

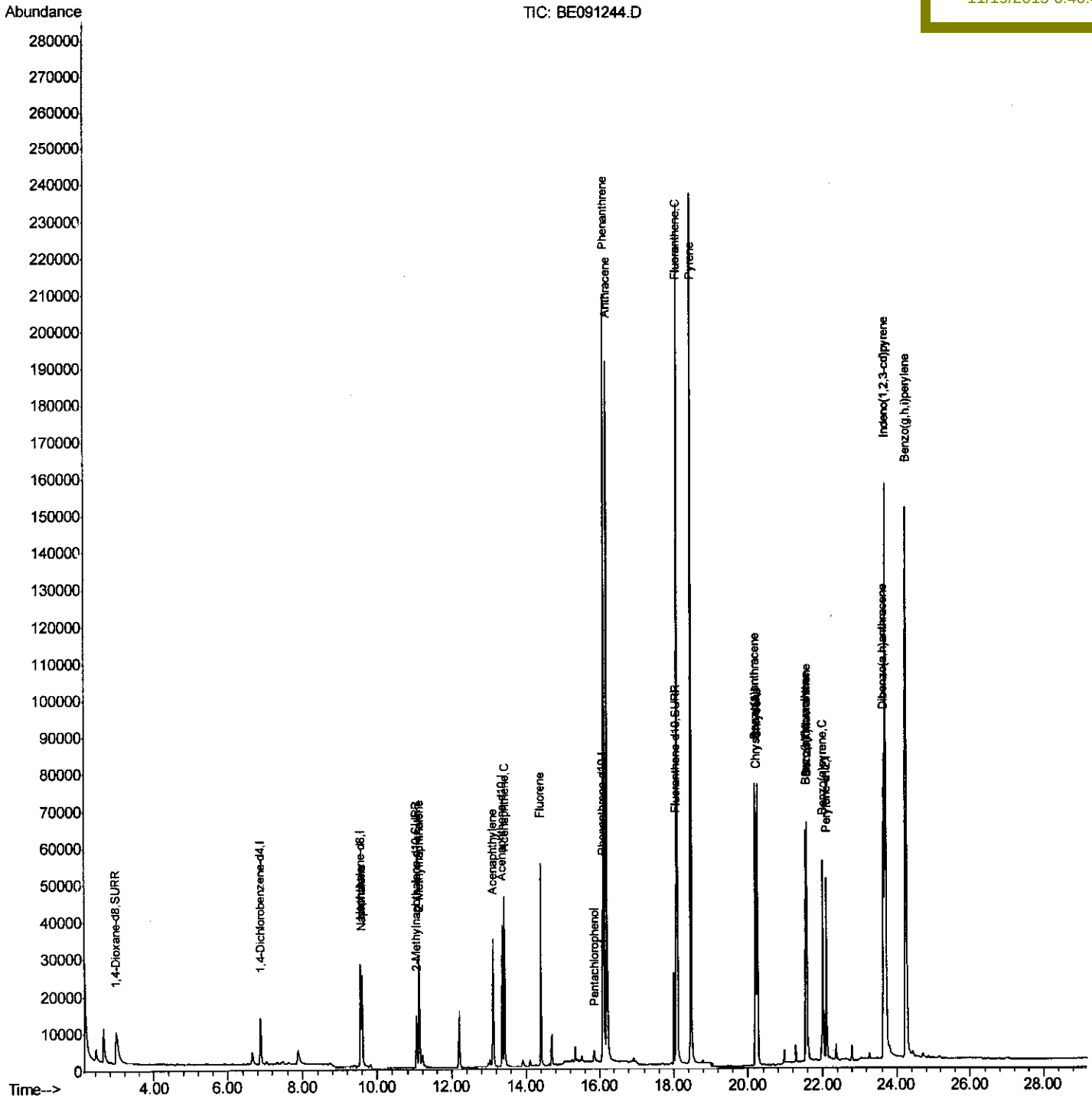
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091244.D
Acq On : 19 Nov 2015 1:49
Operator : UM/NP
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.475

Quant Time: Nov 19 07:12:26 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
Response via : Initial Calibration

Manual Integrations
APPROVED

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11/19/2015 6:46:43 PM



Quantitation Report (Qedit)

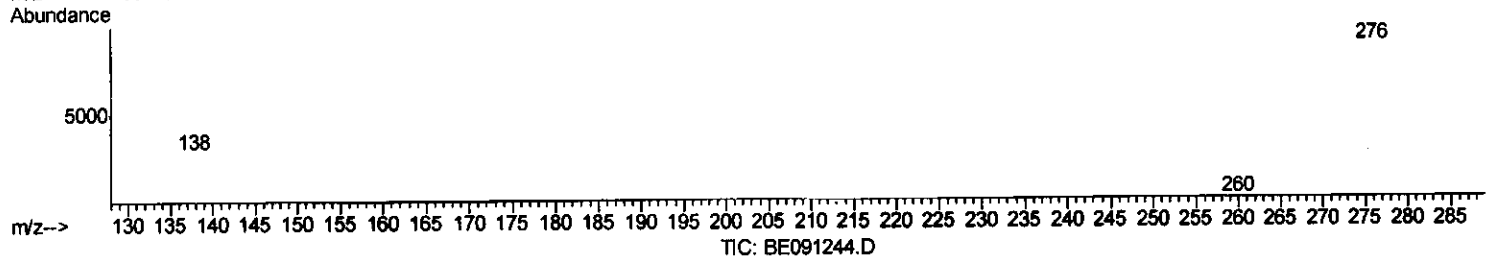
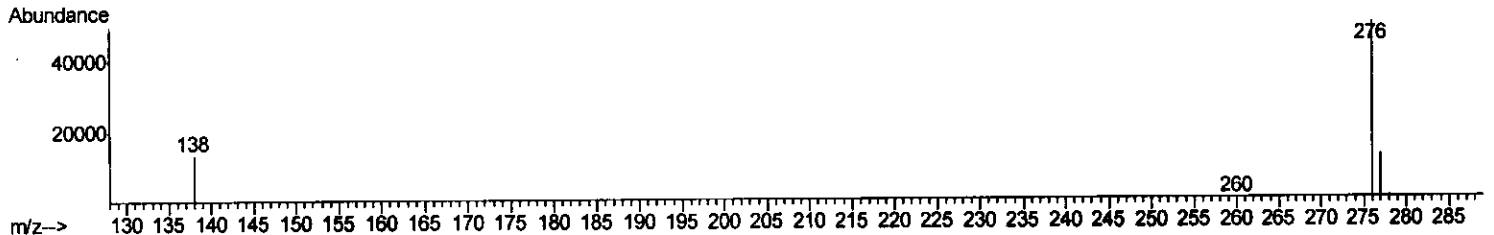
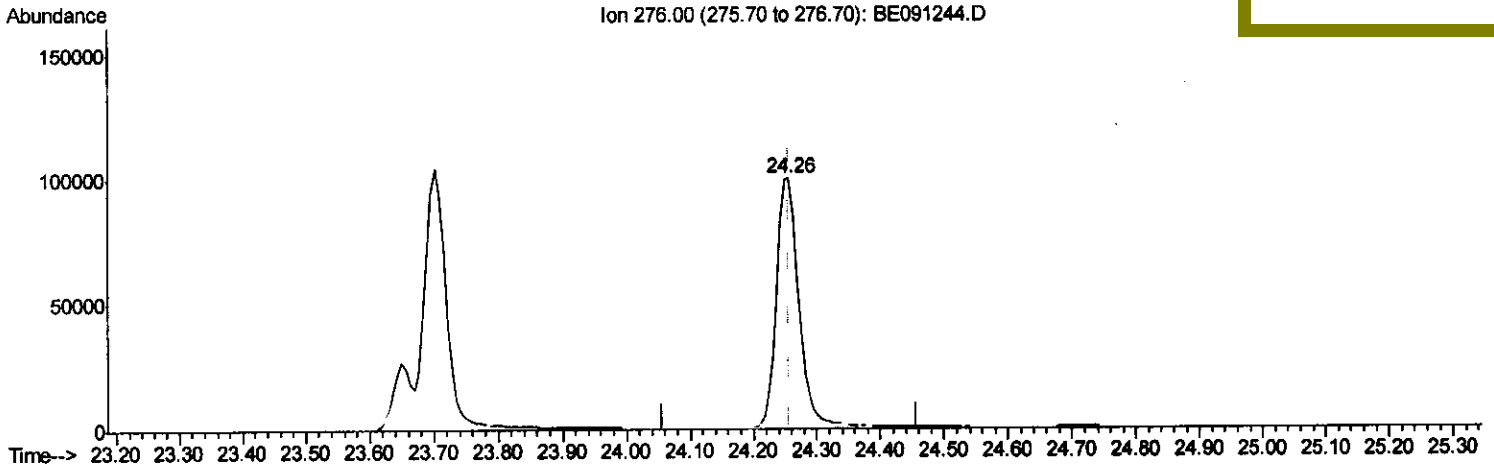
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
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Manual Integrations
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(28) Benzo(g,h,i)perylene

24.256min (-0.001) 0.36ng/ul m

response 244343

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	24.71
138.00	31.90	26.21
0.00	0.00	0.00

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Quantitation Report (Qedit)

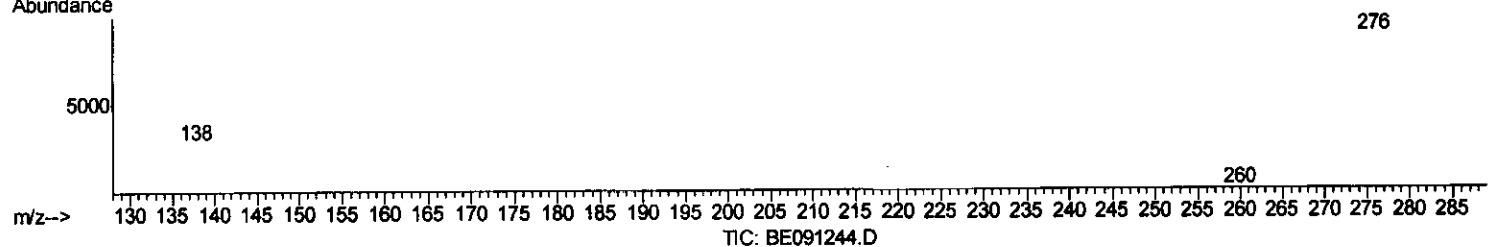
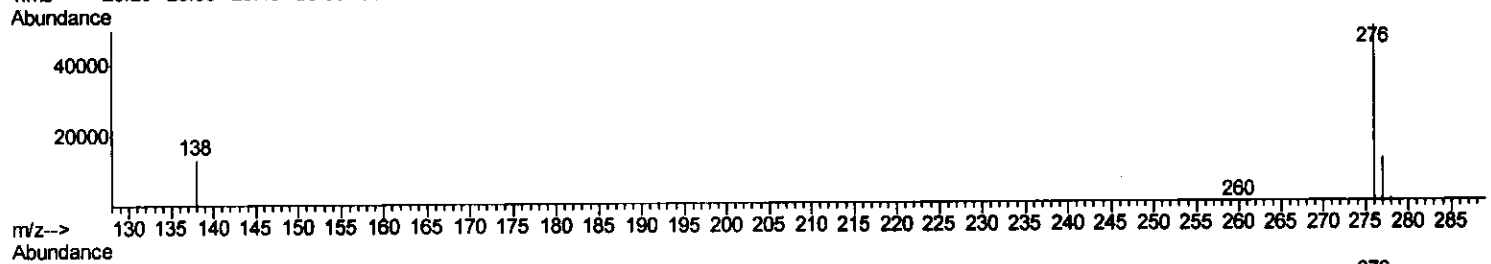
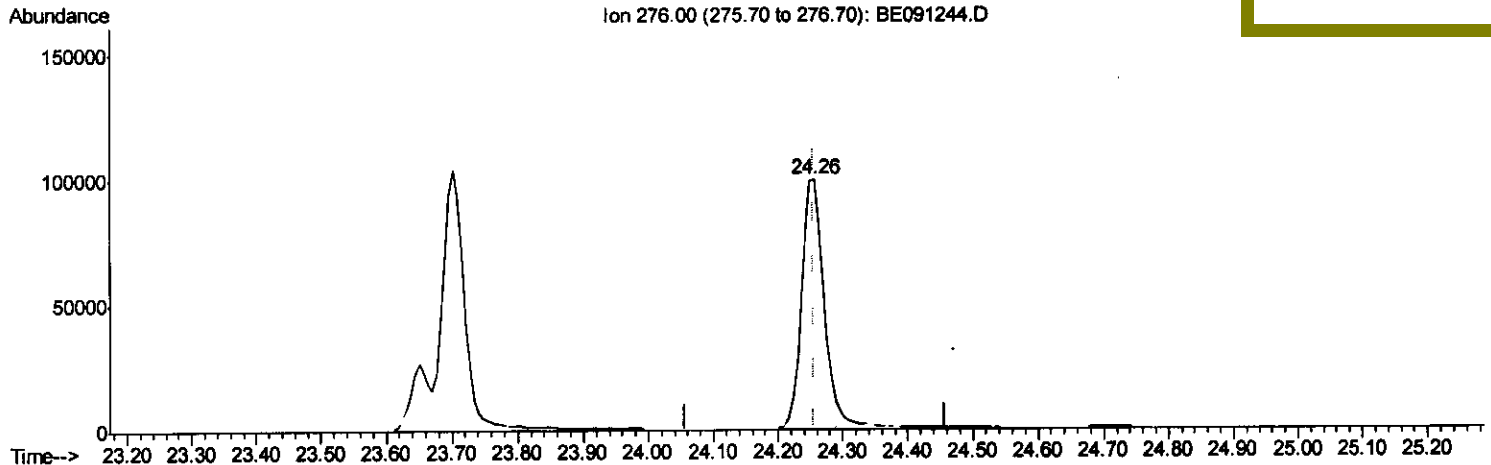
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
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Manual Integrations
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(28) Benzo(g,h,i)perylene

24.256min (-0.001) 0.34ng/ul

response 232505

Ion	Exp%	Act%
276.00	100	100
277.00	26.60	24.71
138.00	31.90	26.21
0.00	0.00	0.00

Quantitation Report (Qedit)

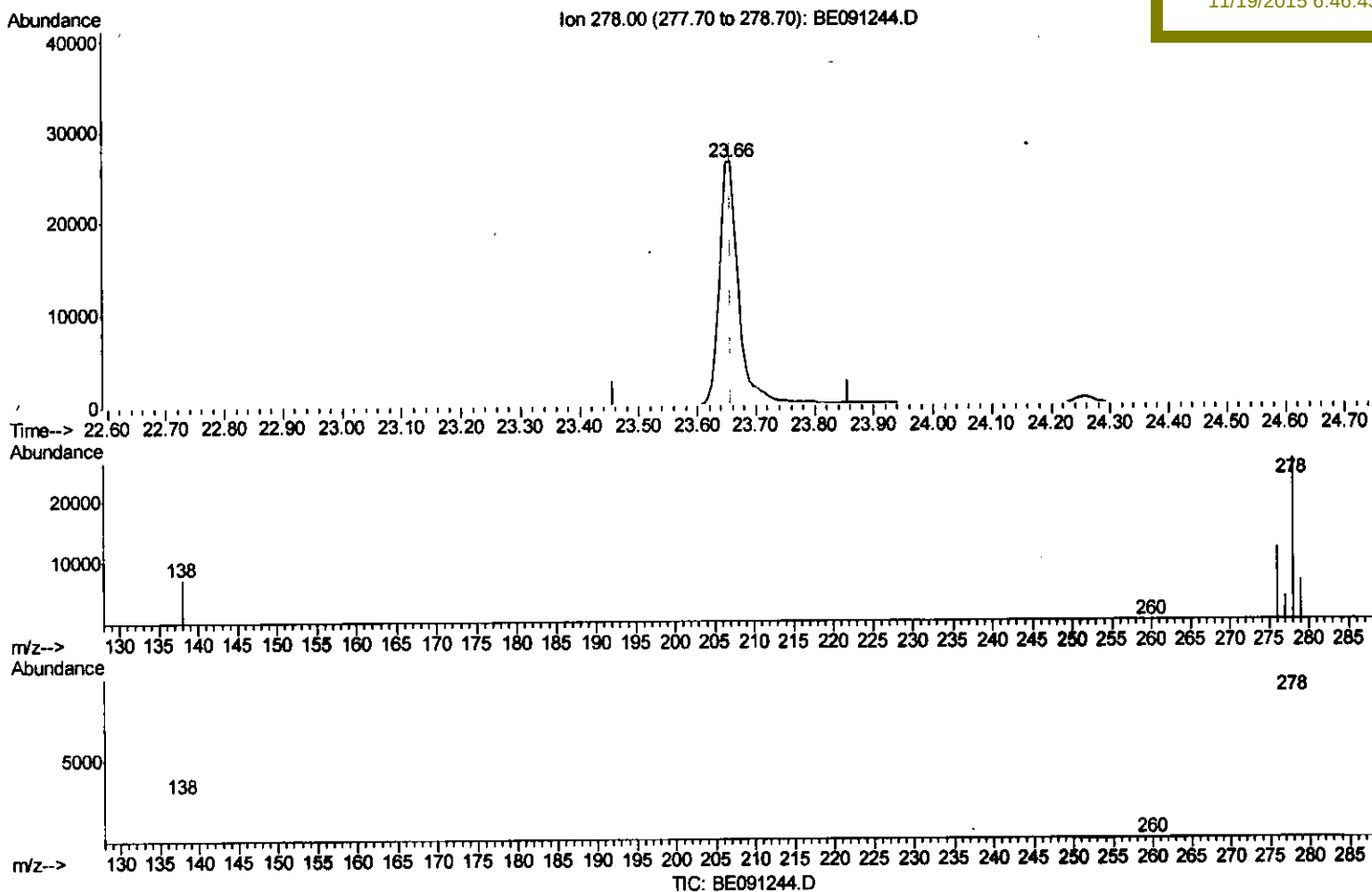
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091244.D
Acq On : 19 Nov 2015 1:49
Operator : UM/NP
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTD0.475

Quant Time: Nov 19 07:09:35 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 19 06:02:12 2015
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Manual Integrations
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(27) Dibenzo(a,h)anthracene

23.656min (-0.001) 0.39ng/ul m

response 59758

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	24.46
0.00	0.00	0.00

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Quantitation Report (Qedit)

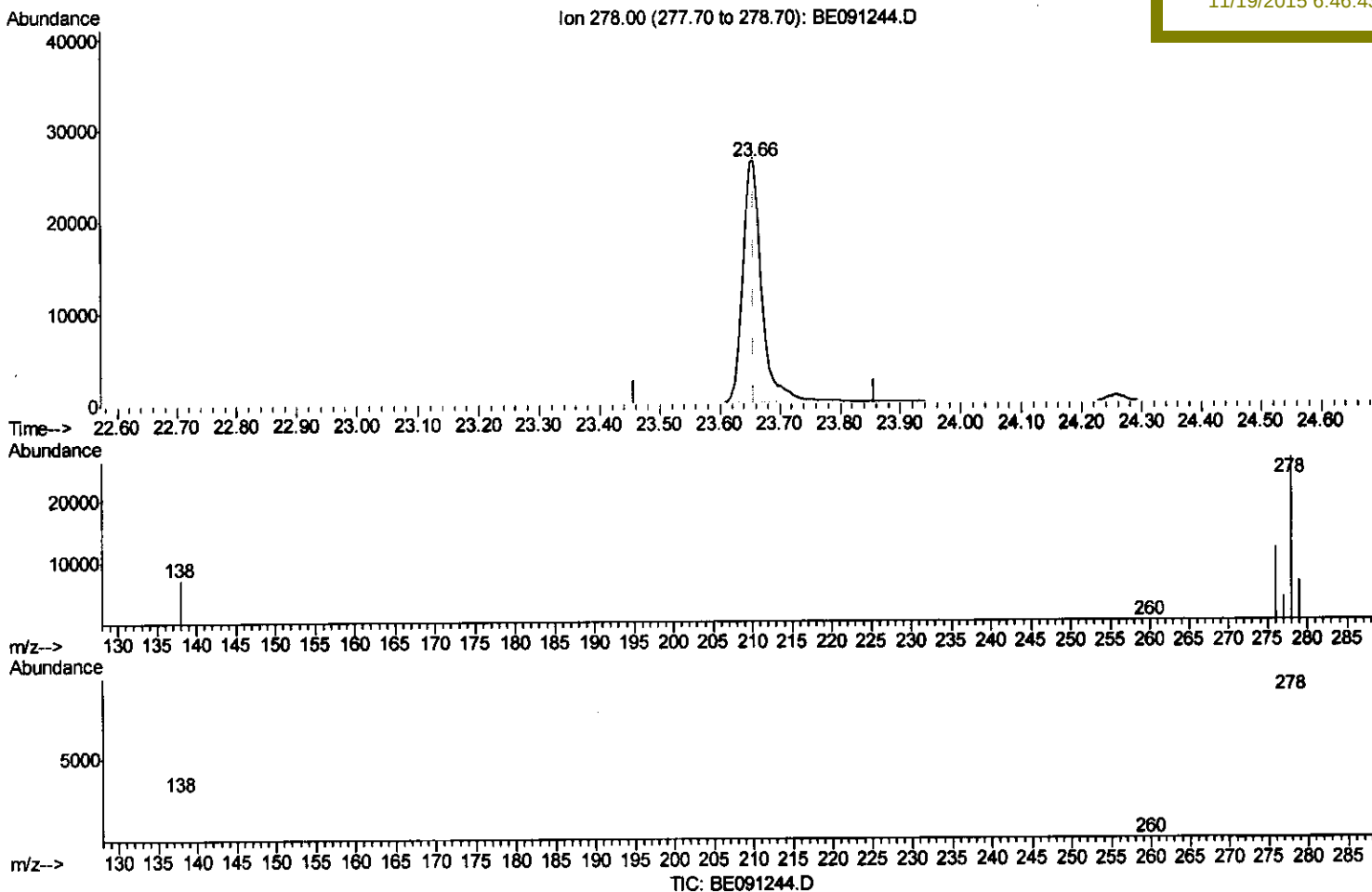
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
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(27) Dibenzo(a,h)anthracene

23.656min (-0.001) 0.36ng/ul

response 56226

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	24.46
0.00	0.00	0.00

Quantitation Report (Qedit)

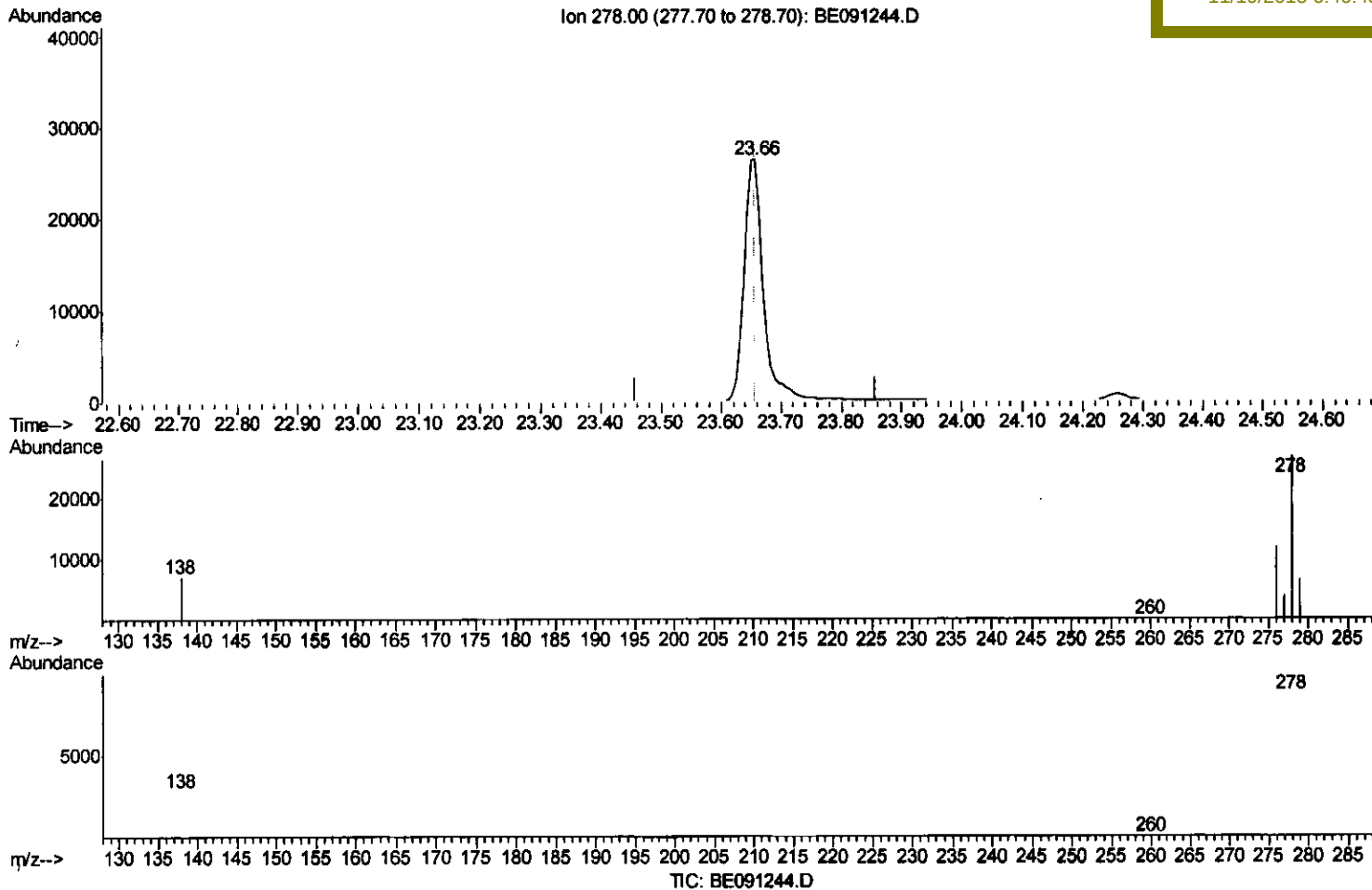
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Mmdadoda
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(27) Dibenzo(a,h)anthracene

23.656min (-0.001) 0.36ng/ul

response 56226

Ion	Exp%	Act%
278.00	100	100
139.00	27.10	0.00#
279.00	27.40	24.46
0.00	0.00	0.00

Quantitation Report (Qedit)

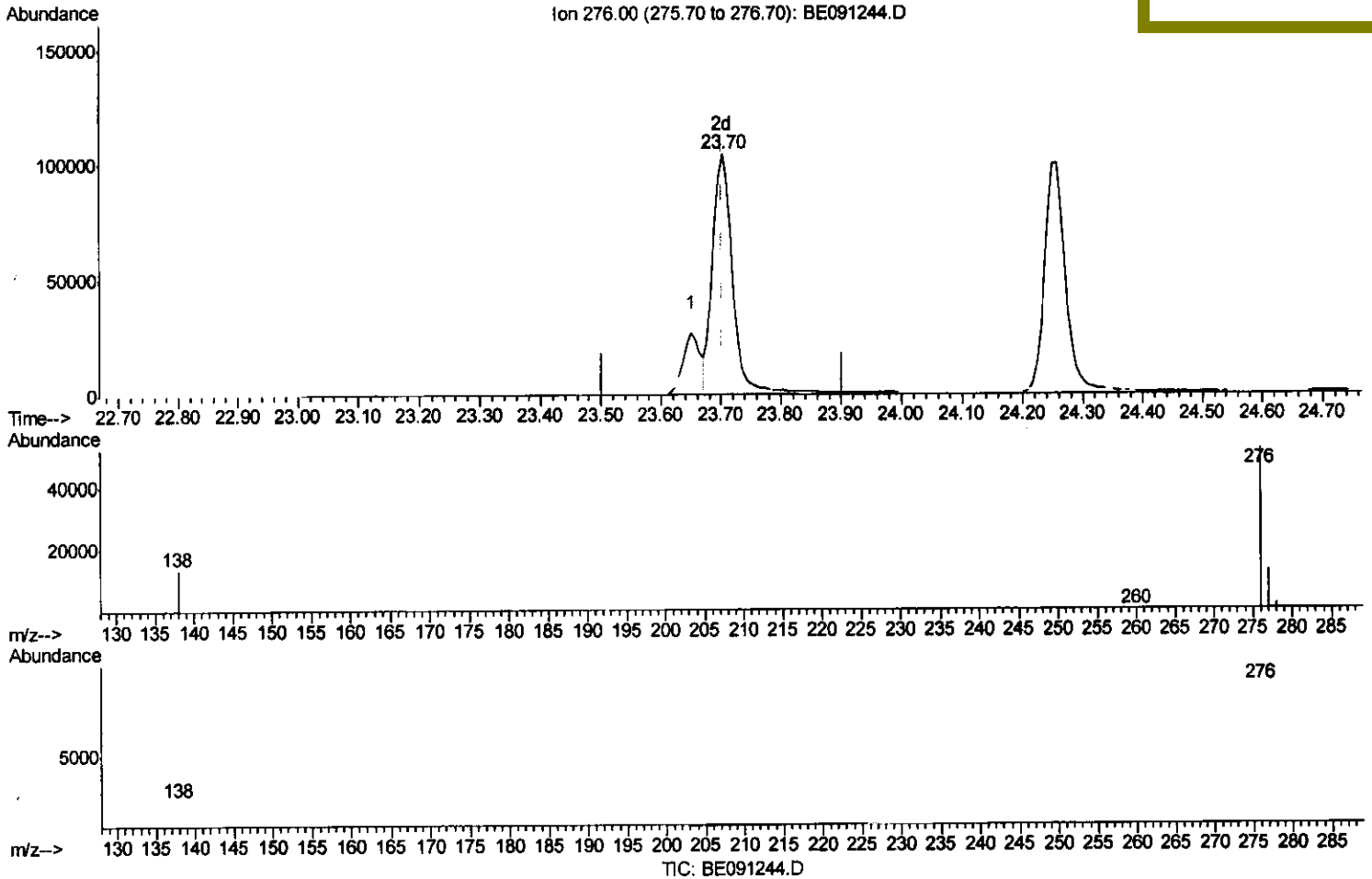
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Manual Integrations
 APPROVED

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(26) Indeno(1,2,3-cd)pyrene

23.702min (-0.001) 0.35ng/ul m

response 230689

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	13.20#
277.00	24.10	6.78#
0.00	0.00	0.00

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Quantitation Report (Qedit)

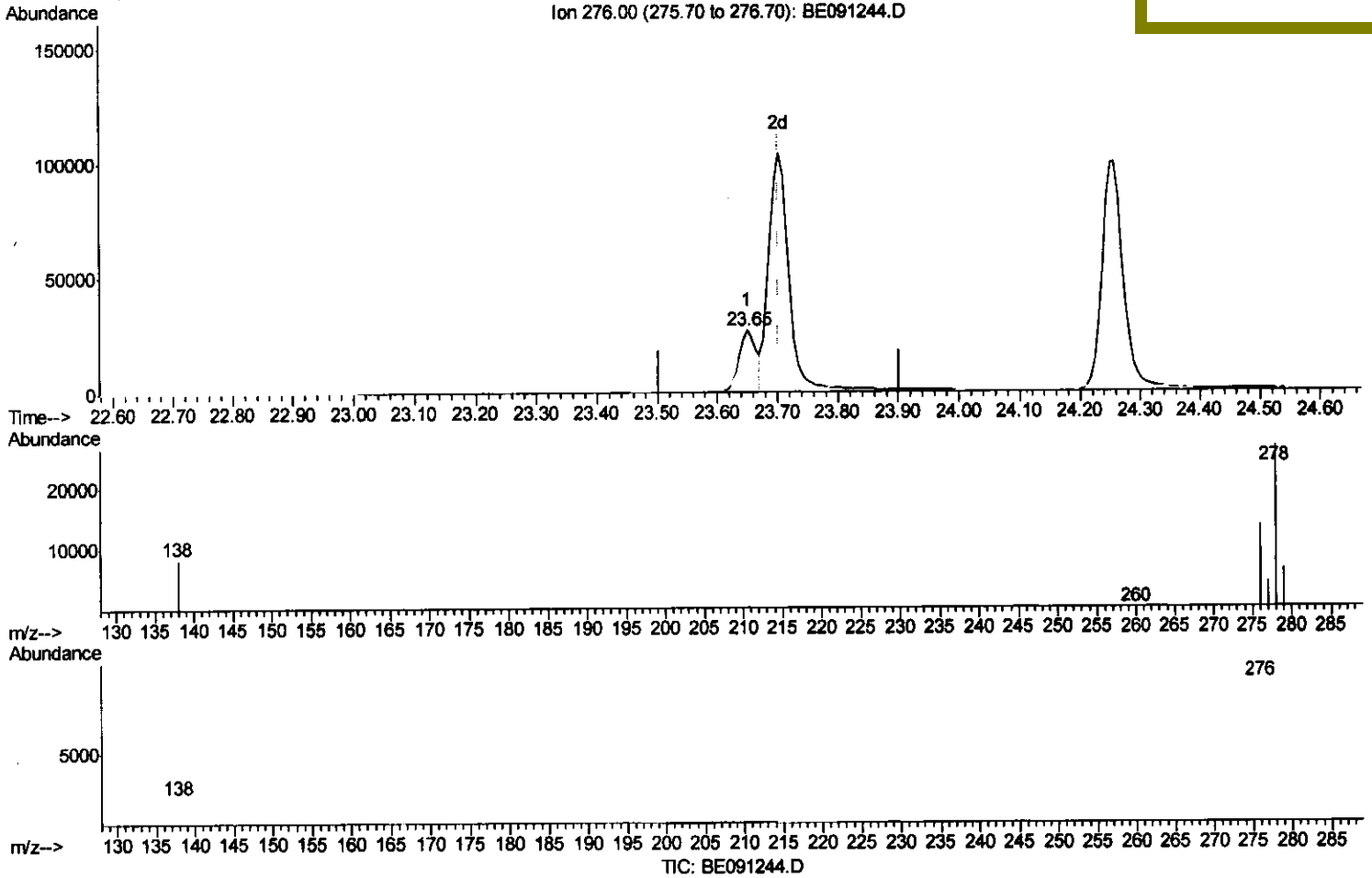
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
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(26) Indeno(1,2,3-cd)pyrene

23.650min (-0.053) 0.08ng/ul

response 52420

Ion	Exp%	Act%
276.00	100	100
138.00	34.40	58.10#
277.00	24.10	29.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

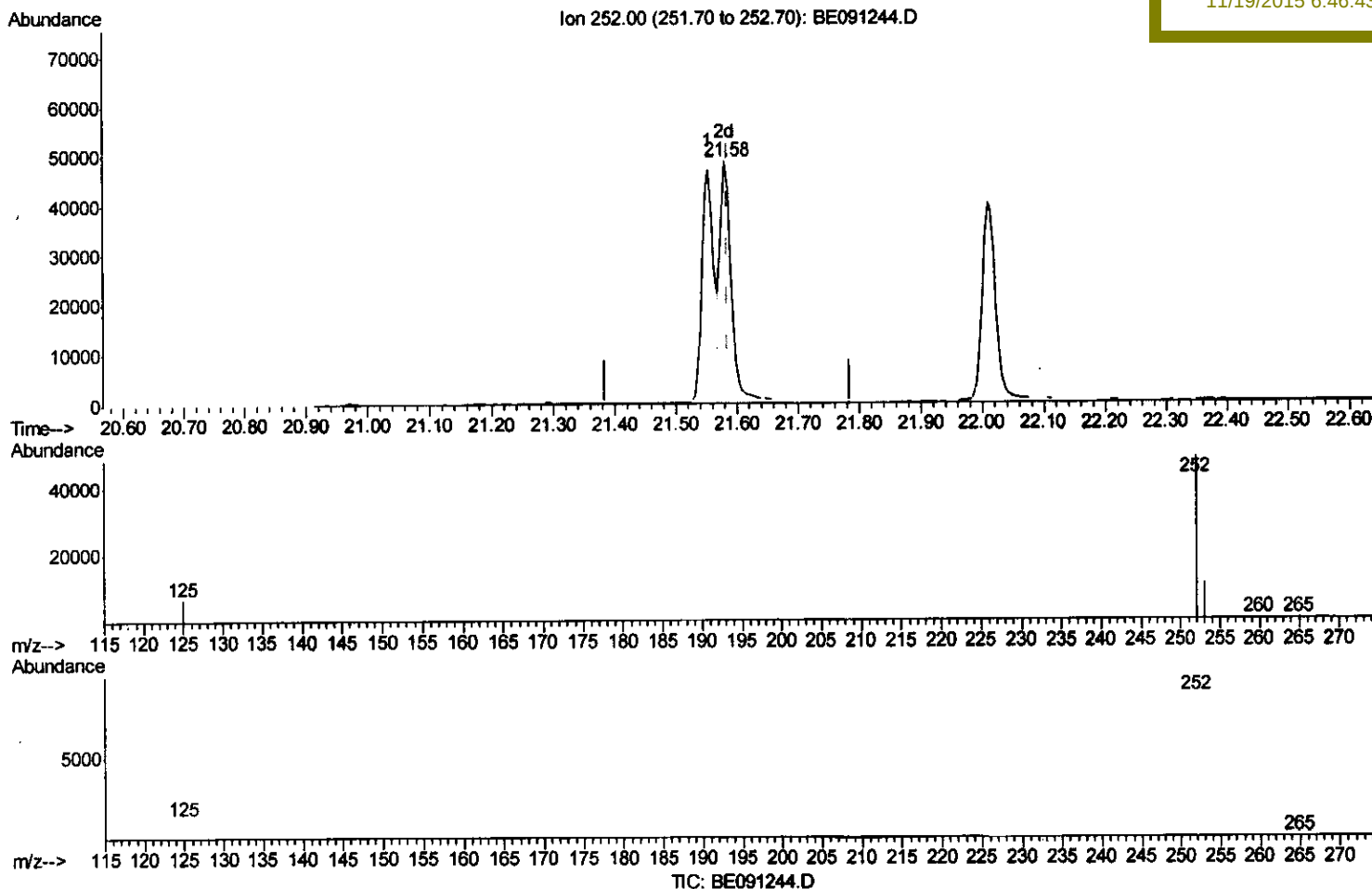
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
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(24) Benzo(k)fluoranthene

21.580min (-0.003) 0.36ng/ul m

response 62674

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.11
125.00	15.30	13.57
0.00	0.00	0.00

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Quantitation Report (Qedit)

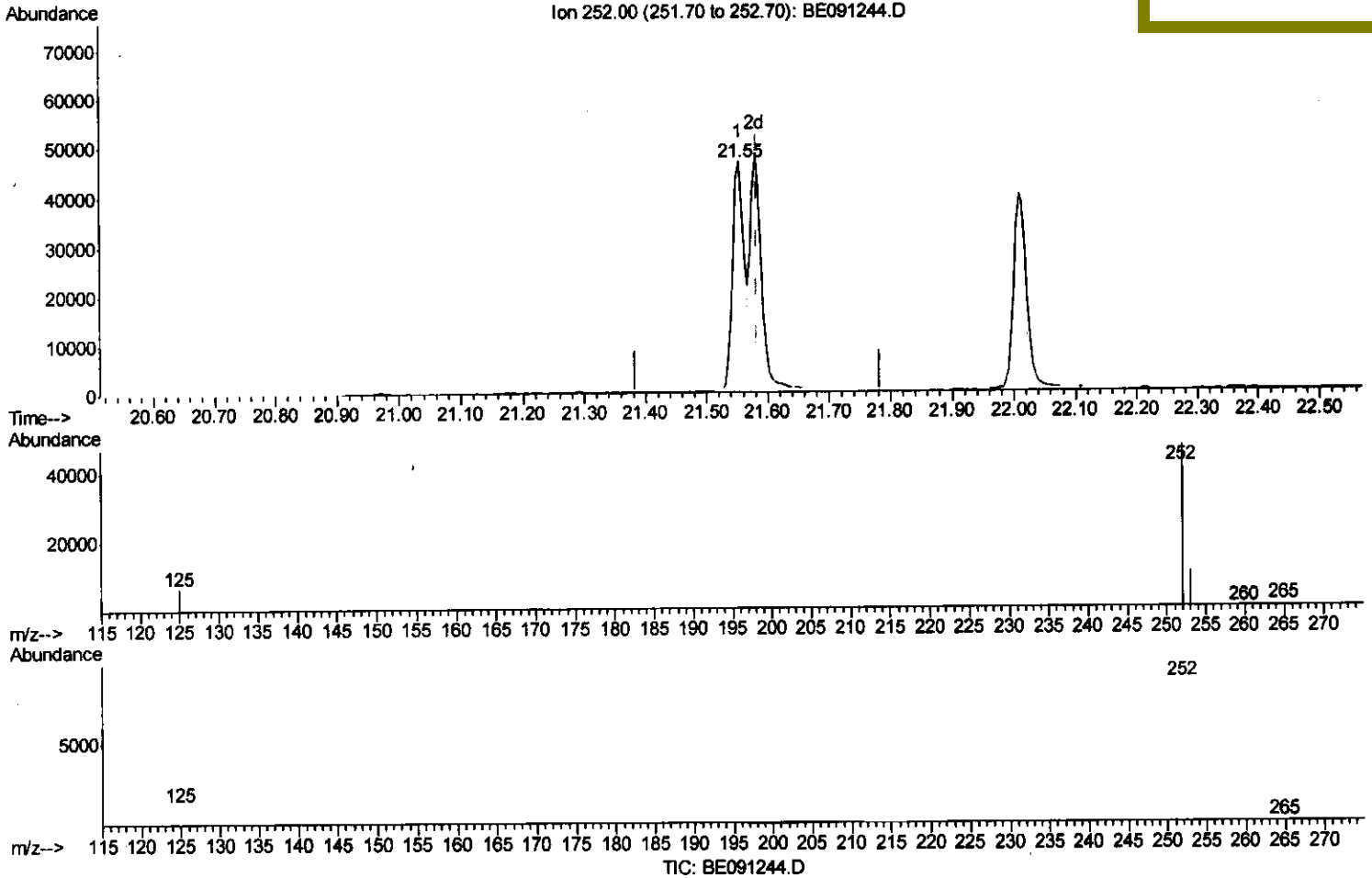
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 07:09:35 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
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(24) Benzo(k)fluoranthene

21.553min (-0.031) 0.36ng/ul

response 62036

Ion	Exp%	Act%
252.00	100	100
253.00	26.00	22.30
125.00	15.30	13.83
0.00	0.00	0.00

Quantitation Report (Qedit)

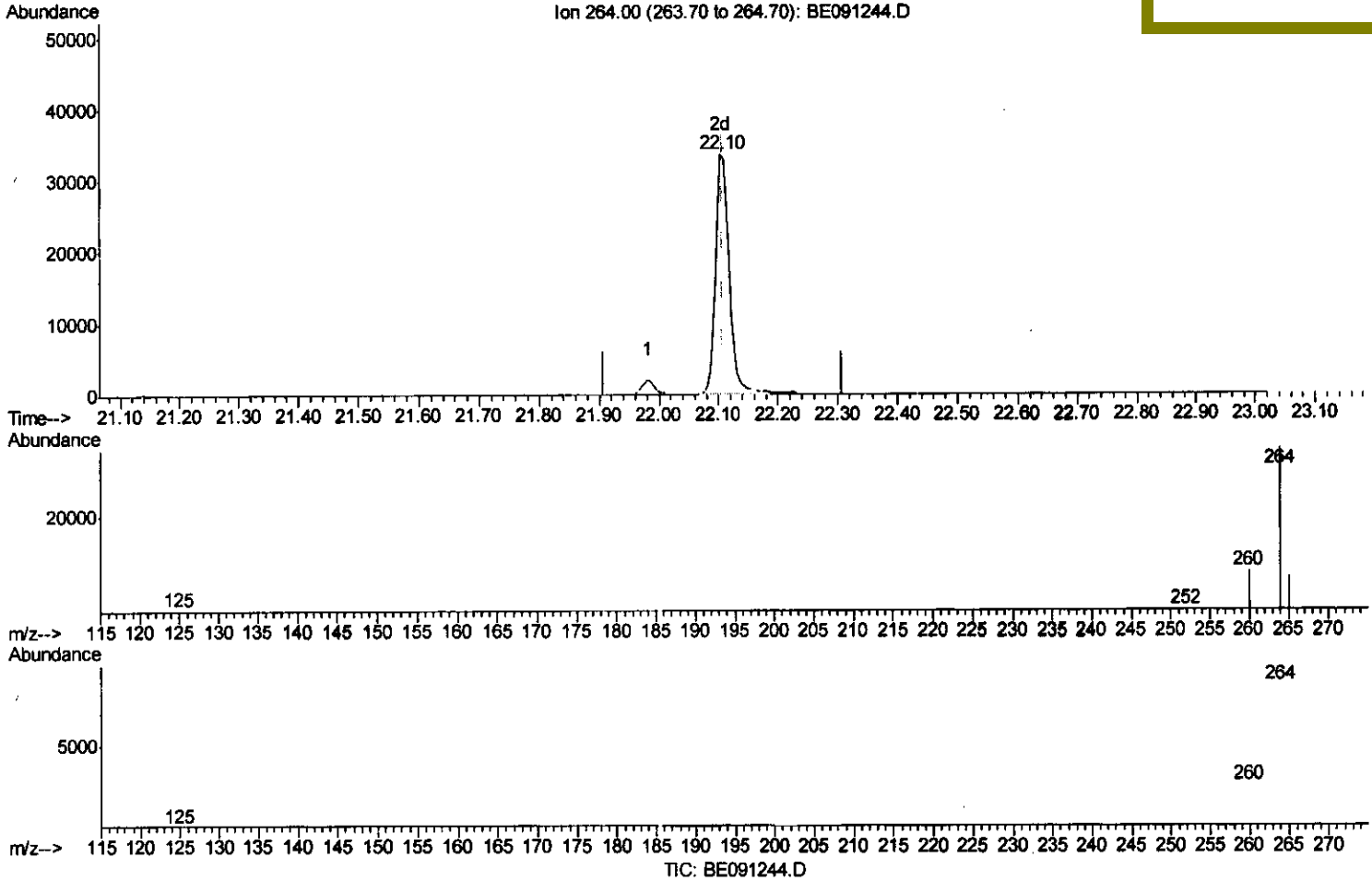
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 06:08:03 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
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(22) Perylene-d12 (I)

22.104min (-0.003) 0.40ng/ul m

response 53722

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.99
265.00	34.70	21.98#
0.00	0.00	0.00

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Quantitation Report (Qedit)

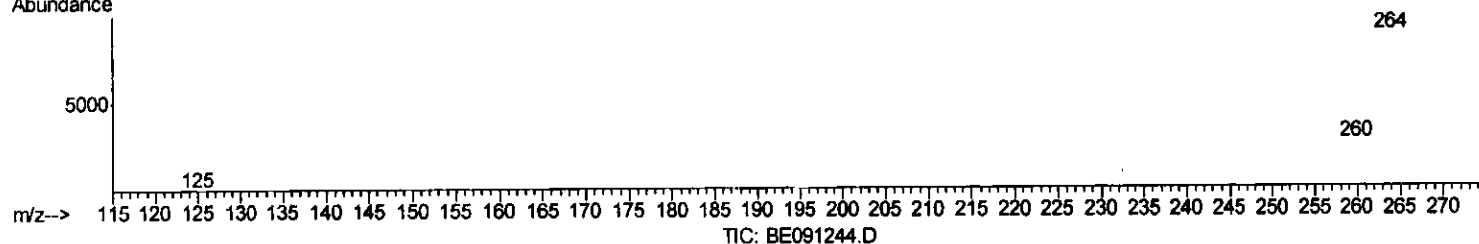
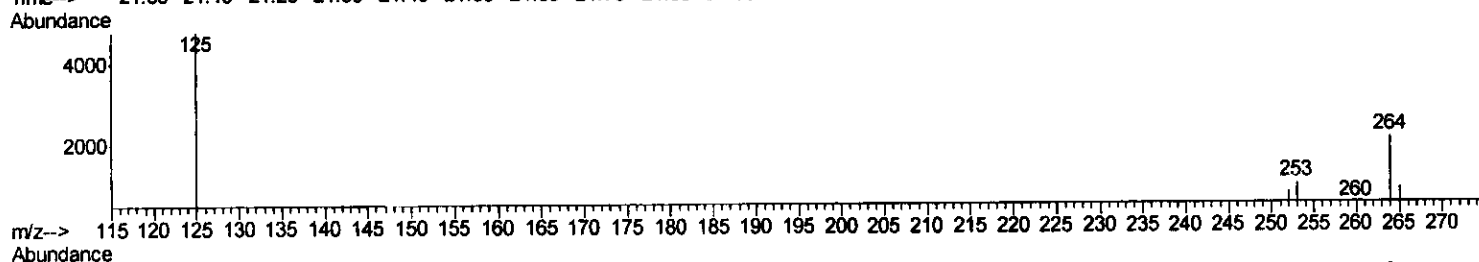
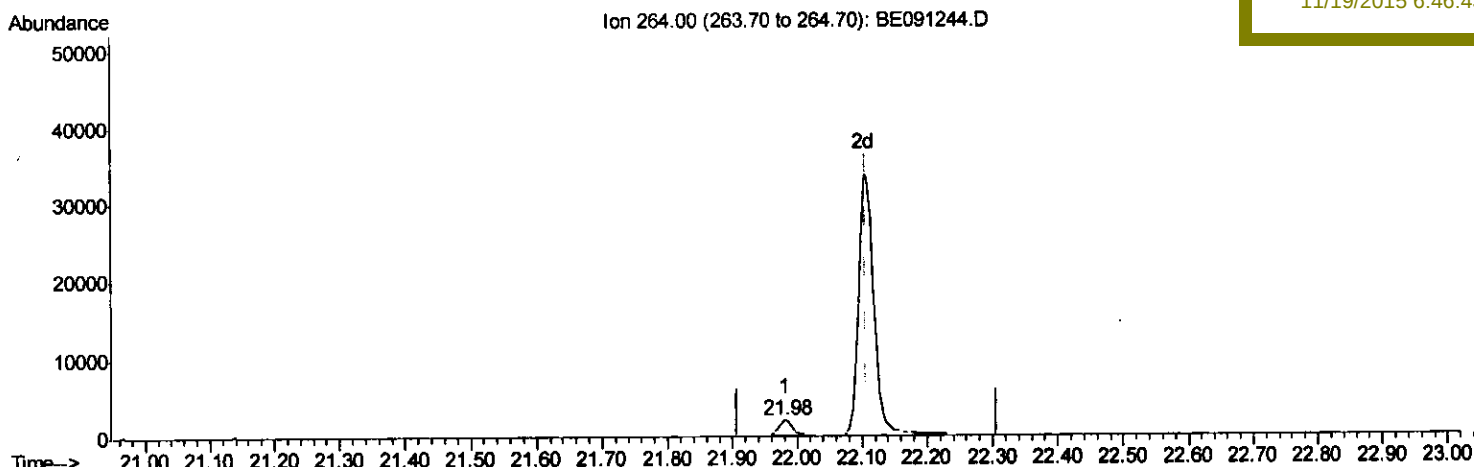
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
 Data File : BE091244.D
 Acq On : 19 Nov 2015 1:49
 Operator : UM/NP
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 LabSampleId :
 SSTD0.475

Quant Time: Nov 19 06:08:03 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 19 06:02:12 2015
 Response via : Initial Calibration

Manual Integrations
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(22) Perylene-d12 (I)

21.981min (-0.126) 0.40ng/ul

response 2852

Ion	Exp%	Act%
264.00	100	100
260.00	28.90	24.11
265.00	34.70	41.16
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111815\
Data File : BE091244.D
Acq On : 19 Nov 2015 1:49
Operator : UM/NP
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 07:12:26 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM02.2-EPA-SIM-BE102715.M
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Instrument :
BNA_E
LabSampleId :
SSTD0.475

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	6786	0.40	ng/ul	-0.03
4) Naphthalene-d8	9.55	136	36416	0.40	ng/ul	-0.02
8) Acenaphthene-d10	13.36	164	20813	0.40	ng/ul	0.00
12) Phenanthrene-d10	16.09	188	51915	0.40	ng/ul	0.00
18) Chrysene-d12	20.22	240	57524	0.40	ng/ul	0.00
22) Perylene-d12	22.10	264	53722m	0.40	ng/ul	0.00

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System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.96	96	8370	1.71	ng/uL	-0.03
6) 2-Methylnaphthalene-d10	11.05	152	20052	0.40	ng/ul	-0.02
16) Fluoranthene-d10	18.07	212	55646	0.38	ng/ul	0.00

Target Compounds						Qvalue
3) 1,4-Dioxane	2.98	88	8970	1.63	ng/ul#	73
5) Naphthalene	9.59	128	35117	0.39	ng/ul	98
7) 2-Methylnaphthalene	11.12	142	23669	0.40	ng/ul	90
9) Acenaphthylene	13.11	152	40593	0.39	ng/ul	99
10) Acenaphthene	13.42	153	27793	0.39	ng/ul	90
11) Fluorene	14.41	166	34468	0.38	ng/ul	91
13) Pentachlorophenol	15.86	266	3502	0.71	ng/ul	96
14) Phenanthrene	16.12	178	232528	0.39	ng/ul	97
15) Anthracene	16.20	178	228019	0.42	ng/ul	98
17) Fluoranthene	18.10	202	270139	0.39	ng/ul	89
19) Pyrene	18.48	202	269359	0.41	ng/ul#	79
20) Benzo(a)anthracene	20.19	228	62729	0.42	ng/ul	99
21) Chrysene	20.26	228	65004	0.38	ng/ul	98
23) Benzo(b)fluoranthene	21.55	252	62036	0.37	ng/ul	94
24) Benzo(k)fluoranthene	21.58	252	62674m	0.36	ng/ul	
25) Benzo(a)pyrene	22.01	252	60403	0.39	ng/ul	93
26) Indeno(1,2,3-cd)pyrene	23.70	276	230689m	0.35	ng/ul	
27) Dibenzo(a,h)anthracene	23.66	278	59758m	0.39	ng/ul	
28) Benzo(g,h,i)perylene	24.26	276	244343m	0.36	ng/ul	

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