	34.90	38.30
0.00	0.00	0.00

Quantitation Report (Qedit)

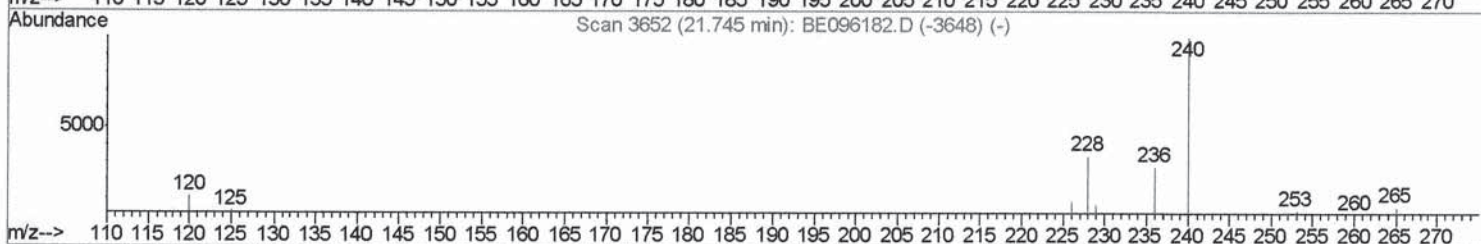
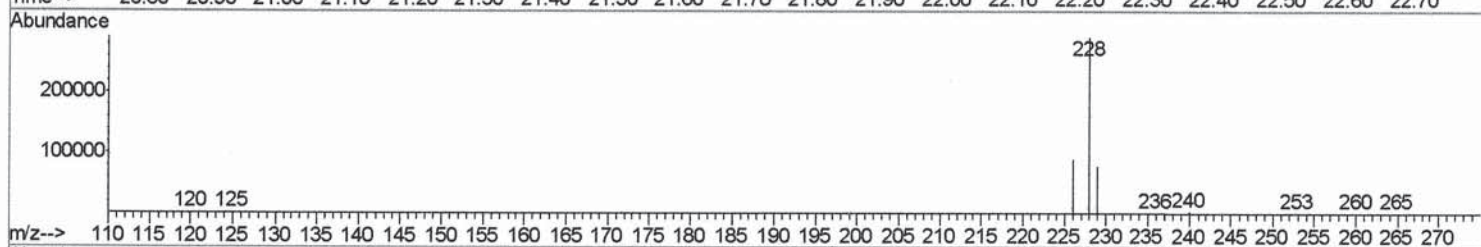
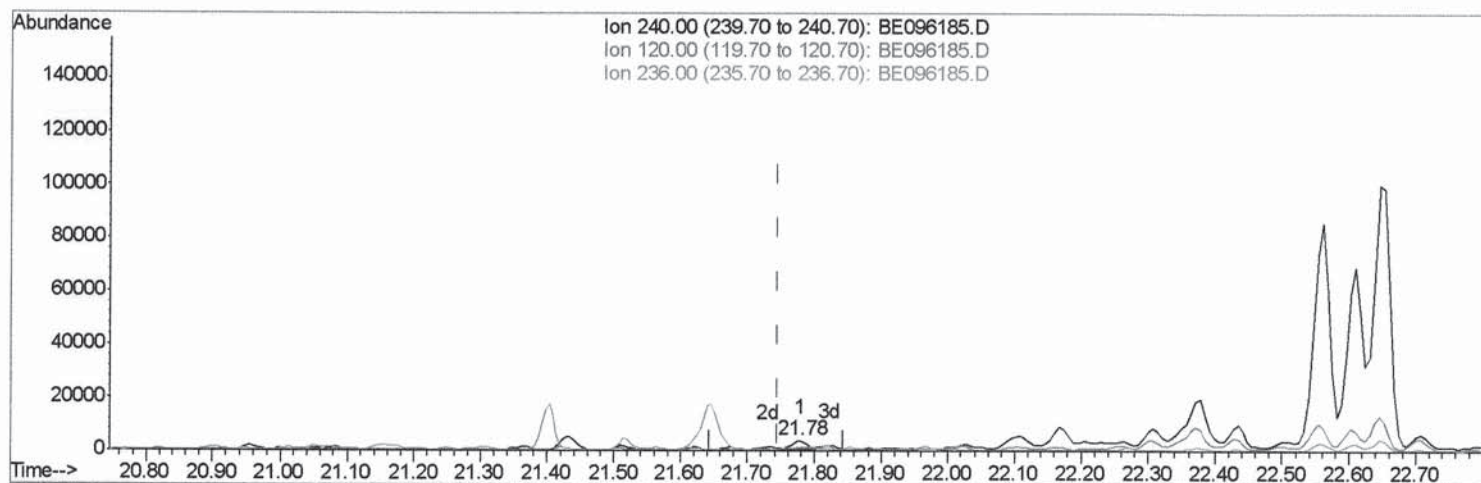
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 DASP5RE

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:22 PM

Quant Time: Apr 27 04:59:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096185.D

(16) Chrysene-d12 (I)

21.780min (+0.035) 0.40ng/ul m> SJ 5/1/18

response 5504

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	24.70
236.00	34.90	38.30
0.00	0.00	0.00

Quantitation Report (Qedit)

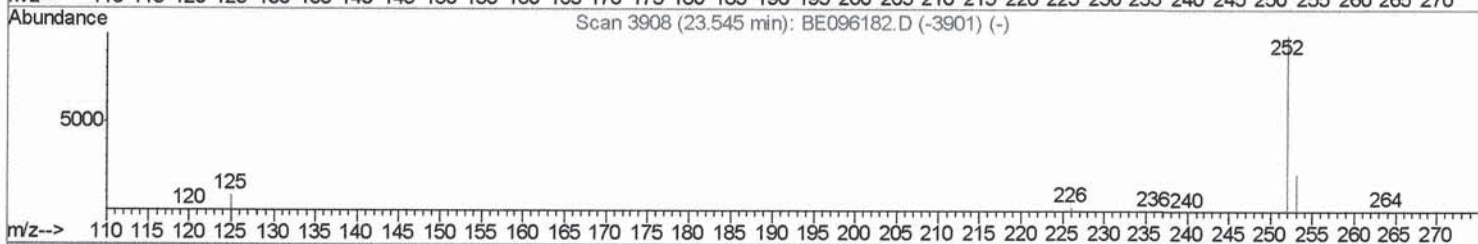
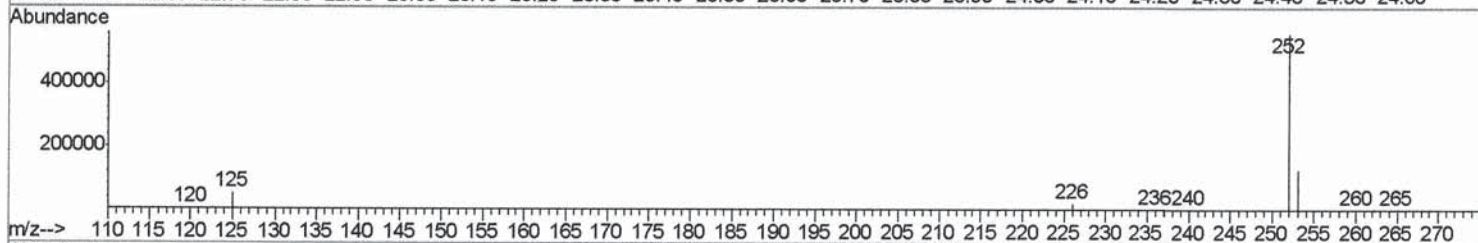
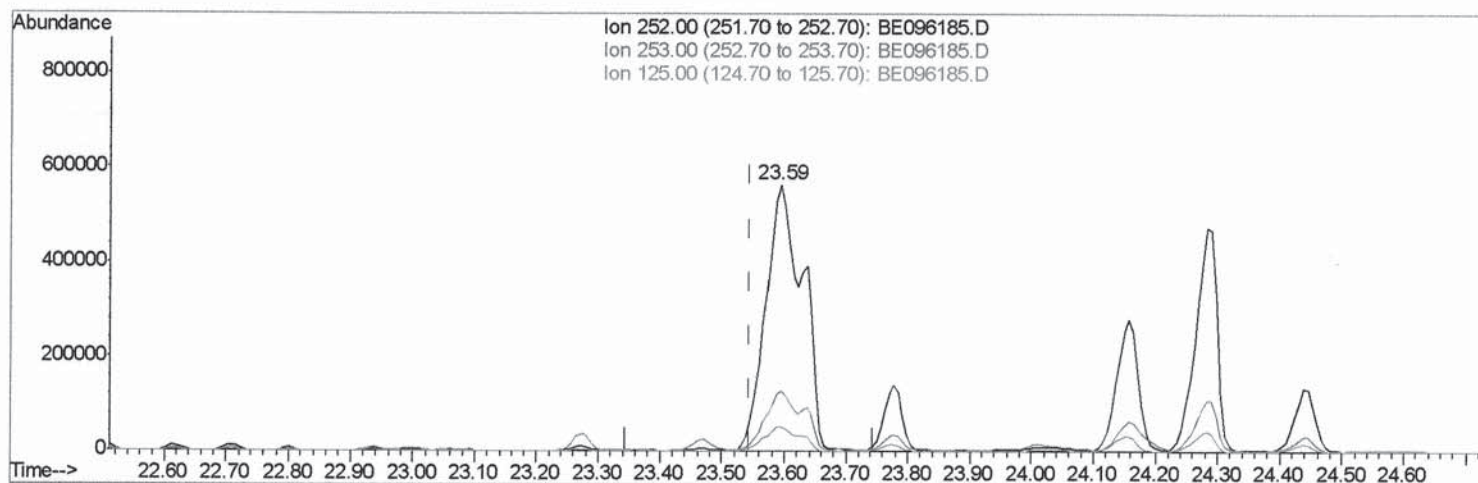
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096185.D
Acq On : 26 Apr 2018 18:44
Operator : SJ/JU
Sample : J2431-14RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP5RE

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:22 PM

Quant Time: Apr 27 05:22:45 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



TIC: BE096185.D

(21) Benzo(b)fluoranthene

23.594min (+0.049) 115.95ng/ul

response 2319526

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.82
125.00	17.50	9.18
0.00	0.00	0.00

Quantitation Report (Qedit)

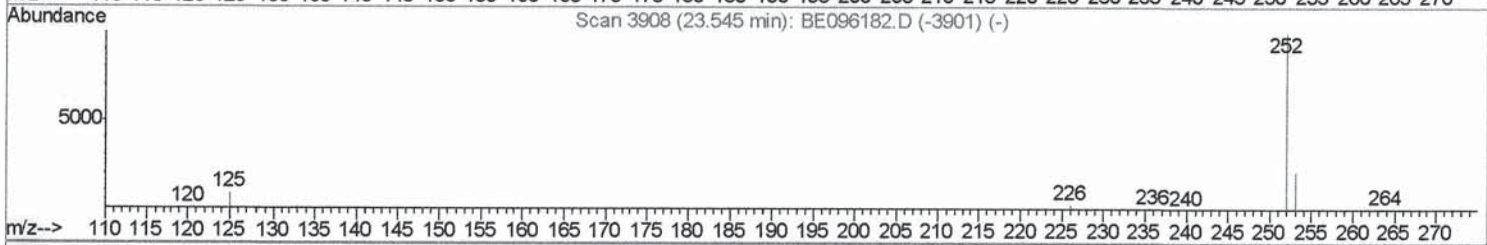
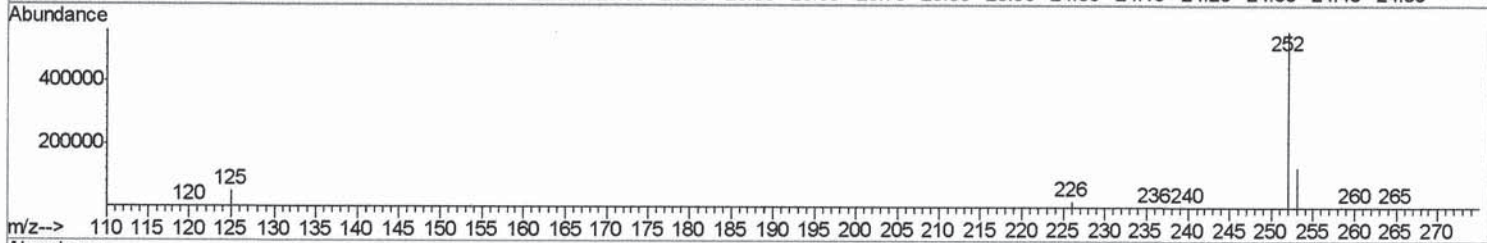
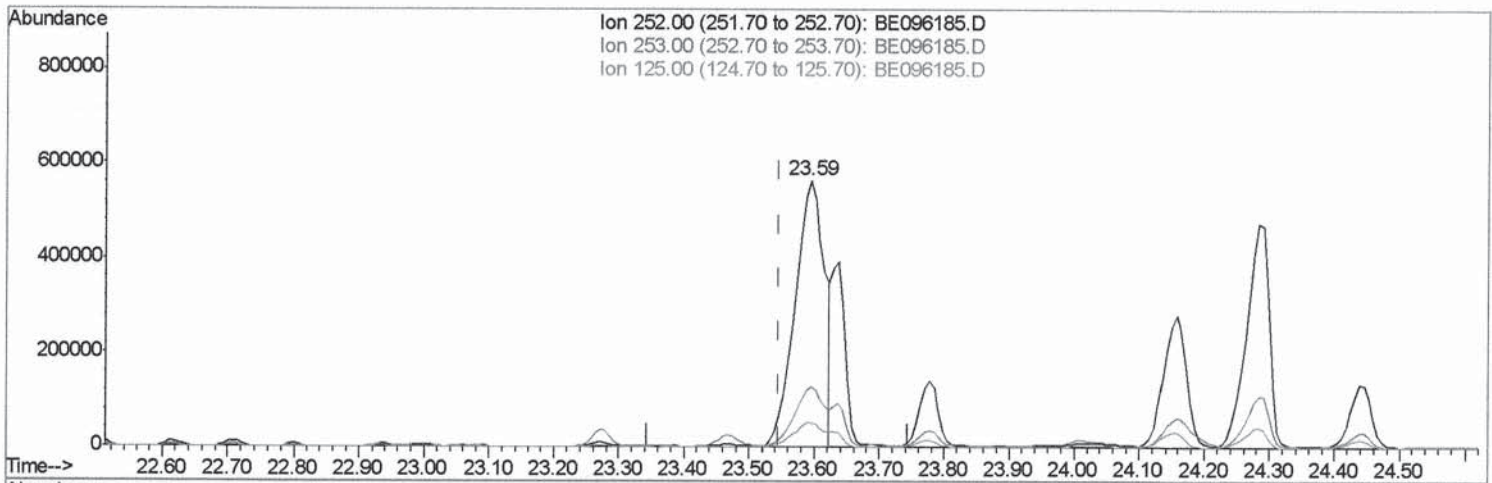
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5RE

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:22 PM

Quant Time: Apr 27 05:22:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096185.D

(21) Benzo(b)fluoranthene

23.594min (+0.049) 89.29ng/ul m > SJ 5/1/18

response 1786142

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.82
125.00	17.50	9.18
0.00	0.00	0.00

Quantitation Report (Qedit)

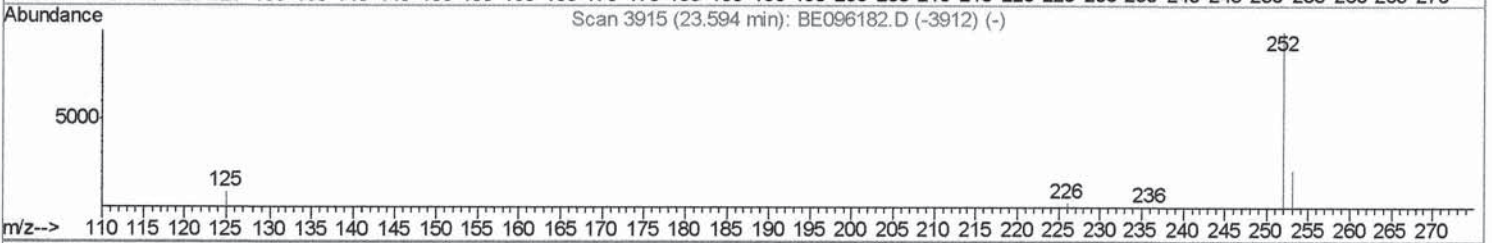
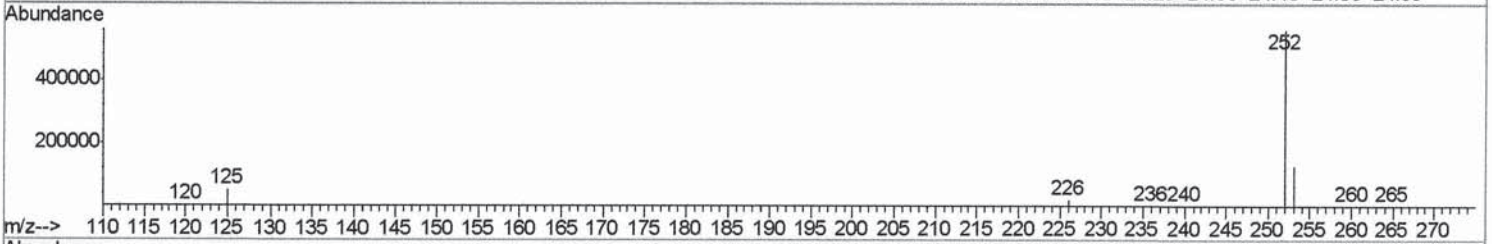
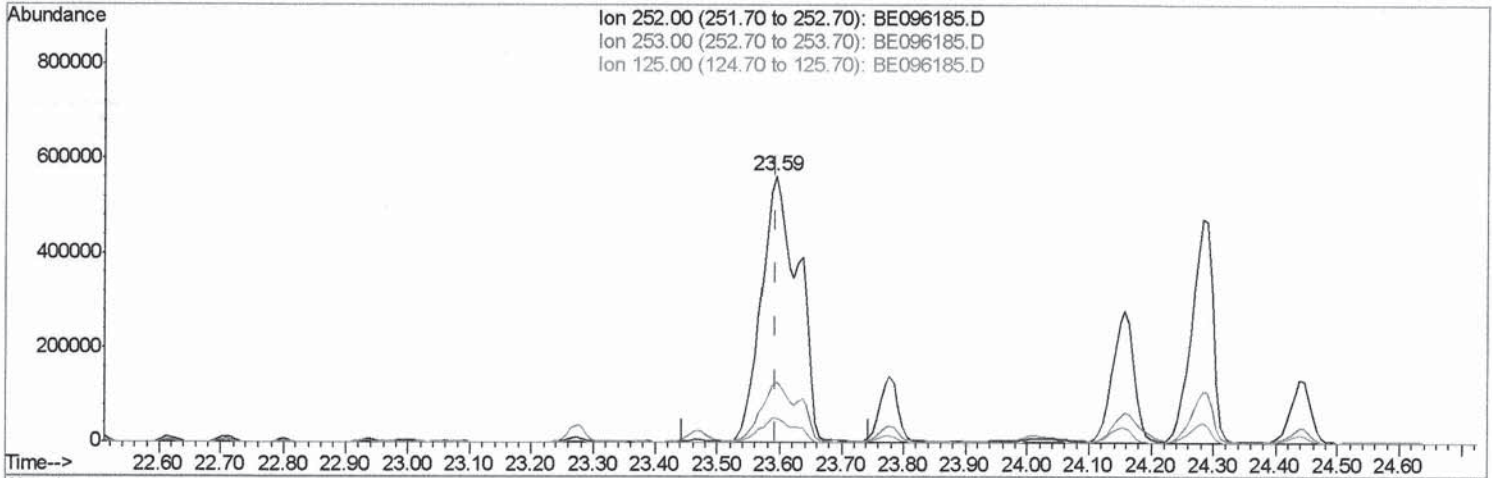
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5RE

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:22 PM

Quant Time: Apr 27 05:22:45 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096185.D

(22) Benzo(k)fluoranthene

23.594min (-0.000) 121.29ng/ul

response 2319526

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.82#
125.00	17.10	9.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

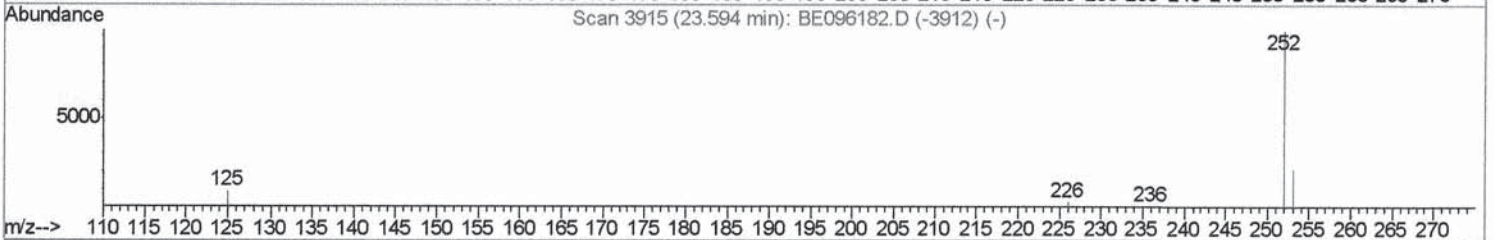
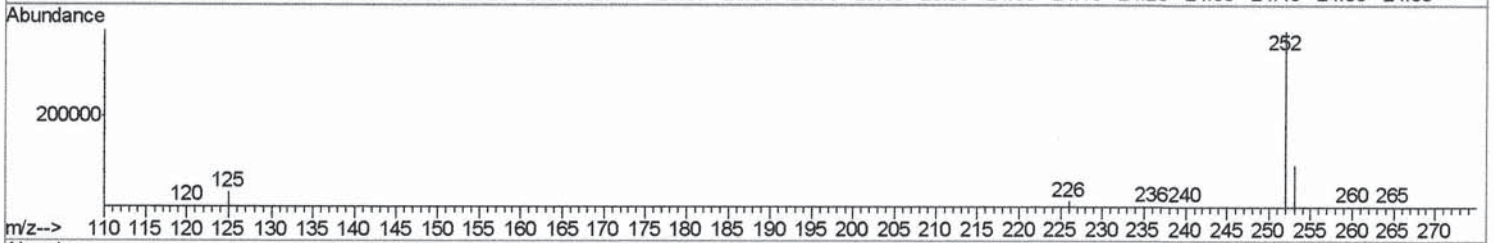
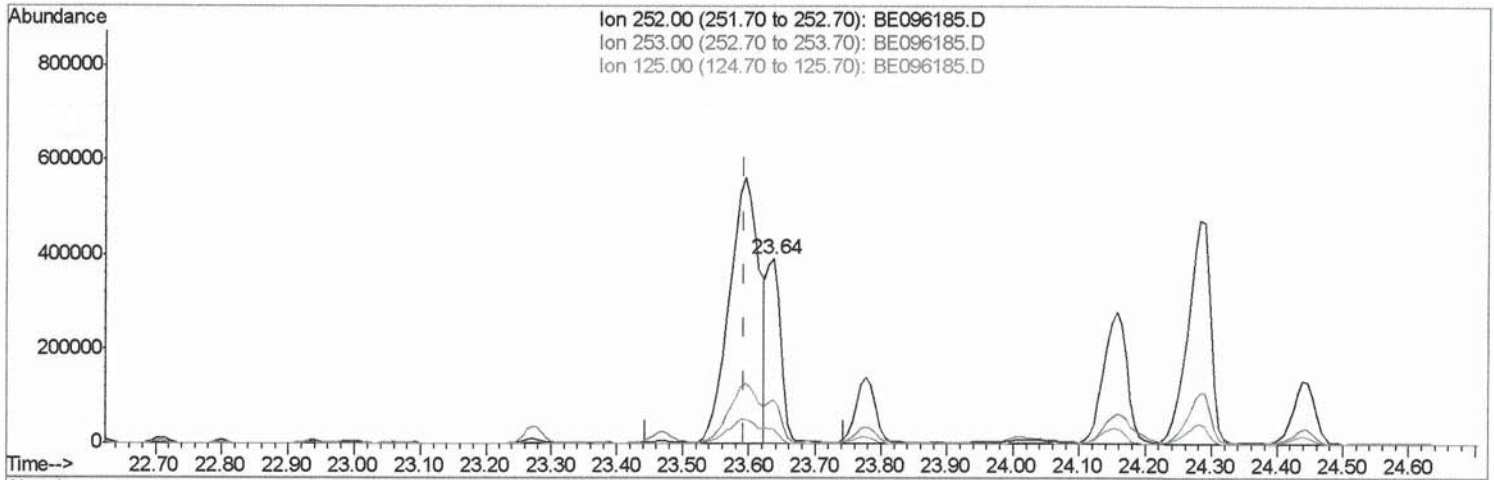
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5RE

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:22 PM

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TIC: BE096185.D

(22) Benzo(k)fluoranthene

23.636min (+0.042) 28.62ng/ul m > SJ 5/1/18

response 547224

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.75#
125.00	17.10	8.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

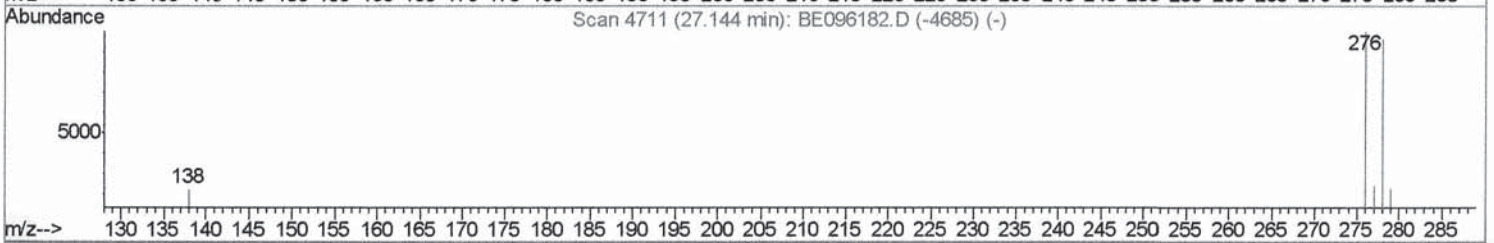
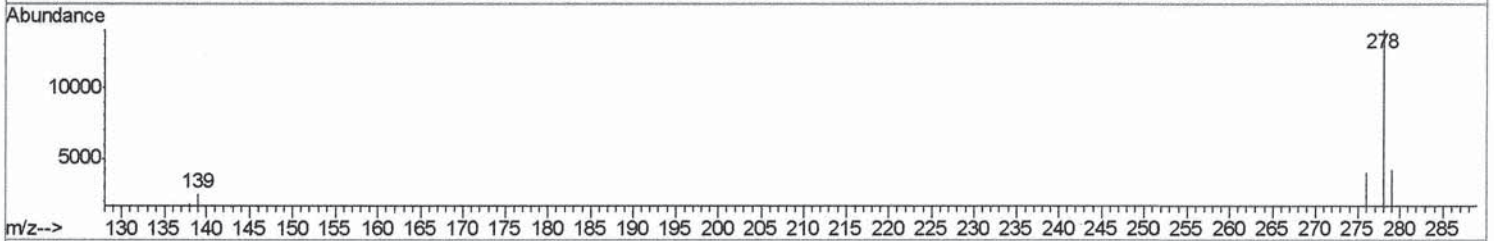
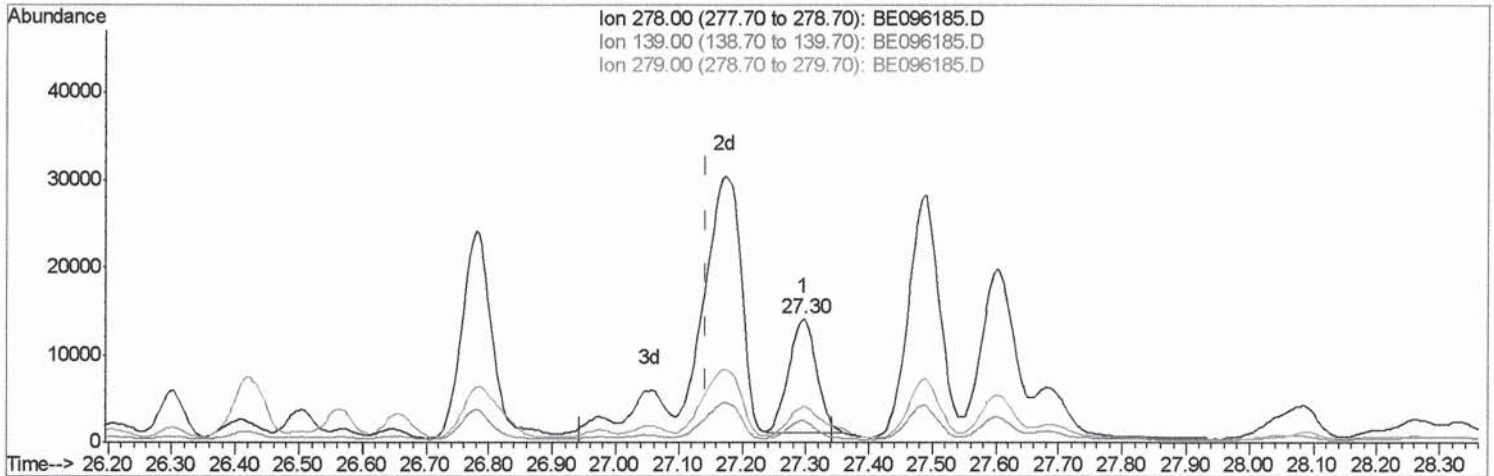
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
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 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BE096185.D

(25) Dibenzo(a,h)anthracene

27.297min (+0.153) 2.05ng/ul

response 40180

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	17.66
279.00	32.40	29.61
0.00	0.00	0.00

Quantitation Report (Qedit)

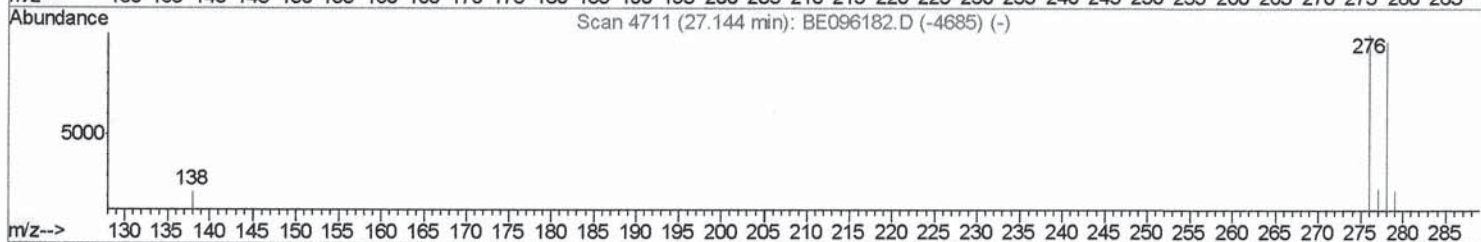
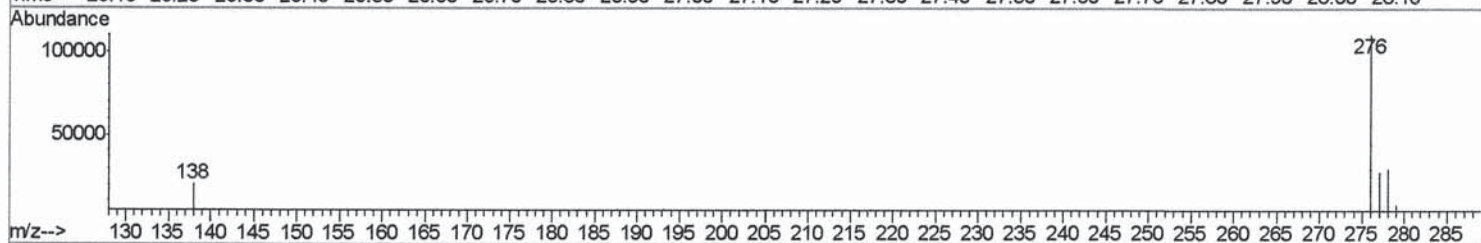
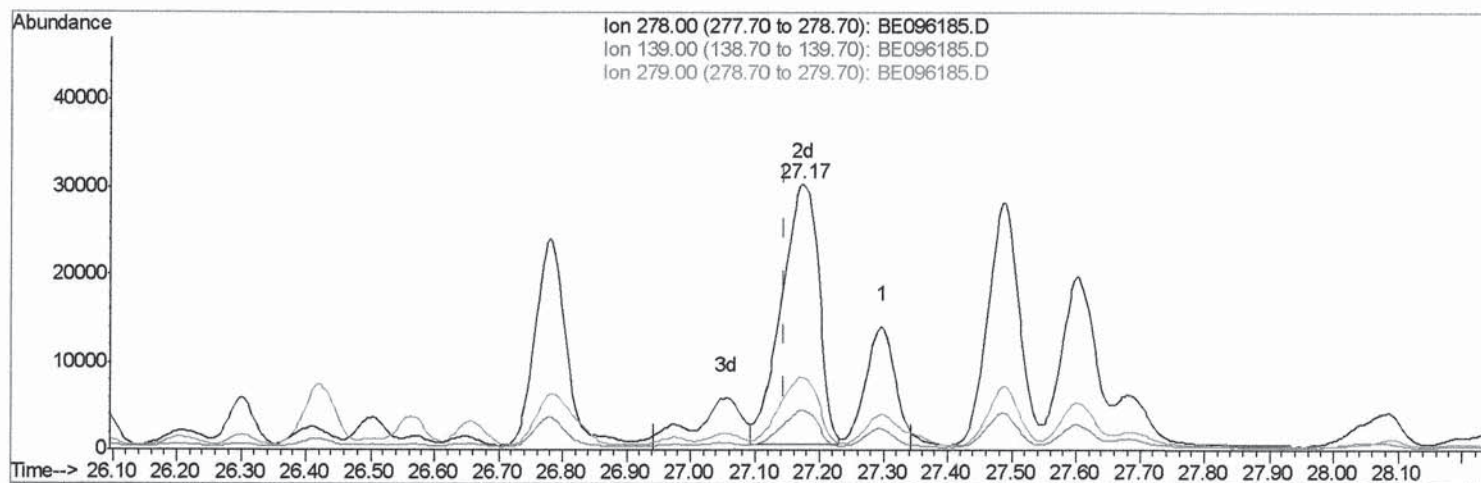
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096185.D
Acq On : 26 Apr 2018 18:44
Operator : SJ/JU
Sample : J2431-14RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:22 PM

Quant Time: Apr 27 05:22:45 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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Response via : Initial Calibration



TIC: BE096185.D

(25) Dibenzo(a,h)anthracene

27.172min (+0.028) 6.10ng/ul m> 51 5/1/18

response 119649

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	14.79#
279.00	32.40	27.35
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096185.D
 Acq On : 26 Apr 2018 18:44
 Operator : SJ/JU
 Sample : J2431-14RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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Manual Integrations
 APPROVED

Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1033	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3850	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	11680	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.67	188	4639	0.40	ng/ul	0.01
16) Chrysene-d12	21.78	240	5504m	0.40	ng/ul	0.04
20) Perylene-d12	24.38	264	5283	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1309	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3263m	0.15	ng/ul	0.05
Target Compounds					Ovalue	
3) Naphthalene	11.25	128	2565011	239.272	ng/ul#	87
5) 2-Methylnaphthalene	12.84	142	2964507	412.746	ng/ul	99
7) Acenaphthylene	14.68	152	145530	2.417	ng/ul#	93
8) Acenaphthene	15.05	153	4835892	111.392	ng/ul	96
9) Fluorene	16.02	166	4500106	78.342	ng/ul#	90
11) Pentachlorophenol	17.36	266	845	0.757	ng/ul	89
12) Phenanthrene	17.75	178	14435003	1056.874	ng/ul#	88
13) Anthracene	17.85	178	3767087m	274.916	ng/ul	
15) Fluoranthene	19.72	202	12037483	576.589	ng/ul	84
17) Pyrene	20.08	202	10587400	958.840	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	3955838	237.397	ng/ul#	84
19) Chrysene	21.82	228	2207089	144.141	ng/ul	93
21) Benzo(b)fluoranthene	23.59	252	1786142m	89.289	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	547224m	28.615	ng/ul	
23) Benzo(a)pyrene	24.28	252	1136870	65.417	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.18	276	412194	17.603	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.17	278	119649m	6.102	ng/ul	
26) Benzo(a,h,i)perylene	28.05	276	335001	16.435	ng/ul#	90

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