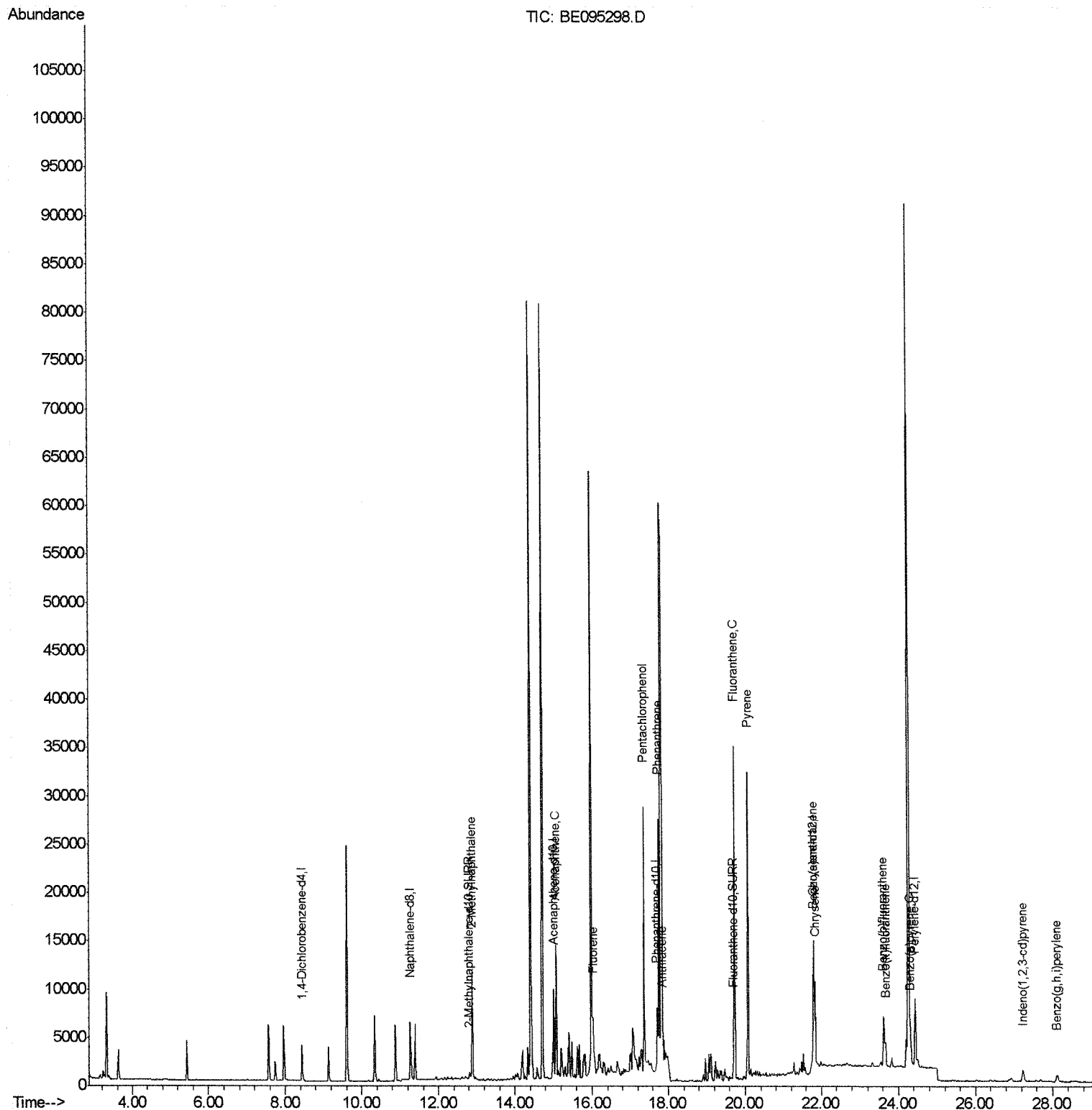


Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

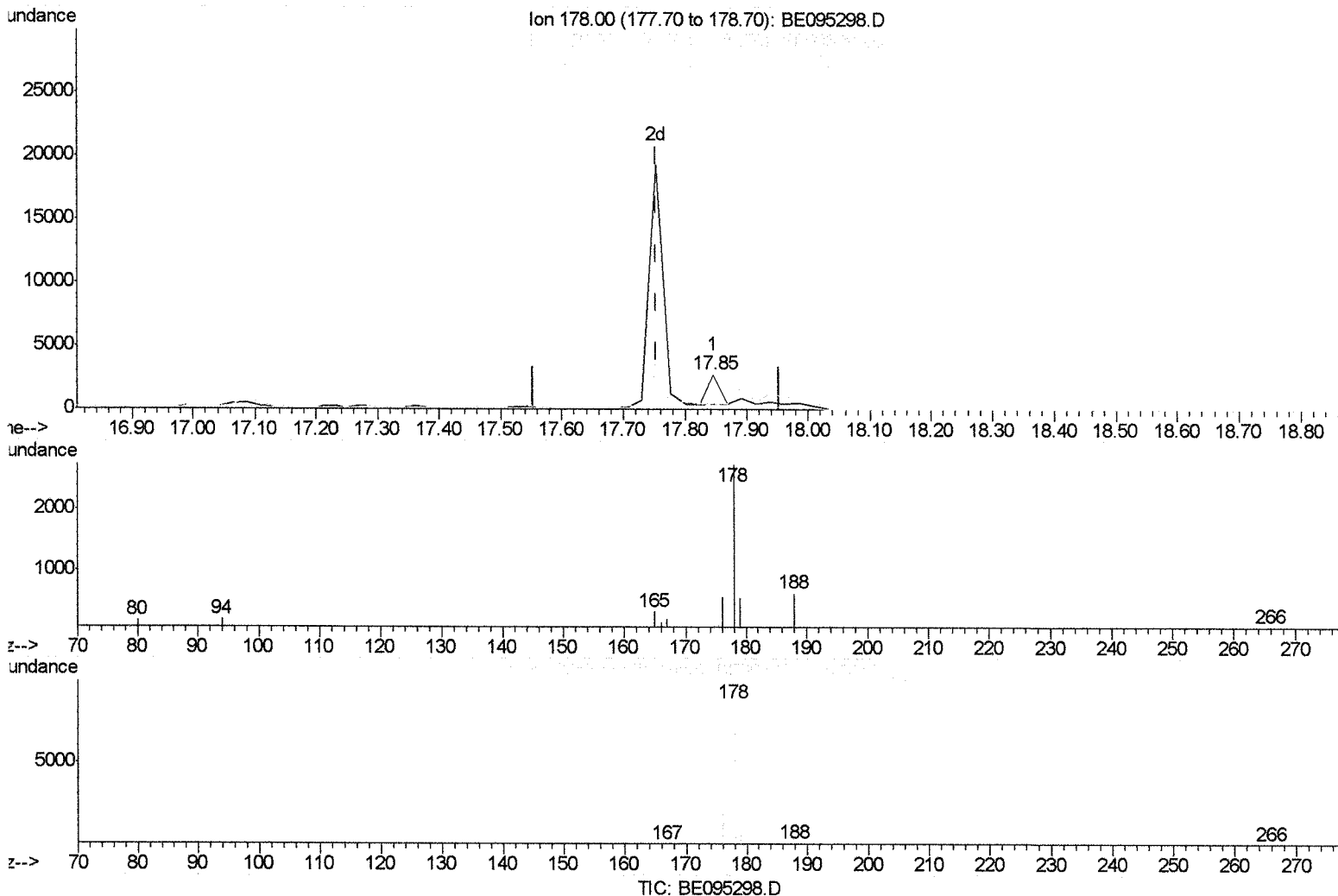
Quant Time: Jan 31 08:06:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 07:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.845min (+0.092) 0.10ng/ui

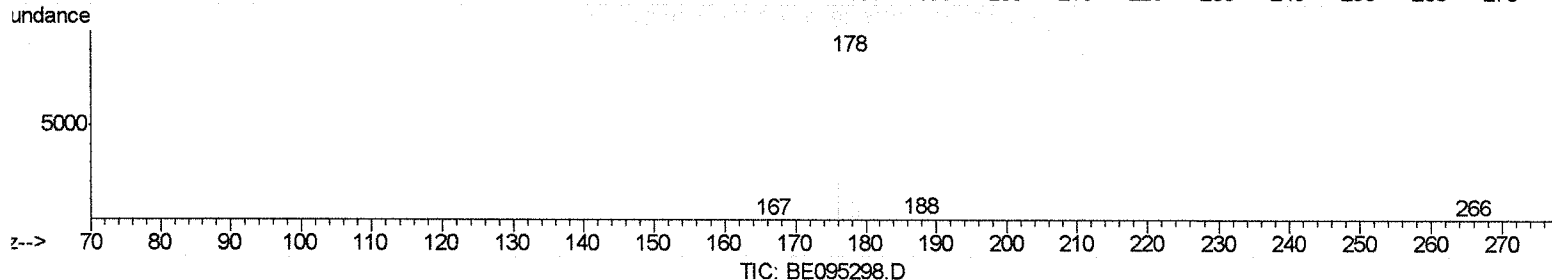
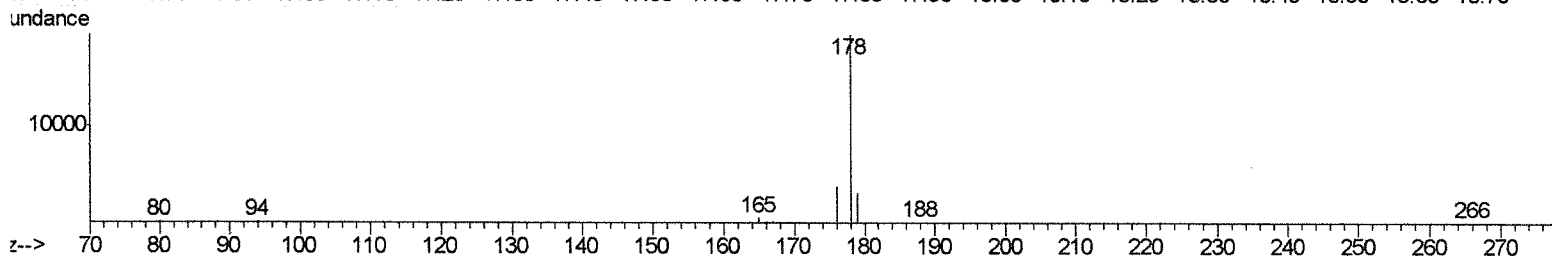
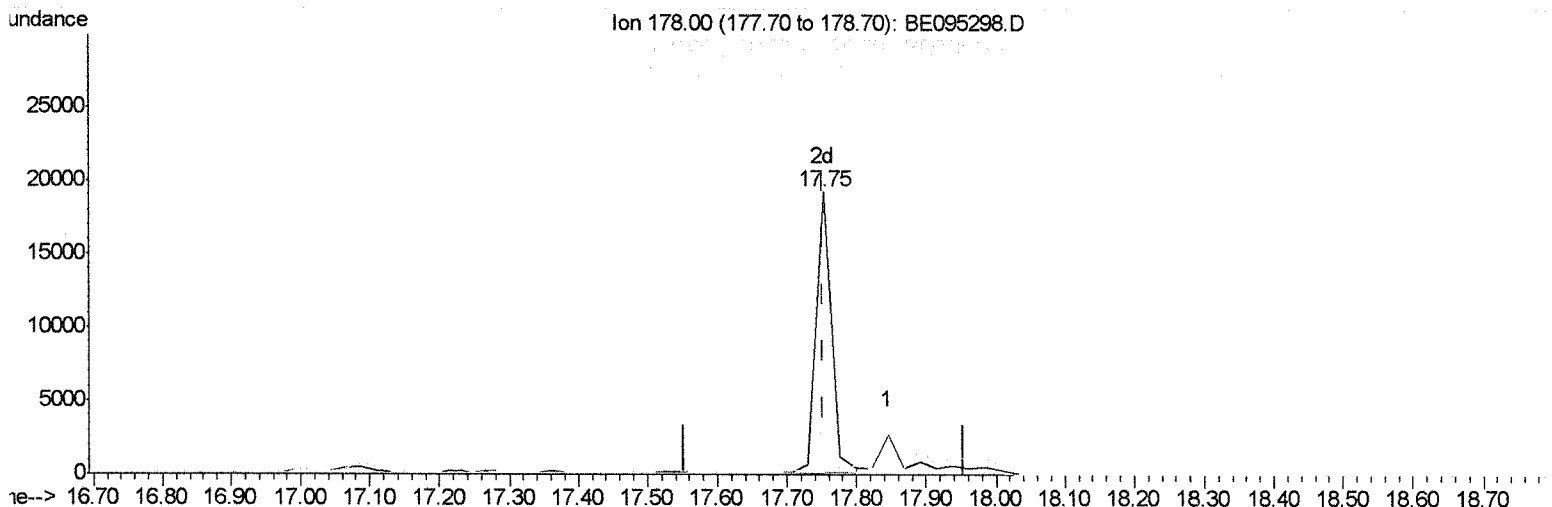
response 3444

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	19.84
176.00	17.00	20.39
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 07:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



(12) Phenanthrene

17.753min (-0.000) 0.84ng/ul m

SJ 2/1/18

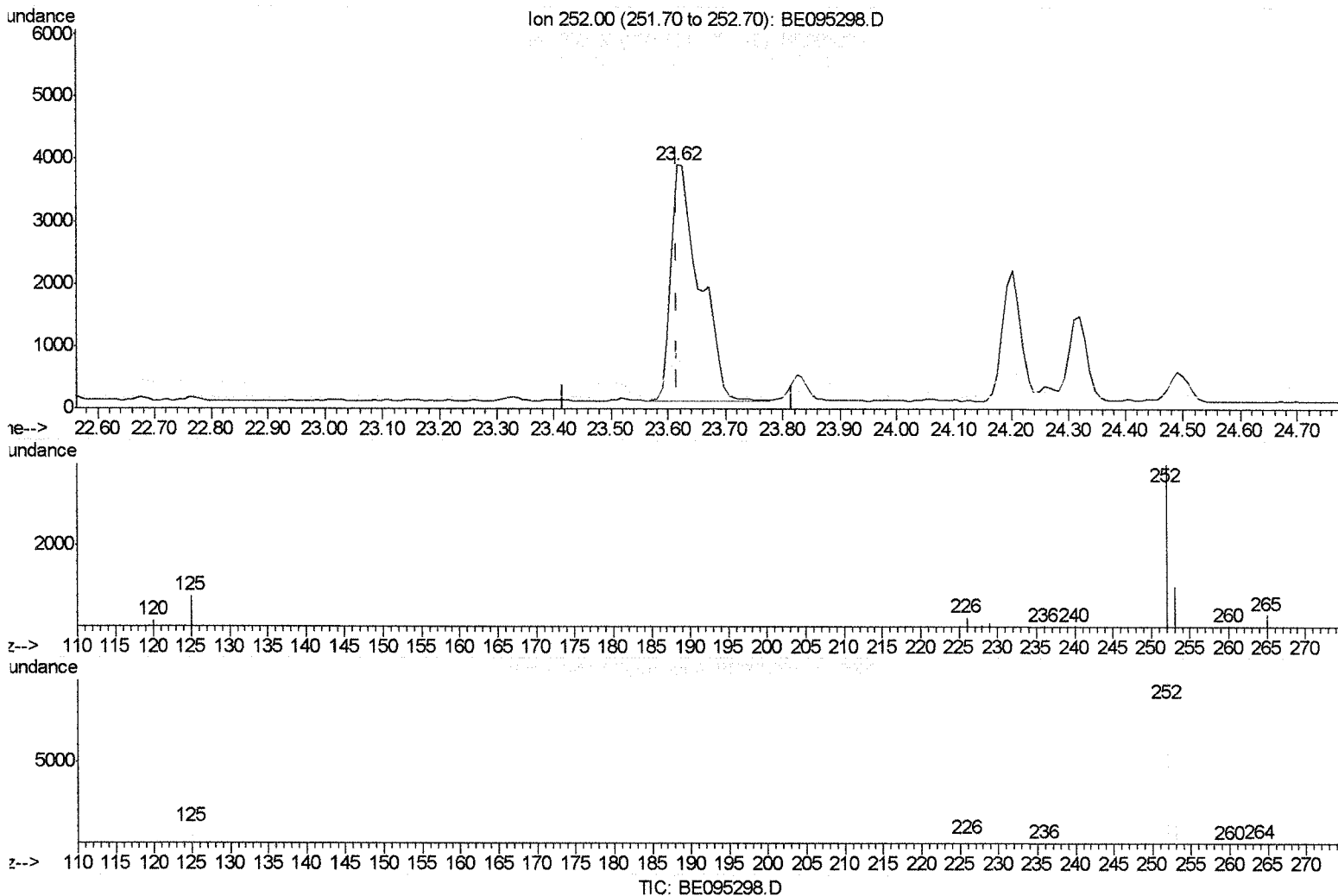
response 29117

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.88#
176.00	17.00	19.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 07:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (+0.000) 0.34ng/ul

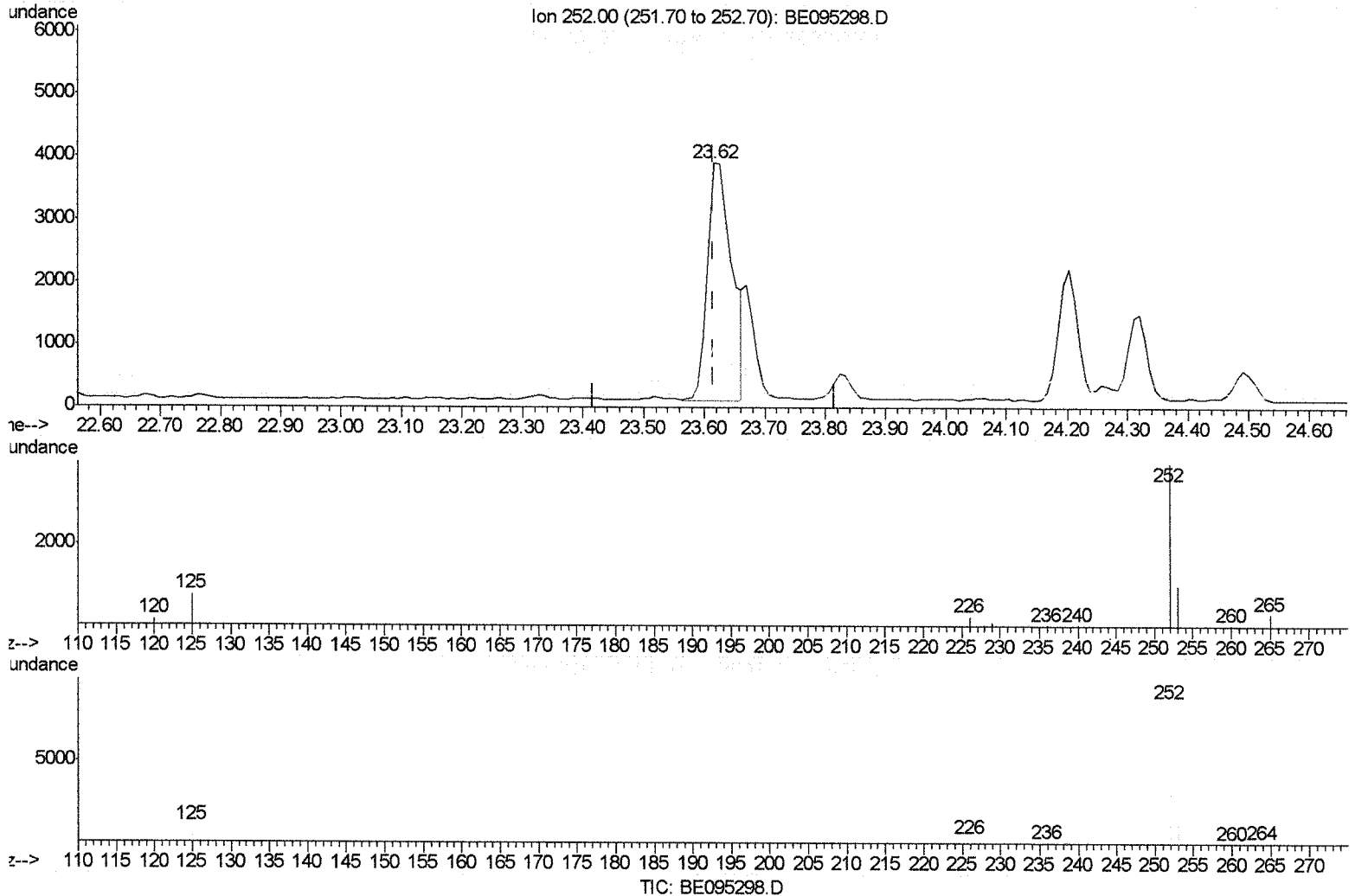
response 13140

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.14
125.00	17.50	20.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 07:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.616min (+0.000) 0.28ng/ul m > 53 2/1/18

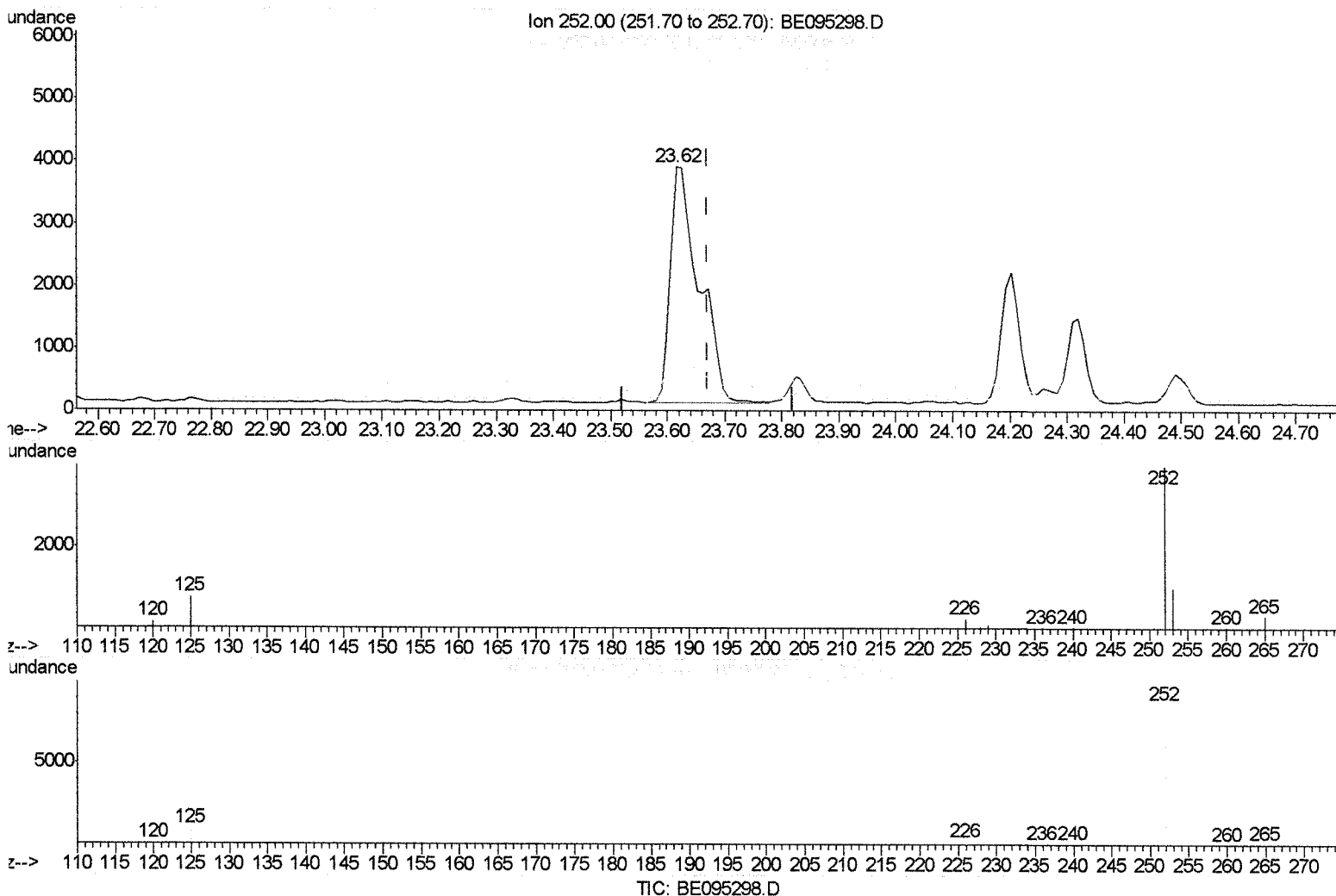
response 10871

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	26.14
125.00	17.50	20.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 07:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.616min (-0.054) 0.37ng/ul

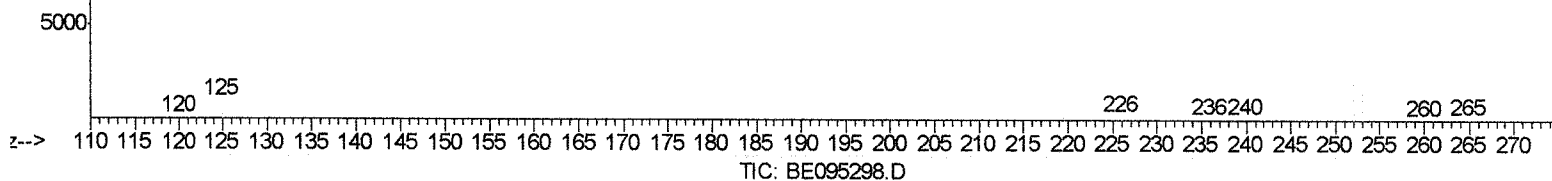
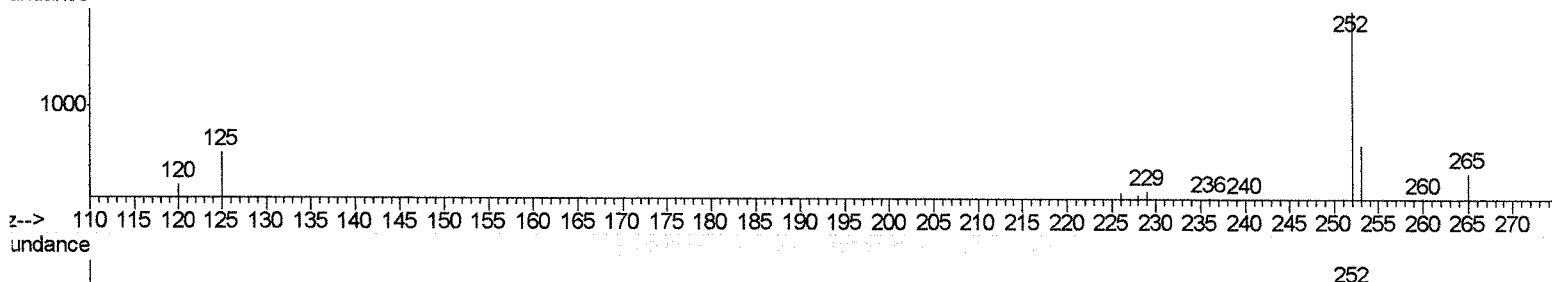
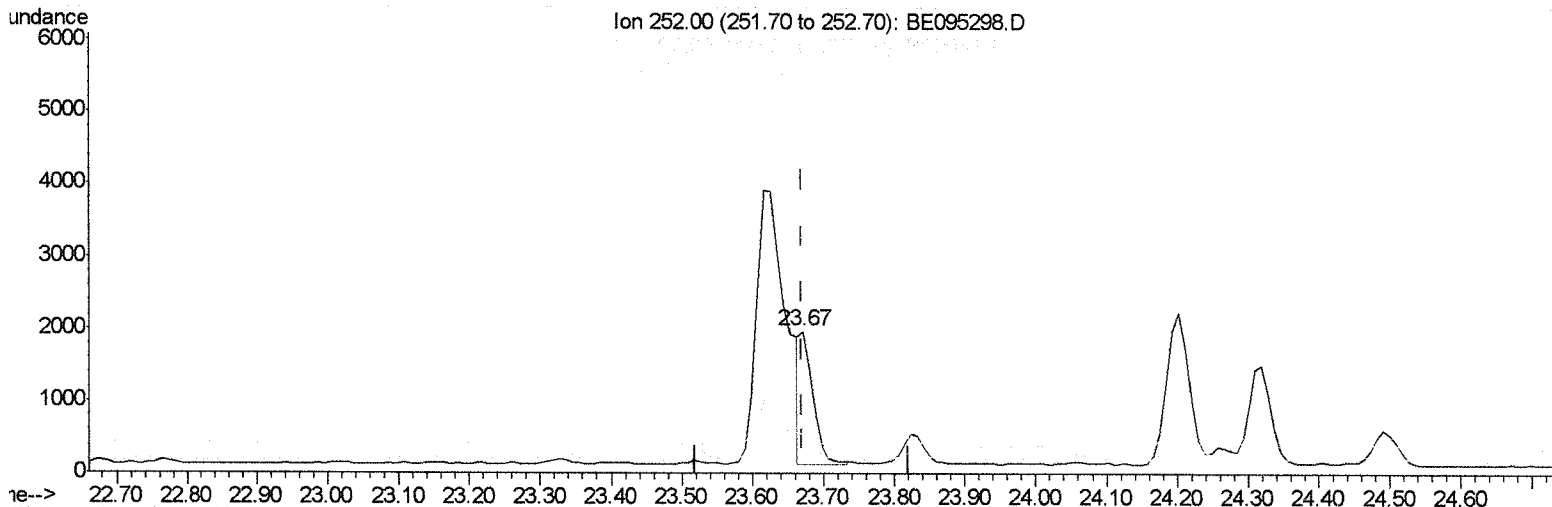
response 13133

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.14
125.00	17.10	20.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 07:51:14 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.670min (+0.000) 0.06ng/ul m) SJ 2/1/18

response 2287

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	31.96
125.00	17.10	27.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE013018\
 Data File : BE095298.D
 Acq On : 31 Jan 2018 3:38
 Operator : SJ/JU
 Sample : J1223-02DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 31 08:06:17 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Jan 31 03:40:45 2018
 Response via : Initial Calibration



Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2549	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7910	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5103	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10309	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11030	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10950	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.81	152	728	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	1981	0.05	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) 2-Methylnaphthalene	12.89	142	8774	0.593	ng/ul	99
8) Acenaphthene	15.08	153	8213	0.431	ng/ul	91
9) Fluorene	16.02	166	4991	0.254	ng/ul#	79
11) Pentachlorophenol	17.36	266	16026	8.026	ng/ul	96
12) Phenanthrene	17.75	178	29117m	0.840	ng/ul	95
13) Anthracene	17.85	178	3282	0.103	ng/ul	95
15) Fluoranthene	19.72	202	39063	0.870	ng/ul	83
17) Pyrene	20.08	202	34337	0.928	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	9064	0.263	ng/ul#	89
19) Chrysene	21.84	228	9740	0.272	ng/ul	94
21) Benzo(b)fluoranthene	23.62	252	10871m	0.281	ng/ul	94
22) Benzo(k)fluoranthene	23.67	252	2287m	0.065	ng/ul	94
23) Benzo(a)pyrene	24.32	252	2998	0.087	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	27.24	276	2249	0.059	ng/ul#	76
26) Benzo(a,h,i)perylene	28.12	276	1759	0.055	ng/ul#	86

SJ 2/1/18

SJ 2/1/18

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