

Quantitation Report (QT Reviewed)

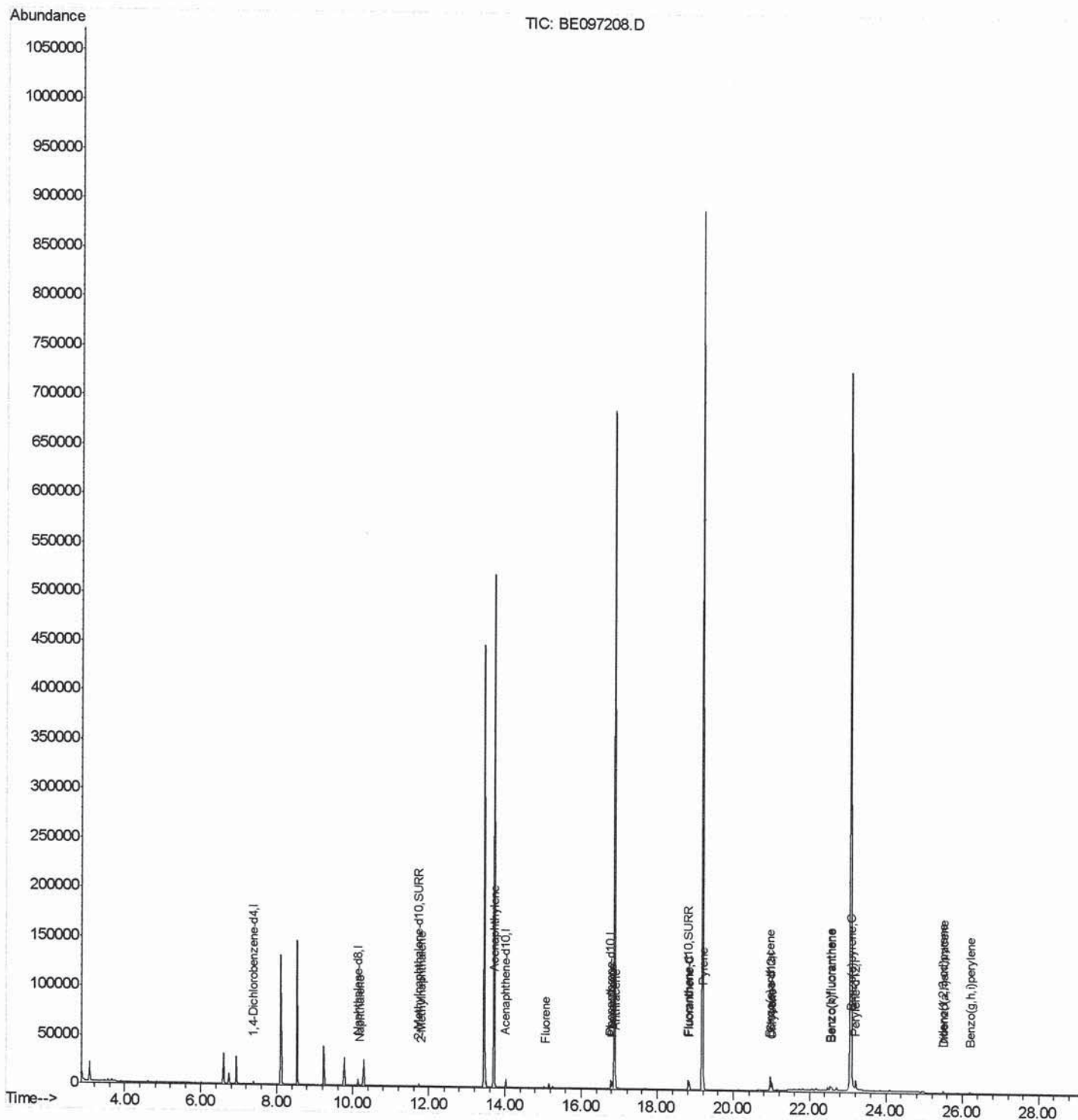
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097208.D
 Acq On : 4 Aug 2018 19:13
 Operator : SJ/JU
 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K0

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:28:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

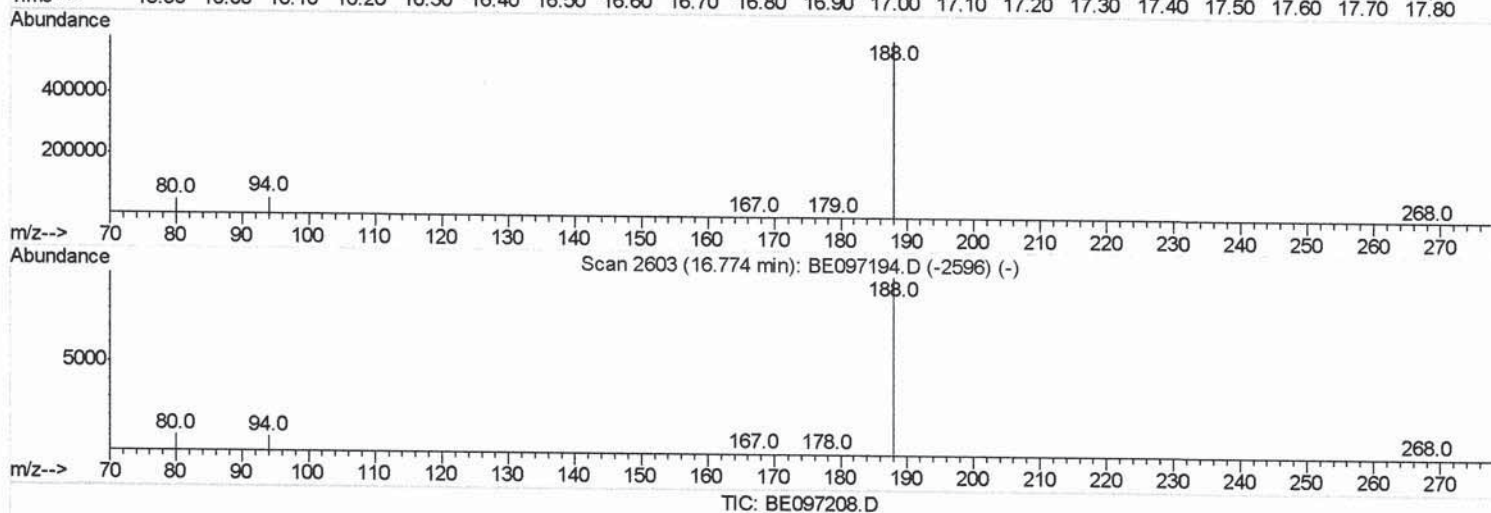
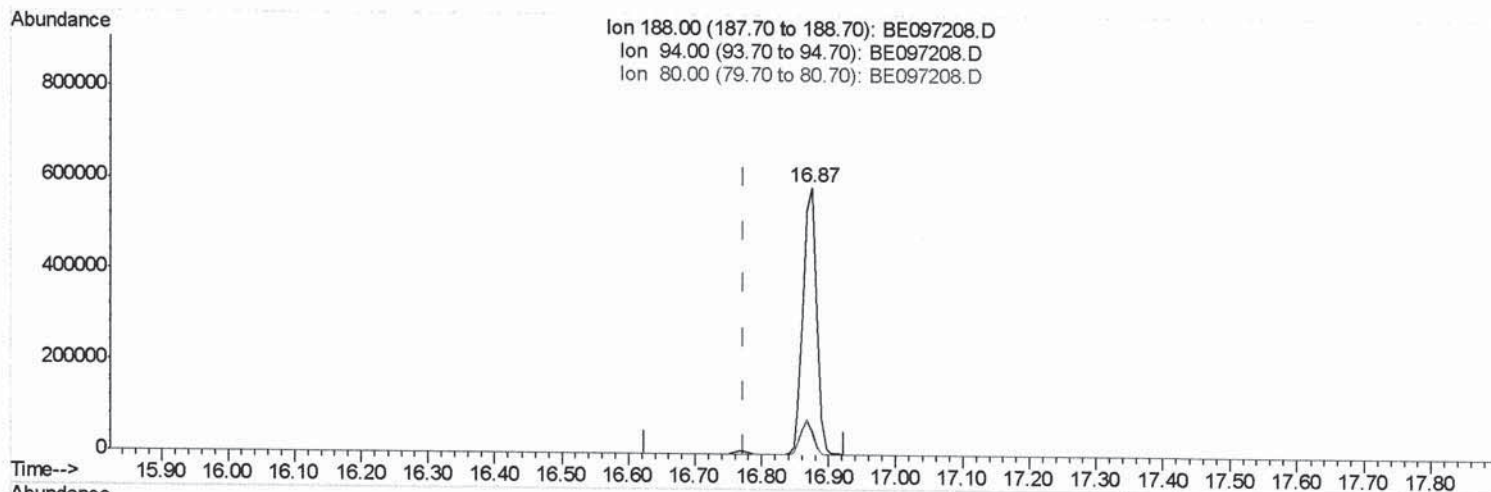
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097208.D
Acq On : 4 Aug 2018 19:13
Operator : SJ/JU
Sample : J4206-05
Misc :
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BNA_E
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JJ1K0

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM

Quant Time: Aug 06 00:56:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

16.874min (+0.100) 0.40ng/ul

response 808759

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	9.01
80.00	11.80	8.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

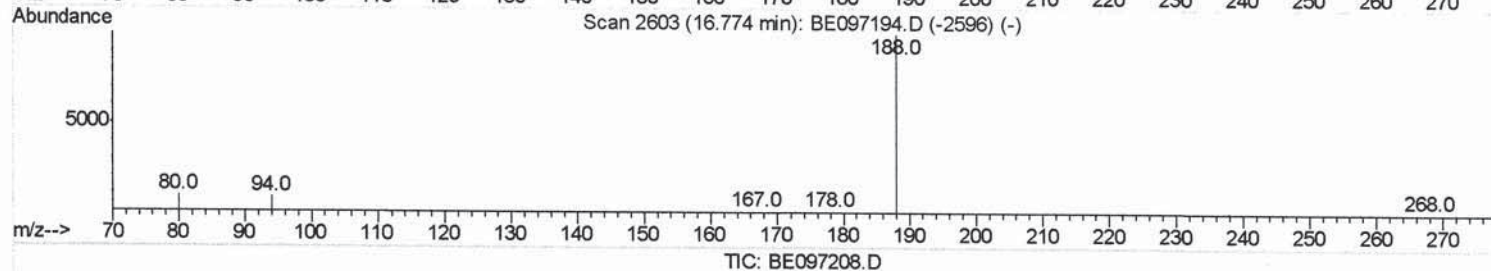
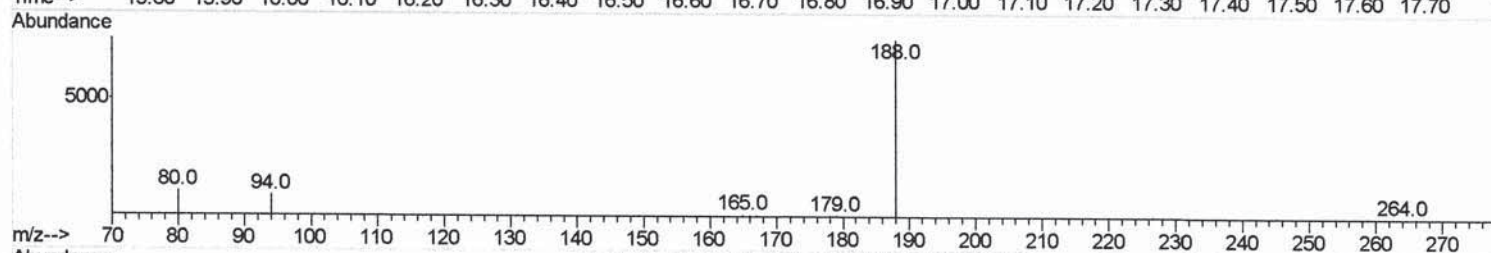
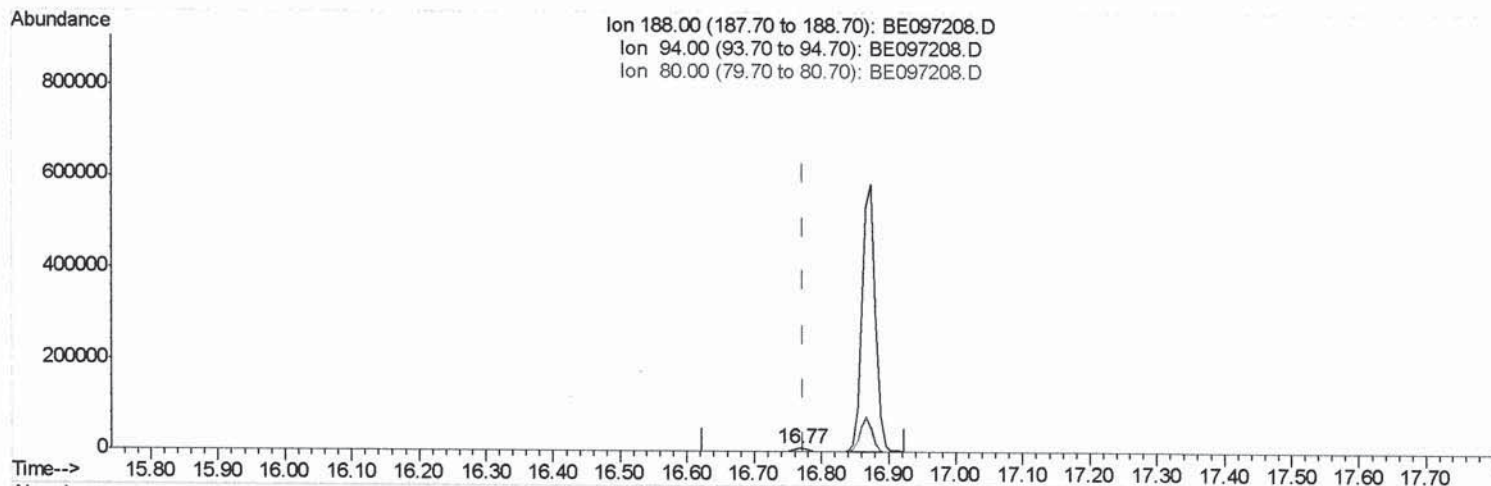
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Manual Integrations
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Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 00:56:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
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(10) Phenanthrene-d10 (I)

16.769min (-0.006) 0.40ng/ul m

SJ 8/7/18

response 10582

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.90
80.00	11.80	14.21#
0.00	0.00	0.00

Quantitation Report (Qedit)

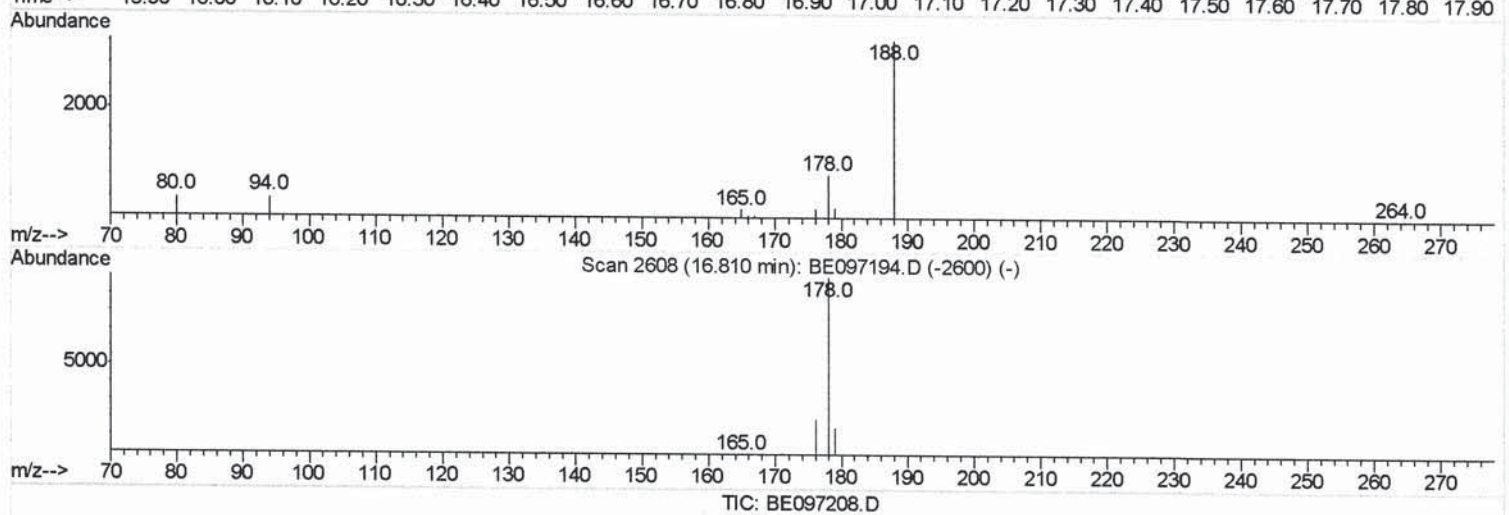
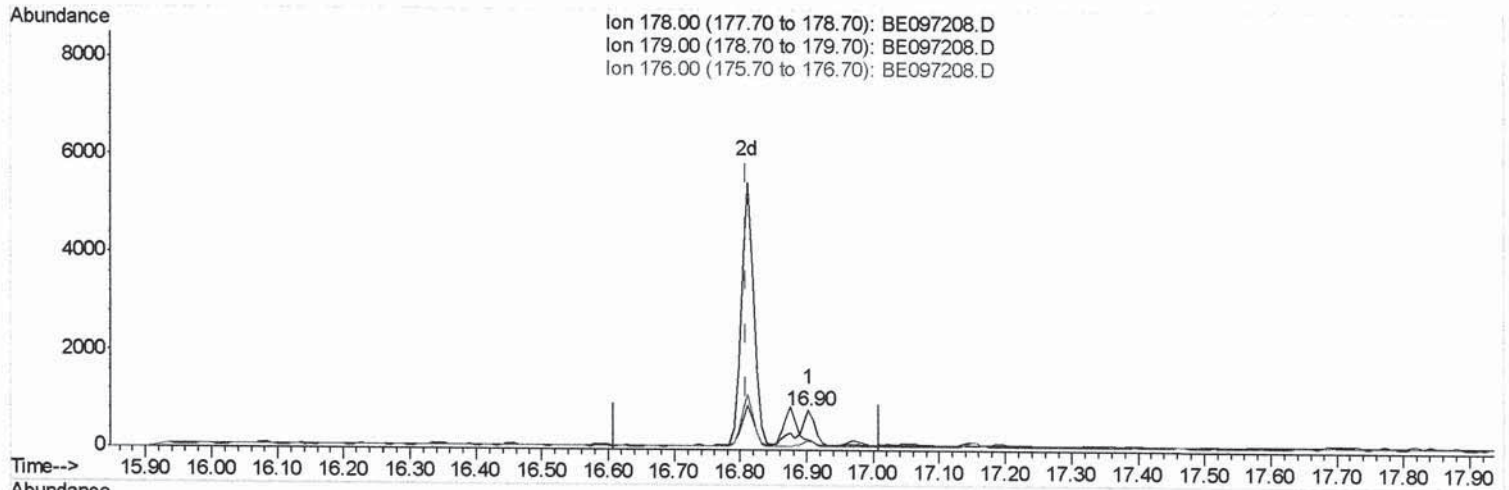
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Manual Integrations
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Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:22:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(12) Phenanthrene
 16.902min (+0.093) 0.05ng/ul
 response 1315

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	26.48
176.00	17.00	25.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

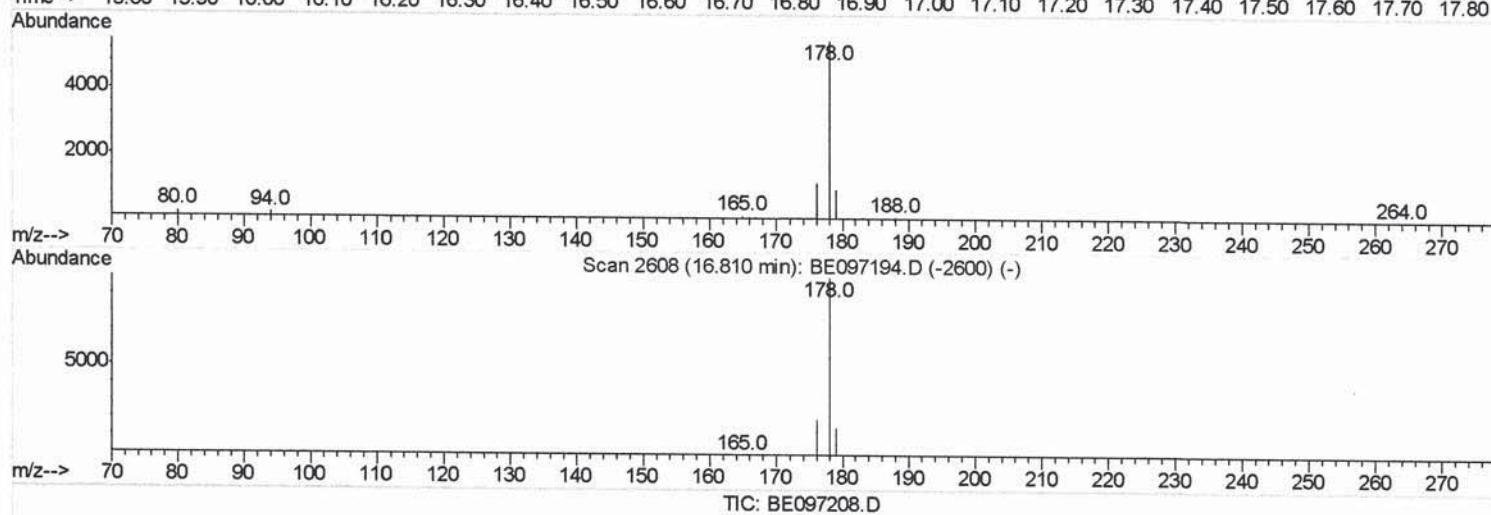
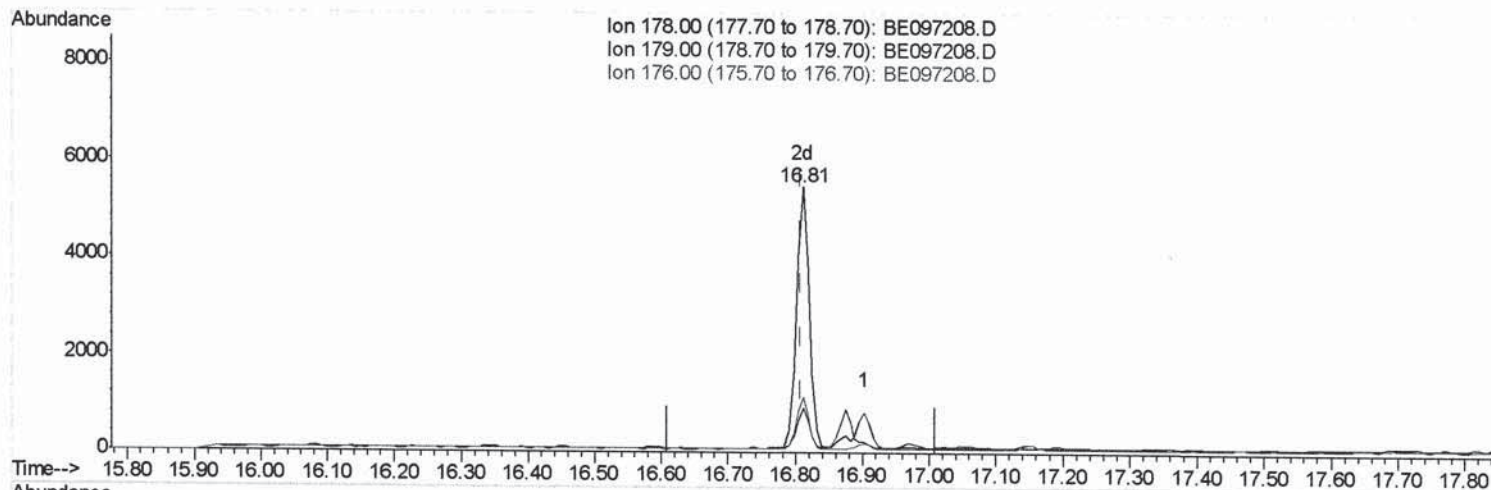
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(12) Phenanthrene

16.811min (+0.001) 0.27ng/ul m

SJ 8/7/18

response 7209

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	17.03#
176.00	17.00	20.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

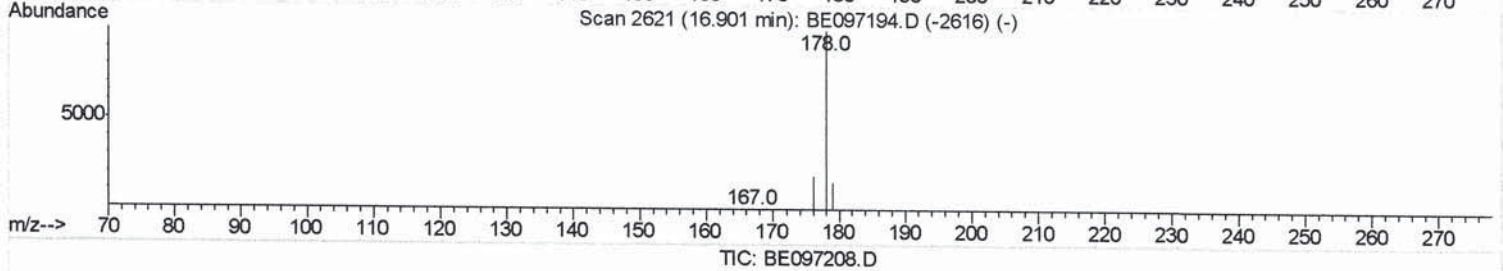
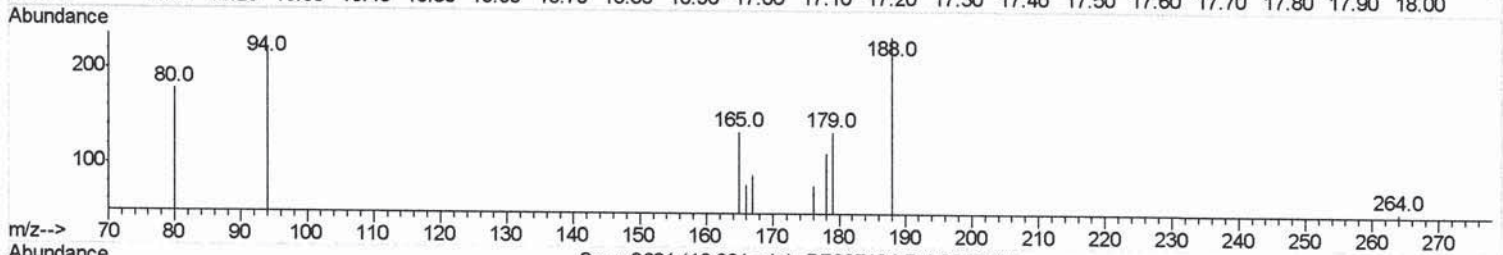
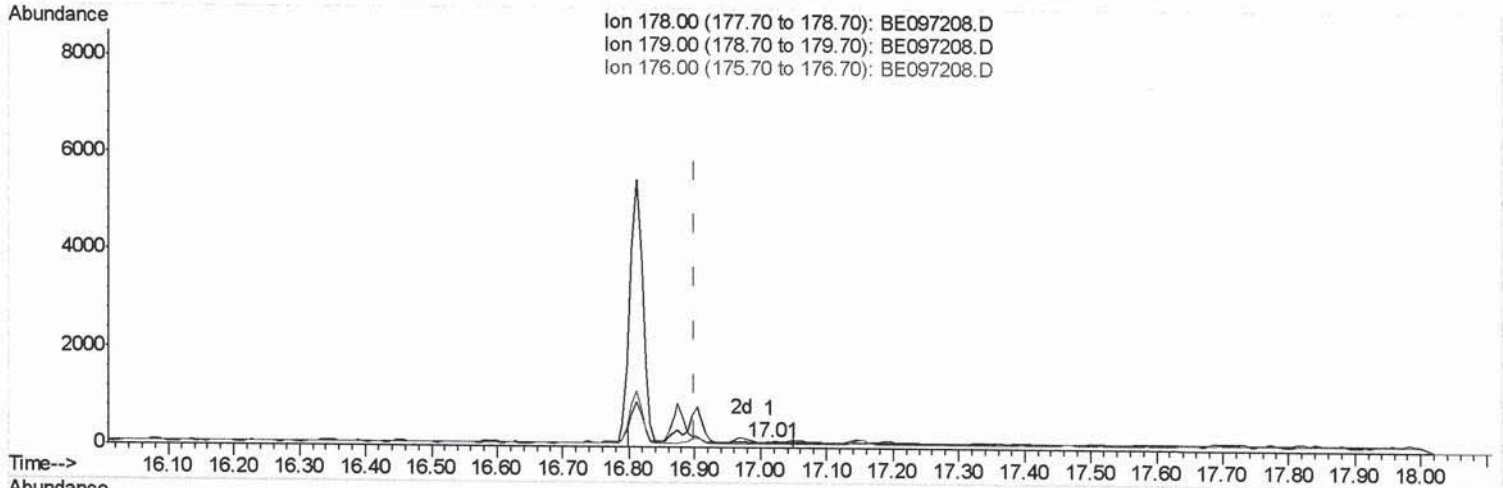
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Manual Integrations
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(13) Anthracene

17.015min (+0.114) 0.00ng/ui

response 98

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	119.47#
176.00	18.40	69.91#
0.00	0.00	0.00

Quantitation Report (Qedit)

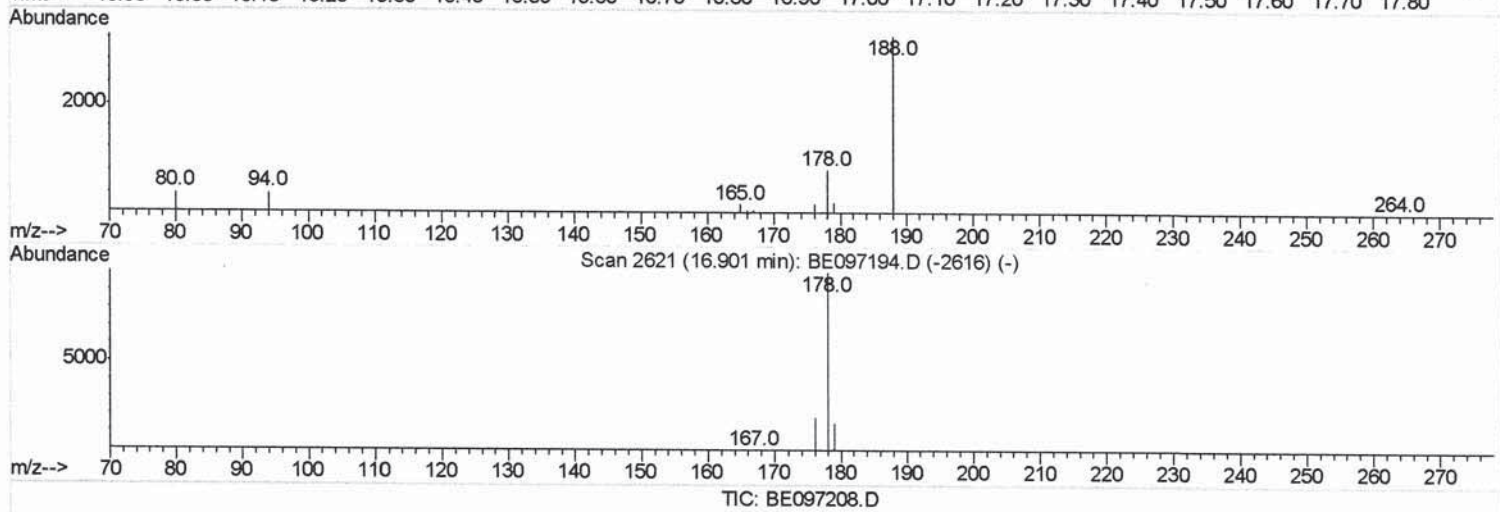
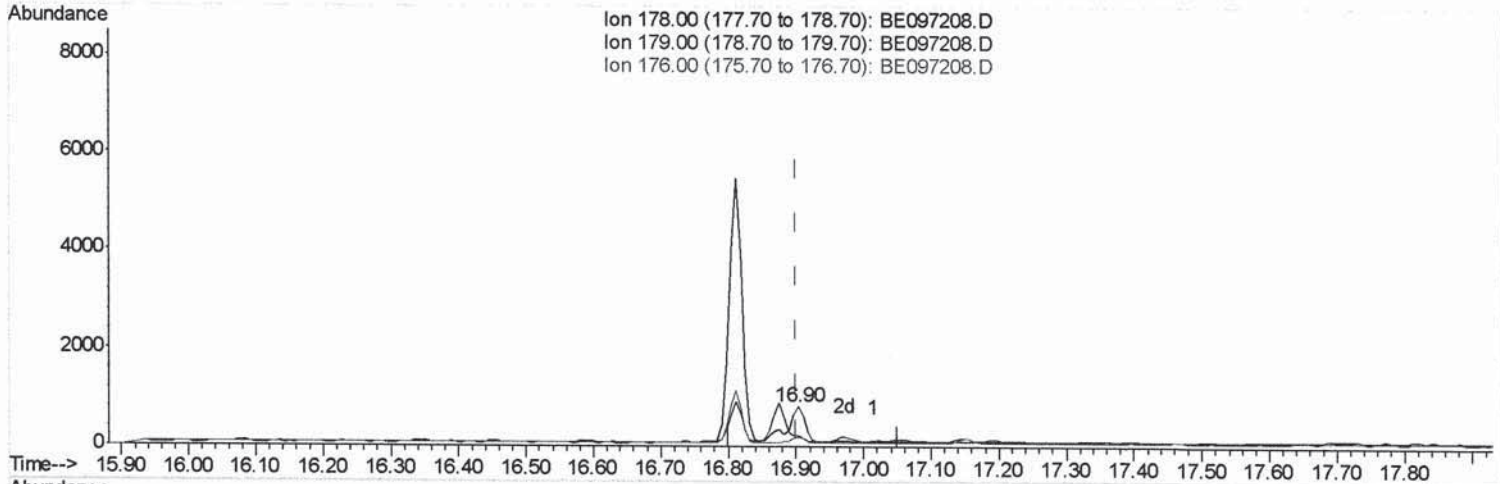
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 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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Manual Integrations
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(13) Anthracene

16.902min (+0.001) 0.04ng/ul m

SJ 8/7/18

response 985

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	26.48
176.00	18.40	25.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

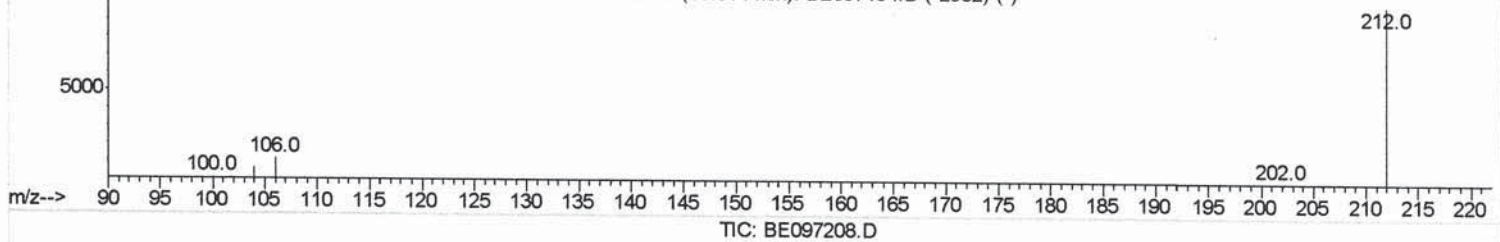
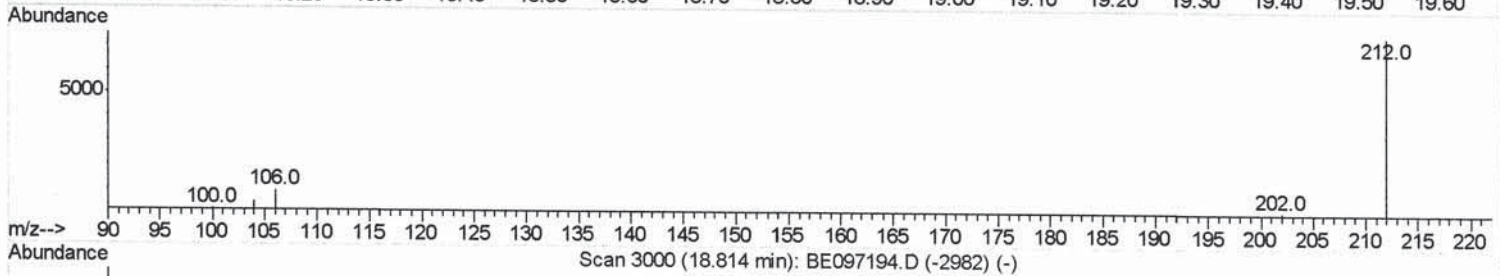
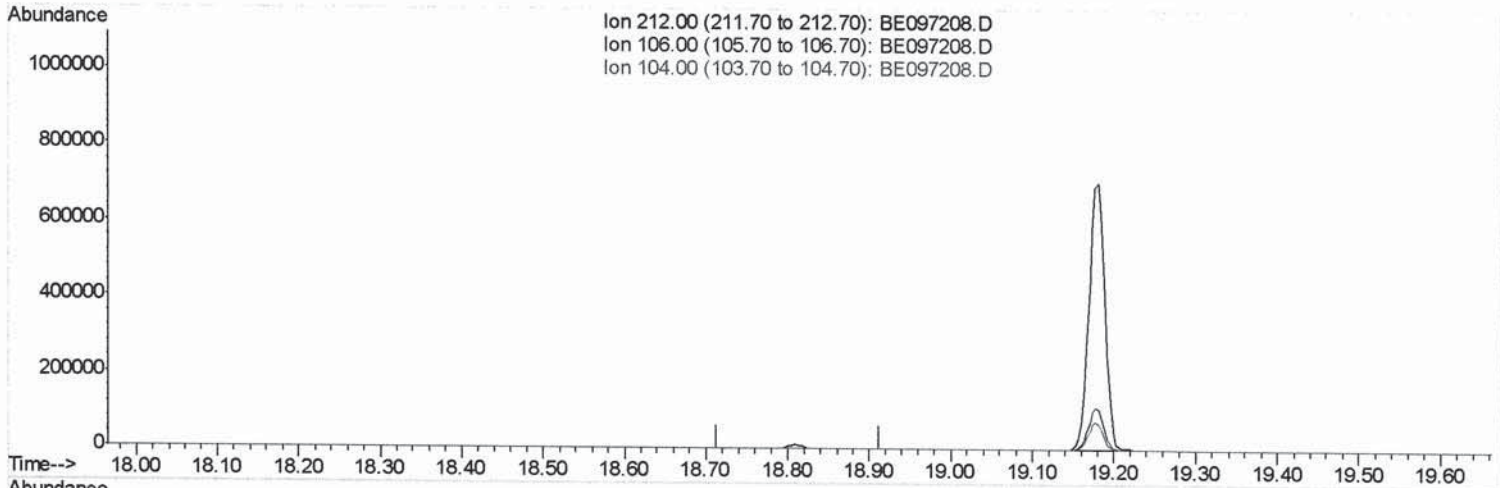
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Manual Integrations
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(14) Fluoranthene-d10 (SURR)

18.814min (-18.814) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

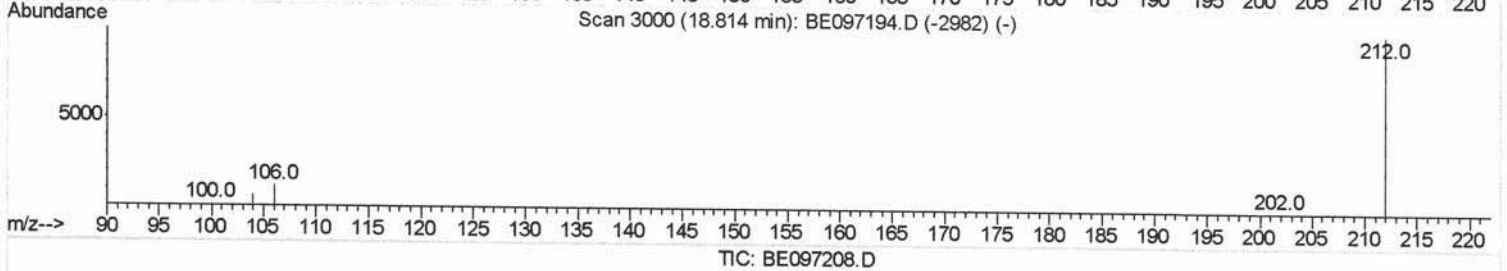
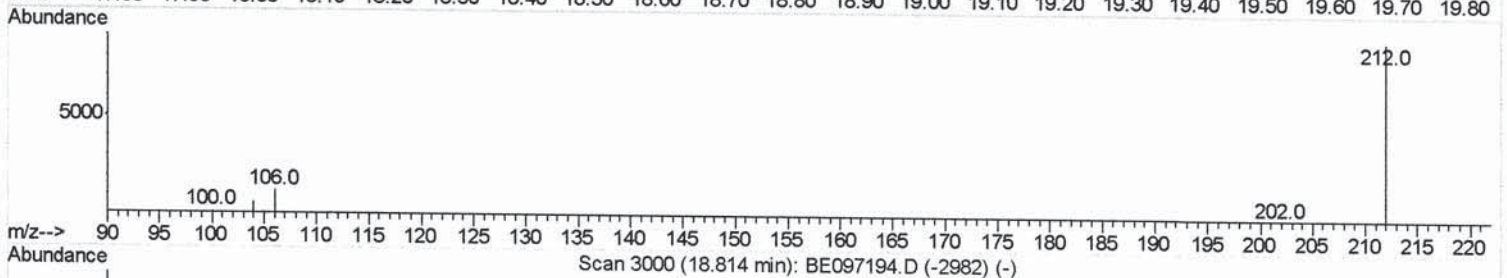
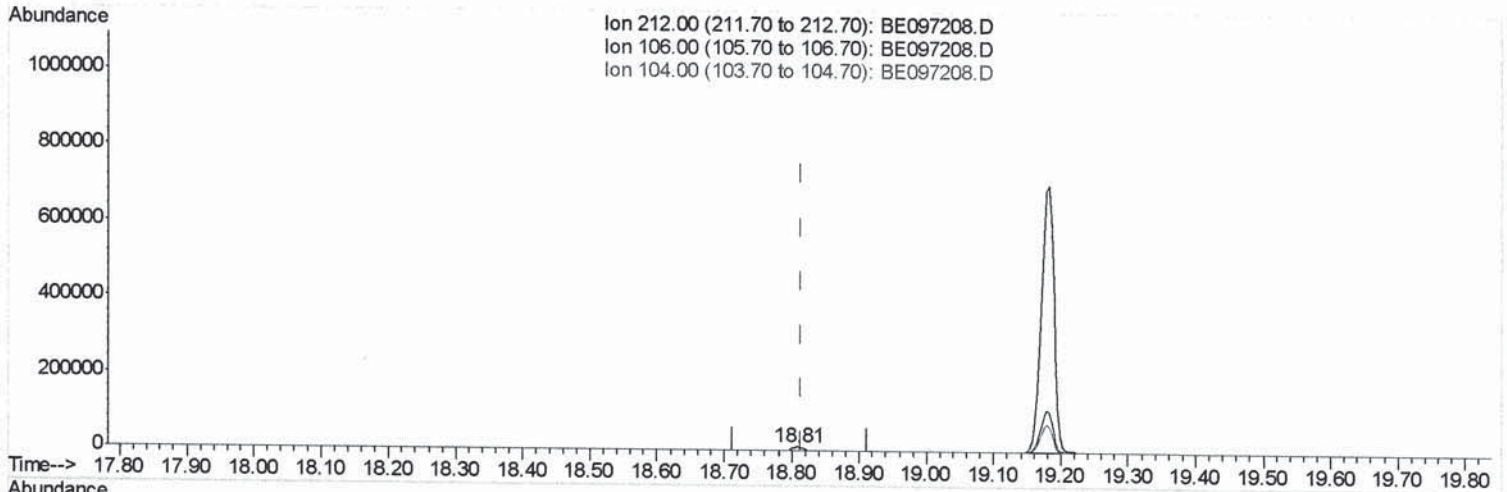
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
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 Operator : SJ/JU
 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K0

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

18.807min (-0.007) 0.33ng/ul m

response 11823

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

SJ 8/7/18

Quantitation Report (Qedit)

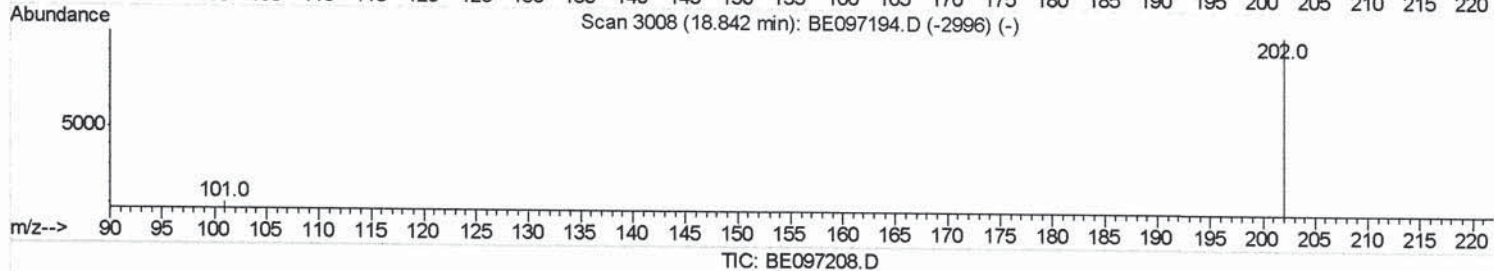
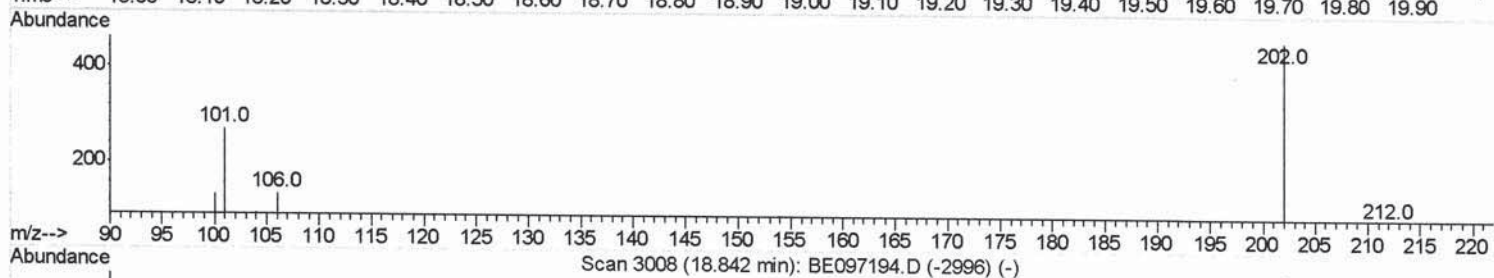
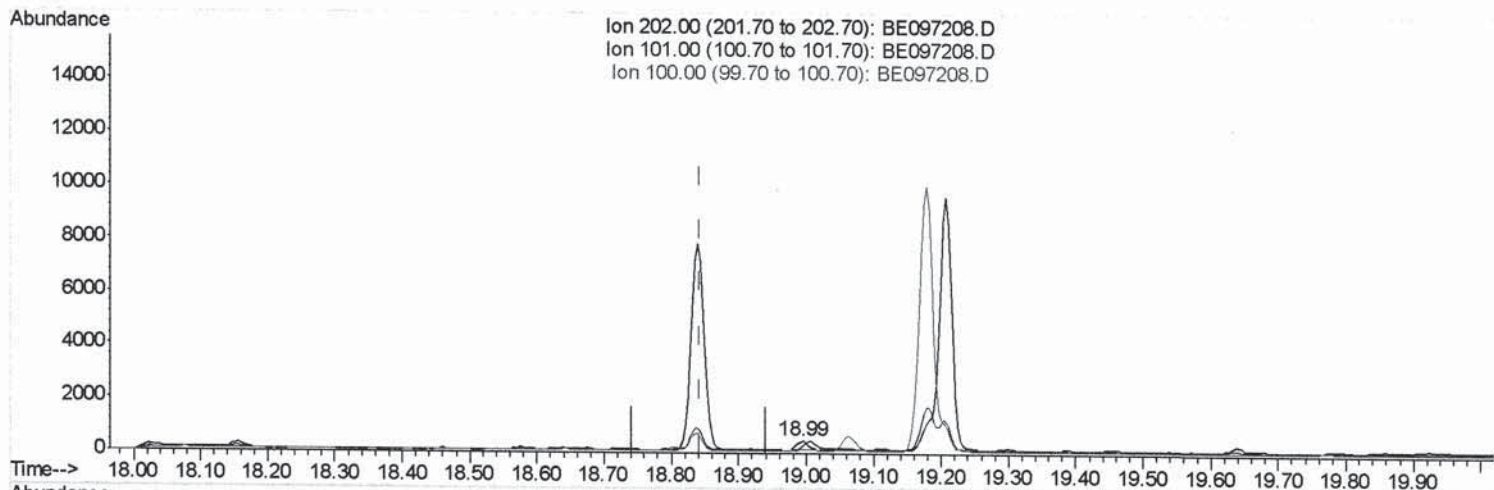
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097208.D
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Sample : J4206-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:23:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
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QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(15) Fluoranthene (C)

18.992min (+0.150) 0.01ng/ul

response 430

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	58.35#
100.00	19.50	28.42
0.00	0.00	0.00

Quantitation Report (Qedit)

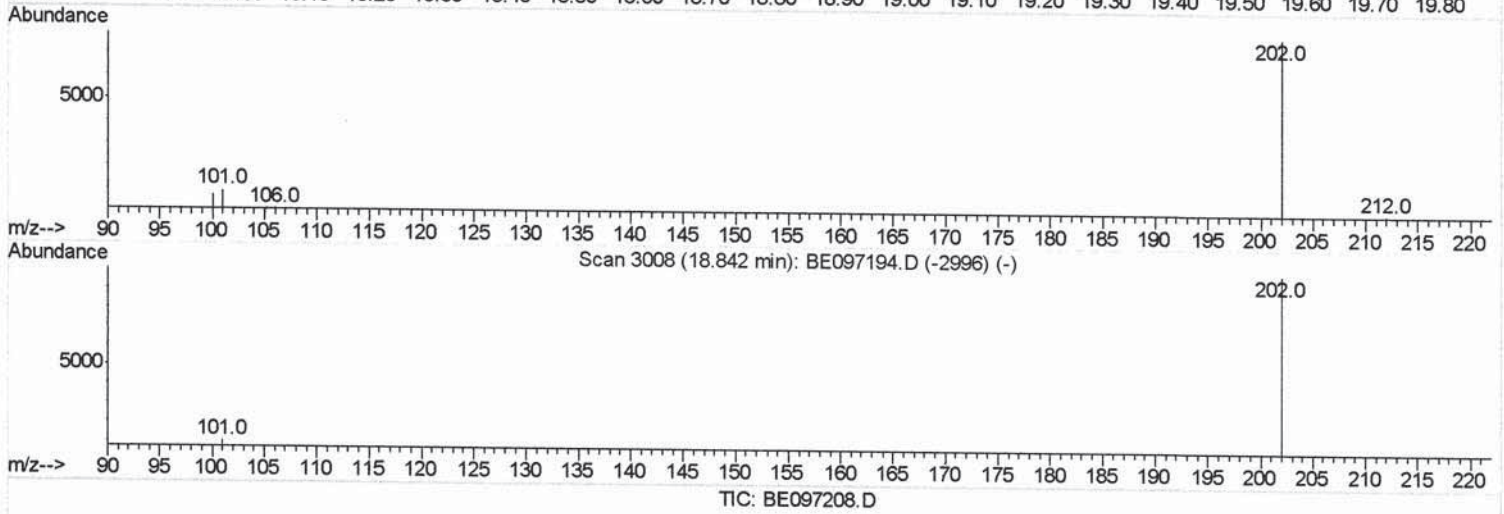
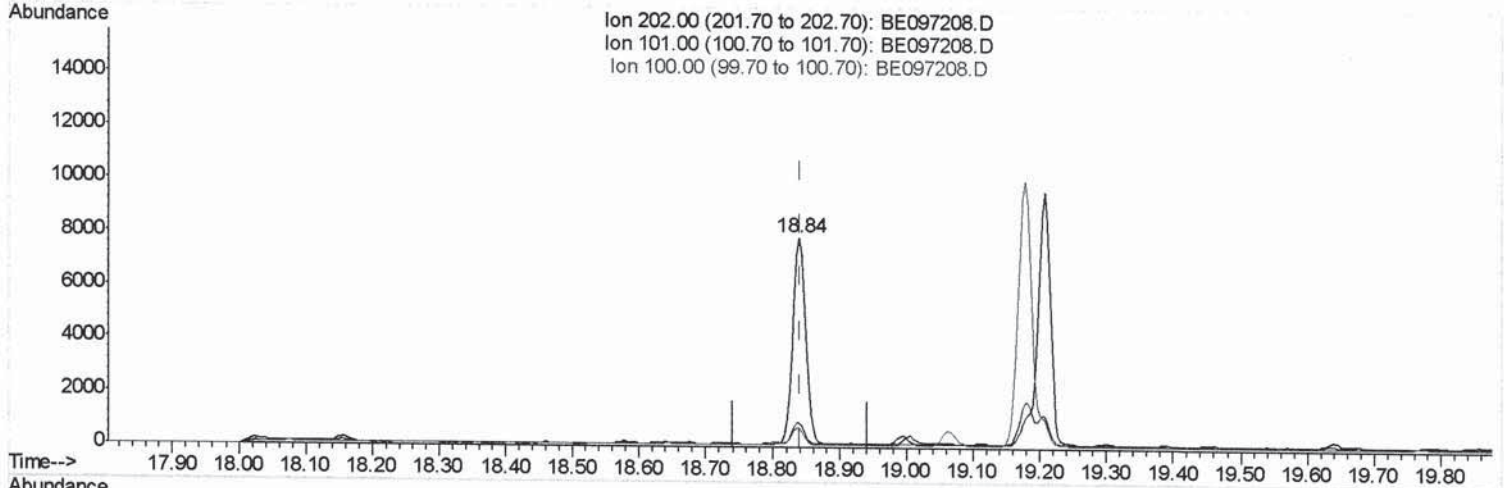
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Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

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 Response via : Initial Calibration



(15) Fluoranthene (C)

18.839min (-0.003) 0.29ng/ul m

SJ8/7/18

response 10385

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	11.41
100.00	19.50	9.22
0.00	0.00	0.00

Quantitation Report (Qedit)

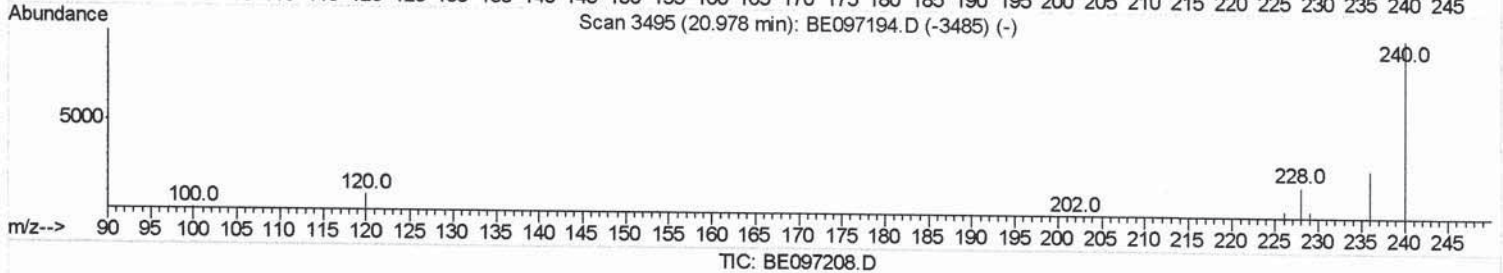
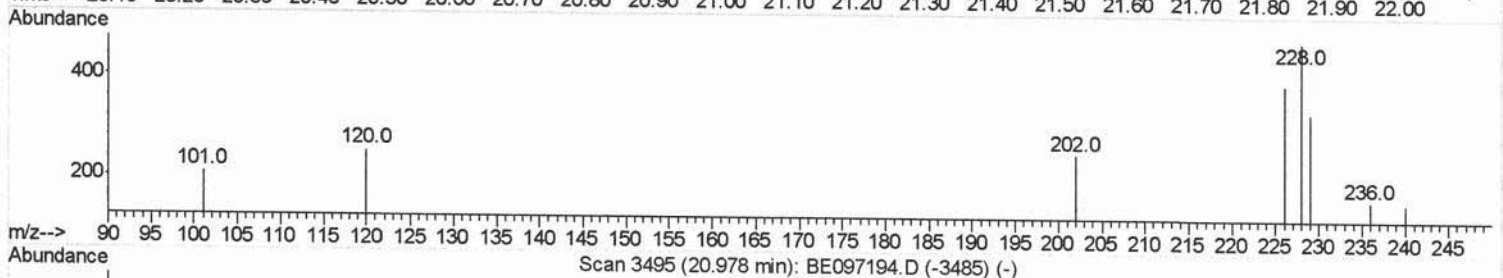
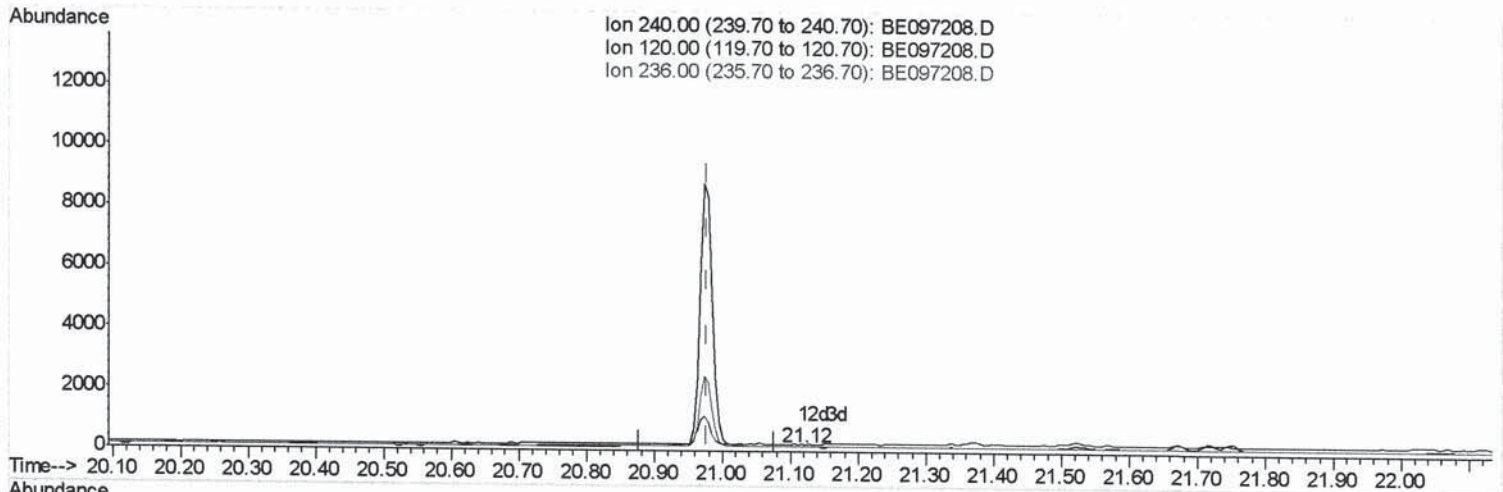
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Manual Integrations
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Sohil
 8/6/2018 12:50:56 PM

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(16) Chrysene-d12 (I)

21.122min (+0.143) 0.40ng/ul

response 15

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	161.54#
236.00	34.90	103.85#
0.00	0.00	0.00

Quantitation Report (Qedit)

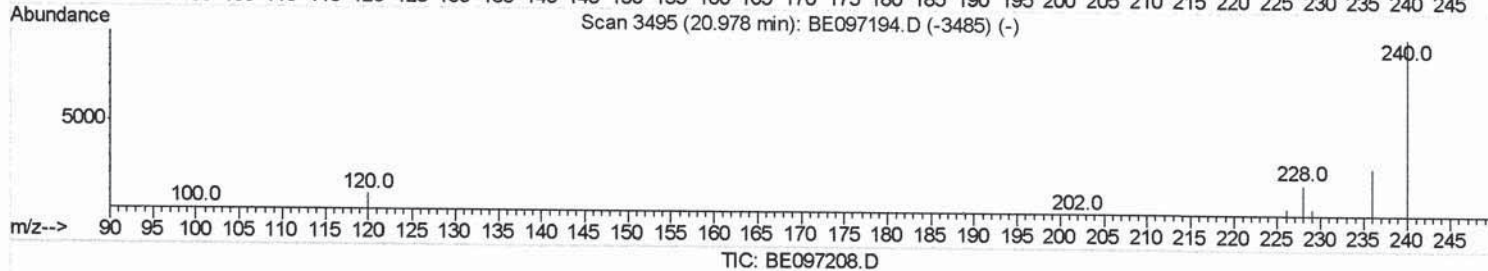
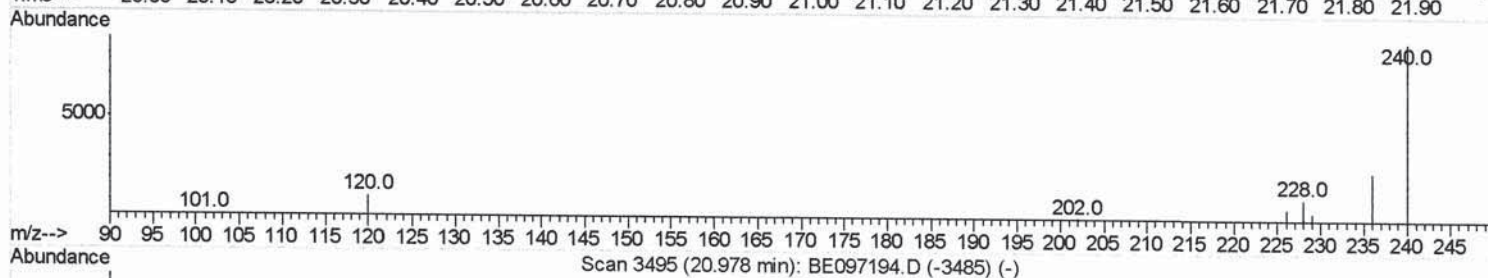
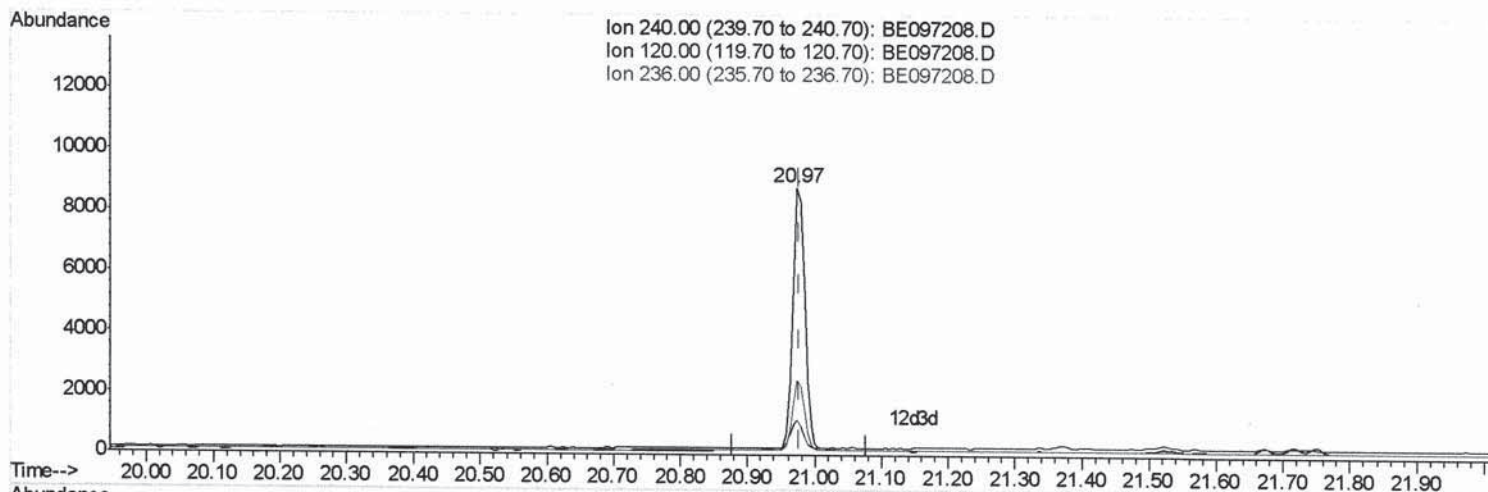
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(16) Chrysene-d12 (I)

20.973min (-0.005) 0.40ng/ul m

response 10865

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	13.24#
236.00	34.90	28.35
0.00	0.00	0.00

598/7/18

Quantitation Report (Qedit)

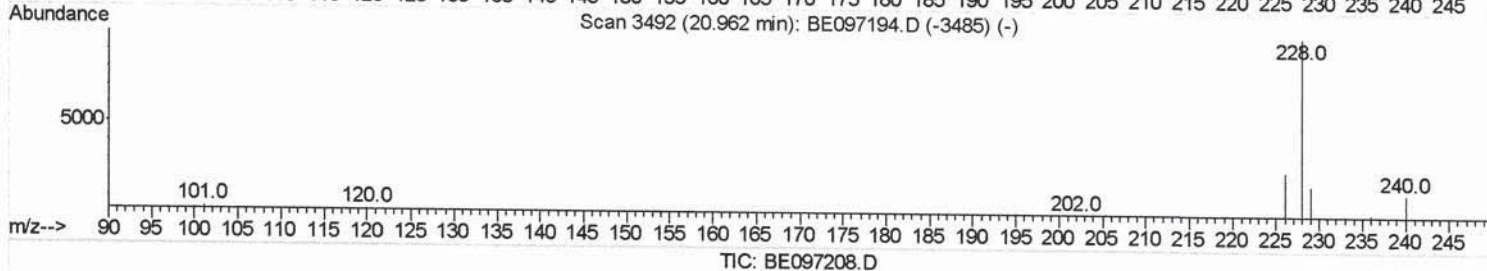
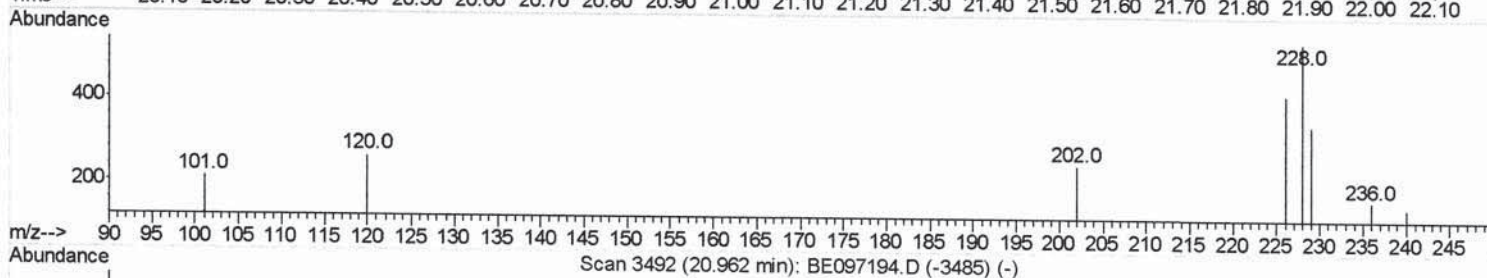
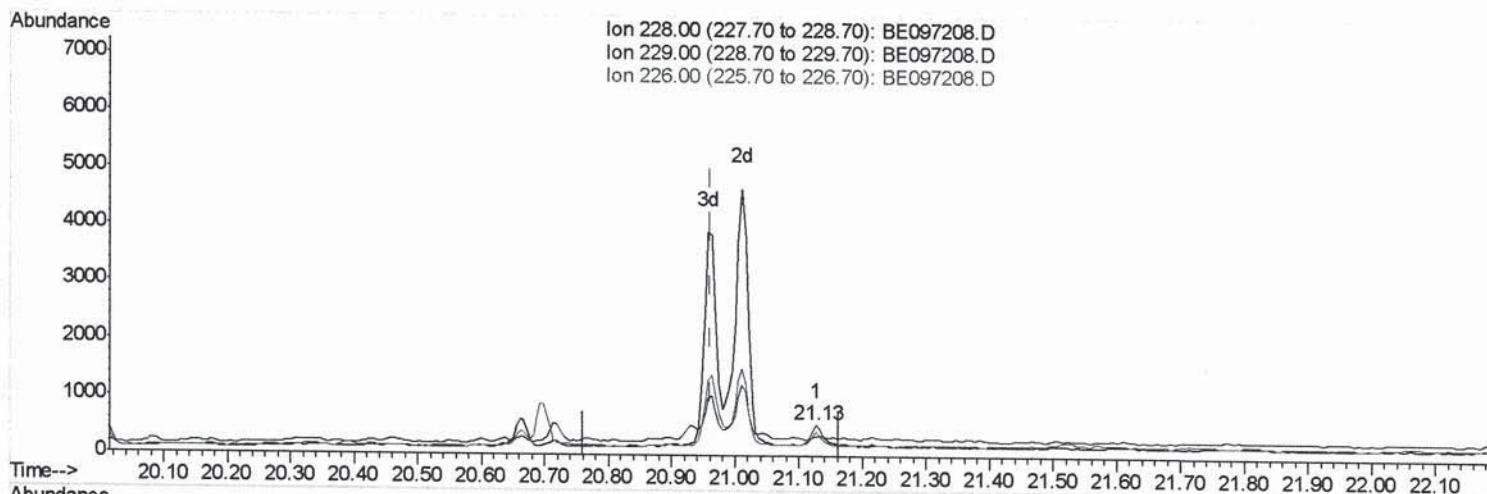
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(18) Benzo(a)anthracene

21.127min (+0.165) 0.02ng/ul

response 563

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	63.72#
226.00	21.30	77.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

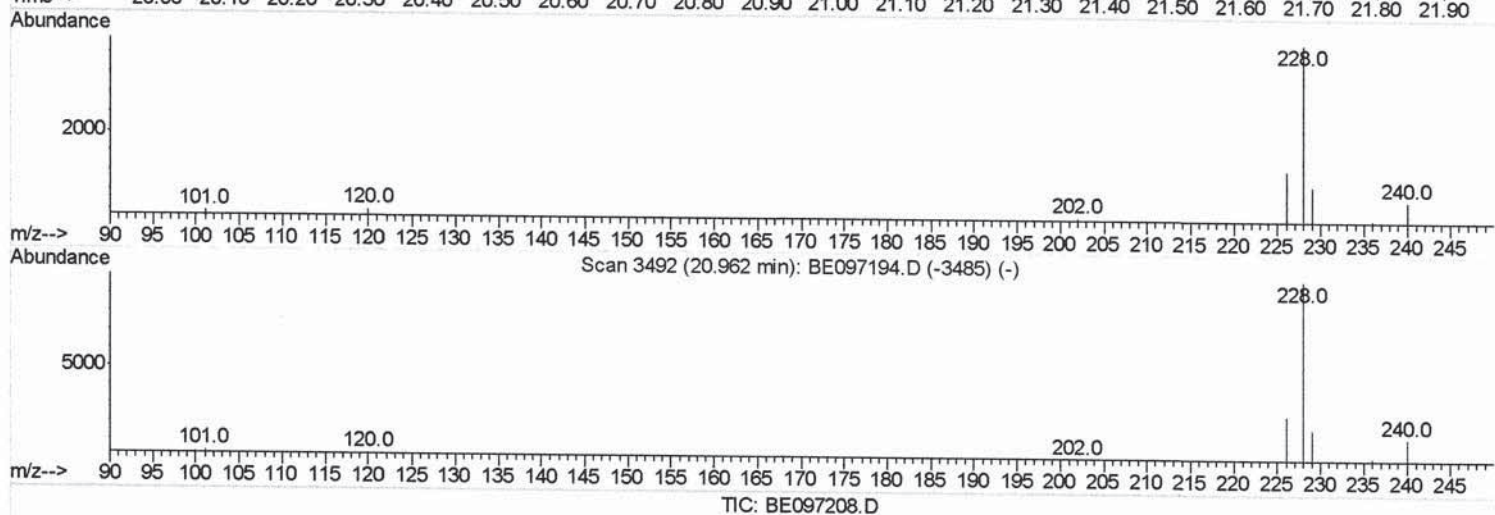
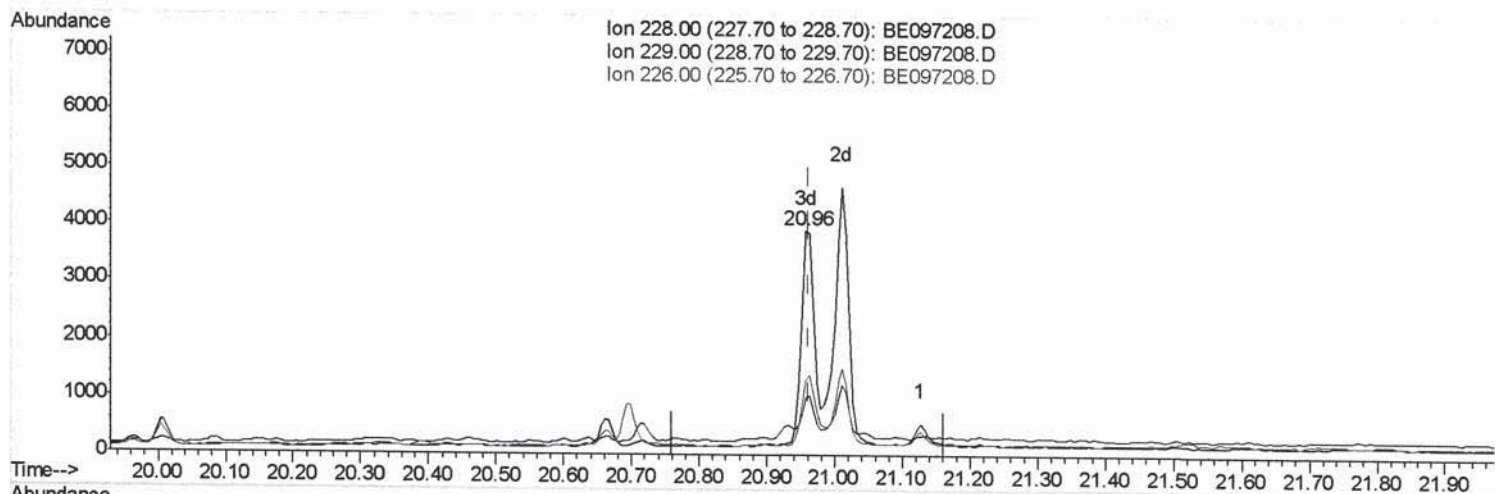
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(18) Benzo(a)anthracene

20.957min (-0.005) 0.16ng/ul m

response 4851

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	25.49
226.00	21.30	33.79#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

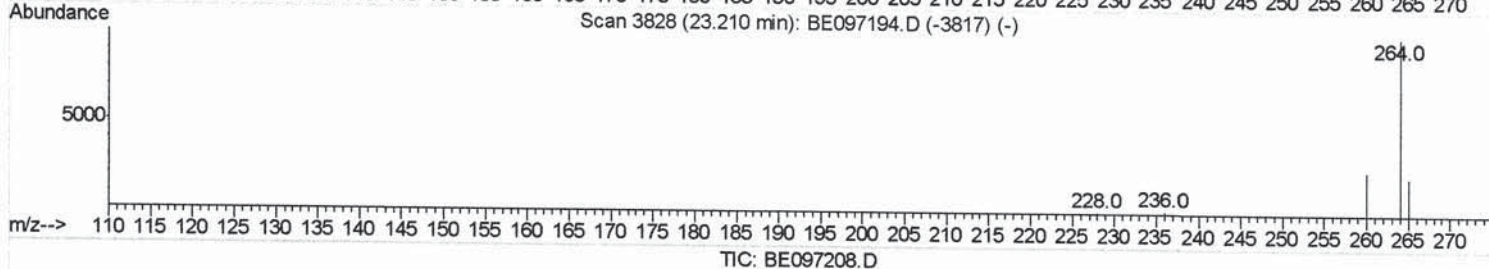
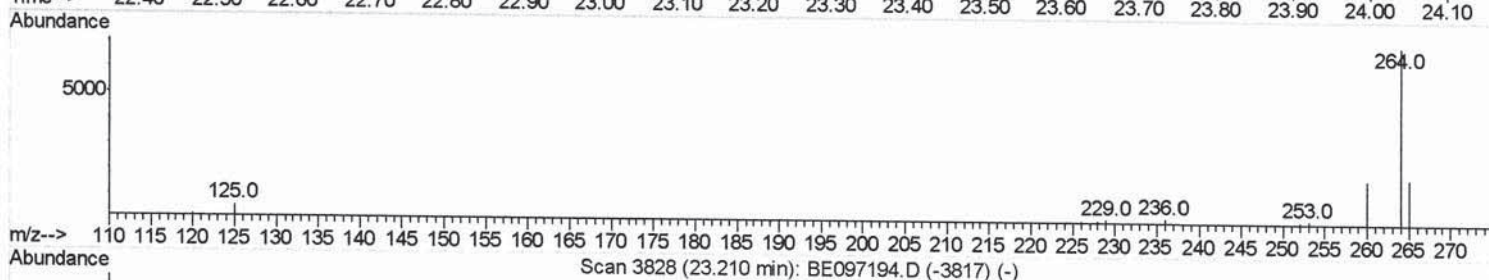
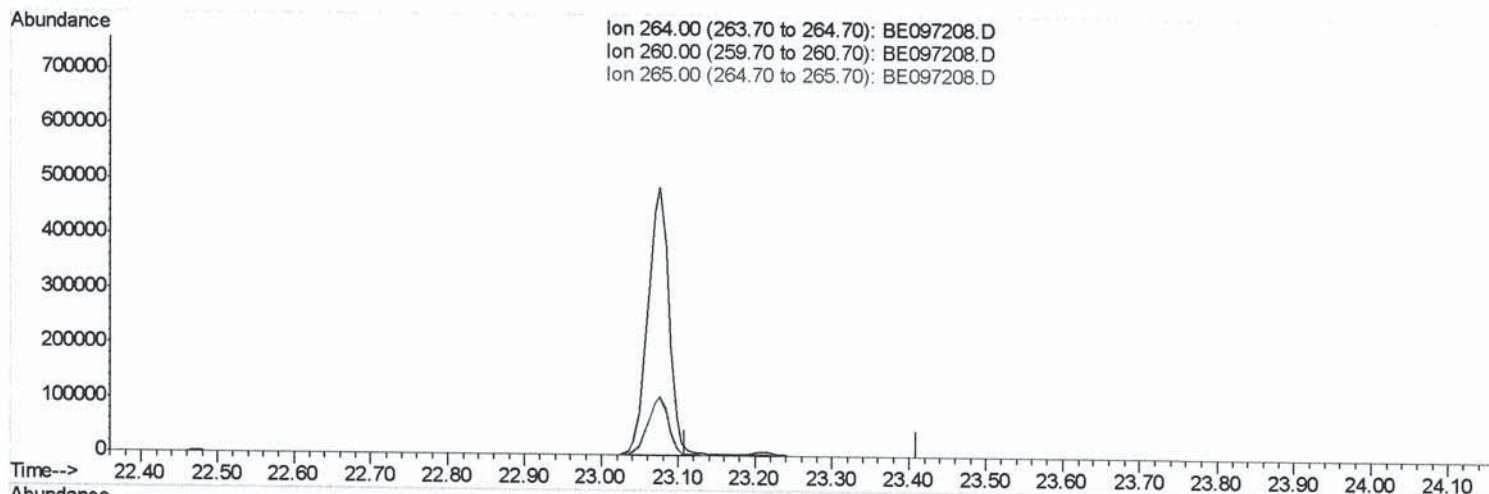
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097208.D
Acq On : 4 Aug 2018 19:13
Operator : SJ/JU
Sample : J4206-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:24:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.210min (-23.210) 0.00ng/ul

response 0

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

Quantitation Report (Qedit)

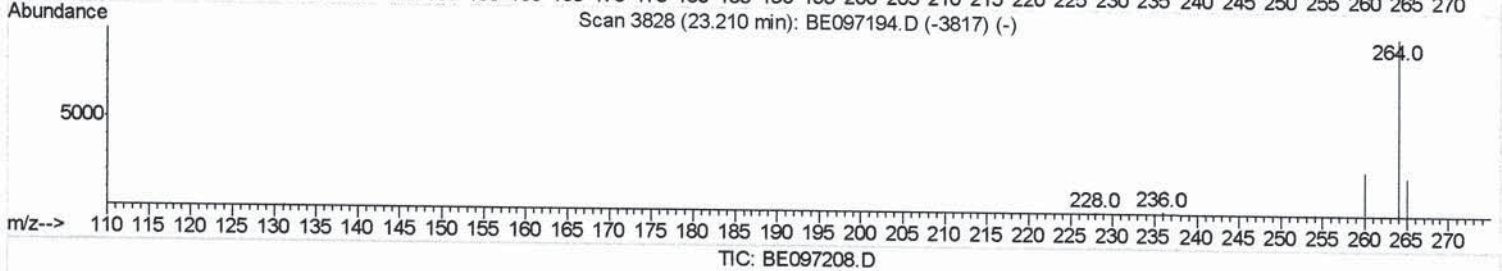
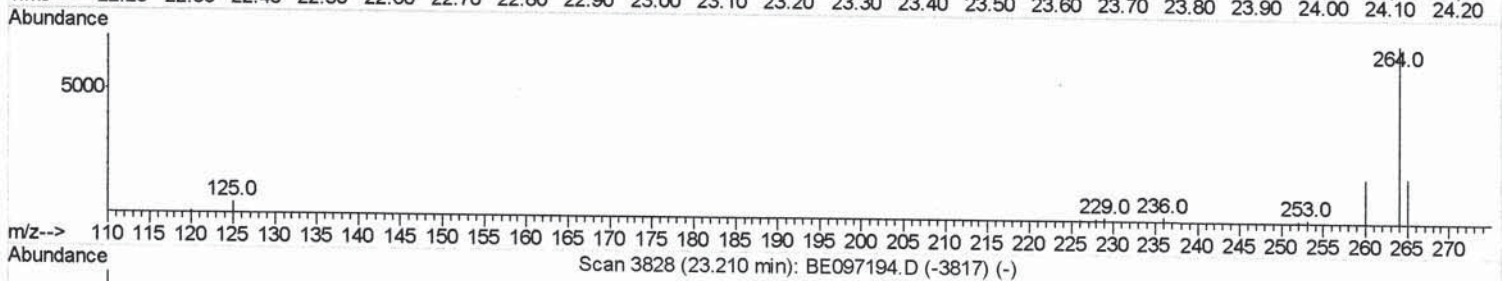
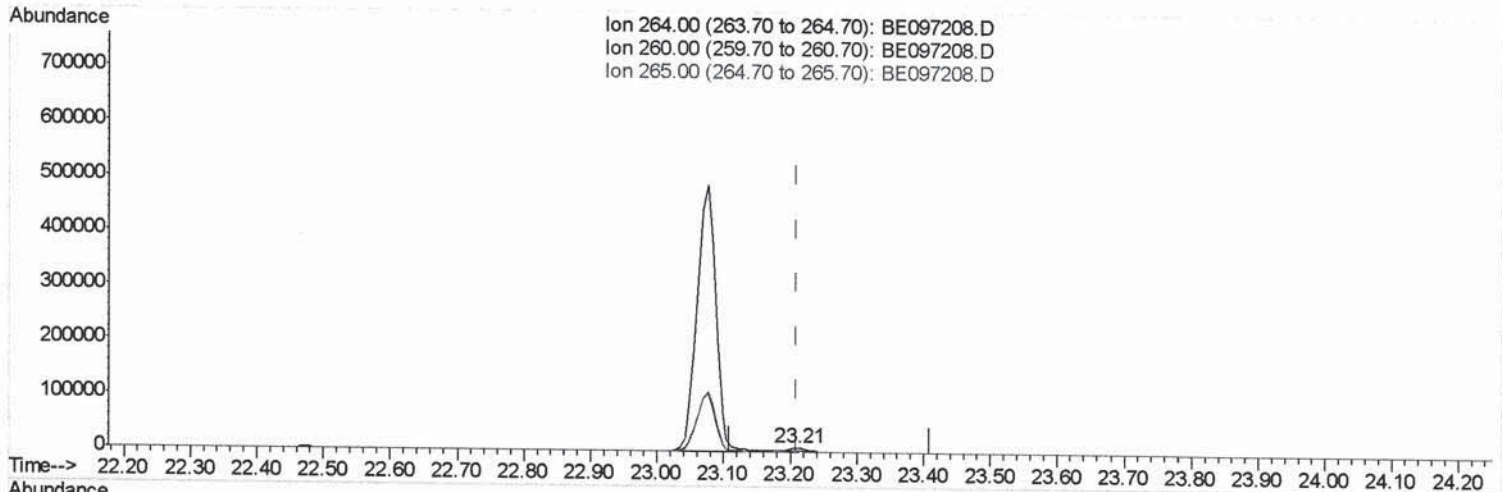
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097208.D
Acq On : 4 Aug 2018 19:13
Operator : SJ/JU
Sample : J4206-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:24:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.210min (+0.000) 0.40ng/ul m

response 10296

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.97
265.00	103.50	26.63#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

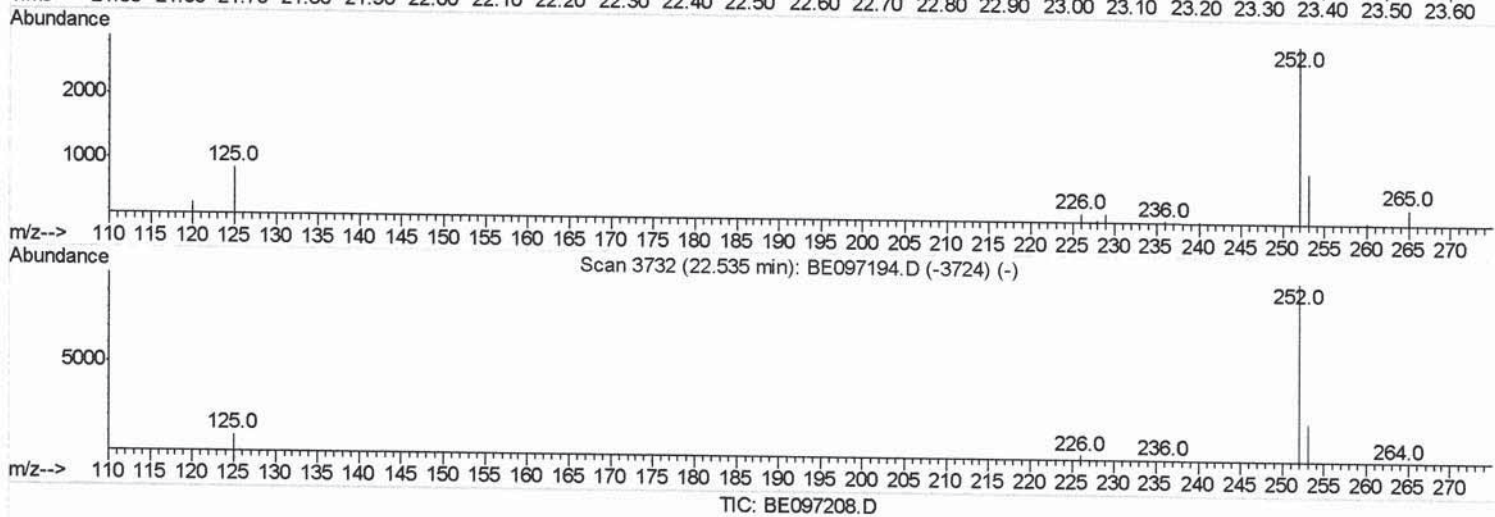
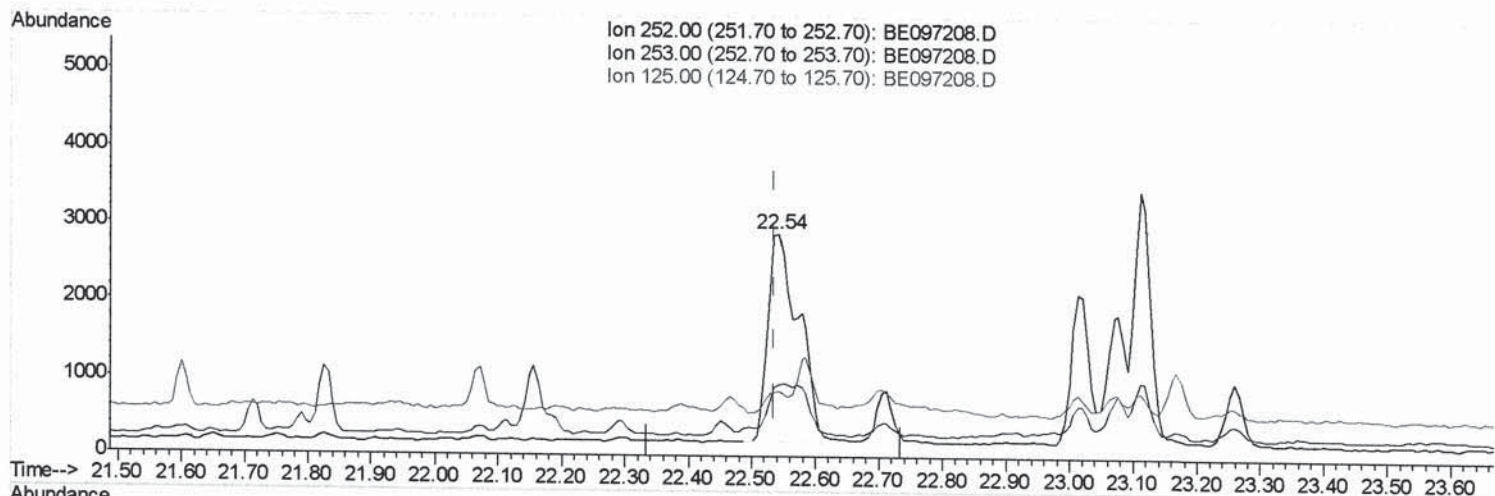
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE080418\
Data File : BE097208.D
Acq On : 4 Aug 2018 19:13
Operator : SJ/JU
Sample : J4206-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:26:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.33ng/ul

response 9162

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.34
125.00	17.50	29.58
0.00	0.00	0.00

Quantitation Report (Qedit)

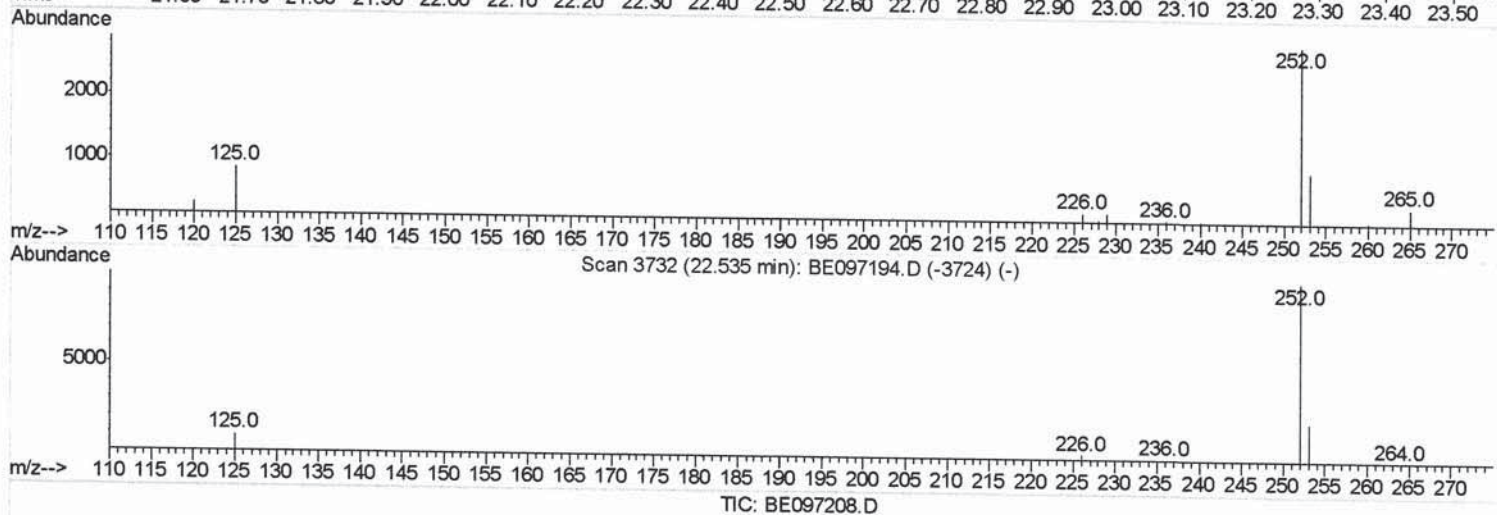
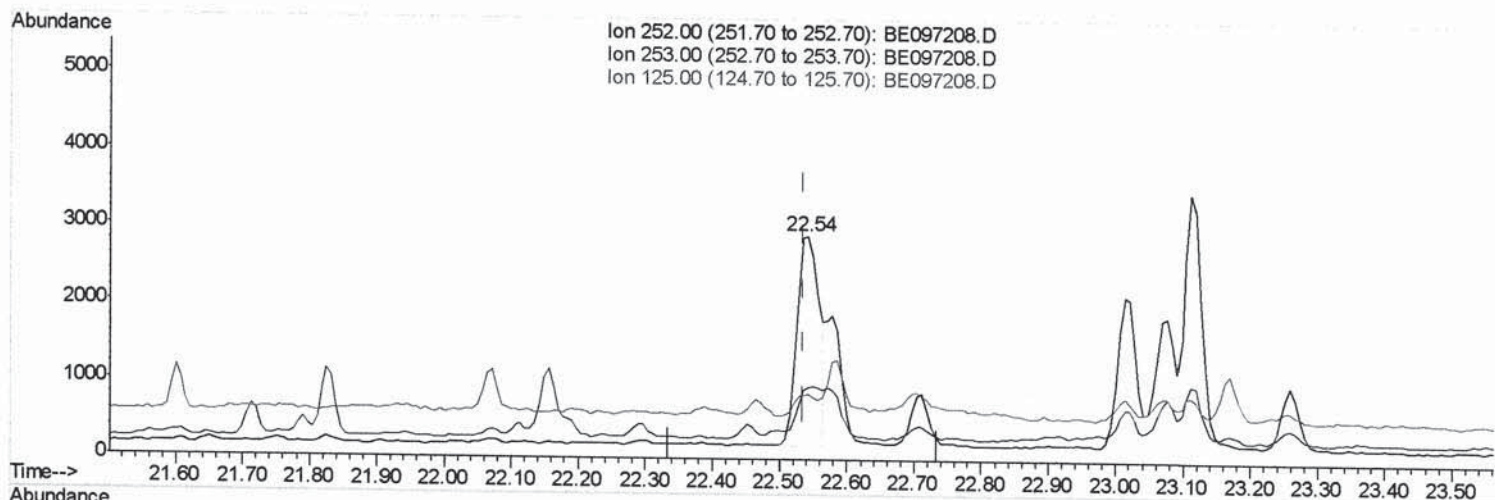
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
Data File : BE097208.D
Acq On : 4 Aug 2018 19:13
Operator : SJ/JU
Sample : J4206-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JJ1K0

Manual Integrations
APPROVED

Sohil
8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:26:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 06 00:53:27 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.23ng/ul m

response 6379

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	32.34
125.00	17.50	29.58
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (Qedit)

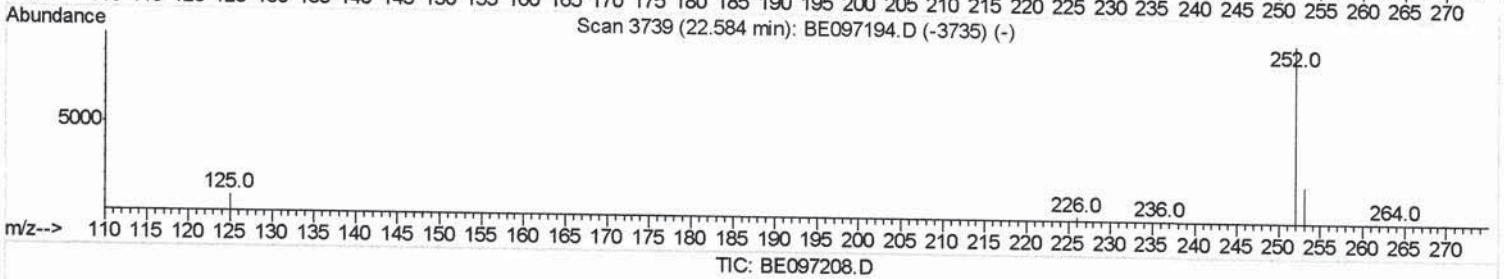
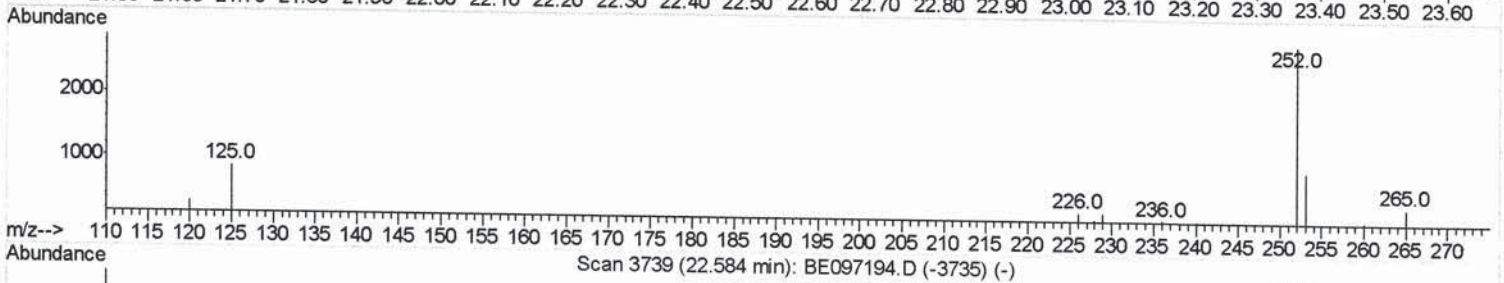
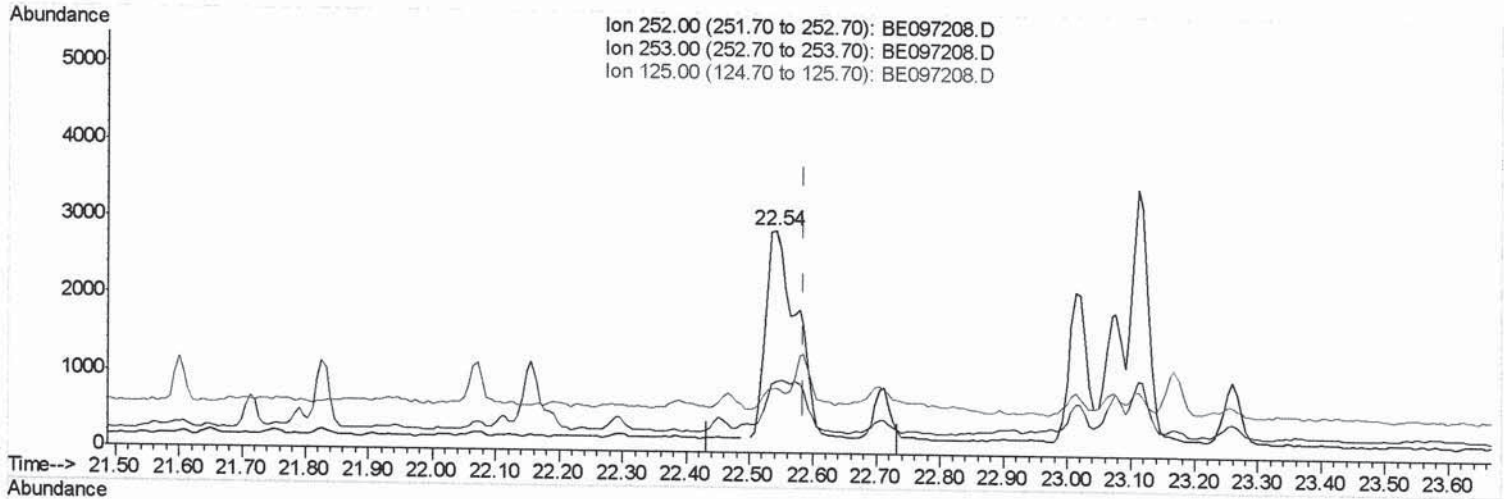
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097208.D
 Acq On : 4 Aug 2018 19:13
 Operator : SJ/JU
 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K0

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:26:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.542min (-0.042) 0.30ng/ul
 response 9162

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	32.34
125.00	17.10	29.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

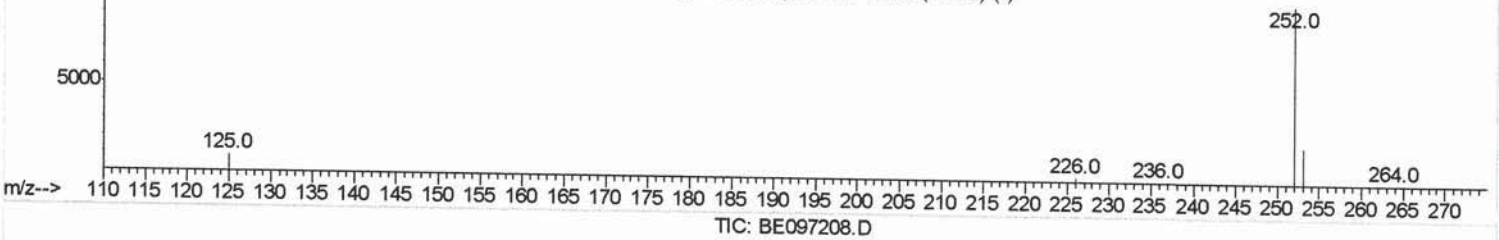
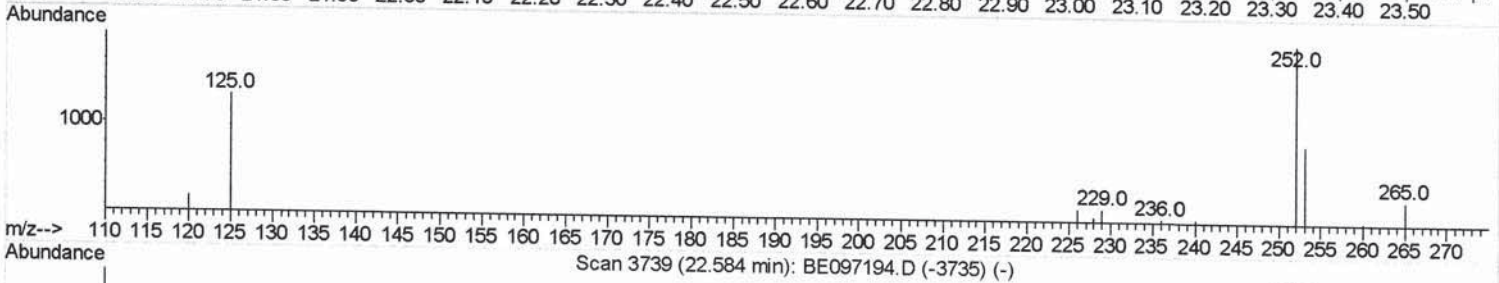
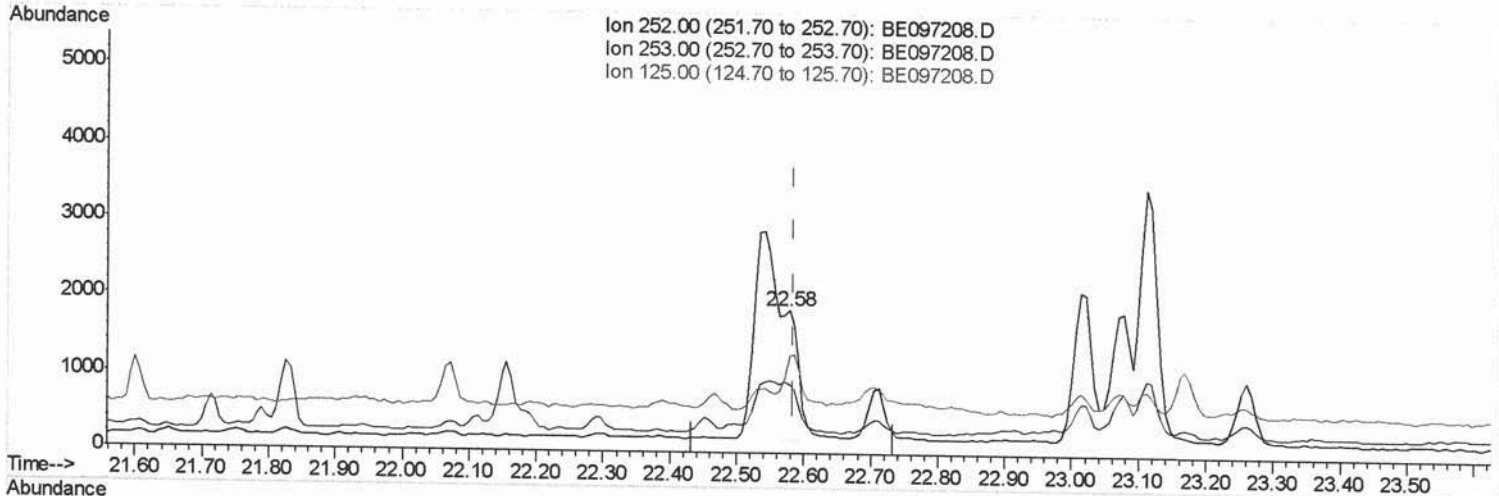
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097208.D
 Acq On : 4 Aug 2018 19:13
 Operator : SJ/JU
 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K0

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:26:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (-0.007) 0.09ng/ul m

response 2767

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	48.11#
125.00	17.10	68.27#
0.00	0.00	0.00

SJ 8/7/18

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080418\
 Data File : BE097208.D
 Acq On : 4 Aug 2018 19:13
 Operator : SJ/JU
 Sample : J4206-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JJ1K0

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:50:56 PM

Quant Time: Aug 06 03:28:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 06 00:53:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1344	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7141	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4597	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	10582m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10865m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10296m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.72	152	4056	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11823m	0.33	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.18	128	722	0.042	ng/ul#	82
5) 2-Methylnaphthalene	11.80	142	242	0.021	ng/ul	99
7) Acenaphthylene	13.73	152	514	0.026	ng/ul#	73
9) Fluorene	15.08	166	340	0.021	ng/ul#	85
12) Phenanthrene	16.81	178	7209m	0.267	ng/ul	
13) Anthracene	16.90	178	985m	0.039	ng/ul	
15) Fluoranthene	18.84	202	10385m	0.291	ng/ul	
17) Pyrene	19.21	202	13112	0.450	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	4851m	0.156	ng/ul	
19) Chrysene	21.01	228	6394	0.200	ng/ul	93
21) Benzo(b)fluoranthene	22.54	252	6379m	0.227	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	2767m	0.091	ng/ul	
23) Benzo(a)pyrene	23.11	252	5805	0.207	ng/ul	91
24) Indeno(1,2,3-cd)pyrene	25.50	276	4480	0.127	ng/ul#	76
25) Dibenzo(a,h)anthracene	25.52	278	955	0.033	ng/ul#	35
26) Benzo(a,h,i)perylene	26.20	276	5451	0.179	ng/ul	93

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