

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (QT Reviewed)

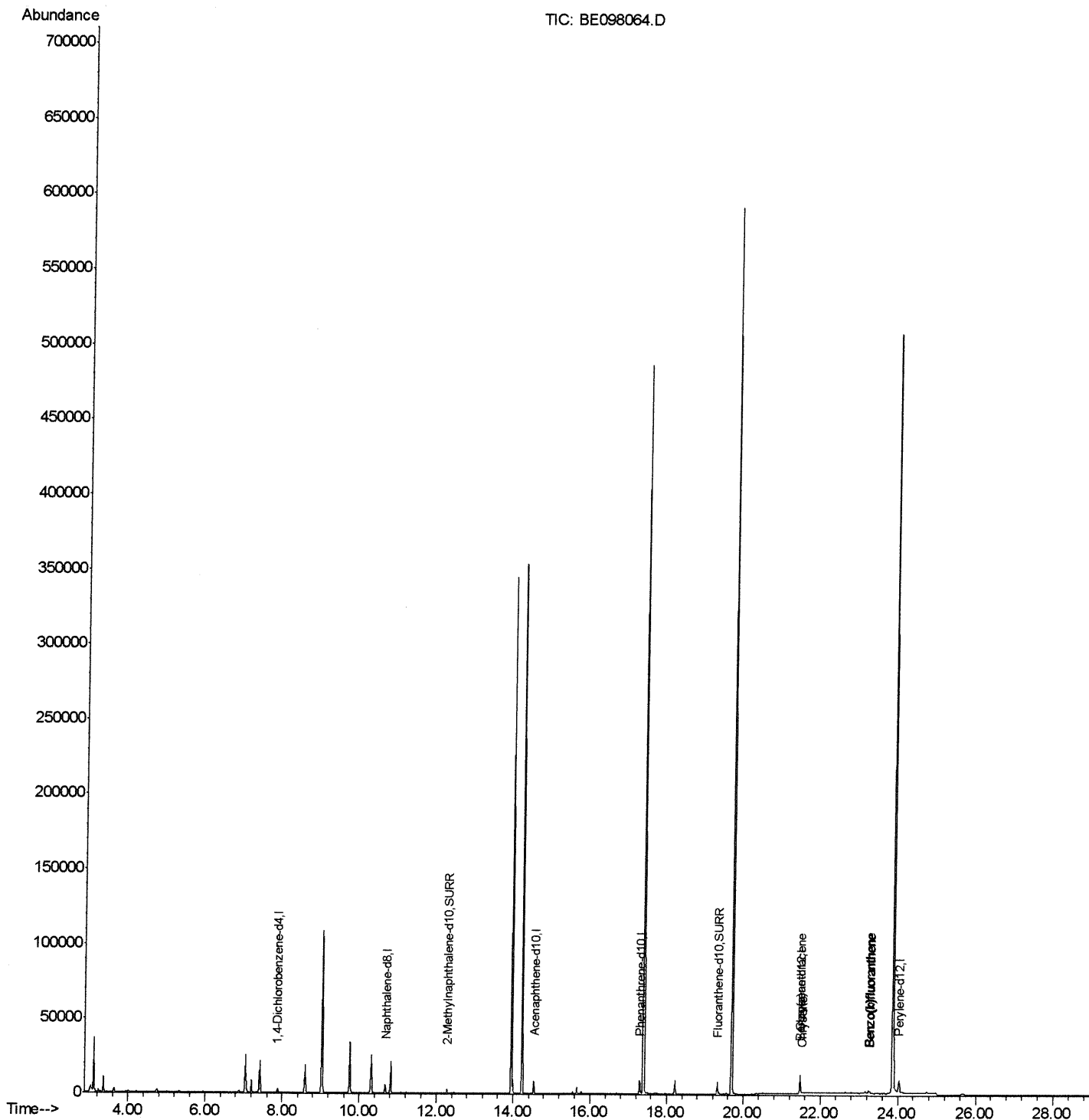
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:53:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

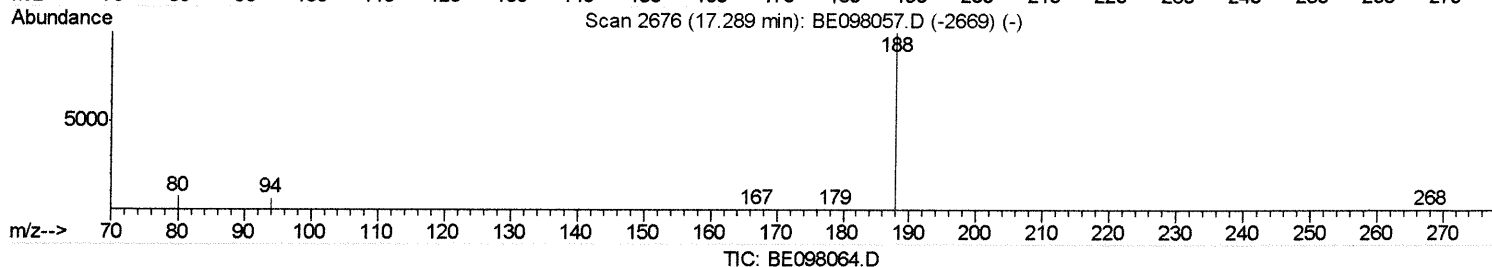
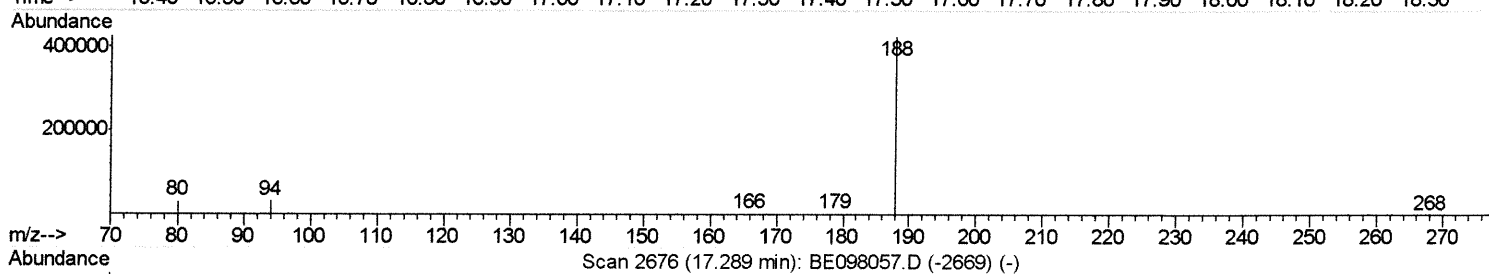
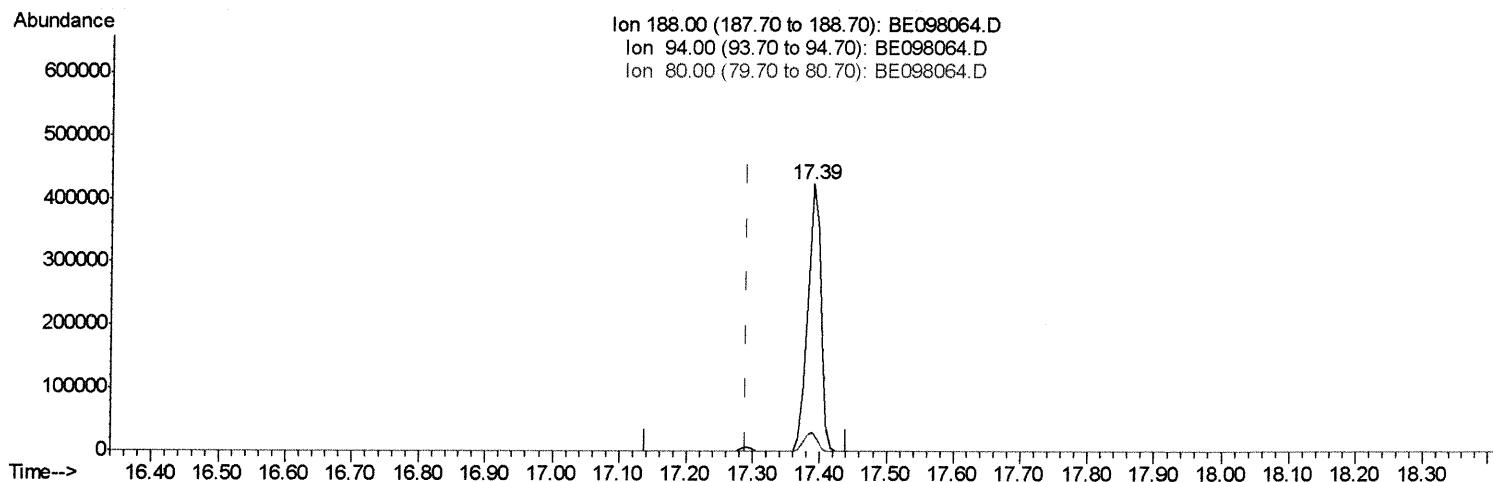
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 05:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.388min (+0.099) 0.40ng/ul

response 580535

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	7.30
80.00	8.50	7.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

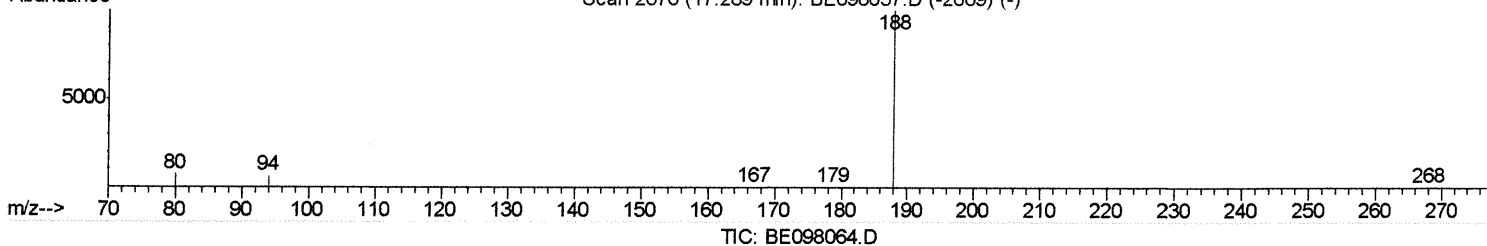
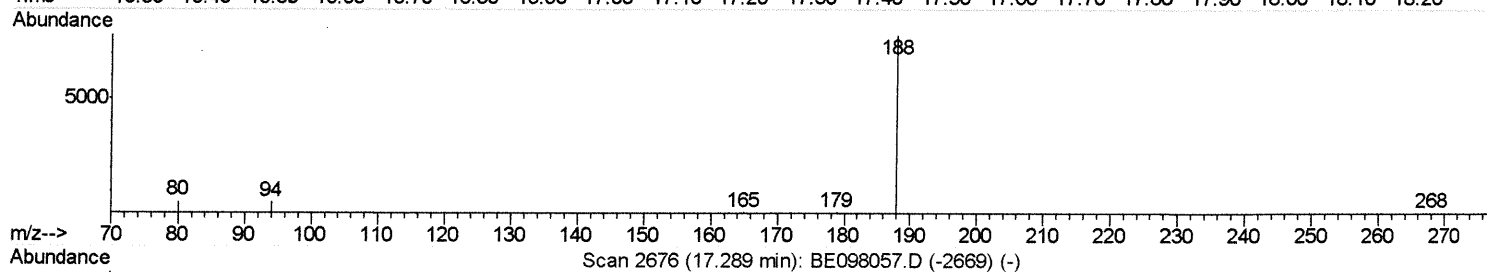
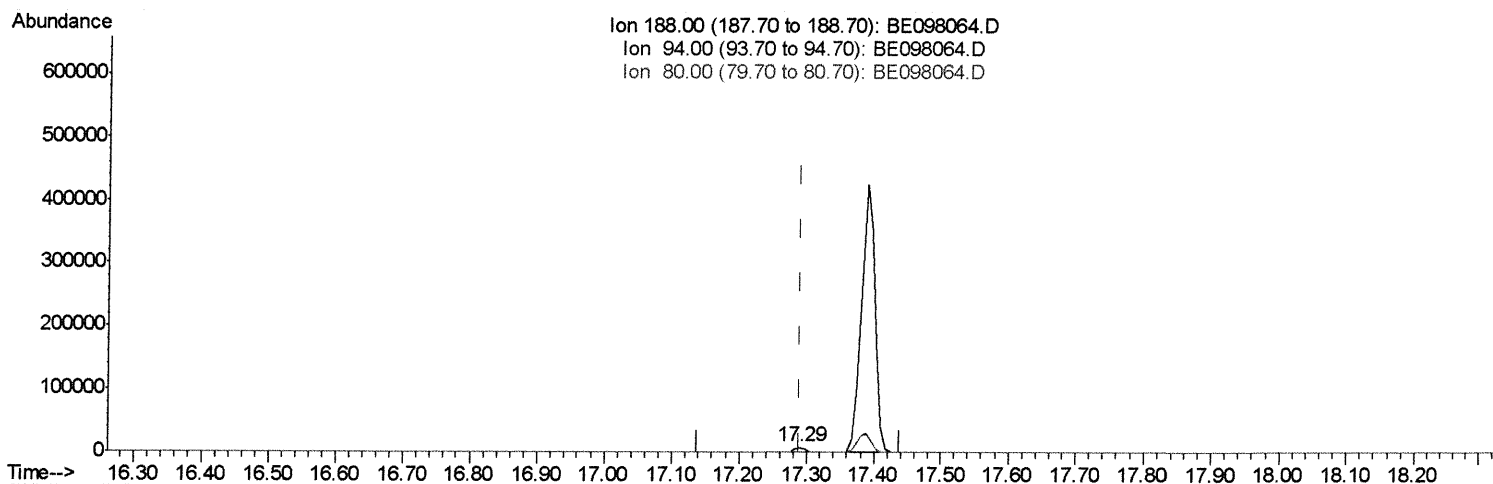
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 05:37:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.290min (+0.000) 0.40ng/ul m > 52 10/29/18

response 10867

Ion	Exp%	Act%
188.00	100	100
94.00	7.30	6.52
80.00	8.50	7.08
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

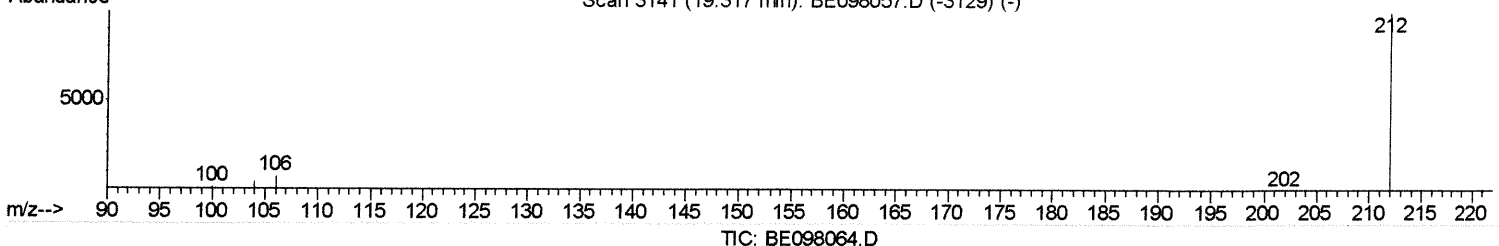
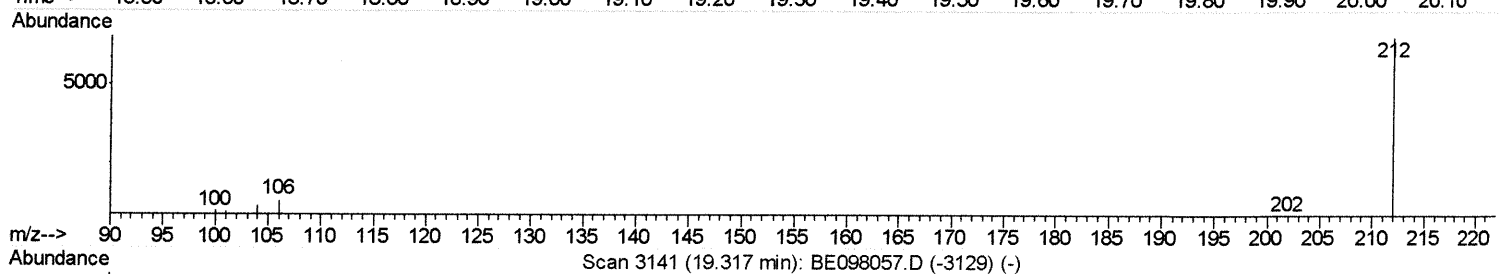
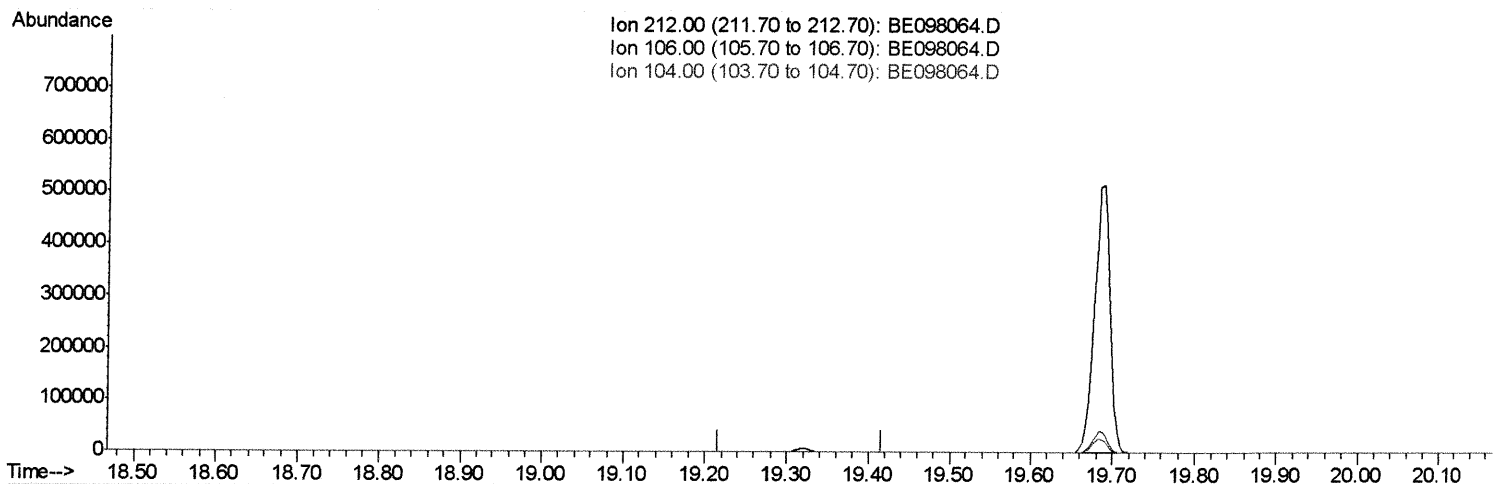
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:50:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
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(14) Fluoranthene-d10 (SURR)

19.317min (-19.317) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	7.20	0.00#
104.00	4.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

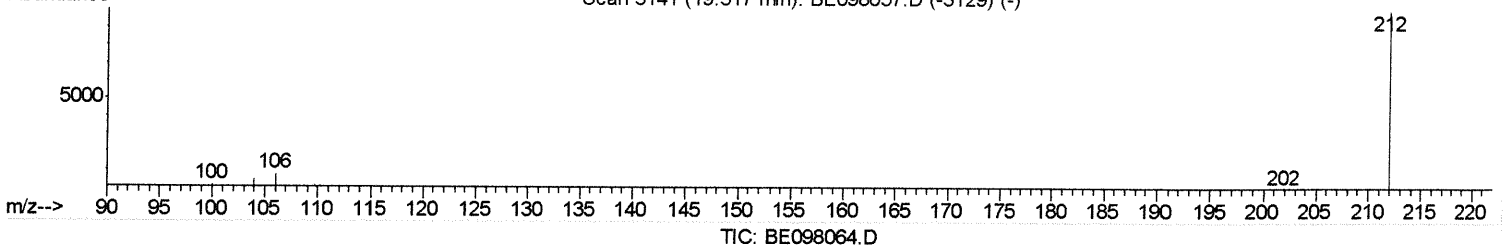
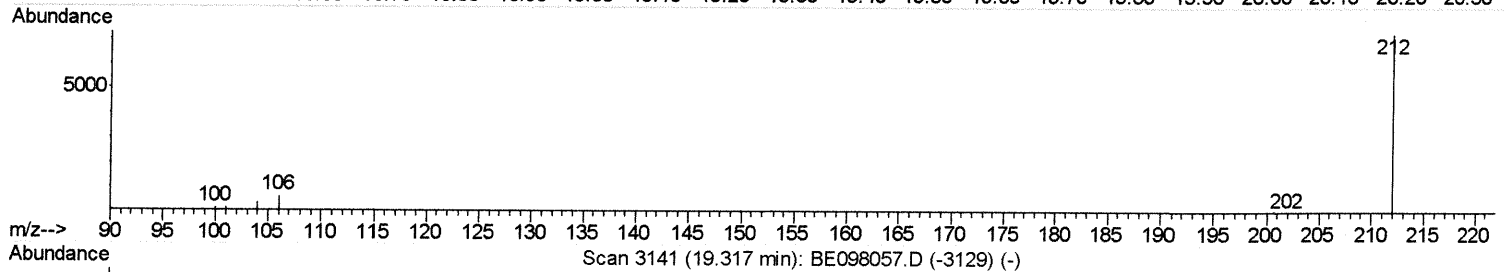
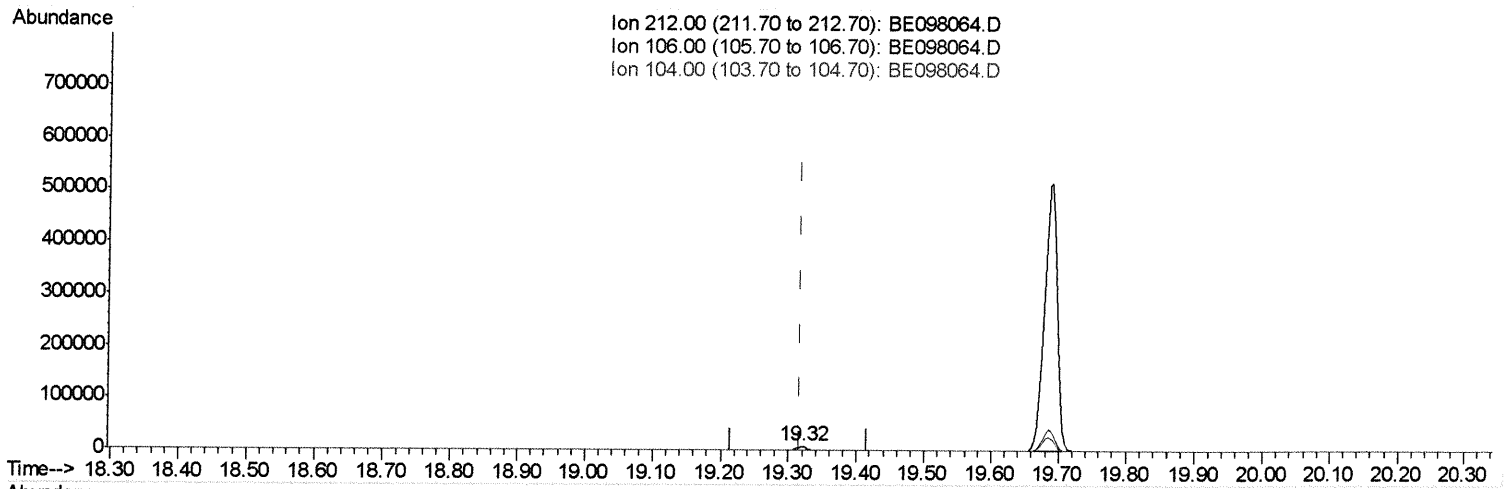
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:50:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(14) Fluoranthene-d10 (SURR)

19.320min (+0.003) 0.27ng/ul m> SJ 10/24/18

response 9450

Ion	Exp%	Act%
212.00	100	100
106.00	7.20	0.00#
104.00	4.20	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

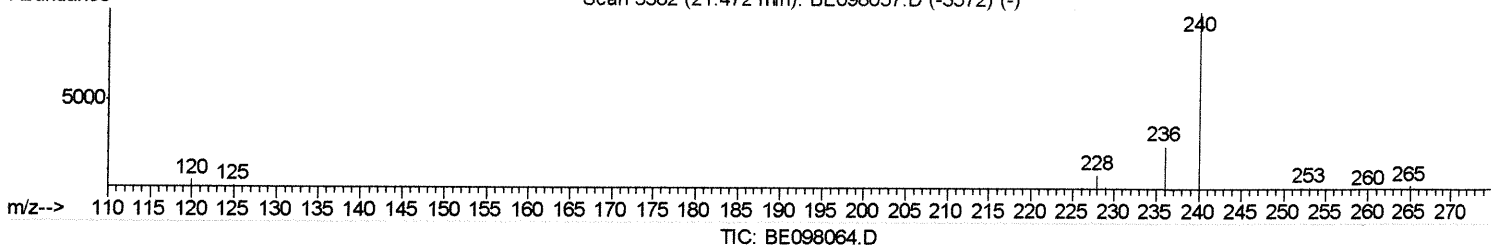
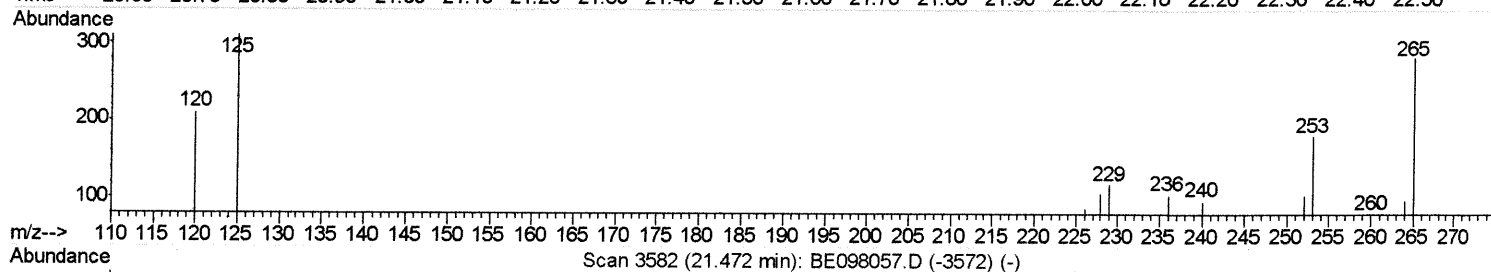
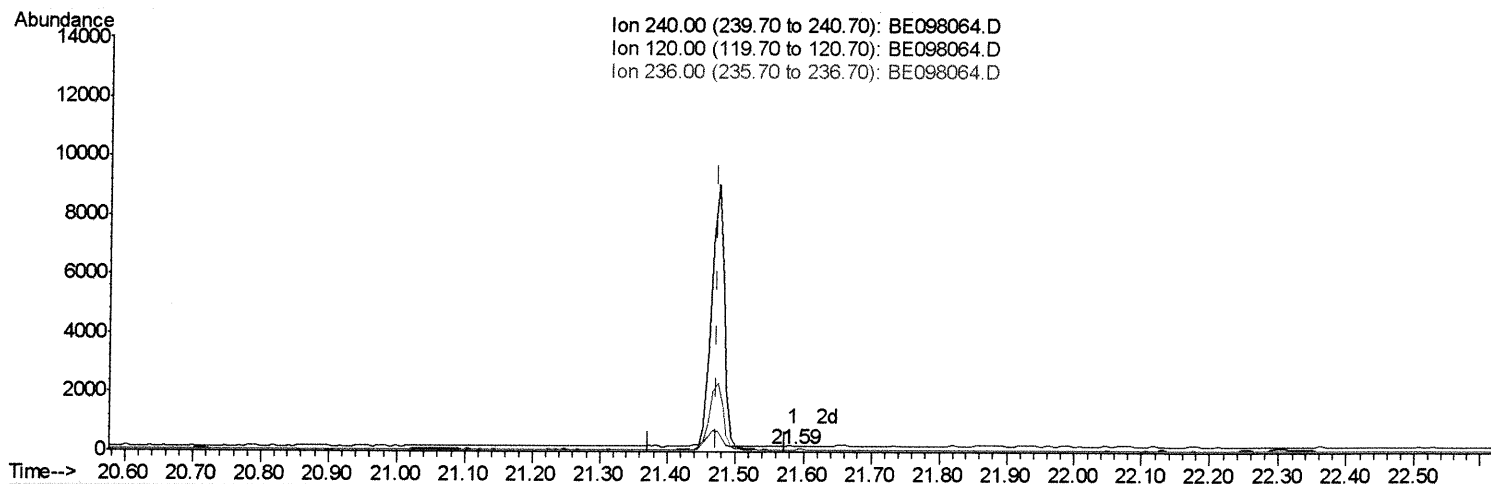
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:50:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(16) Chrysene-d12 (I)

21.585min (+0.113) 0.40ng/ul

response 19

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	217.71#
236.00	26.20	108.33#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

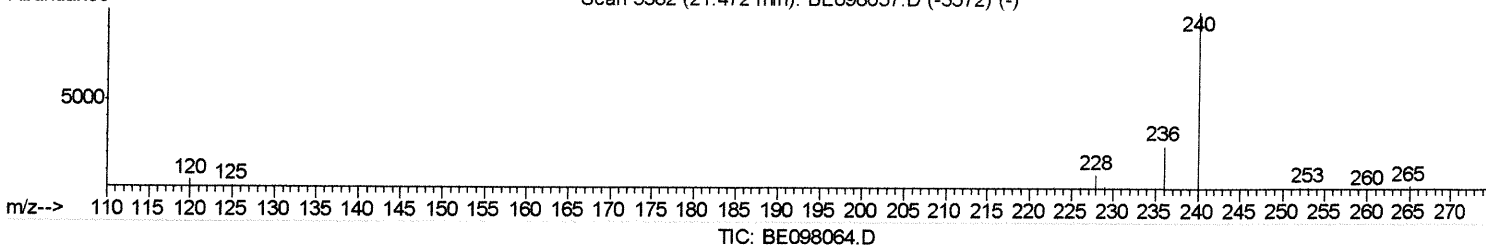
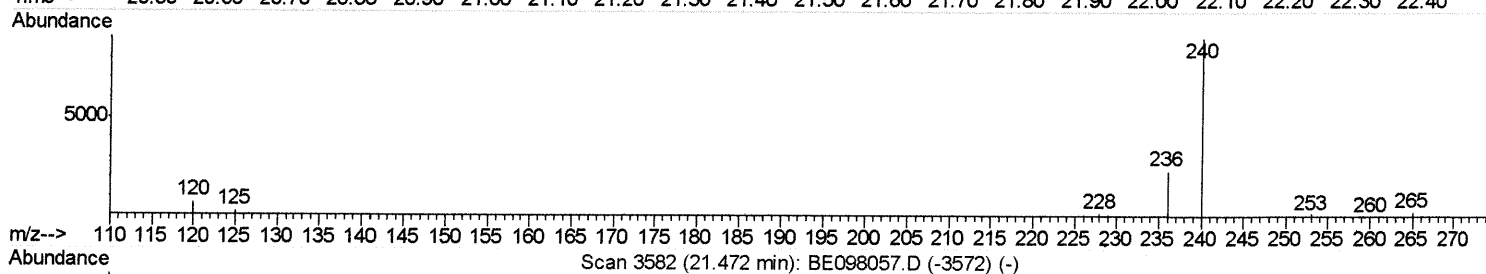
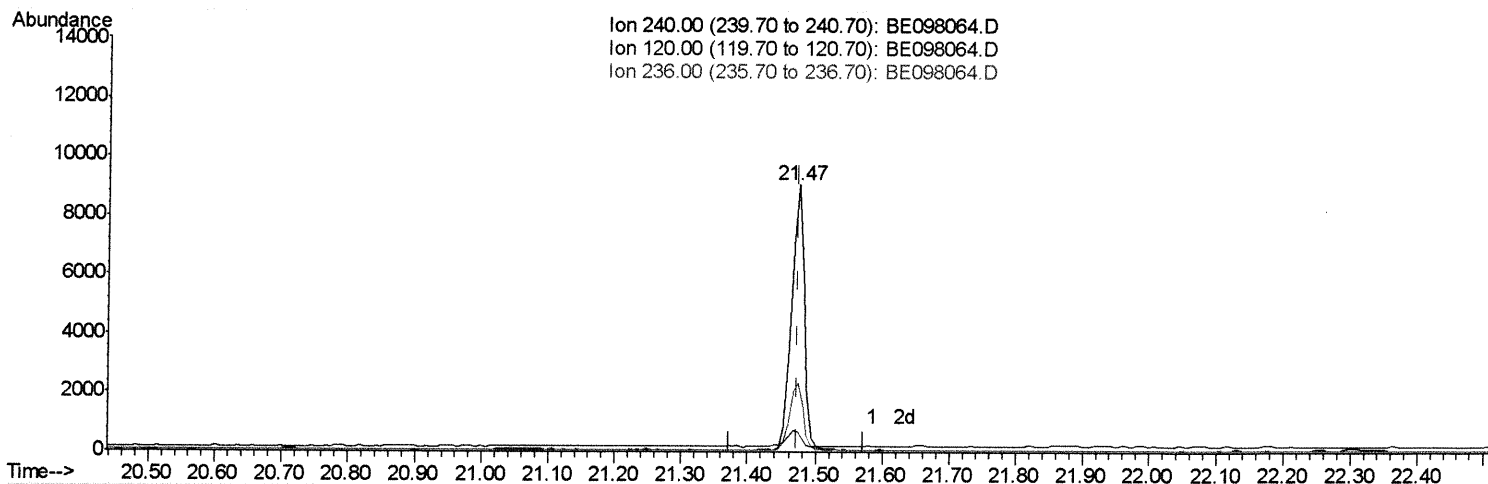
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:50:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.473min (+0.000) 0.40ng/ul m> SJ 10/29/18

response 11956

Ion	Exp%	Act%
240.00	100	100
120.00	7.50	7.74
236.00	26.20	26.02
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

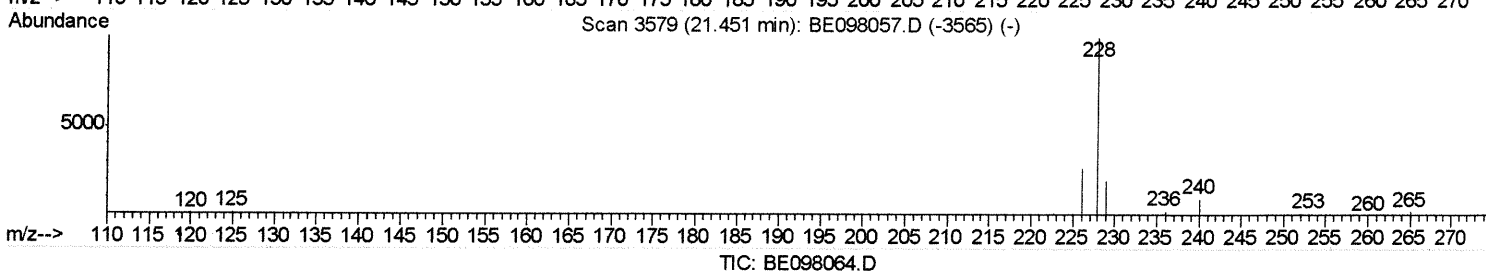
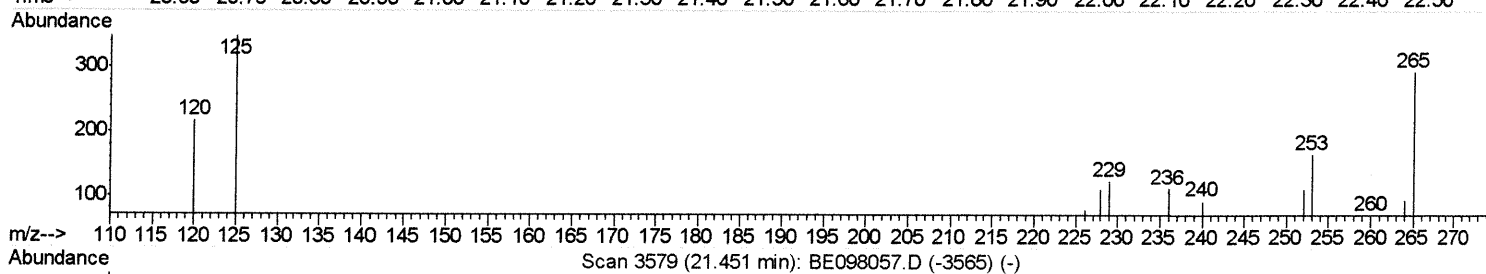
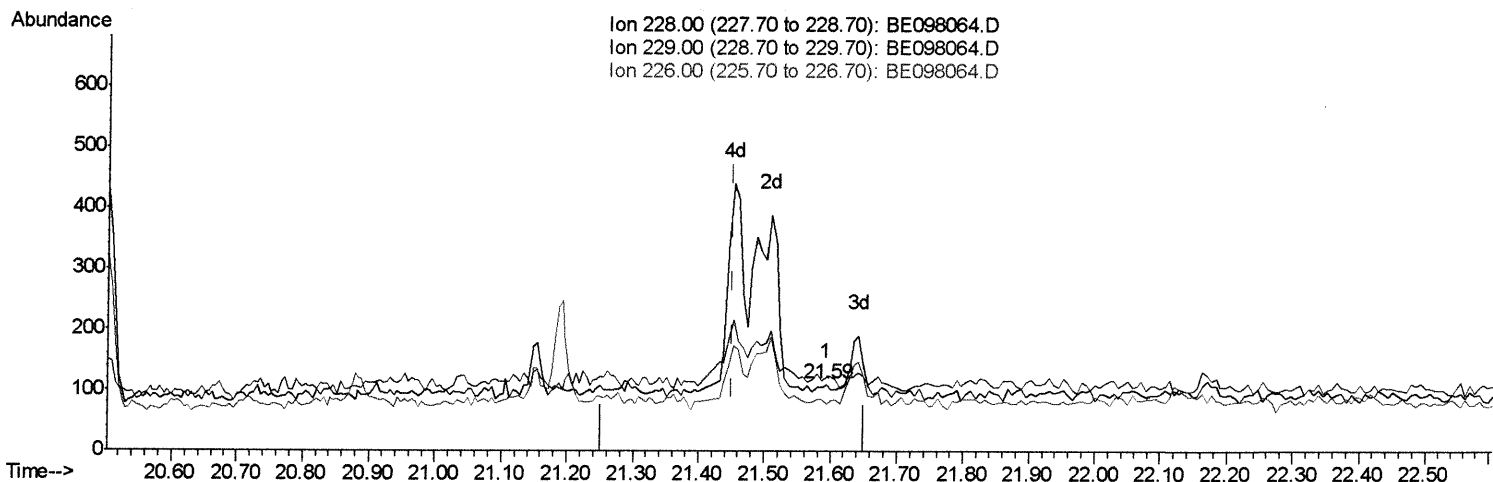
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:51:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(18) Benzo(a)anthracene

21.593min (+0.141) 0.00ng/ul

response 32

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	111.71#
226.00	27.80	71.17#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

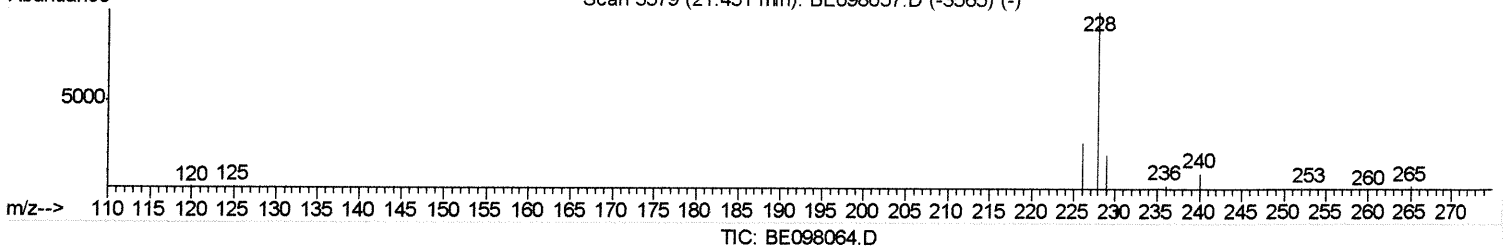
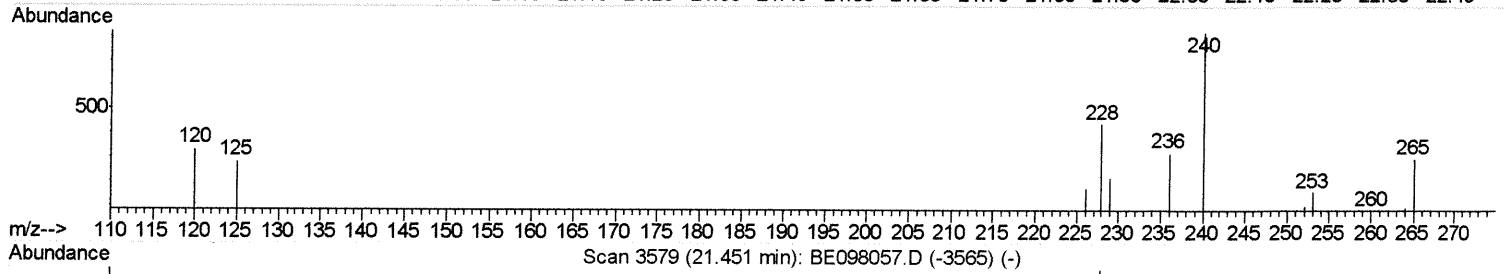
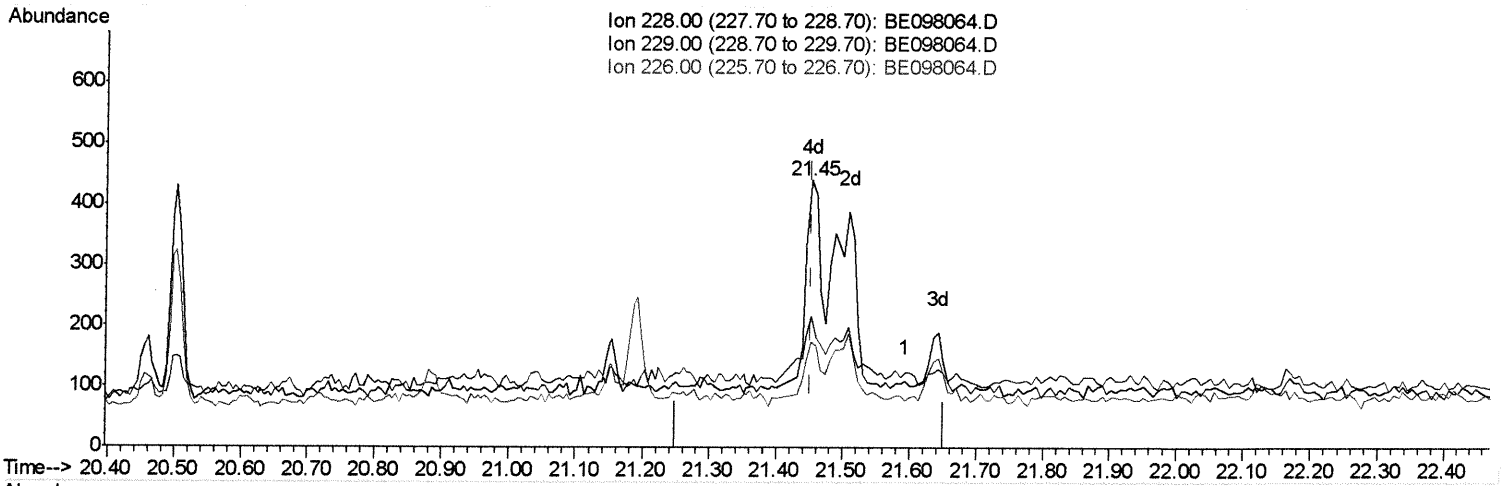
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:51:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(18) Benzo(a)anthracene

21.452min (+0.001) 0.02ng/ul m> SJ 10/29/18

response 810

Ion	Exp%	Act%
228.00	100	100
229.00	20.10	49.32#
226.00	27.80	39.55#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

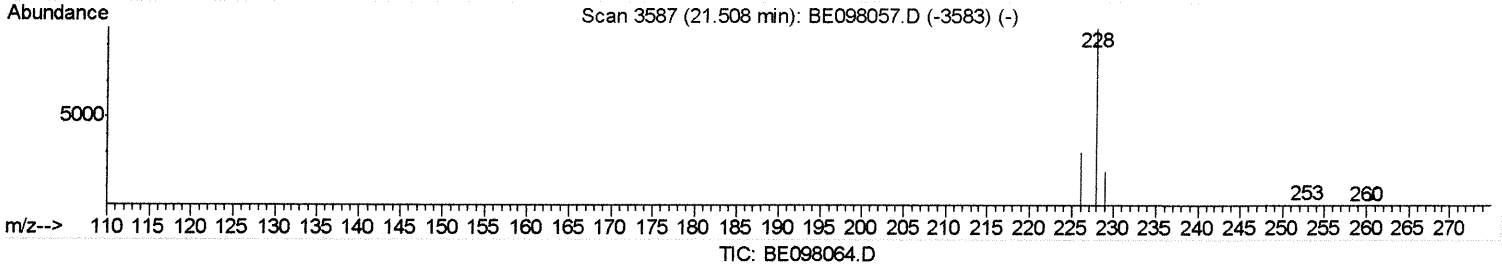
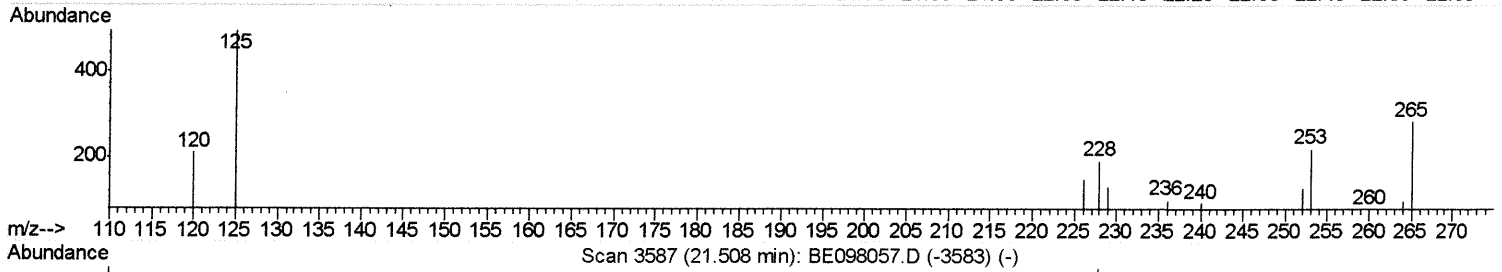
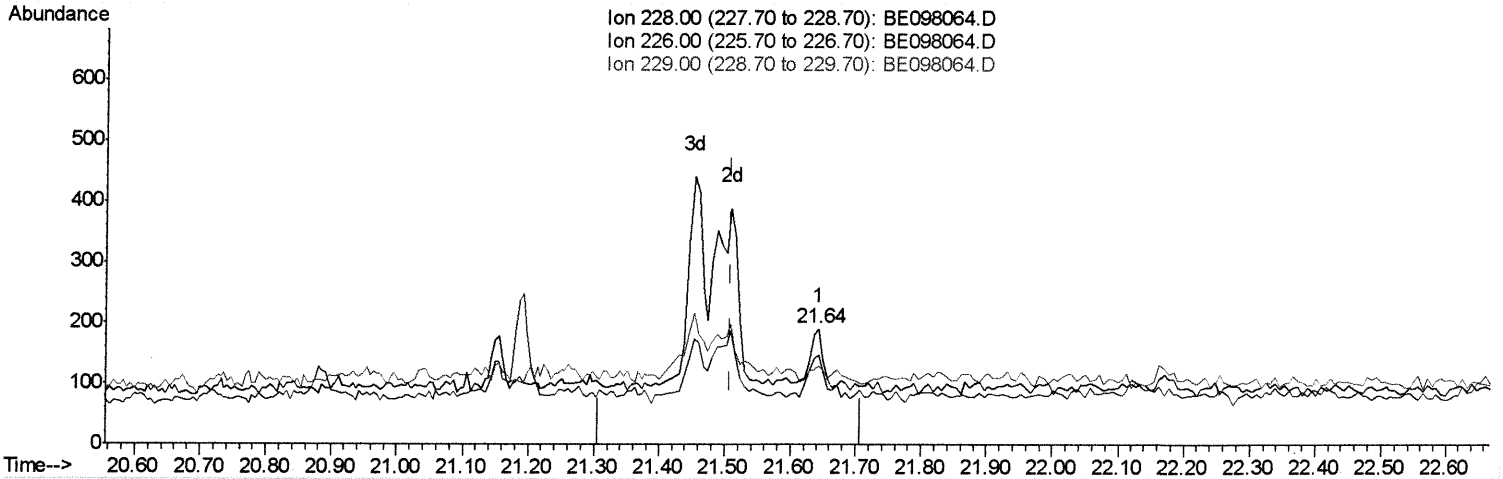
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:51:02 2018
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(19) Chrysene

21.642min (+0.134) 0.00ng/ul

response 122

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	77.49#
229.00	20.50	68.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

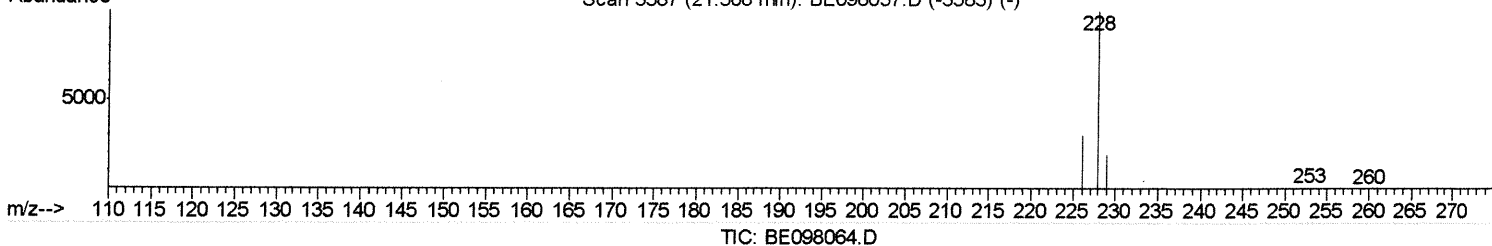
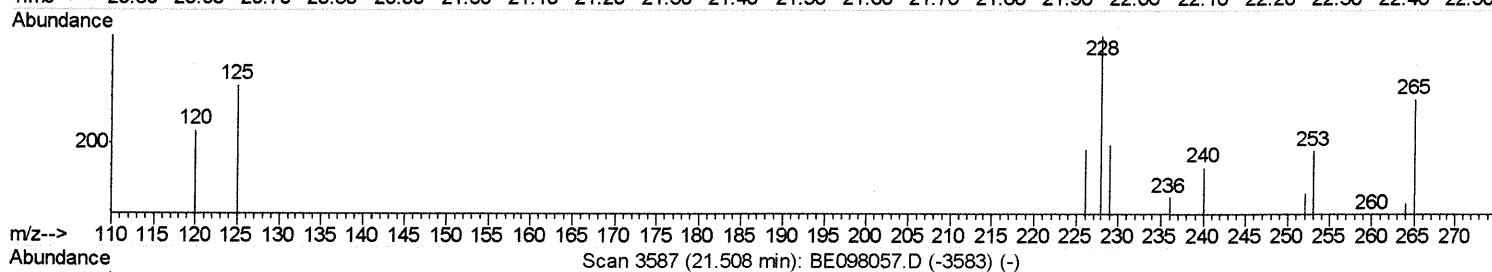
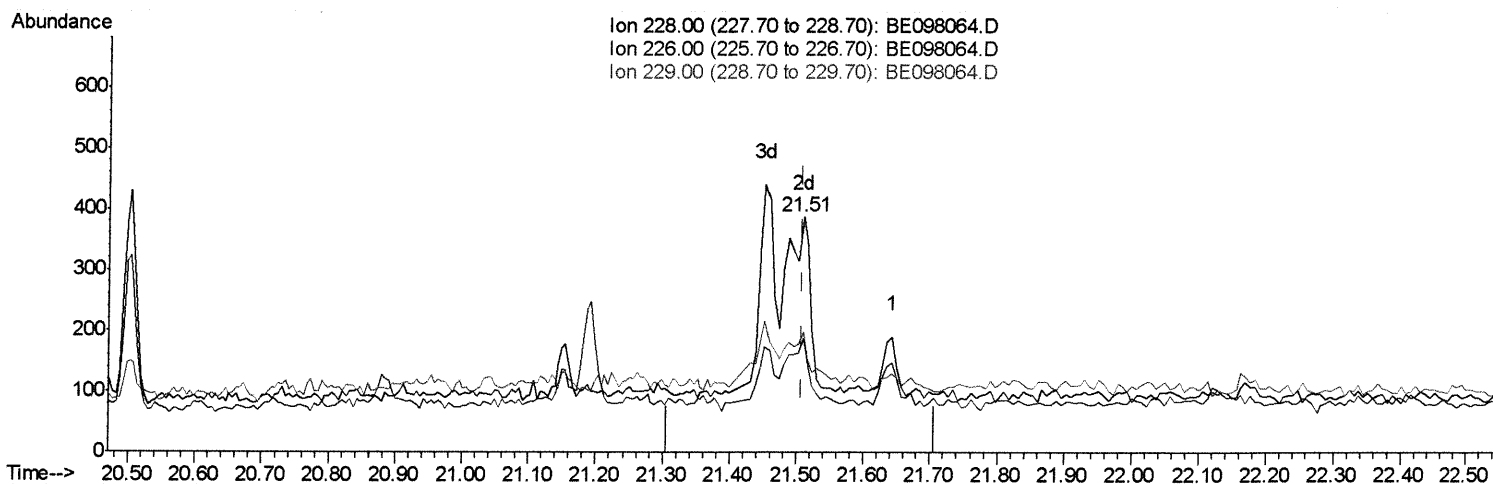
Data File : BE098064.D
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Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual Integrations
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(19) Chrysene

21.508min (+0.000) 0.02ng/ul m > SJ 10/29/18

response 669

Ion	Exp%	Act%
228.00	100	100
226.00	30.80	48.71#
229.00	20.50	51.03#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

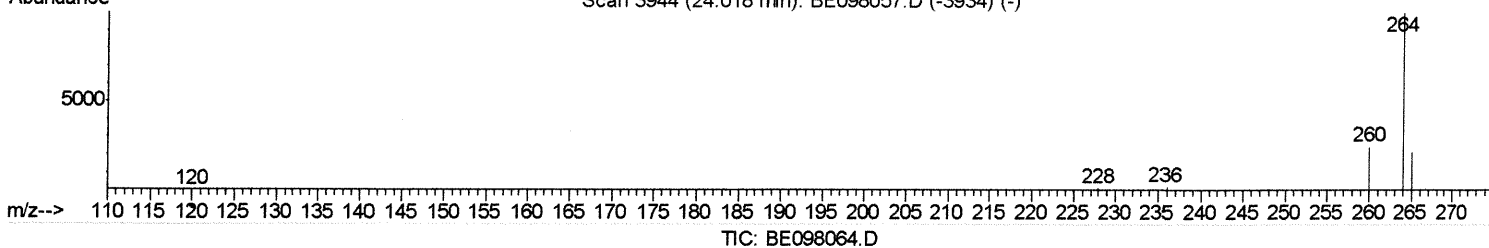
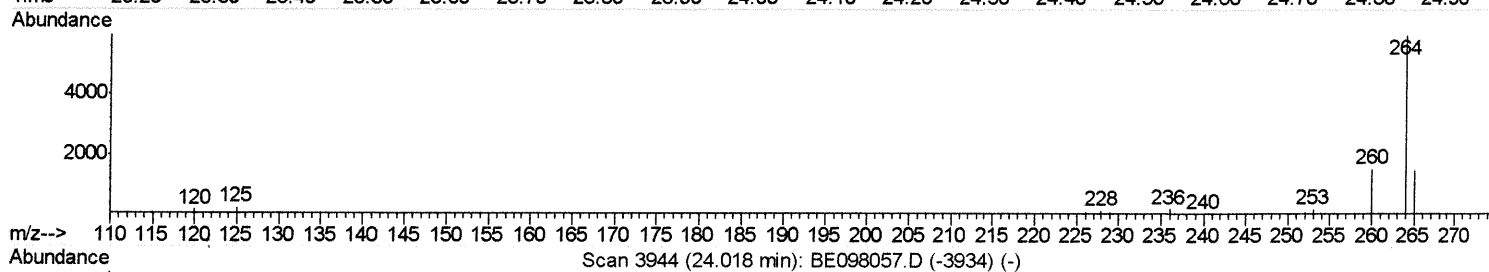
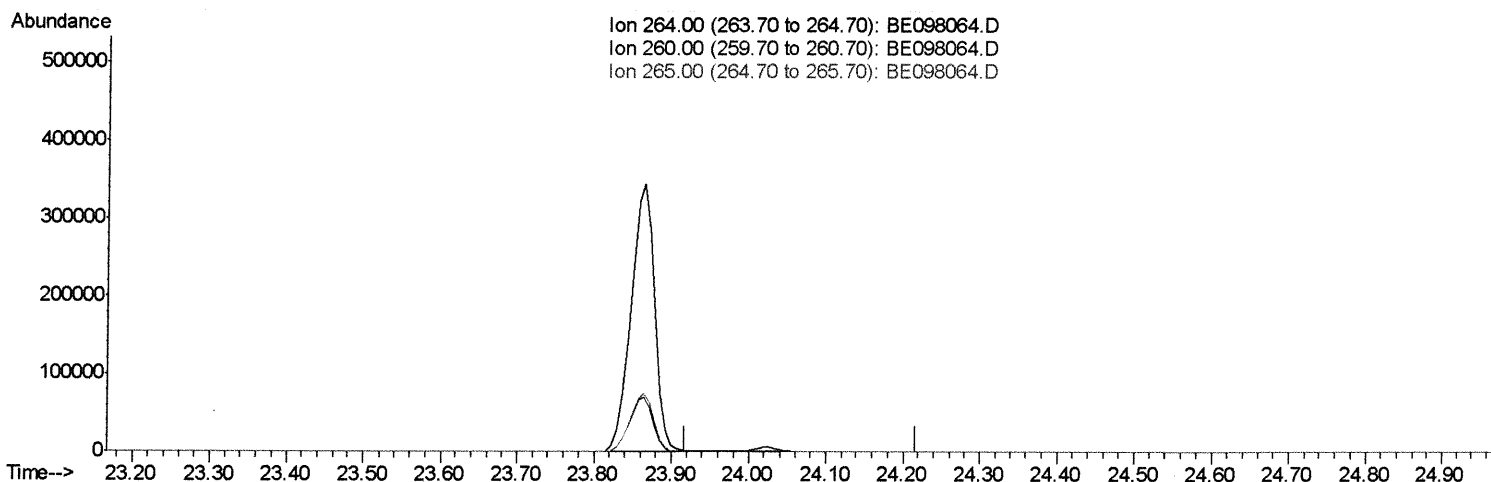
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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(20) Perylene-d12 (I)

24.018min (-24.018) 0.00ng/ul

response 0

Ion	Exp%	Act%
264.00	100	0.00
260.00	25.20	0.00#
265.00	28.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

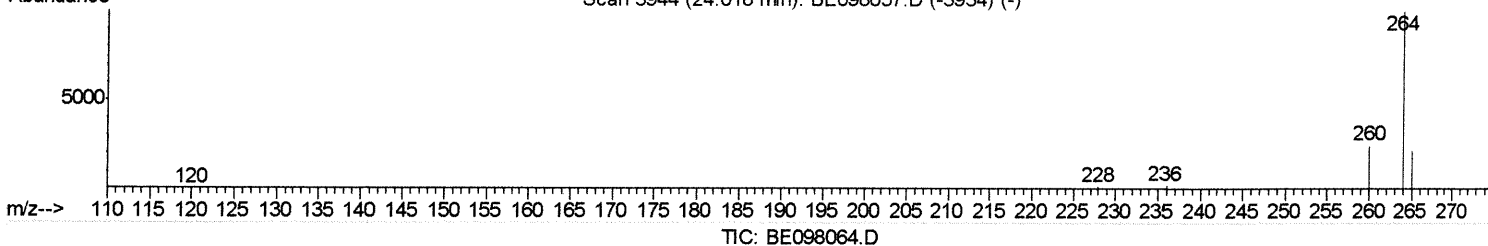
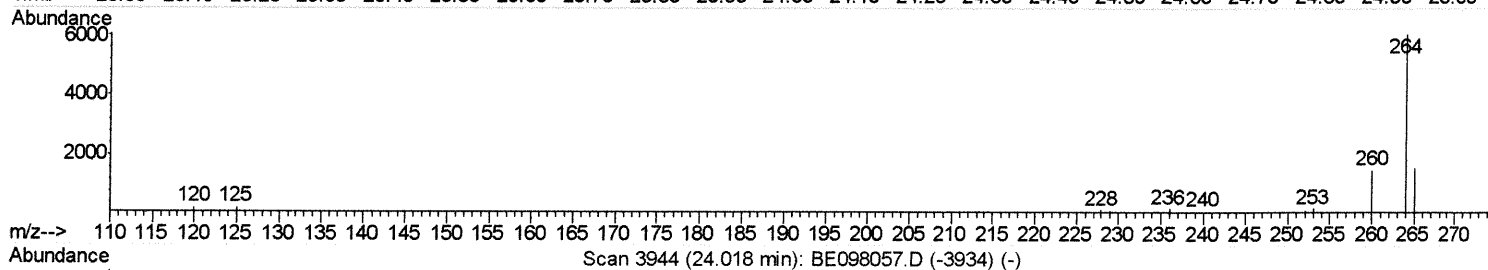
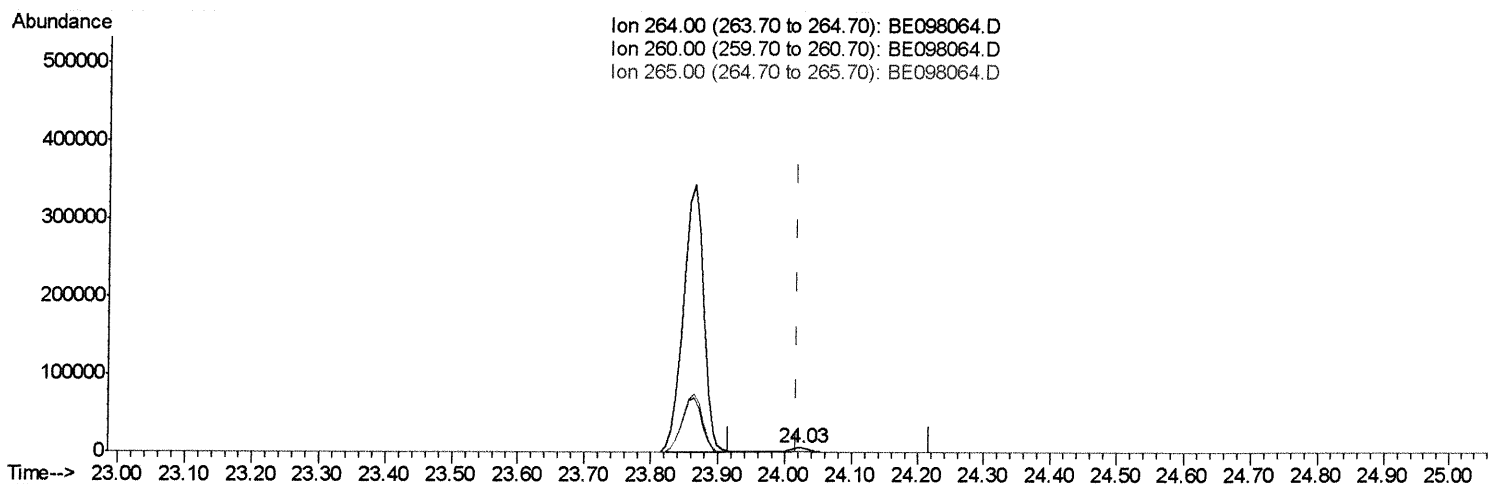
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Response via : Initial Calibration



(20) Perylene-d12 (I)

24.026min (+0.008) 0.40ng/ul m) SJ 10/29/18

response 11491

Ion	Exp%	Act%
264.00	100	100
260.00	25.20	24.56
265.00	28.00	25.62
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

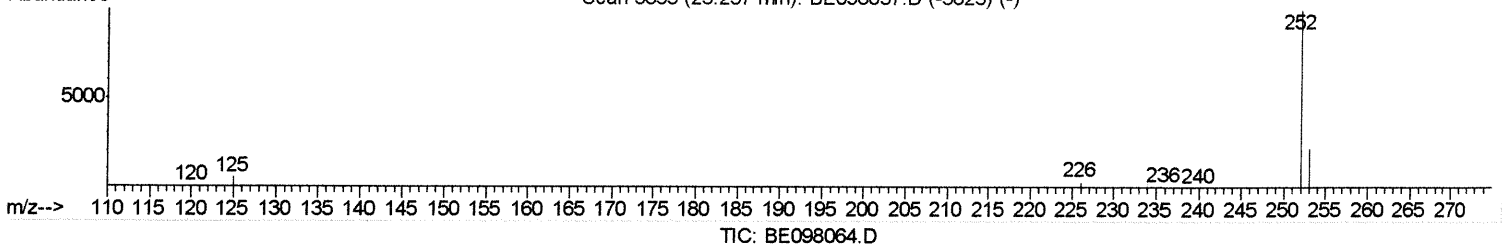
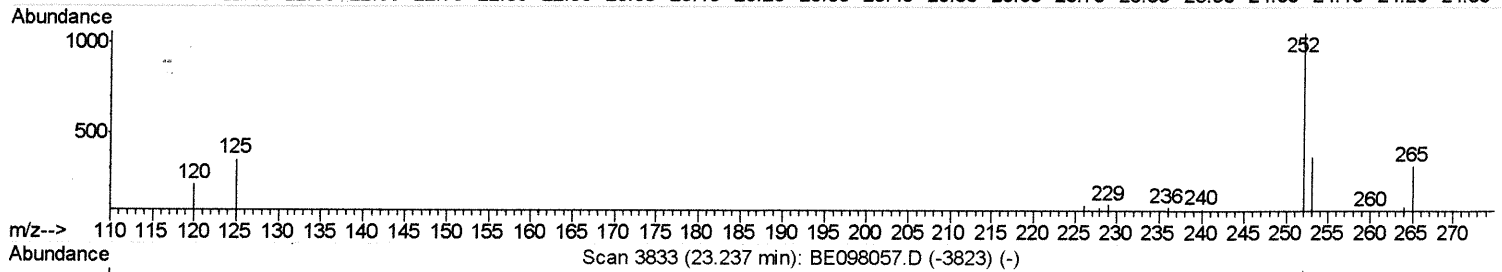
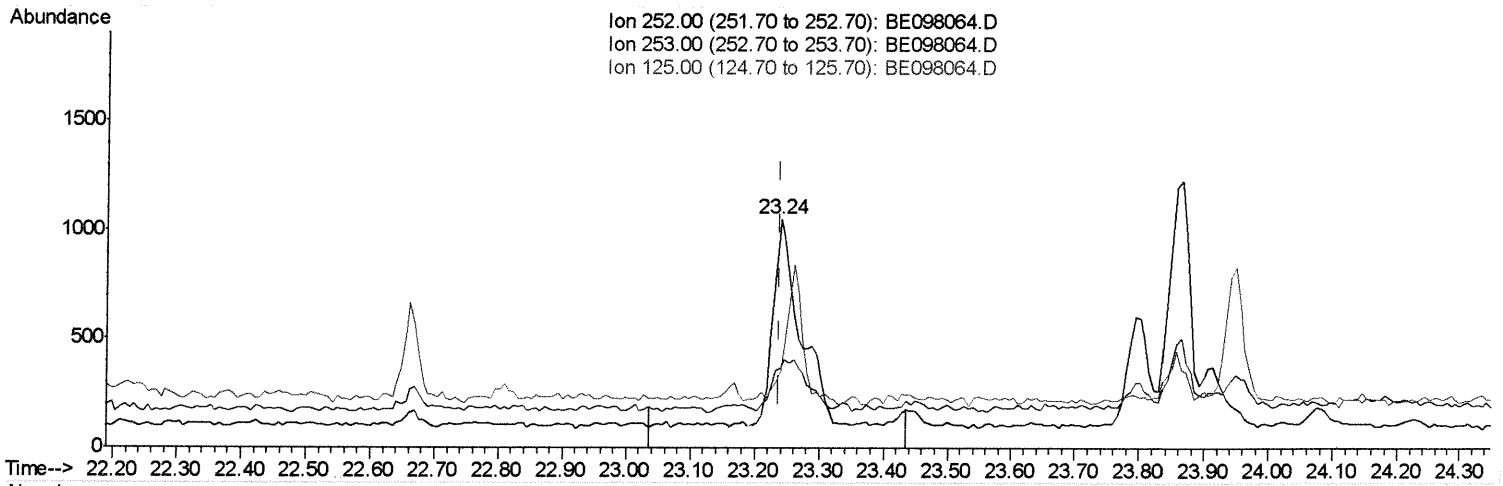
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Manual Integrations
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Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:52:14 2018
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(21) Benzo(b)fluoranthene
23.238min (+0.001) 0.09ng/ul
response 2832
Ion Exp% Act%
252.00 100 100
253.00 23.90 34.92
125.00 8.40 33.40#
0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

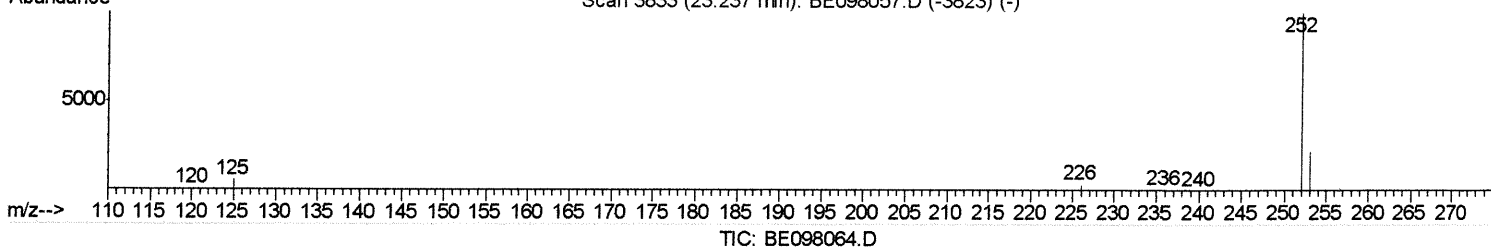
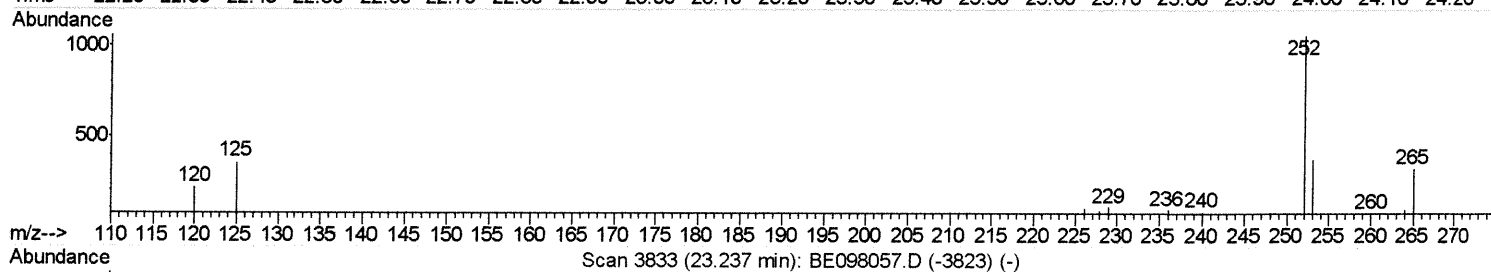
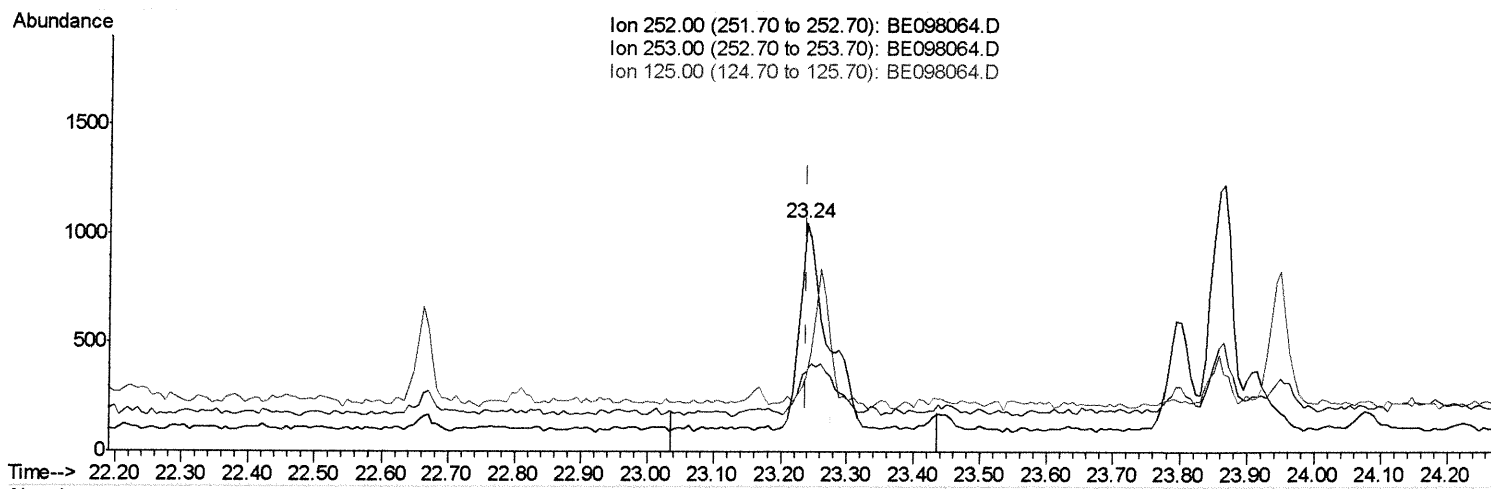
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:52:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.238min (+0.001) 0.07ng/ul m

753 10/29/18

response 2212

Ion	Exp%	Act%
252.00	100	100
253.00	23.90	34.92
125.00	8.40	33.40#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

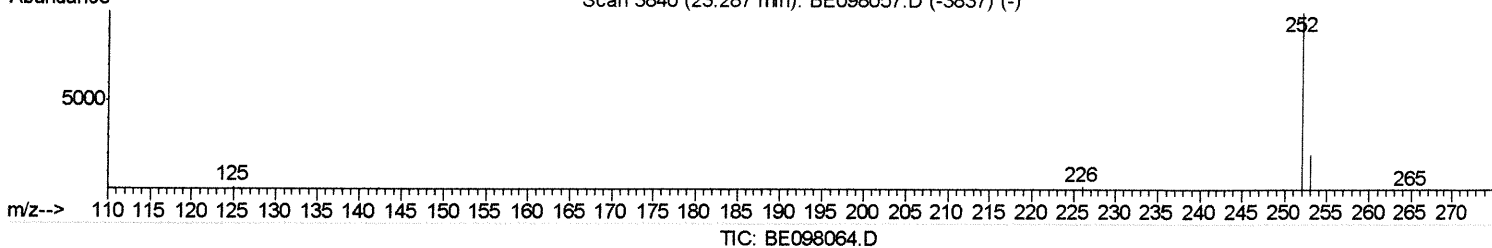
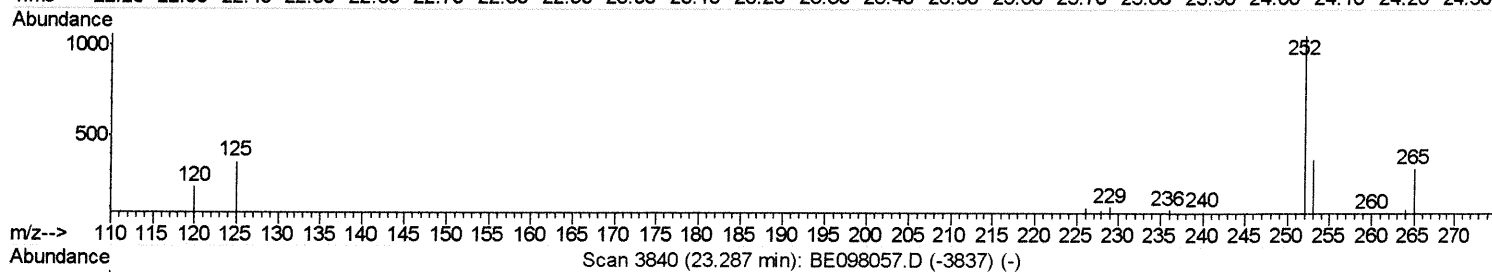
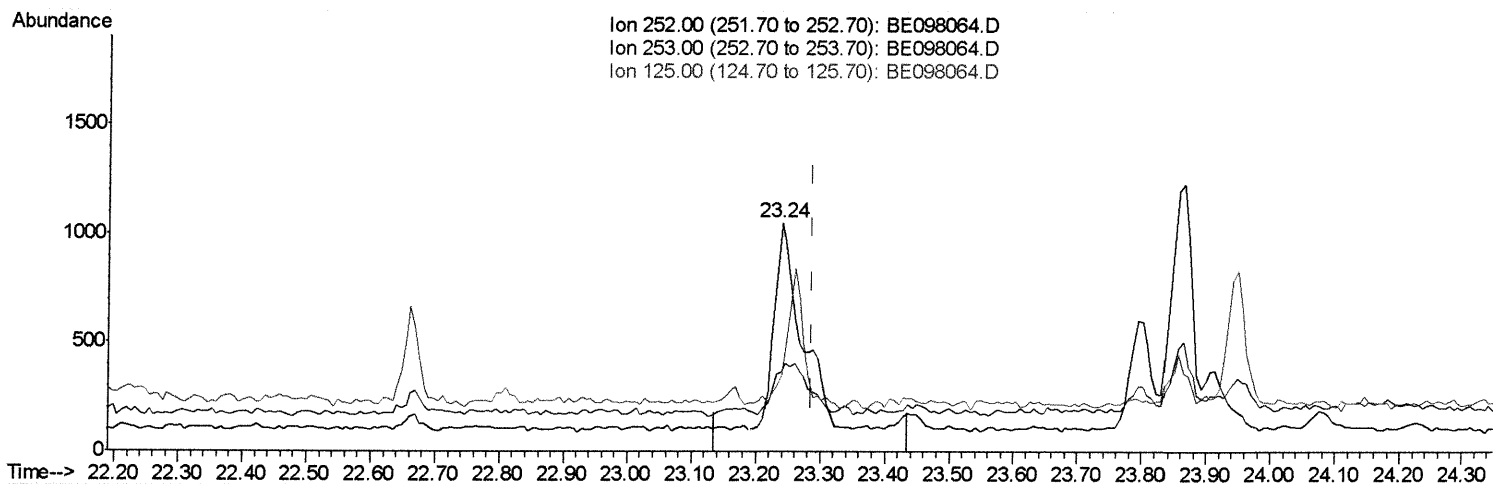
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampled :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:52:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.238min (-0.049) 0.09ng/ul

response 2832

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	34.92#
125.00	7.70	33.40#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (Qedit)

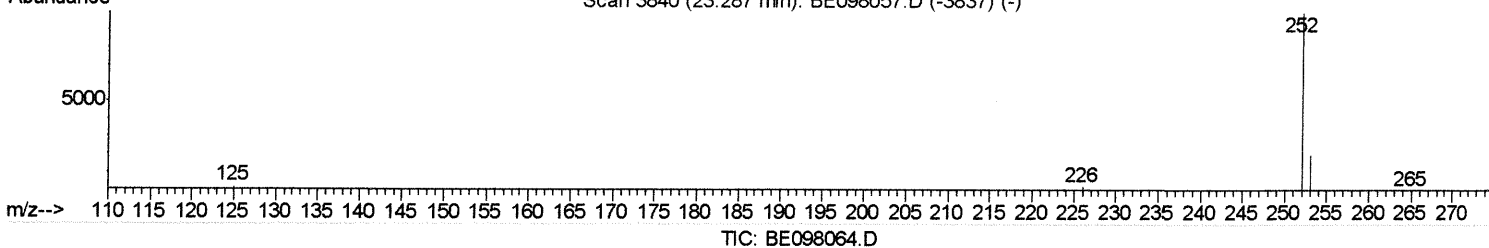
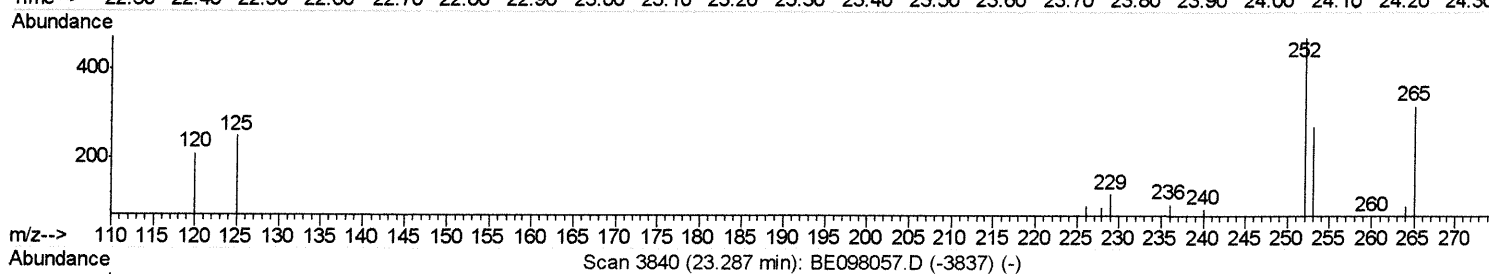
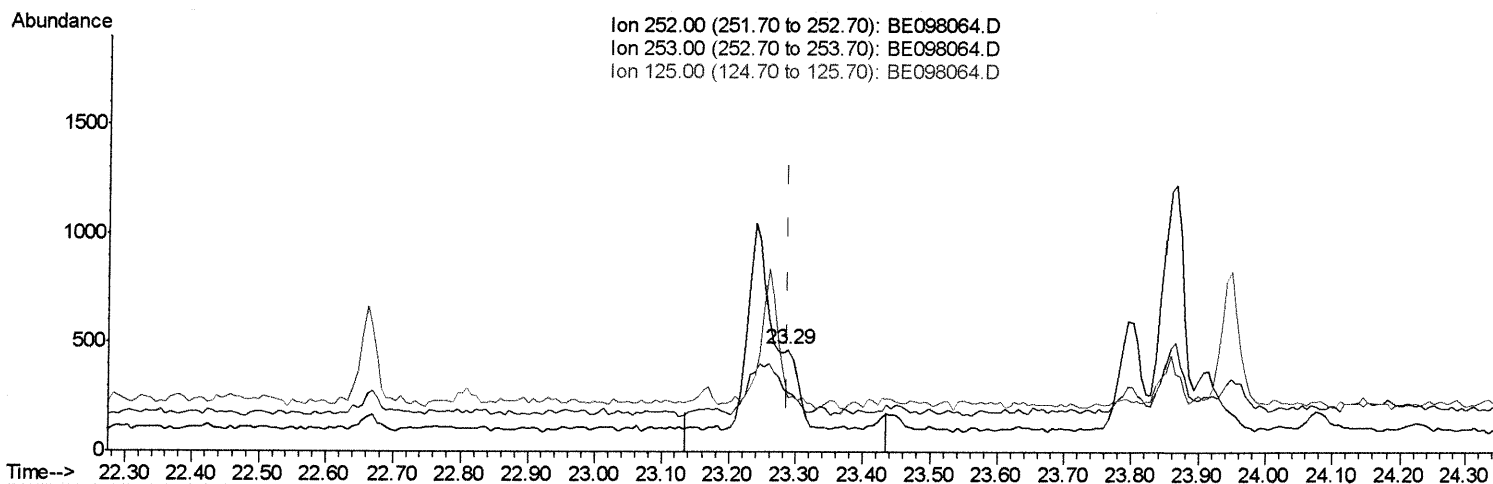
Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:52:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.287min (+0.001) 0.02ng/ul m> SJ 10/29/18

response 656

Ion	Exp%	Act%
252.00	100	100
253.00	24.10	57.75#
125.00	7.70	52.87#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102518\
Quantitation Report (QT Reviewed)

Data File : BE098064.D
Acq On : 25 Oct 2018 20:26
Operator : SJ/JU
Sample : J5568-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AJ8

Manual Integrations
APPROVED

Sohil
10/26/2018 3:47:41 PM

Quant Time: Oct 26 06:53:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 05:34:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	1226	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	6246	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4712	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	10867m	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11956m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	11491m	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	3225	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	9450m	0.27	ng/ul	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Benzo(a)anthracene	21.45	228	810m	0.023	ng/ul	
19) Chrysene	21.51	228	669m	0.025	ng/ul	
21) Benzo(b)fluoranthene	23.24	252	2212m	0.069	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	656m	0.021	ng/ul	

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