

Quantitation Report (QT Reviewed)

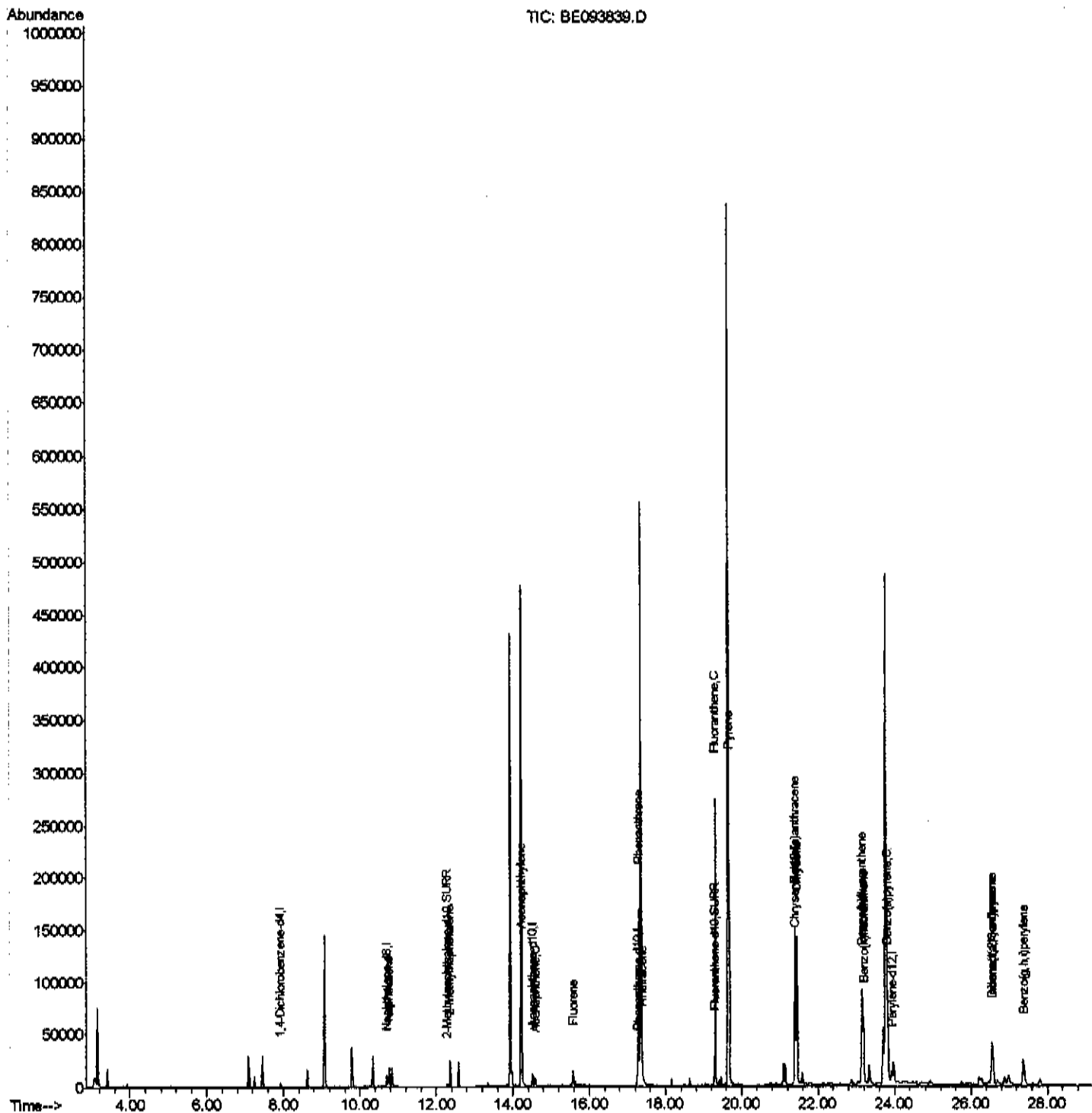
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:10:41 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

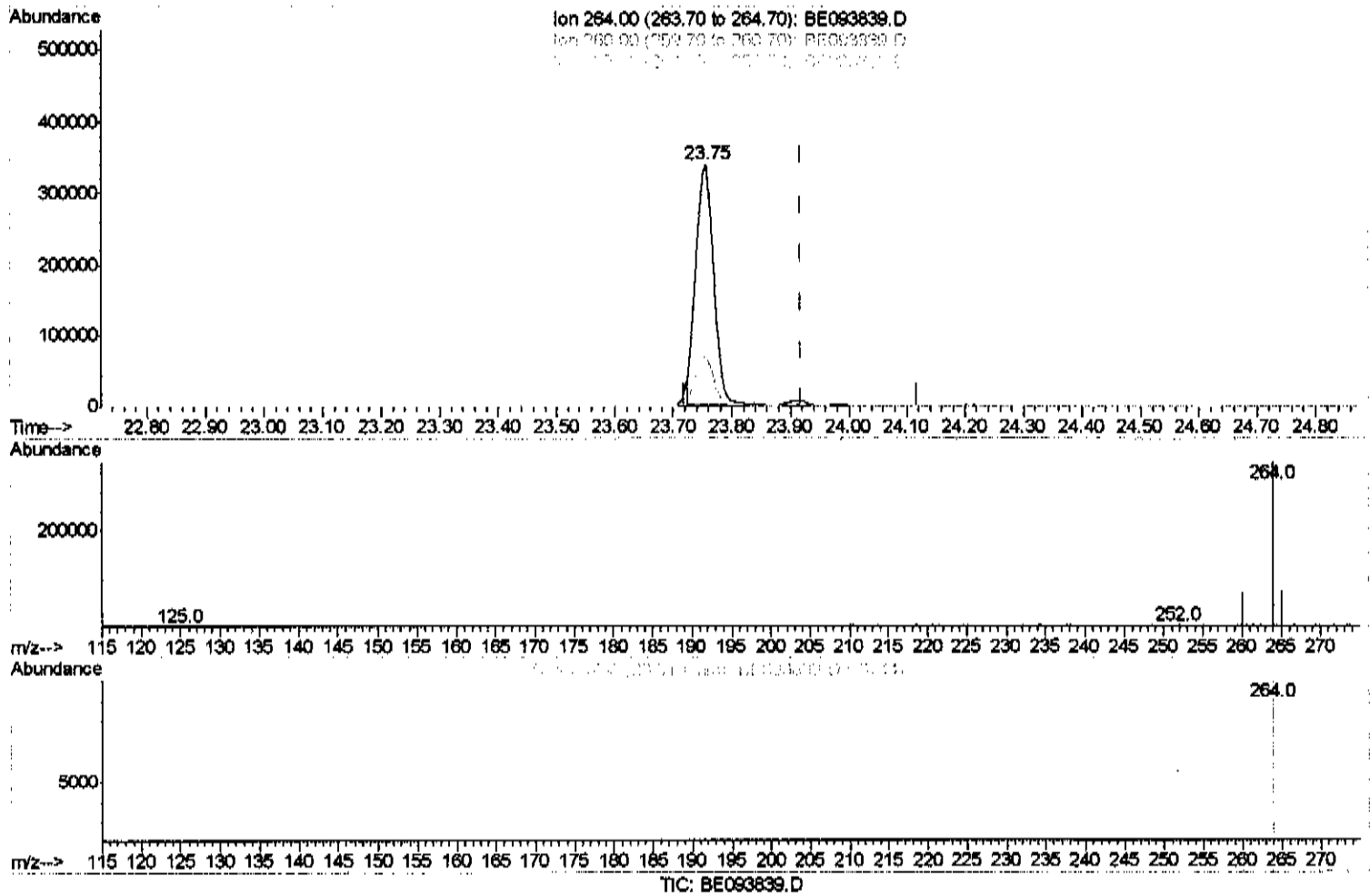
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 00:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.755min (-0.164) 0.40ng/ul

response 708980

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.80%
265.00	103.50	21.63%
0.00	0.00	0.00

Quantitation Report (Qedit)

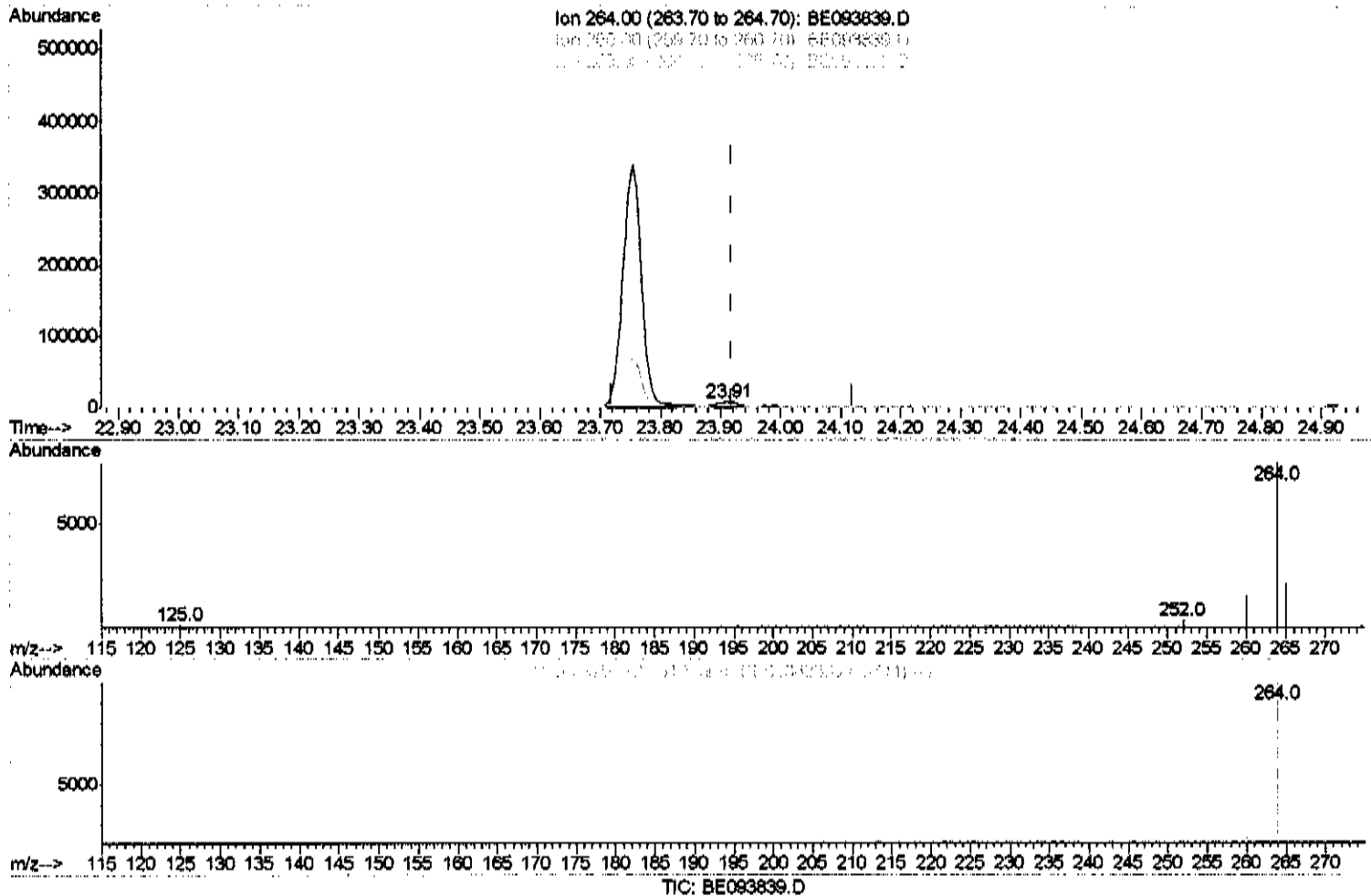
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 00:59:24 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(20) Perylene-d12 (I)

23.910min (-0.009) 0.40ng/ul m

response 14865

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.44
265.00	103.50	32.27#
0.00	0.00	0.00

SJ
 8/17/17

Quantitation Report (Qedit)

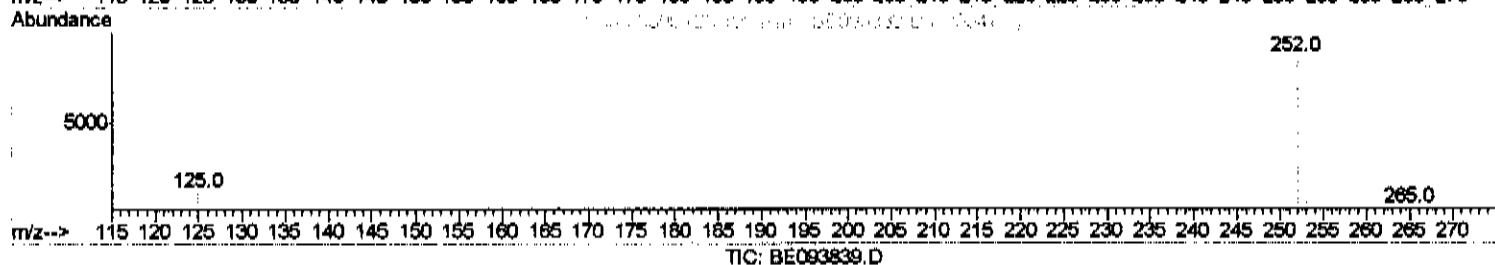
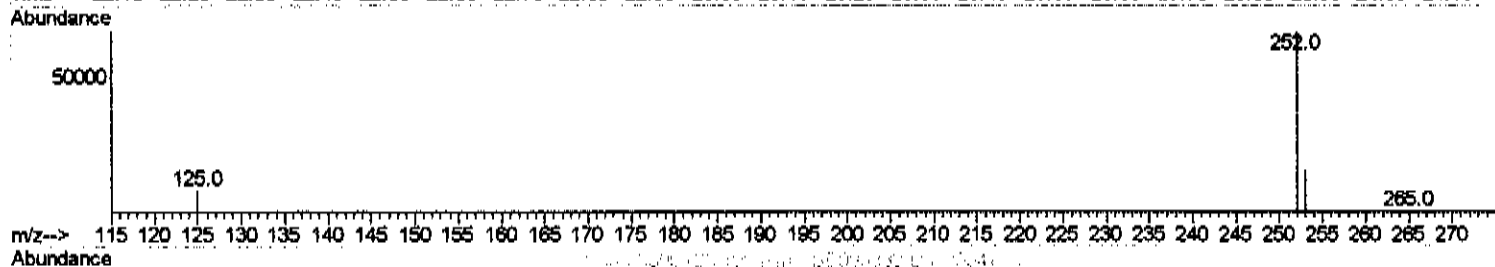
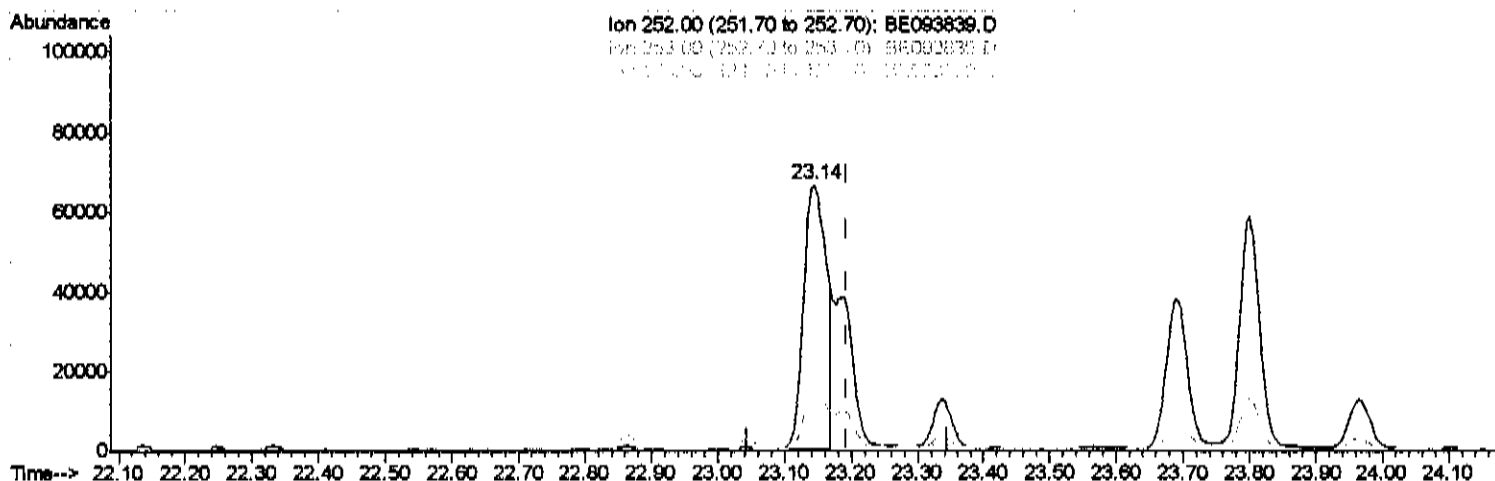
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.145min (-0.050) 3.45ng/ul

response 156229

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.50#
125.00	17.10	12.50#
0.00	0.00	0.00

Quantitation Report (Qedit)

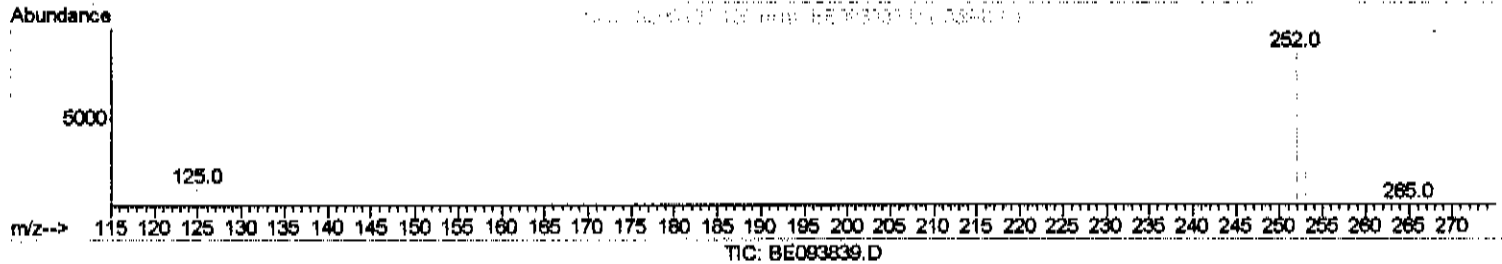
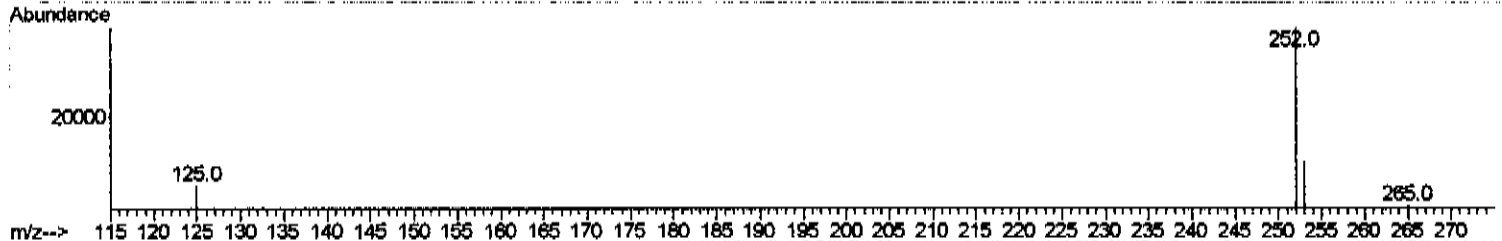
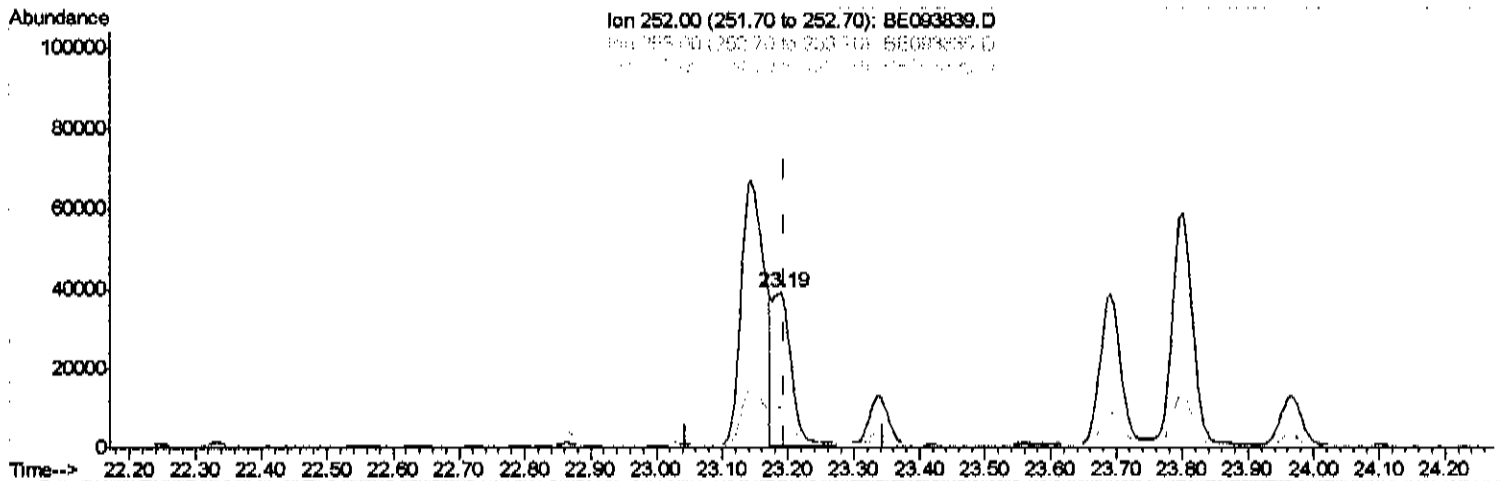
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.190min (-0.005) 1.66ng/ul m

response 75497

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	26.63
125.00	17.10	13.19
0.00	0.00	0.00

SJ
 8/17/17

Quantitation Report (Qedit)

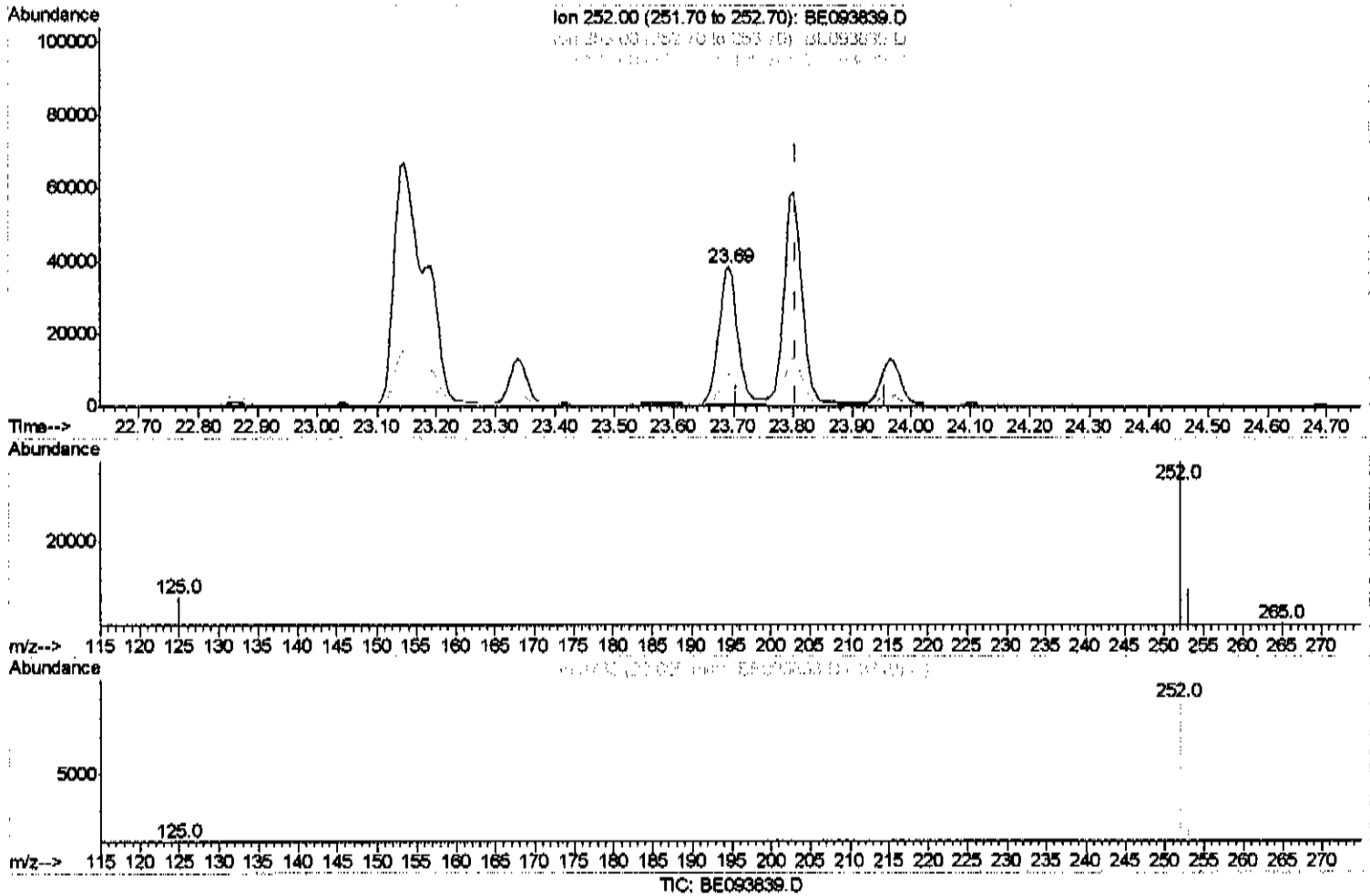
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(23) Benzo(a)pyrene (C)

23.691min (-0.114) 1.94ng/ul

response 84832

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.36%
125.00	22.60	17.40%
0.00	0.00	0.00

Quantitation Report (Qedit)

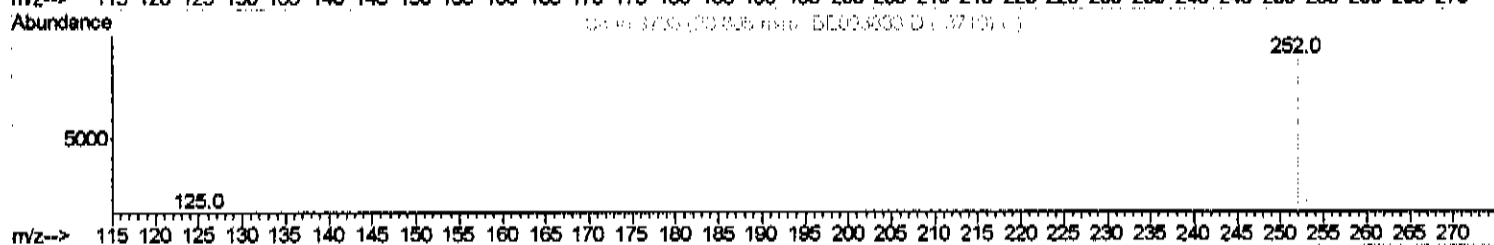
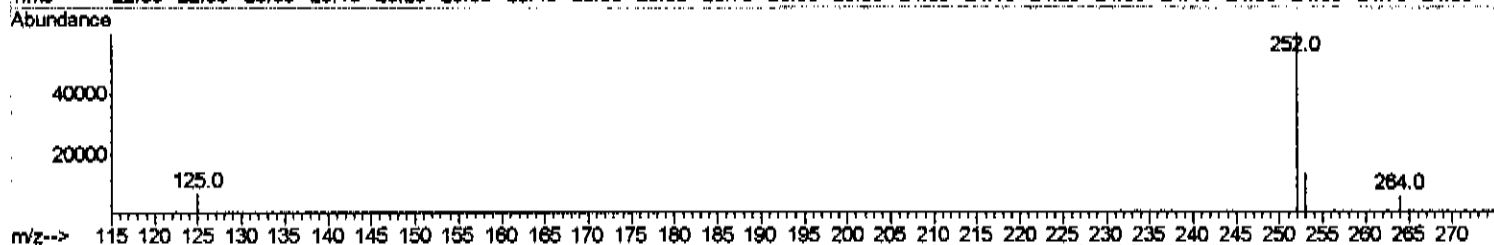
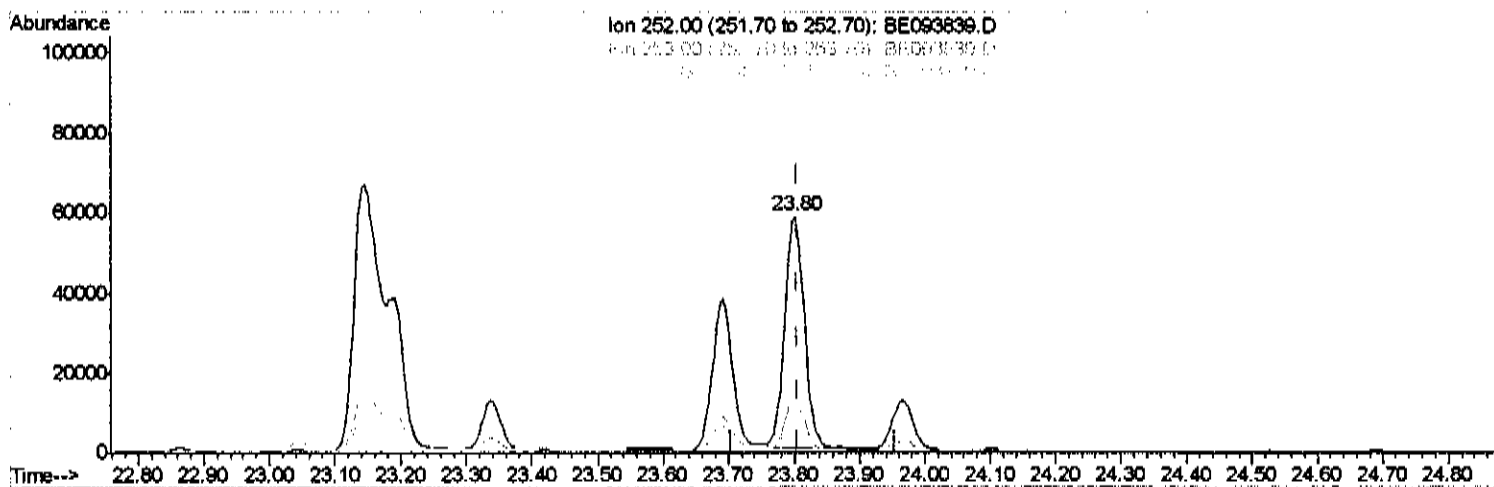
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 Client Sampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



TIC: BE093839.D

(23) Benzo(a)pyrene (C)

23.801min (-0.005) 2.73ng/ul m

response 119342

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.08#
125.00	22.60	13.35#
0.00	0.00	0.00

Quantitation Report (Qedit)

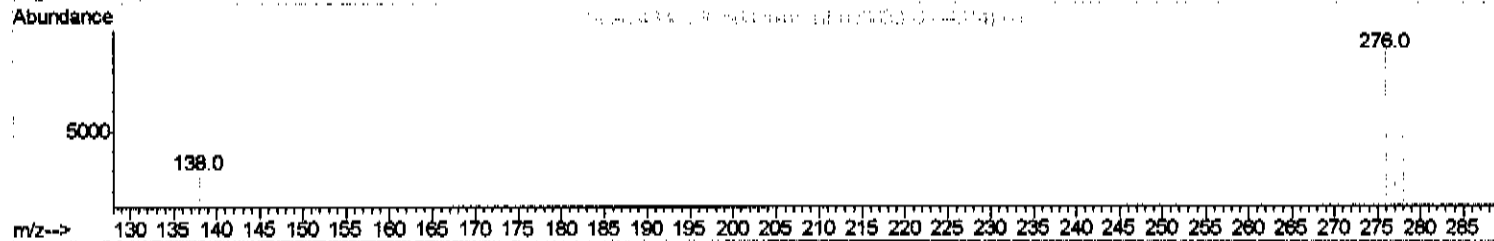
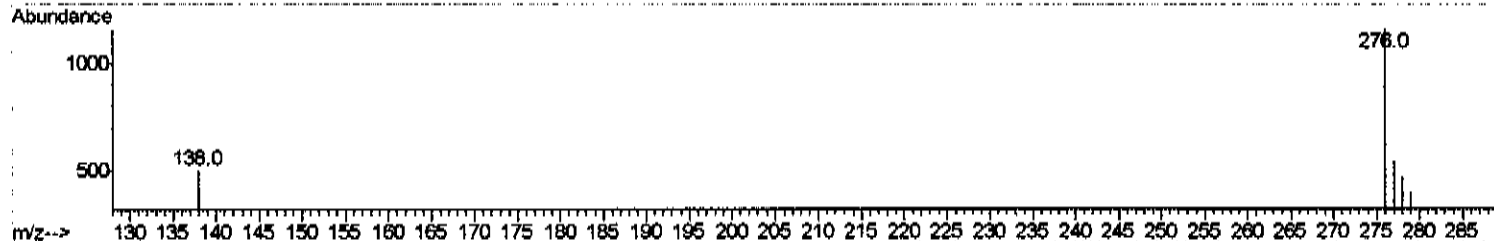
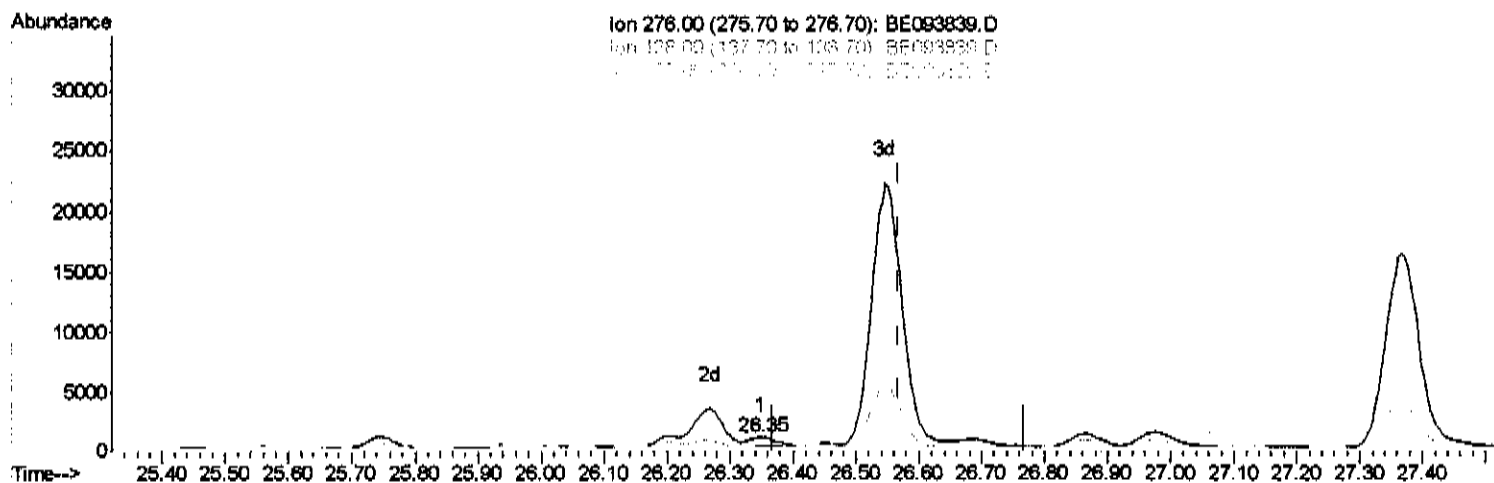
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



TIC: BE093839.D

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

26.350min (-0.218) 0.04ng/ul

response 2095

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00%
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

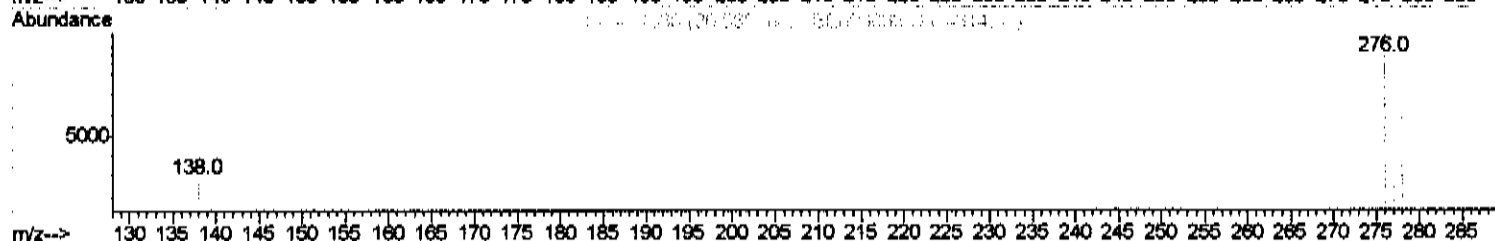
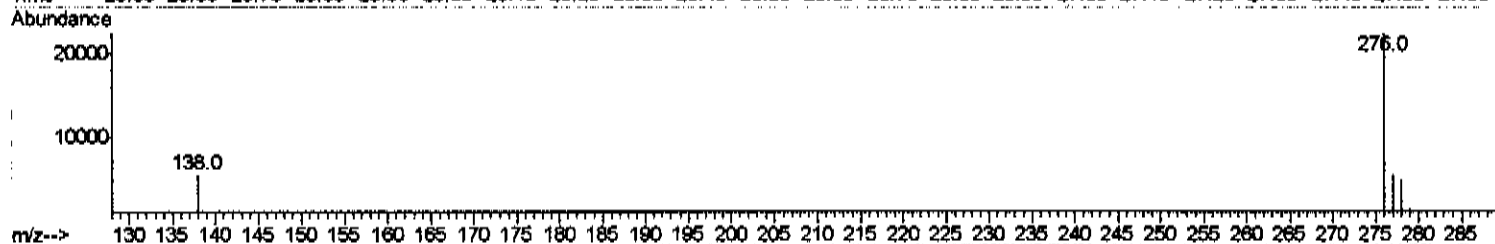
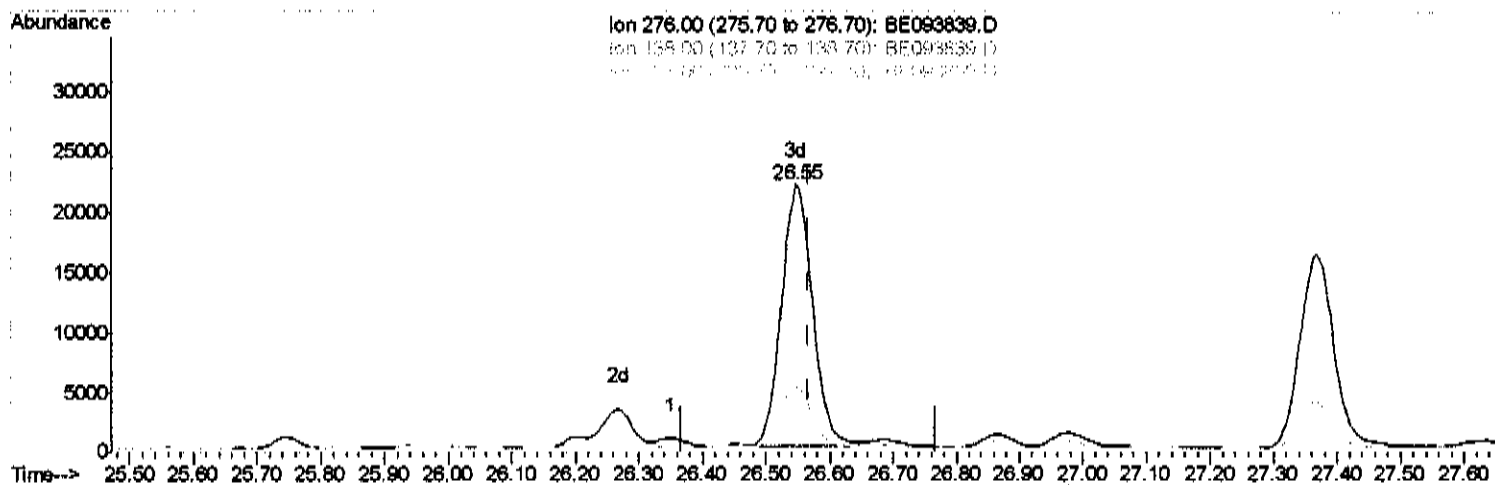
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



TIC: BE093839.D

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

26.546min (-0.022) 1.53ng/ul m

response 74066

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.00#
227.00	10.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

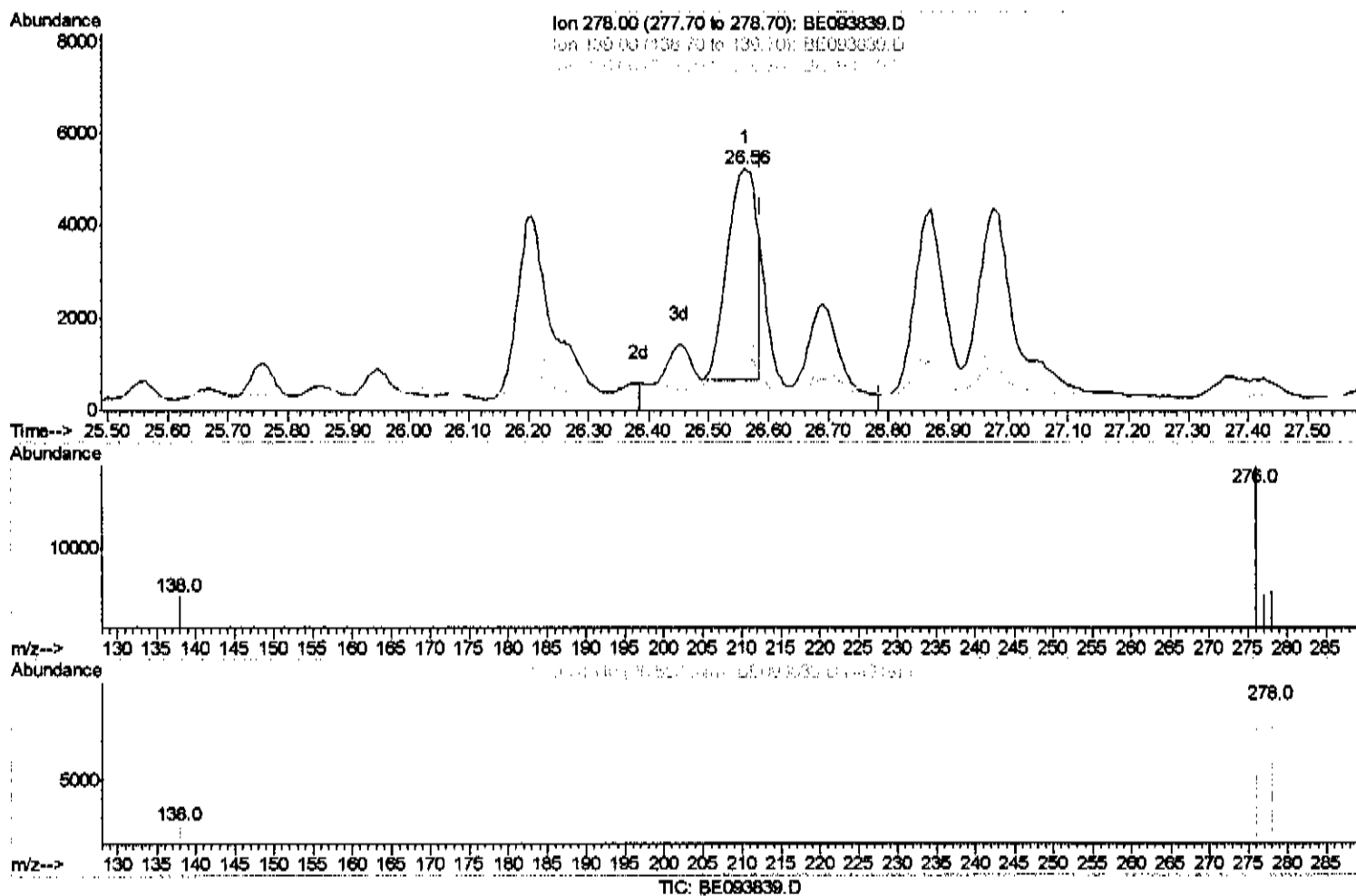
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

26.560min (-0.026) 0.38ng/ul

response 15255

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	23.25
279.00	32.40	28.45
0.00	0.00	0.00

Quantitation Report (Qedit)

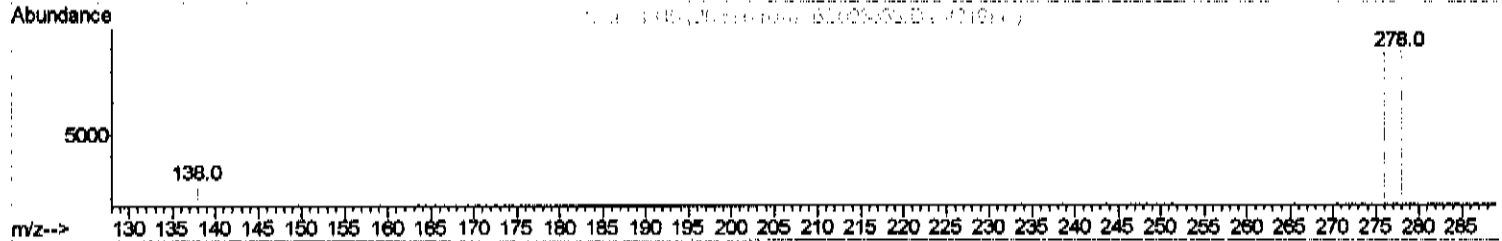
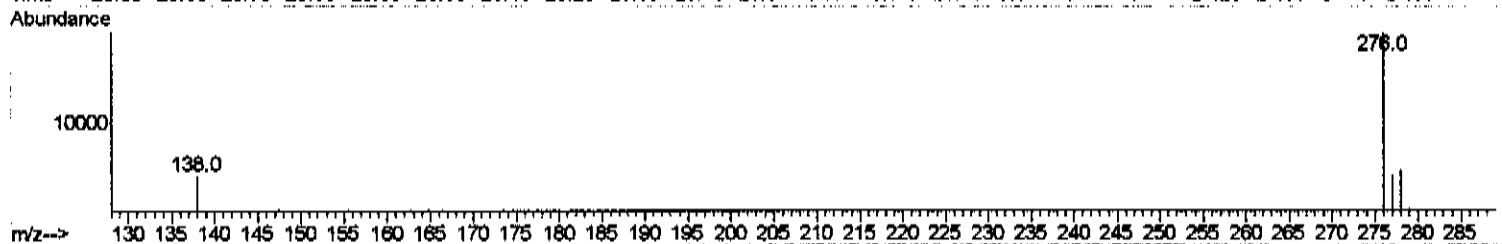
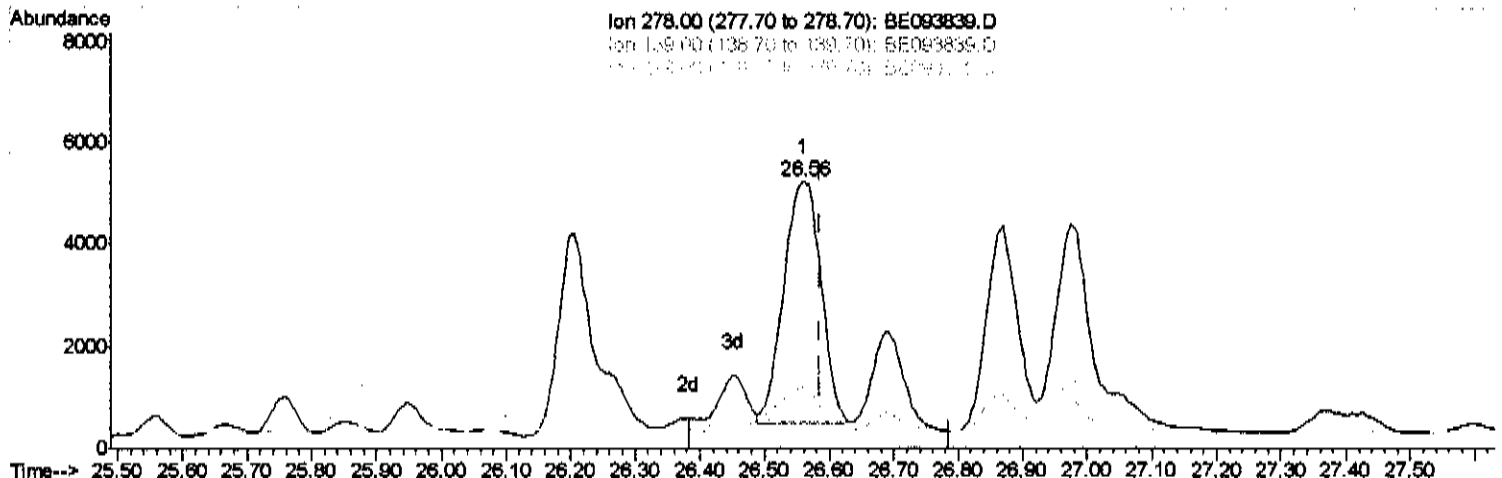
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



TIC: BE093839.D

(25) Dibenzo(a,h)anthracene

26.560min (-0.026) 0.47ng/ul m

response 19037

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	23.25
279.00	32.40	28.45
0.00	0.00	0.00

Quantitation Report (Qedit)

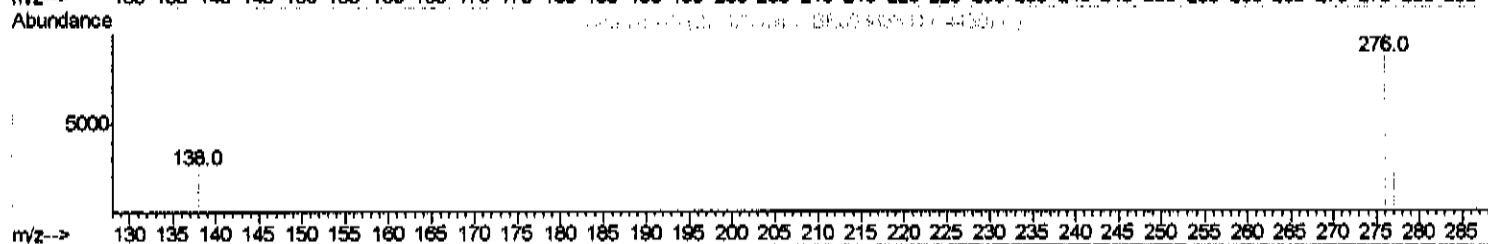
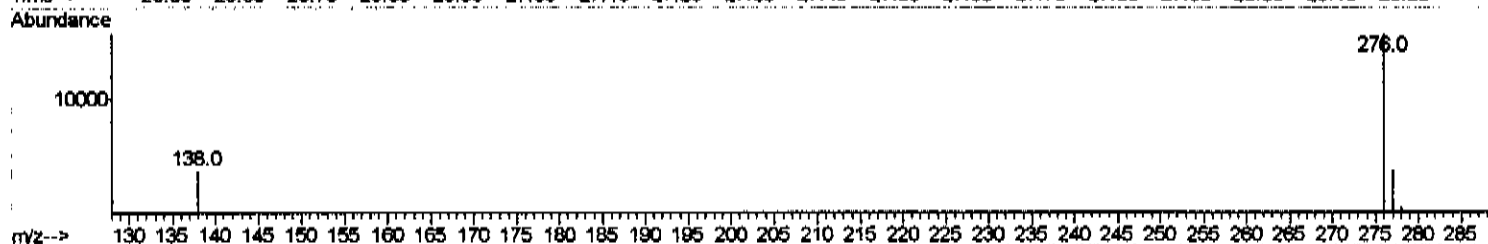
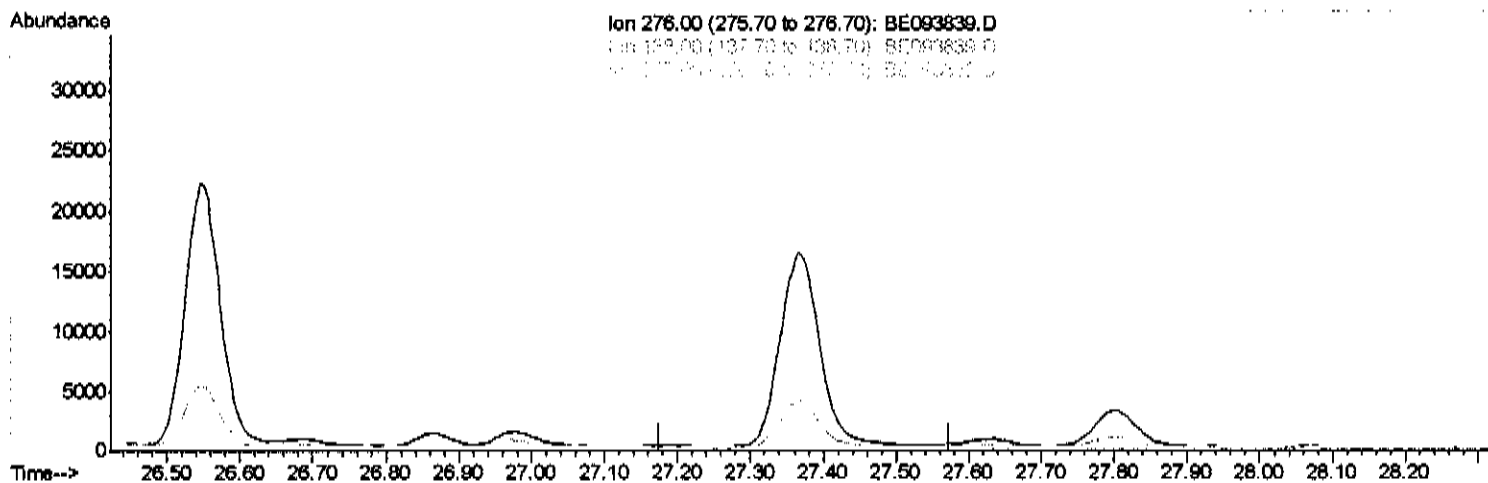
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



TIC: BE093839.D

(26) Benzo(g,h,i)perylene
 27.375min (-27.375) 0.00ng/ul
 response 0

Ion	Exp%	Act%
276.00	100	0.00
138.00	27.30	0.00#
277.00	25.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

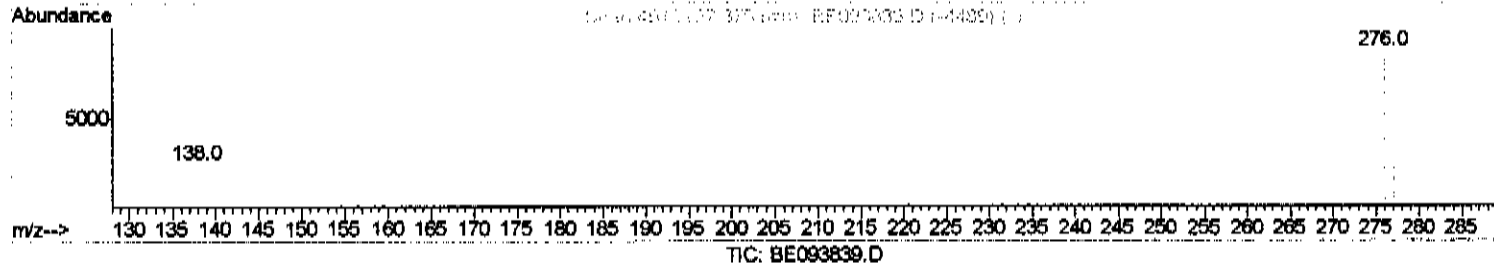
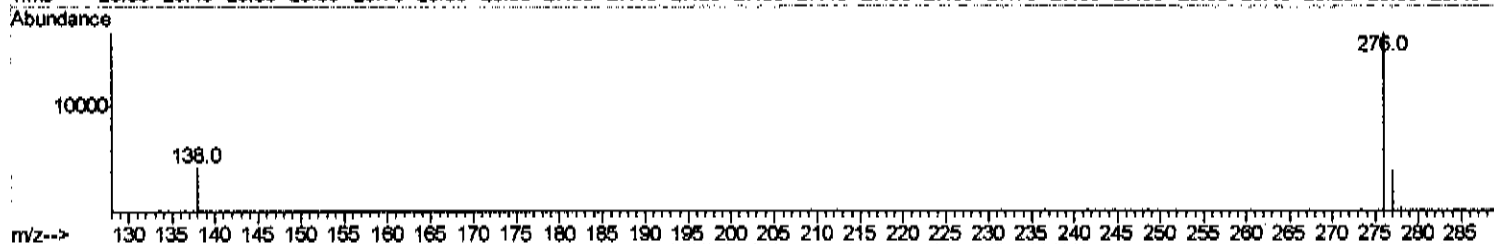
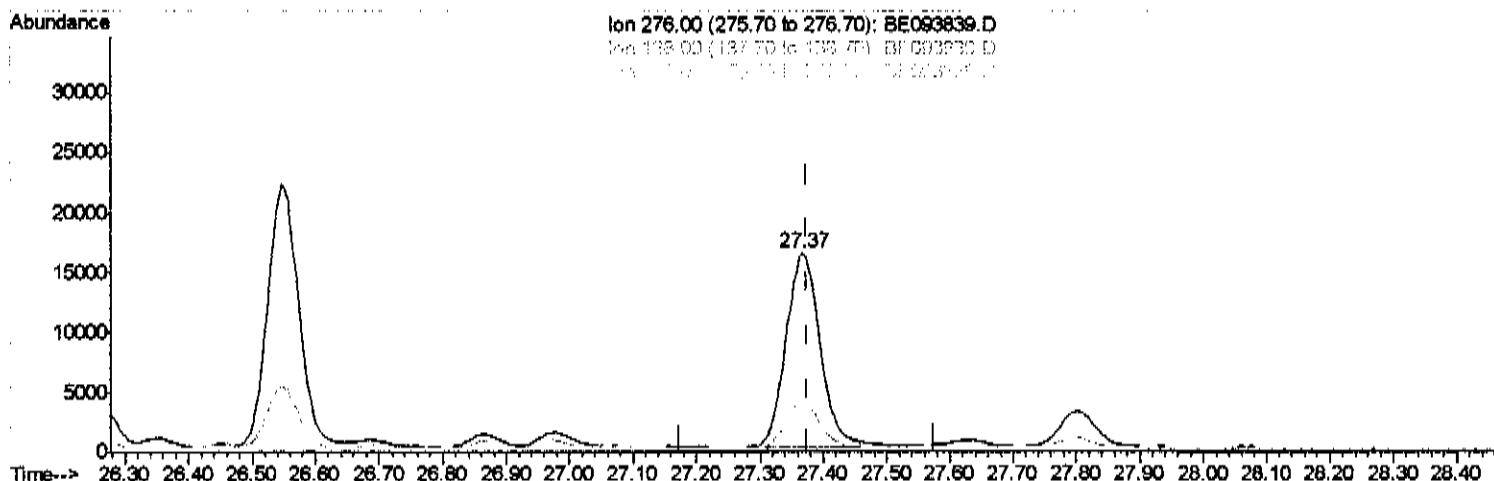
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
 Data File : BE093839.D
 Acq On : 16 Aug 2017 14:08
 Operator : SJ/JU
 Sample : I4672-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 COAH1

Manual Integrations
 APPROVED

Sohil
 8/17/2017 5:59:27 PM

Quant Time: Aug 17 02:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 17 00:58:19 2017
 Response via : Initial Calibration



(26) Benzo(g,h,i)perylene

27.366min (-0.008) 1.50ng/ul m

response 61061

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.08
277.00	25.60	24.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_E
Client Sampled :
COAH1

Manual Integrations
APPROVED

Sohil
8/17/2017 5:59:27 PM

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081617\
Data File : BE093839.D
Acq On : 16 Aug 2017 14:08
Operator : SJ/JU
Sample : I4672-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 02:10:41 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 00:58:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	2185	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	11555	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	7004	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	14794	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	15463	0.40	ng/ul	0.00
20) Perylene-d12	23.91	264	14865m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QI on	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	4188	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.27	212	10239	0.22	ng/ul	0.00

Target Compounds	R.T.	QI on	Response	Conc	Units	Ovalue
3) Naphthalene	10.75	128	29996	1.067	ng/ul#	91
5) 2-Methylnaphthalene	12.36	142	22865	1.115	ng/ul	99
7) Acenaphthylene	14.24	152	11691	0.399	ng/ul	98
8) Acenaphthene	14.58	153	4806	0.209	ng/ul	96
9) Fluorene	15.57	166	8707	0.299	ng/ul	93
12) Phenanthrene	17.29	178	189508	4.704	ng/ul#	90
13) Anthracene	17.38	178	25279	0.644	ng/ul#	91
15) Fluoranthene	19.30	202	306128	6.076	ng/ul	85
17) Pvrene	19.66	202	281989	6.248	ng/ul#	81
18) Benzo(a)anthracene	21.39	228	135383	3.020	ng/ul#	85
19) Chrysene	21.44	228	149112	3.468	ng/ul	99
21) Benzo(b)fluoranthene	23.14	252	166568	3.622	ng/ul	86
22) Benzo(k)fluoranthene	23.19	252	75497m	1.665	ng/ul	
23) Benzo(a)pvrene	23.80	252	119342m	2.729	ng/ul	
24) Indeno(1,2,3-cd)pvrene	26.55	276	74066m	1.534	ng/ul	
25) Dibenzo(a,h)anthracene	26.56	278	19037m	0.472	ng/ul	
26) Benzo(a,h,i)perylene	27.37	276	61061m	1.501	ng/ul	

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