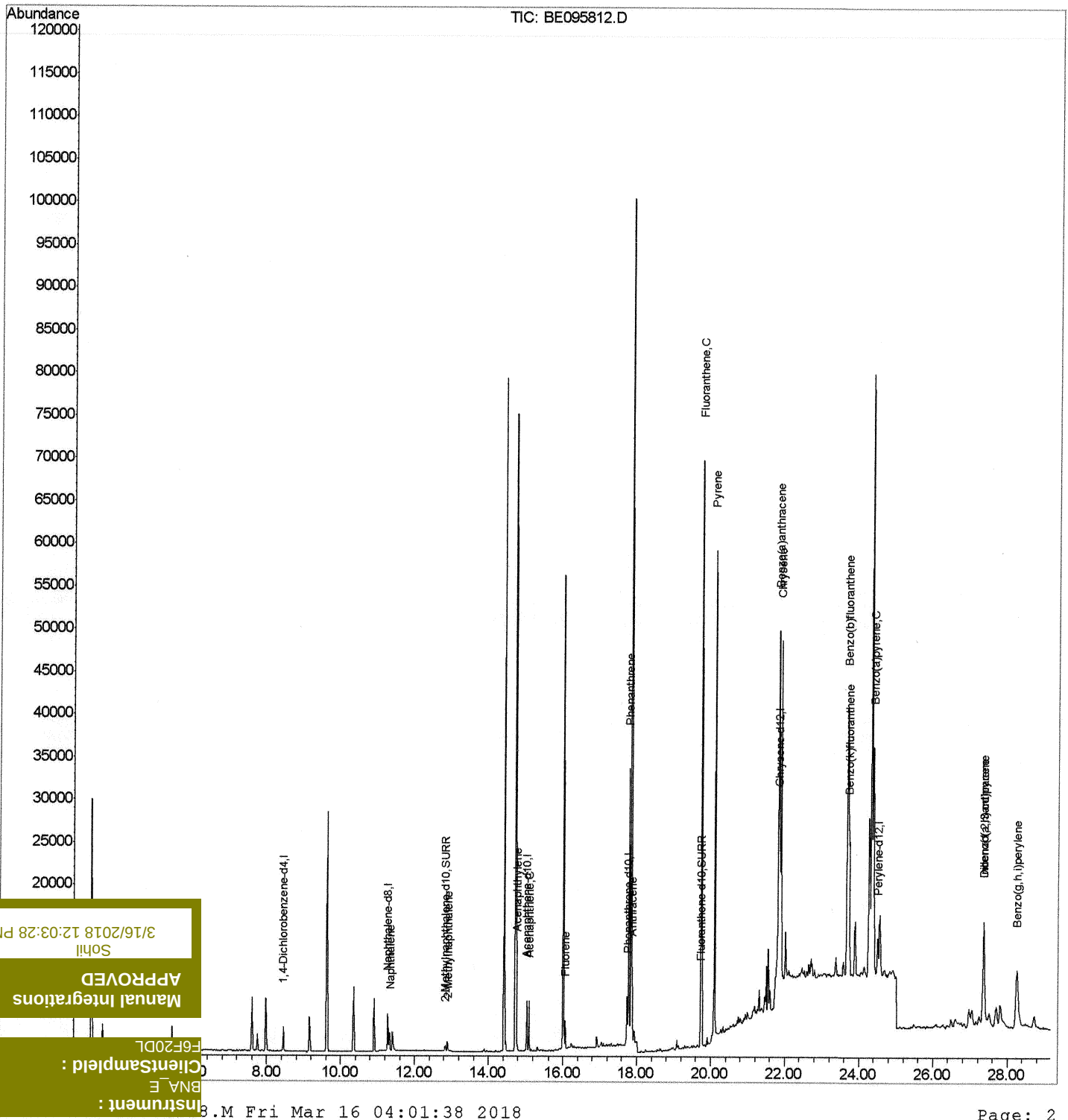


Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\
Data File : BE095812.D
Acq On : 15 Mar 2018 20:16
Operator : SJ/JU
Sample : J1813-04DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

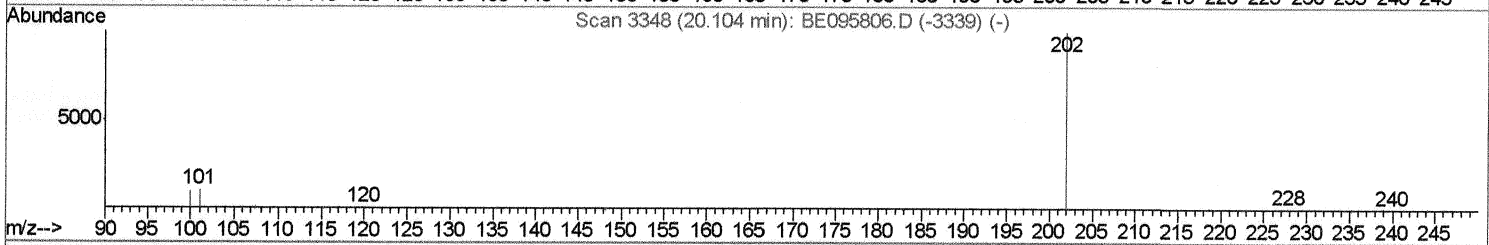
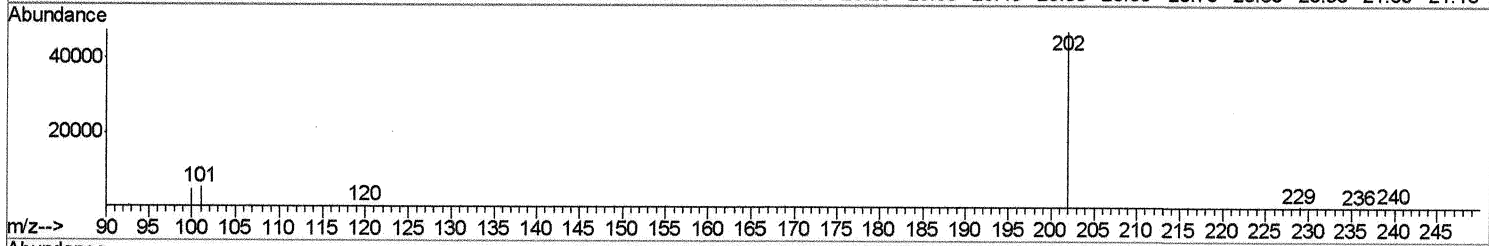
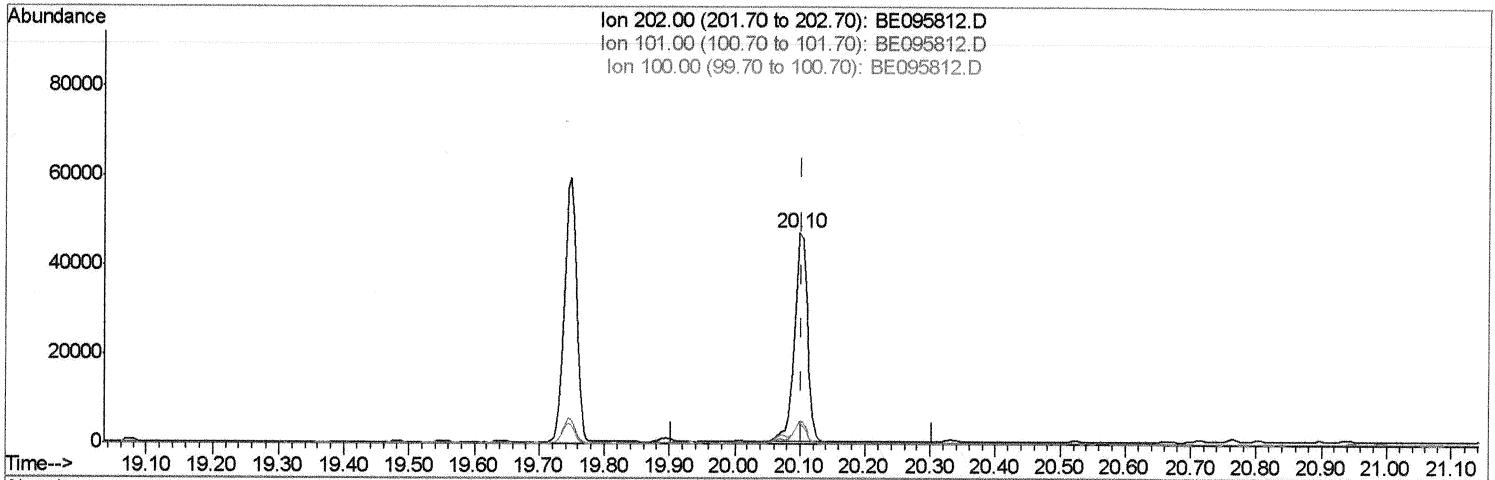
Quant Time: Mar 16 04:00:52 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Fri Mar 16 02:40:12 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\
 Data File : BE095812.D
 Acq On : 15 Mar 2018 20:16
 Operator : SJ/JU
 Sample : J1813-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 16 02:41:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration



(17) Pyrene

20.098min (-0.006) 2.45ng/ui

response 65637

Ion	Exp%	Act%
202.00	100	100
101.00	11.12	11.12
100.00	10.27	10.27

101 100 100

3/16/2018 12:03:28 PM

Sohil

APPROVED

Manual Integrations

F6F20DL

ClientSampled :

BNA_E

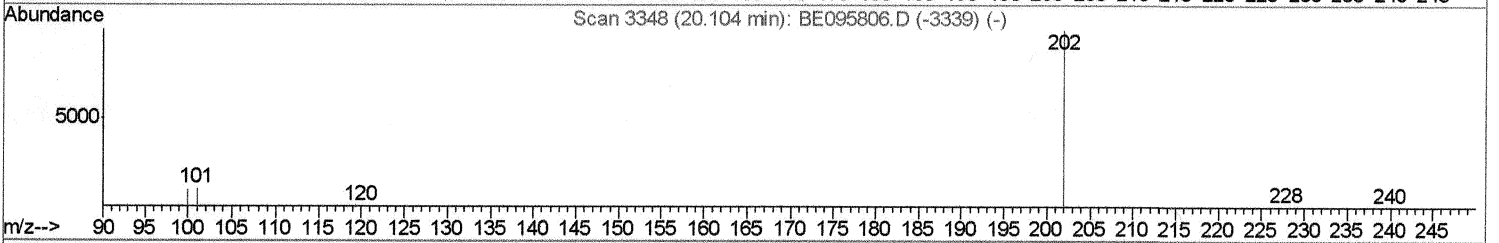
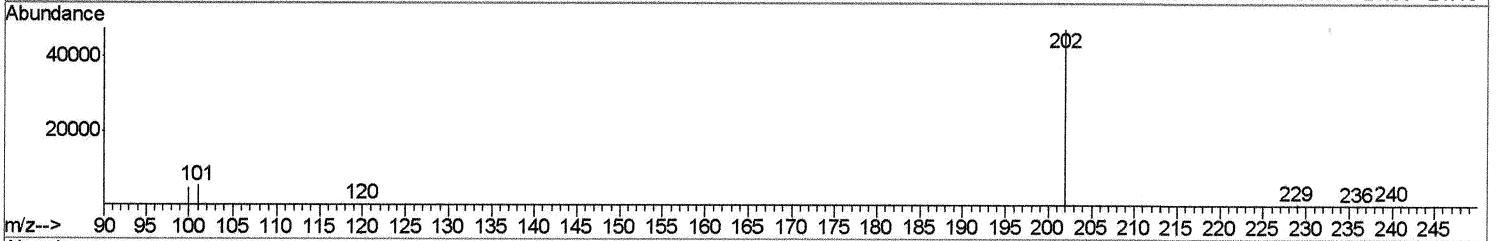
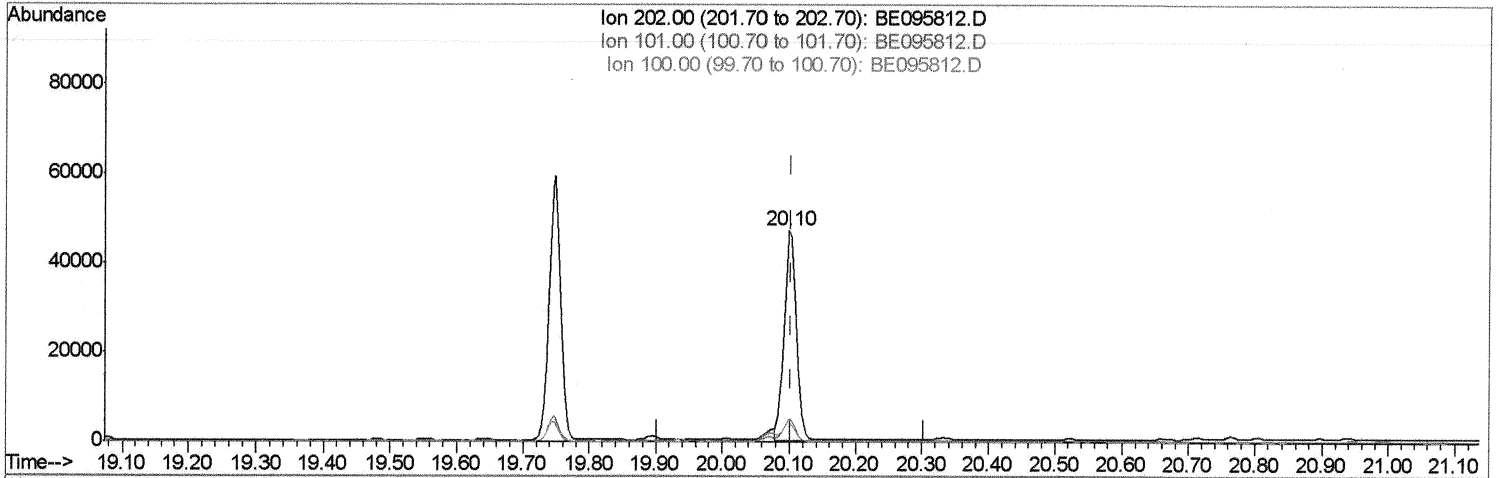
Instrument :

3.M Fri Mar 16 03:59:51 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\
 Data File : BE095812.D
 Acq On : 15 Mar 2018 20:16
 Operator : SJ/JU
 Sample : J1813-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 16 02:41:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration



(17) Pyrene

20.098min (-0.006) 2.36ng/ul m > SJ 3/16/18

response 63343

Ion Exp% Act%

202.00 100 100

101.00 11.12#

120.00 10.27#

228.00 0.00

240.00 0.00

Client Sampled : F6F20DL

Instrument : BNA_E

3.M Fri Mar 16 04:00:05 2018

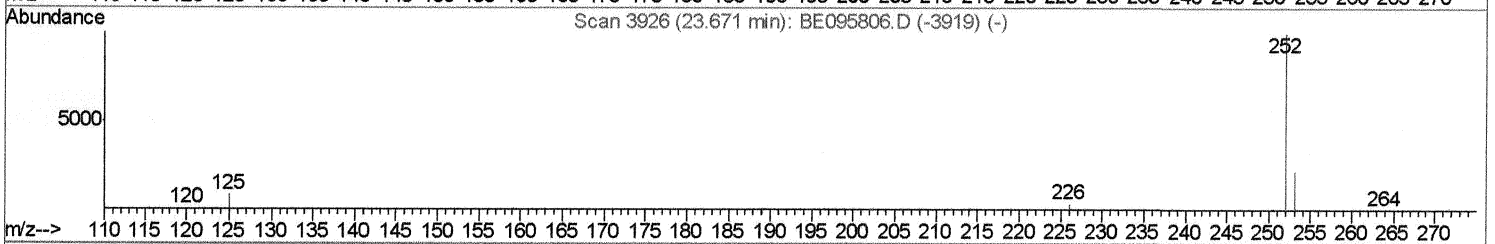
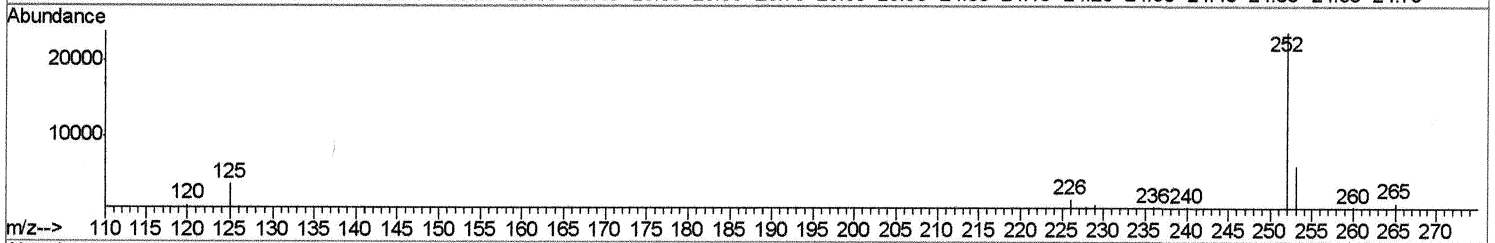
```
Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\  
Data File : BE095812.D  
Acq On    : 15 Mar 2018  20:16  
Operator  : SJ/JU  
Sample    : J1813-04DL 5X  
Misc      :  
ALS Vial  : 16      Sample Multiplier: 1
```

Abundance

Ion 252.00 (251.70 to 252.70): BE095812.D
Ion 253.00 (252.70 to 253.70): BE095812.D
Ion 125.00 (124.70 to 125.70): BE095812.D

23.67

Time--> 22.70 22.80 22.90 23.00 23.10 23.20 23.30 23.40 23.50 23.60 23.70 23.80 23.90 24.00 24.10 24.20 24.30 24.40 24.50 24.60 24.70



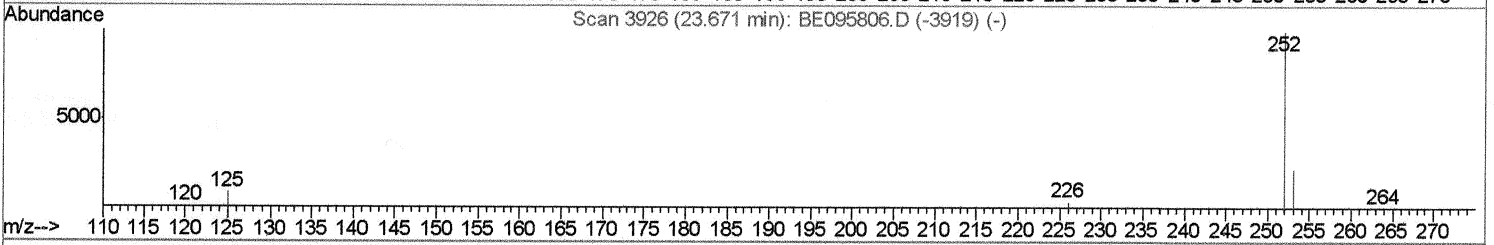
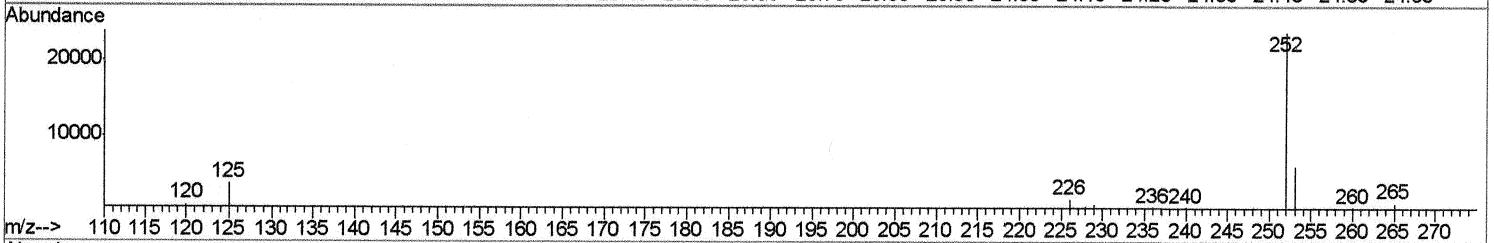
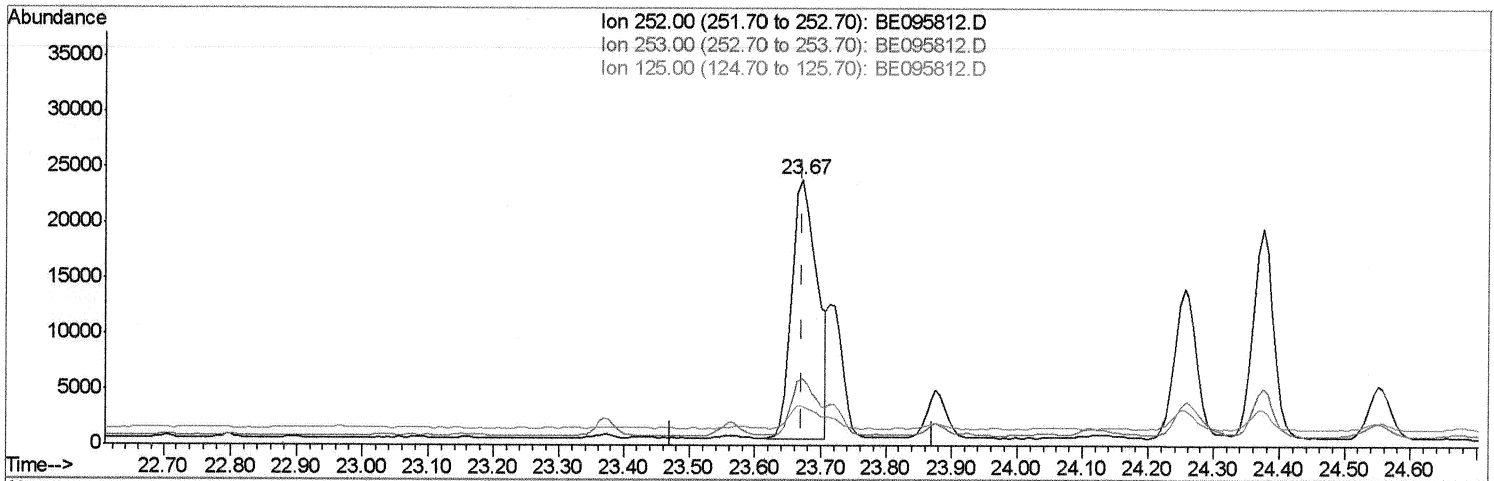
TIC: BE095812.D

8.M Fri Mar 16 04:00:11 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\
 Data File : BE095812.D
 Acq On : 15 Mar 2018 20:16
 Operator : SJ/JU
 Sample : J1813-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 16 02:41:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Qlast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.671min (-0.000) 2.62ng/ul m > SJ 3/16/18

response 64274

Ion	Exp%	Act%
252.00	100	100
253.00	25.69	15.03
254.00	15.03	10.00

3.M Fri Mar 16 04:00:26 2018

```
Data Path   : Z:\HPCHEM1\BNA E\Data\BE031518\  
Data File  : BE095812.D  
Acq On     : 15 Mar 2018   20:16  
Operator   : SJ/JU  
Sample     : J1813-04DL 5X  
Misc       :  
ALS Vial   : 16      Sample Multiplier: 1
```

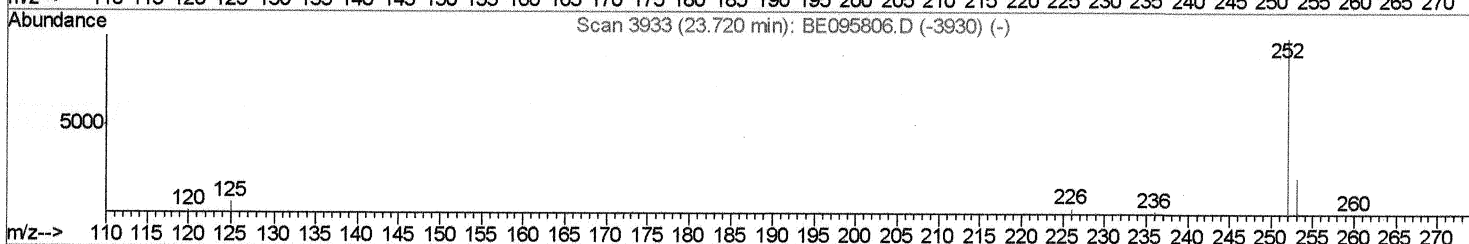
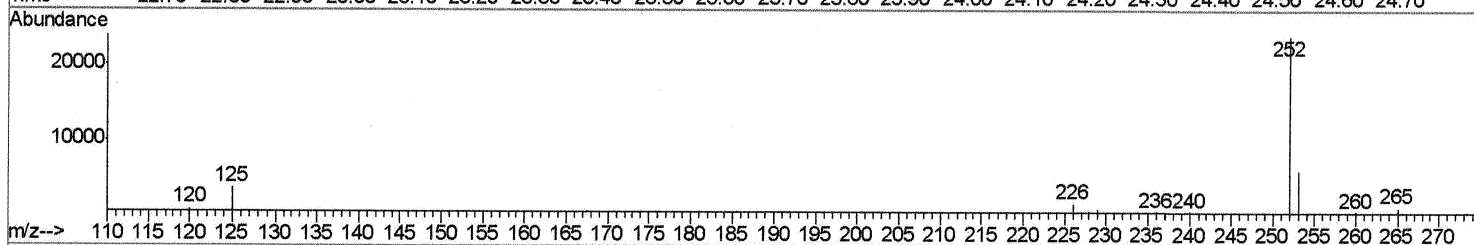
Abundance

Ion 252.00 (251.70 to 252.70): BE095812.D
Ion 253.00 (252.70 to 253.70): BE095812.D
Ion 125.00 (124.70 to 125.70): BE095812.D

23.67

Time-->

Retention Time (min)	Ion 252.00 Abundance	Ion 253.00 Abundance	Ion 125.00 Abundance
23.67	~23,000	~5,000	~2,000
23.88	~4,000	~1,000	~500
24.25	~13,000	~3,000	~1,000
24.35	~18,000	~4,000	~1,500
24.55	~4,000	~1,000	~500



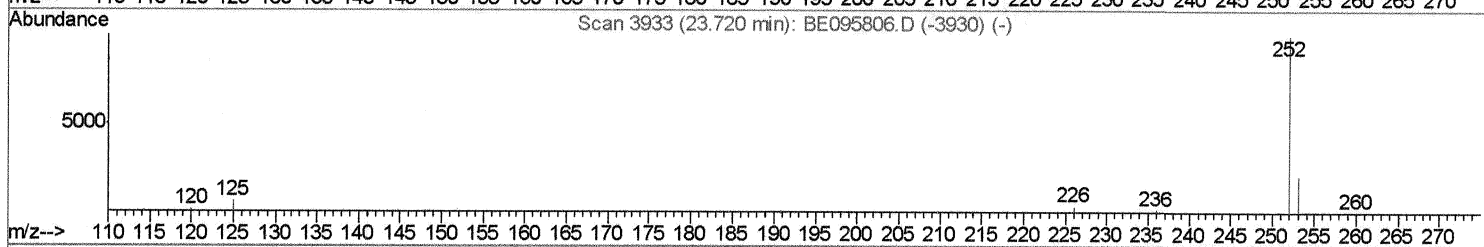
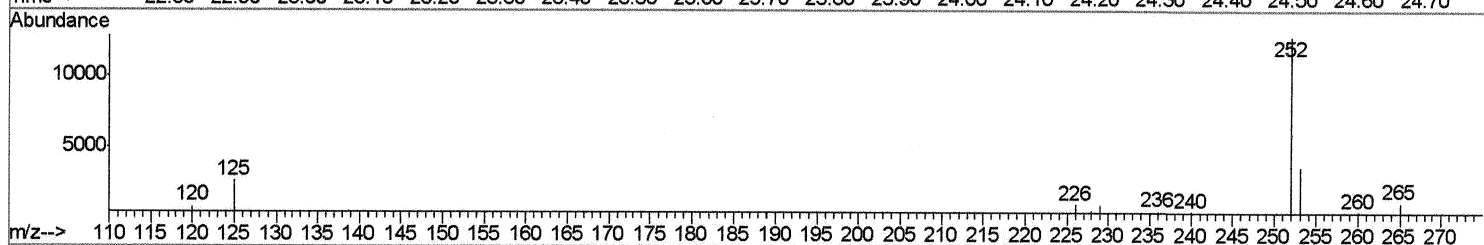
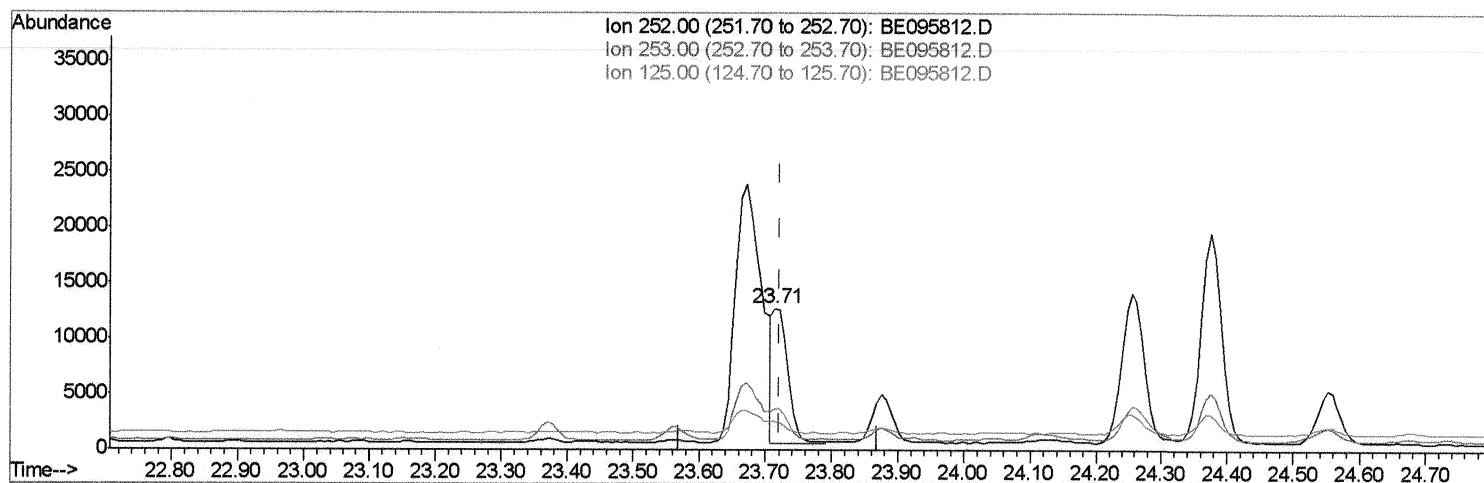
TIC: BE095812.D

8.M Fri Mar 16 04:00:30 2018

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\
 Data File : BE095812.D
 Acq On : 15 Mar 2018 20:16
 Operator : SJ/JU
 Sample : J1813-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 16 02:41:43 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration



TIC: BE095812.D

(22) Benzo(k)fluoranthene

23.713min (-0.007) 0.80ng/ul m > SJ 3/16/18

response 18661

Ion	Exp%	Act%
252.00	100	100
253.00	28.95	20.63

252.00 100

253.00 28.95

254.00 20.63

255.00 100

256.00 100

257.00 100

258.00 100

259.00 100

260.00 100

261.00 100

262.00 100

263.00 100

264.00 100

265.00 100

266.00 100

267.00 100

268.00 100

269.00 100

270.00 100

271.00 100

272.00 100

273.00 100

274.00 100

275.00 100

276.00 100

277.00 100

278.00 100

279.00 100

280.00 100

281.00 100

282.00 100

283.00 100

284.00 100

285.00 100

286.00 100

287.00 100

288.00 100

289.00 100

290.00 100

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299.00 100

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472.00 100

473.00 100

474.00 100

475.00 100

476.00 100

477.00 100

478.00 100

479.00 100

480.00 100

4

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE031518\
 Data File : BE095812.D
 Acq On : 15 Mar 2018 20:16
 Operator : SJ/JU
 Sample : J1813-04DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 F6F20DL

Manual Integrations
 APPROVED

Sohil
 3/16/2018 12:03:28 PM

Quant Time: Mar 16 04:00:52 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 16 02:40:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	1980	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	5869	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.03	164	3188	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.74	188	6601	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	7056	0.40	ng/ul	0.00
20) Perylene-d12	24.49	264	7094	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.83	152	753	0.08	ng/ul	0.00
14) Fluoranthene-d10	19.72	212	1764	0.08	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.32	128	2886	0.176	ng/ul#	90
5) 2-Methylnaphthalene	12.90	142	903	0.079	ng/ul	98
7) Acenaphthylene	14.76	152	1547	0.096	ng/ul#	90
8) Acenaphthene	15.09	153	3486	0.288	ng/ul	93
9) Fluorene	16.06	166	2298	0.175	ng/ul	87
12) Phenanthrene	17.78	178	34279	1.734	ng/ul#	89
13) Anthracene	17.87	178	7699	0.417	ng/ul#	93
15) Fluoranthene	19.75	202	75548	3.155	ng/ul	81
17) Pyrene	20.10	202	63343m)	2.364	ng/ul	
18) Benzo(a)anthracene	21.81	228	49105	2.157	ng/ul#	88
19) Chrysene	21.87	228	41689	1.798	ng/ul	94
21) Benzo(b)fluoranthene	23.67	252	64274m)	2.616	ng/ul	
22) Benzo(k)fluoranthene	23.71	252	18661m ,	0.799	ng/ul	
23) Benzo(a)pyrene	24.37	252	40862	1.821	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	27.35	276	27883	1.121	ng/ul#	68
25) Dibenzo(a,h)anthracene	27.35	278	6391	0.321	ng/ul#	65
26) Benzo(a,h,i)perylene	28.25	276	23840	1.116	ng/ul#	92

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

SJ03/16/18