

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\

Data File : BE096967.D

Acq On : 17 Jul 2018 21:05

Operator : SJ/JU

Sample : J3967-10

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 18 10:56:16 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 18 03:40:41 2018

Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

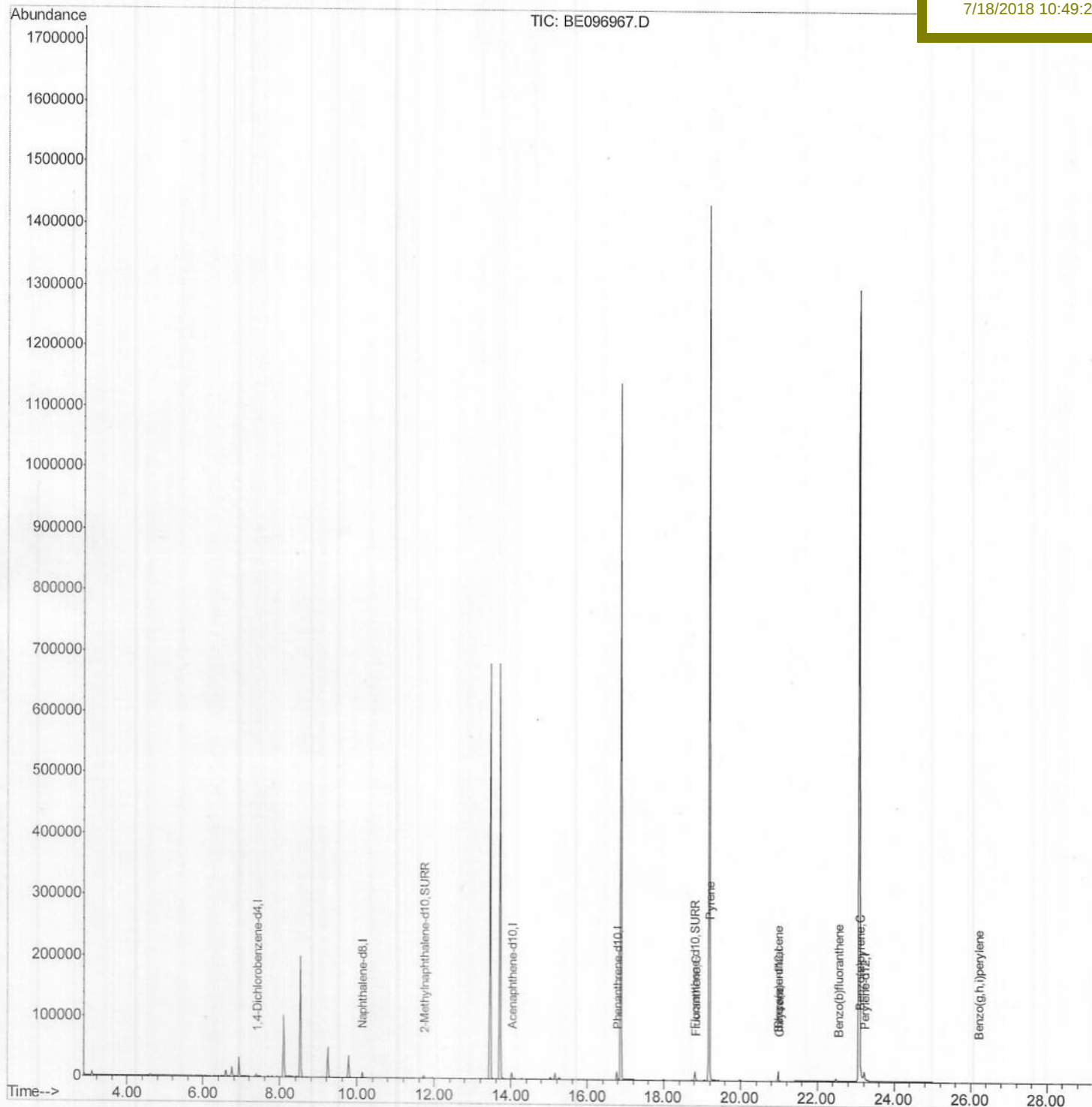
DB1F6

Manual Integrations

APPROVED

Sohil

7/18/2018 10:49:28 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\

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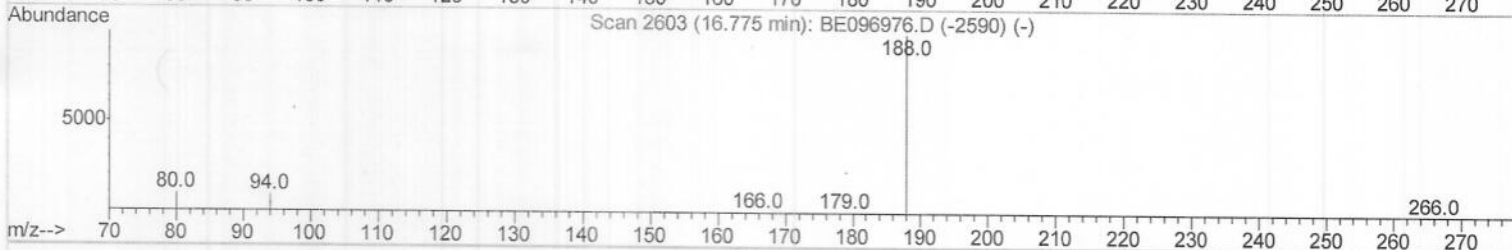
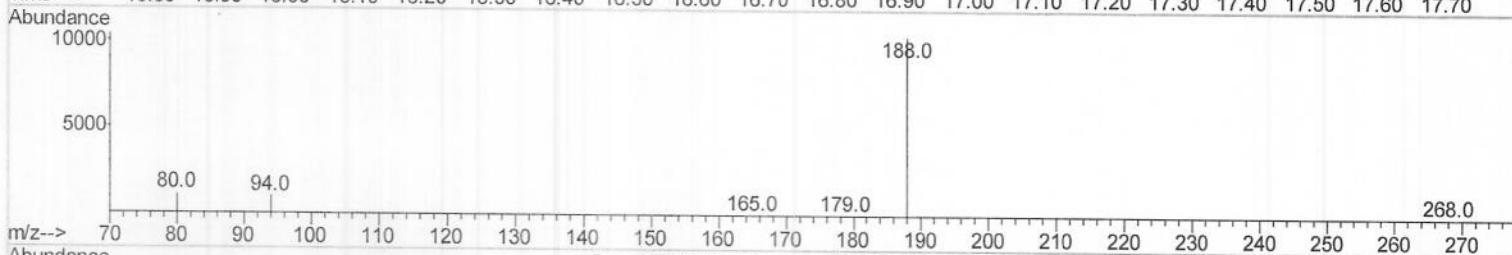
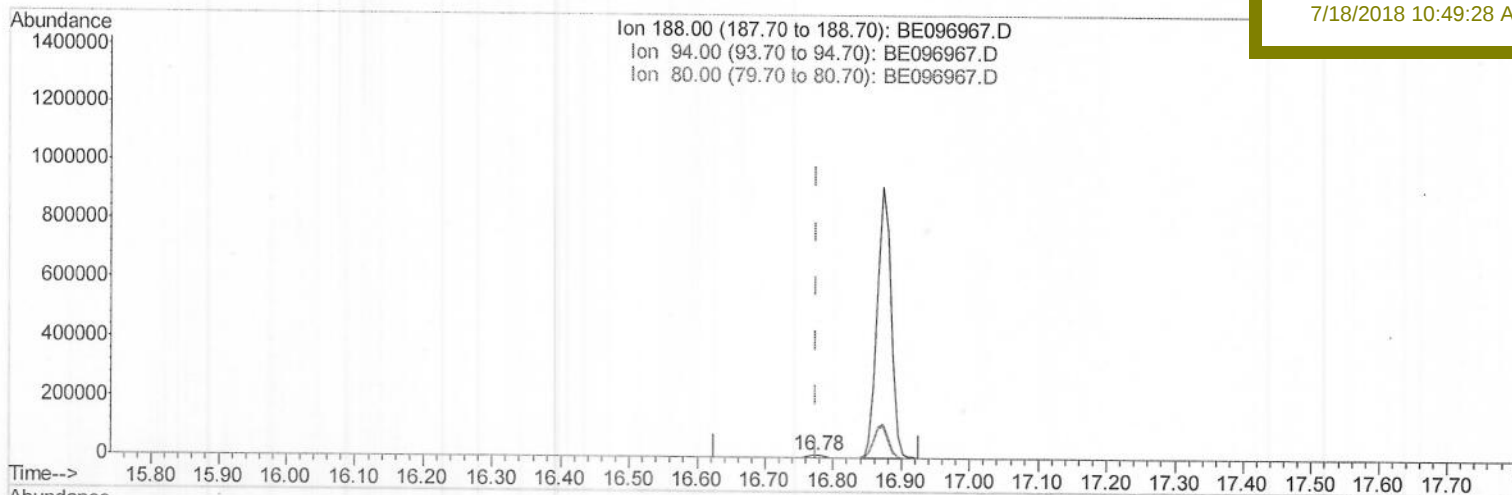
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



TIC: BE096967.D

(10) Phenanthrene-d10 (I)

16.775min (-0.001) 0.40ng/ul m

response 14348

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 9.96  |
| 80.00  | 11.80 | 10.83 |
| 0.00   | 0.00  | 0.00  |

SJ  
07/18/18

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QLast Update : Wed Jul 18 03:40:41 2018

Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

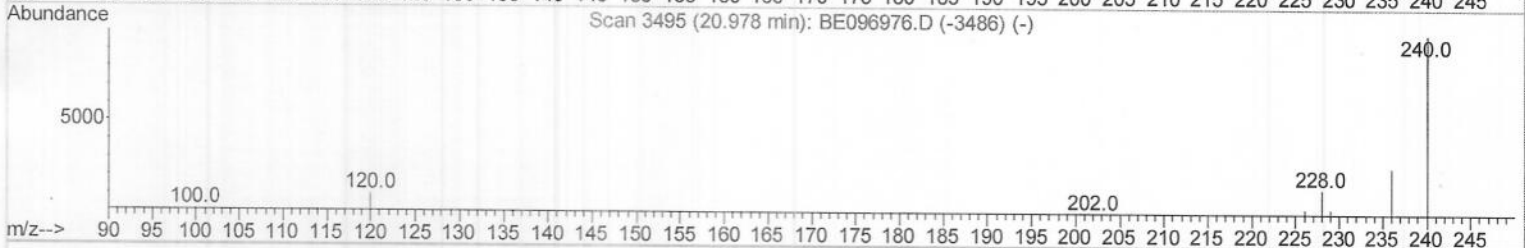
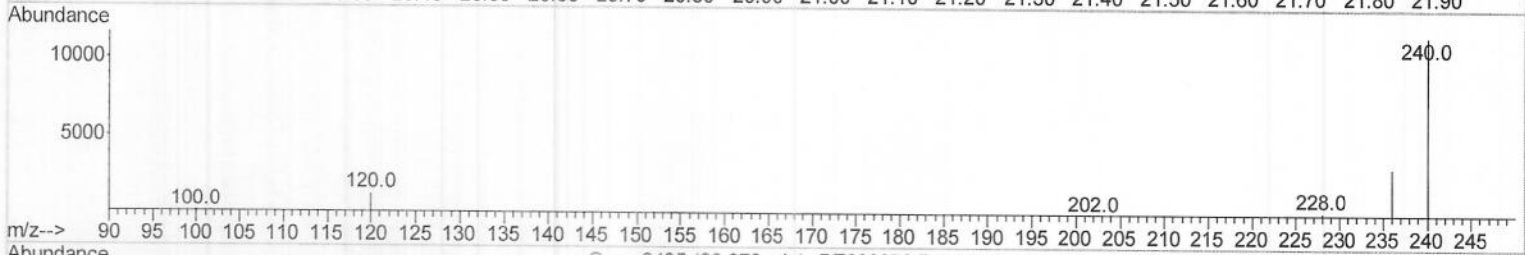
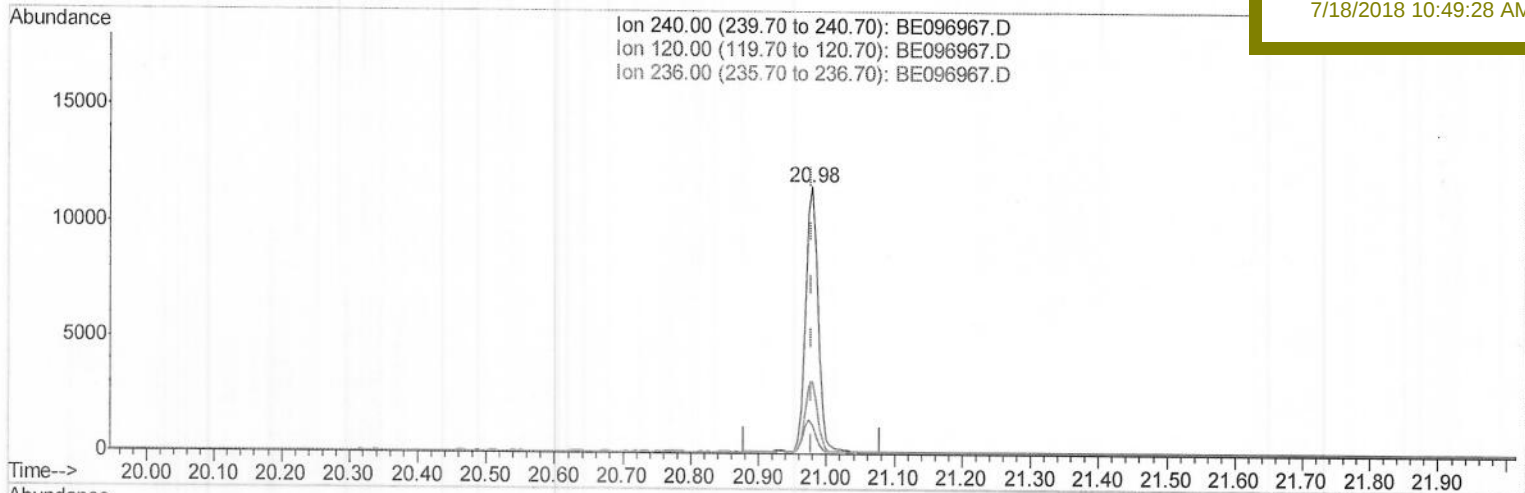
DB1F6

Manual Integrations

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Sohil

7/18/2018 10:49:28 AM



TIC: BE096967.D

(16) Chrysene-d12 (I)

20.979min (-0.000) 0.40ng/ul m

response 14418

| Ion    | Exp%  | Act%   |
|--------|-------|--------|
| 240.00 | 100   | 100    |
| 120.00 | 20.60 | 10.97# |
| 236.00 | 34.90 | 27.23# |
| 0.00   | 0.00  | 0.00   |

*SJ*  
*07/18/18*

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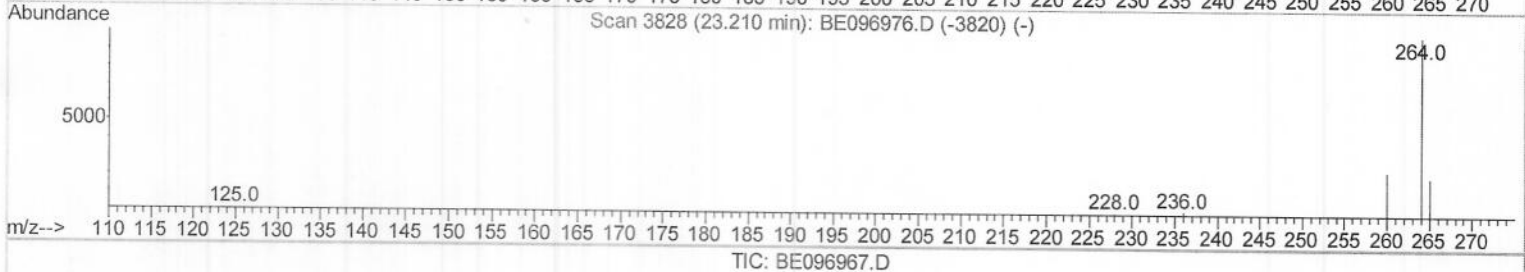
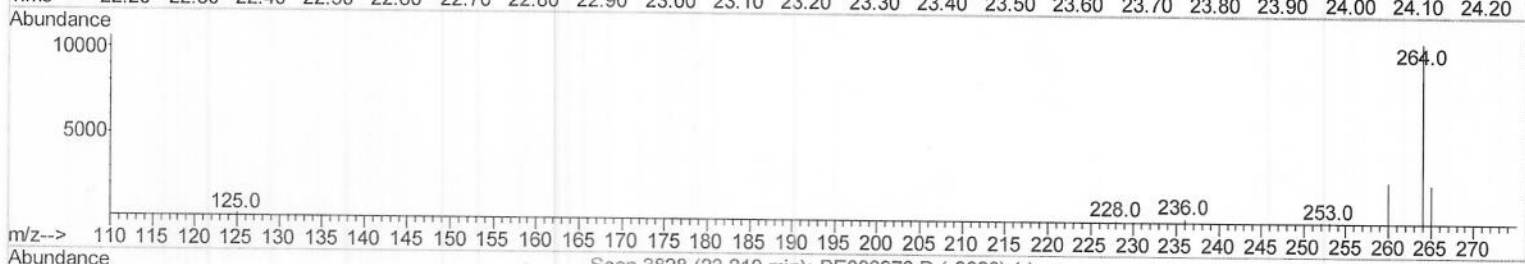
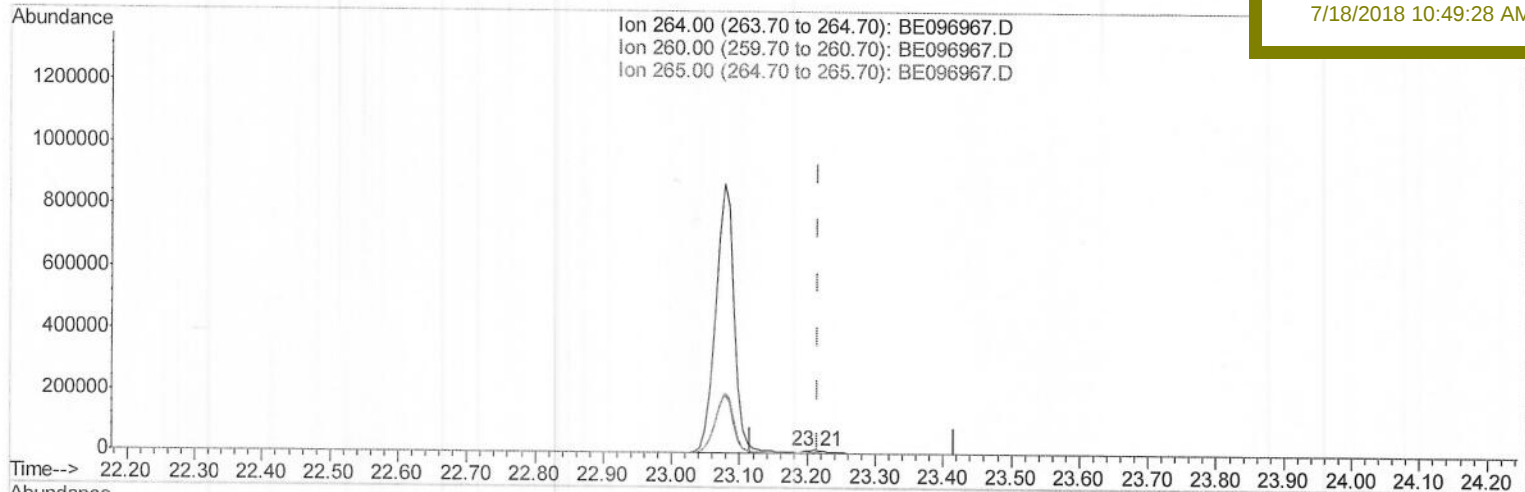
Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

DB1F6

Manual Integrations  
APPROVEDSohil  
7/18/2018 10:49:28 AM

(20) Perylene-d12 (I)

23.210min (-0.006) 0.40ng/ul m

response 13948

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 23.95# |
| 265.00 | 103.50 | 22.64# |
| 0.00   | 0.00   | 0.00   |

SJ  
07/18/18

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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 18 03:40:41 2018

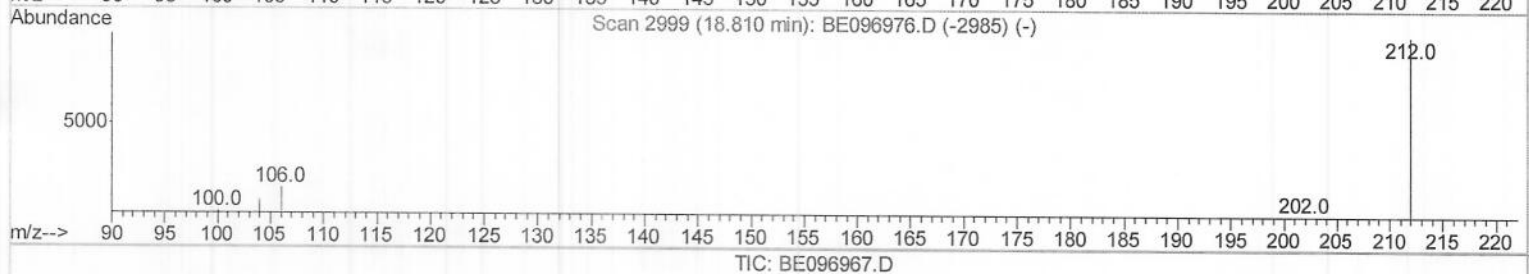
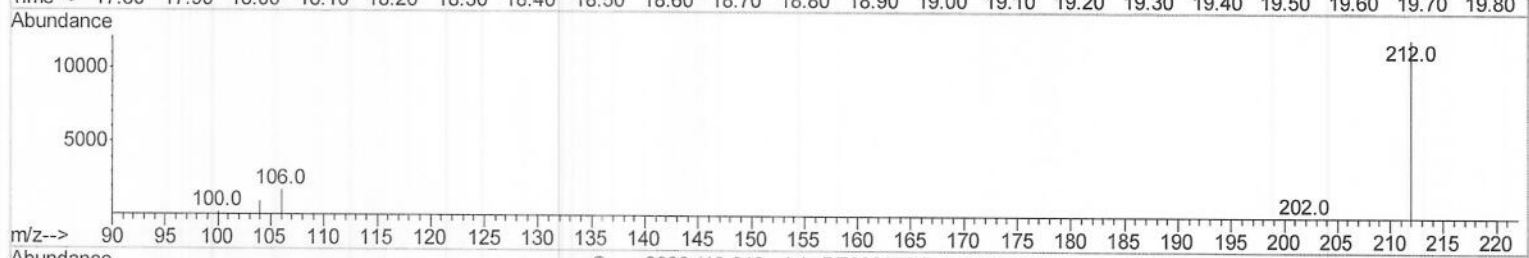
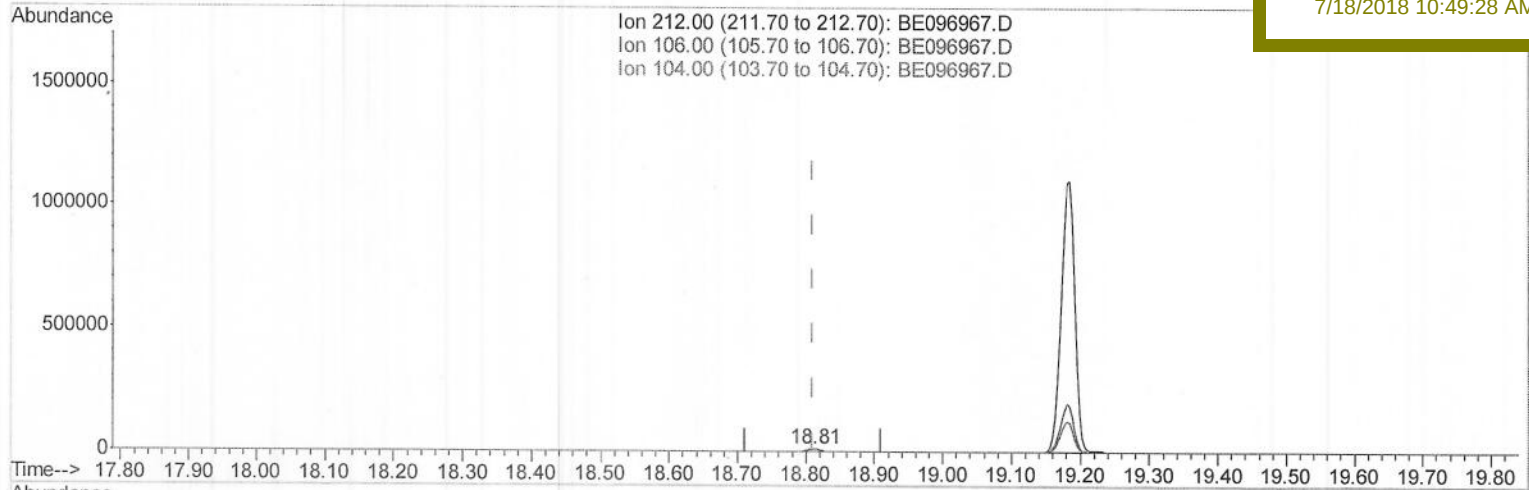
Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

DB1F6

Manual Integrations  
APPROVEDSohil  
7/18/2018 10:49:28 AM

(14) Fluoranthene-d10 (SURR)

18.810min (-0.001) 0.37ng/ul m

response 16133

| 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  
07/18/18

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Data File : BE096967.D

Acq On : 17 Jul 2018 21:05

Operator : SJ/JU

Sample : J3967-10

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 18 10:56:16 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 18 03:40:41 2018

Response via : Initial Calibration

Instrument :

BNA\_E

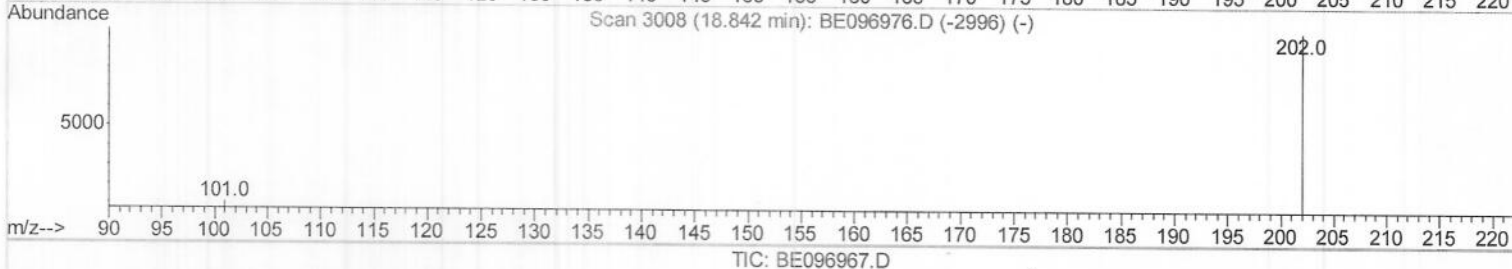
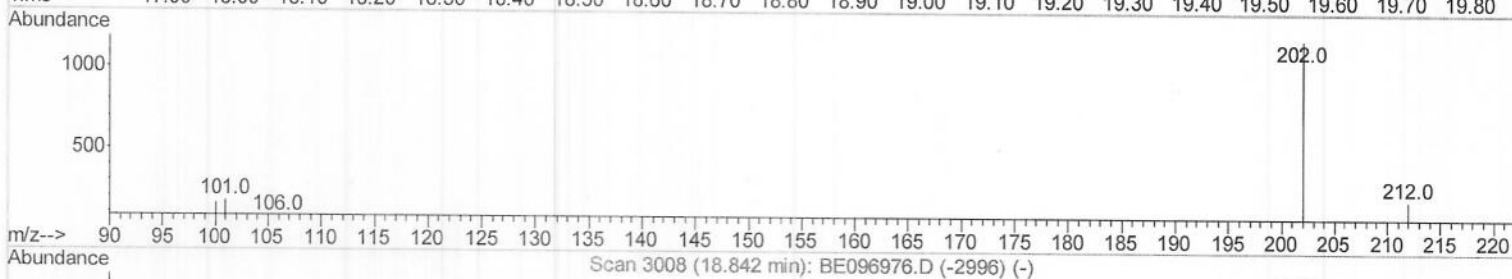
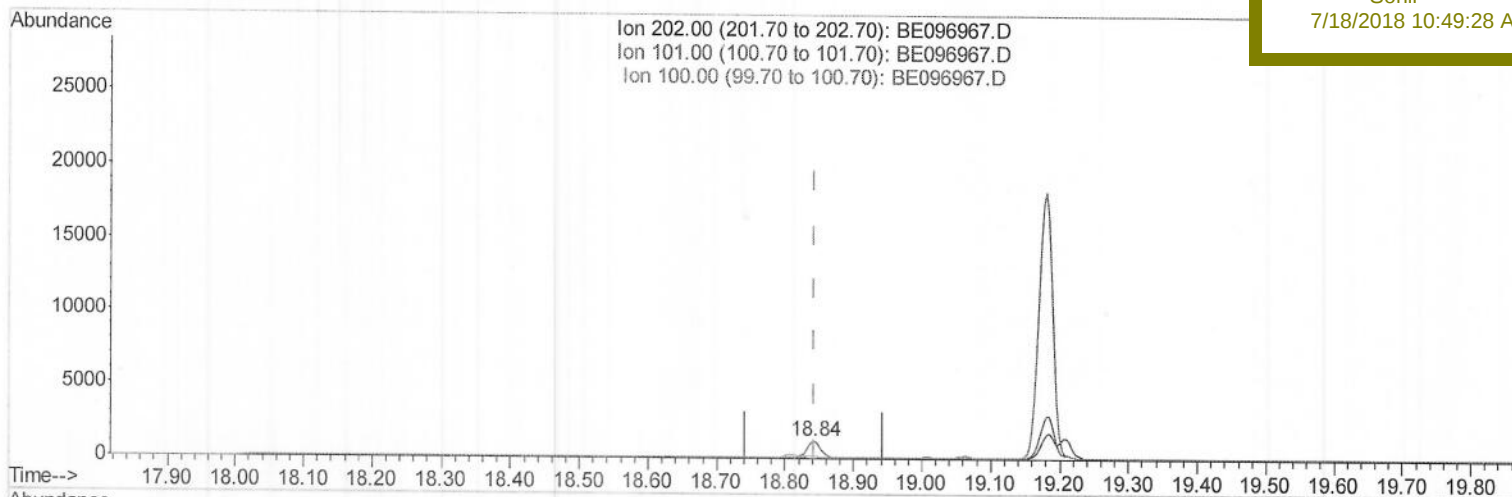
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



(15) Fluoranthene (C)

18.842min (-0.001) 0.03ng/ul m

response 1505

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 202.00 | 100   | 100   |
| 101.00 | 10.30 | 14.53 |
| 100.00 | 19.50 | 13.35 |
| 0.00   | 0.00  | 0.00  |

SJ  
07/18/18

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Acq On : 17 Jul 2018 21:05

Operator : SJ/JU

Sample : J3967-10

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 18 10:56:16 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 18 03:40:41 2018

Response via : Initial Calibration

Instrument :

BNA\_E

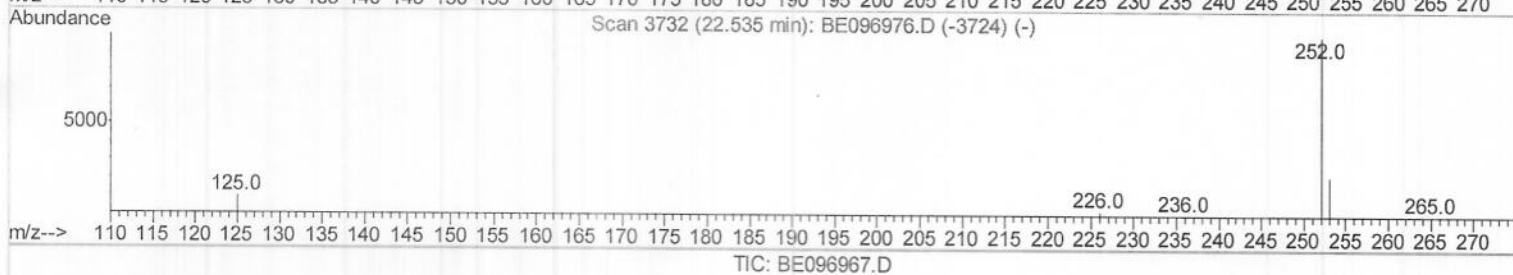
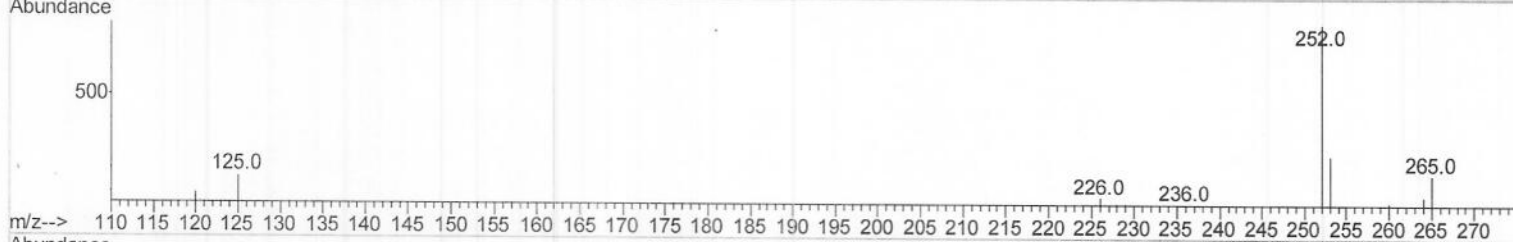
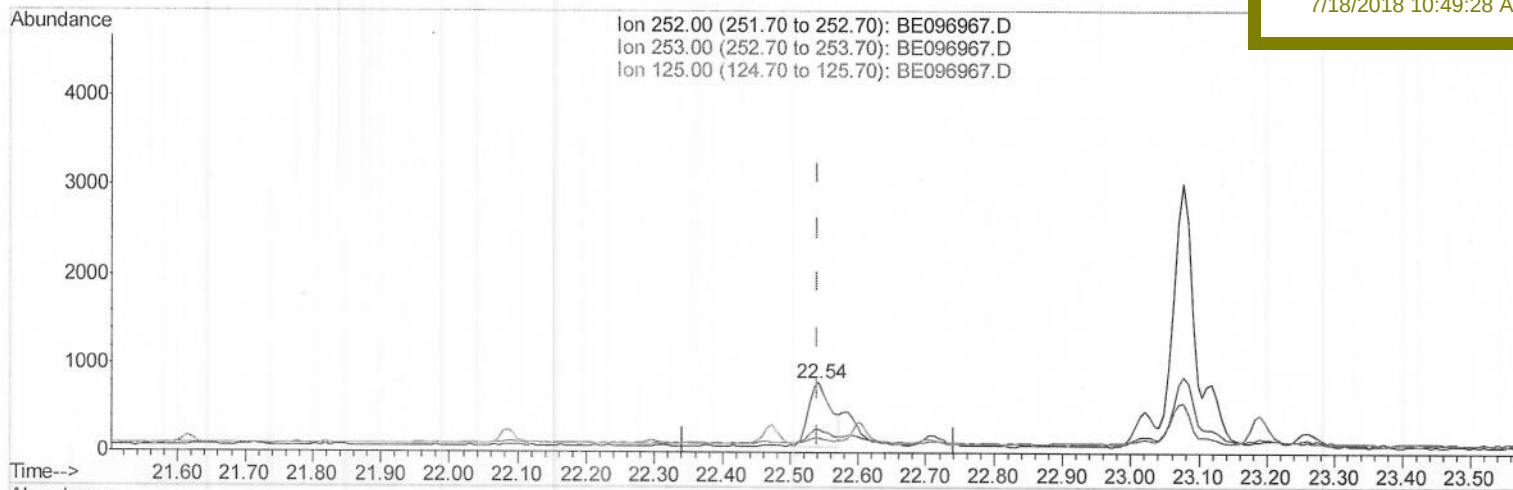
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



(21) Benzo(b)fluoranthene

22.542min (+0.001) 0.04ng/ul m

response 1681

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 32.32 |
| 125.00 | 17.50 | 21.34 |
| 0.00   | 0.00  | 0.00  |

SJ  
07/18/18

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Operator : SJ/JU

Sample : J3967-10

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 18 10:56:16 2018

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QLast Update : Wed Jul 18 03:40:41 2018

Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

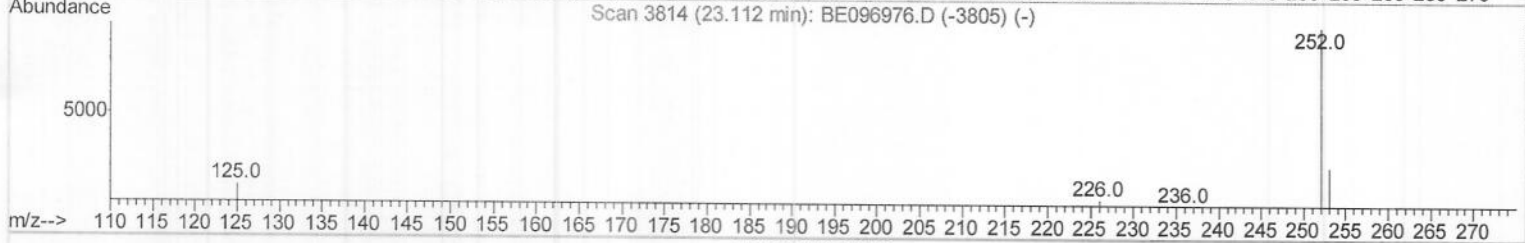
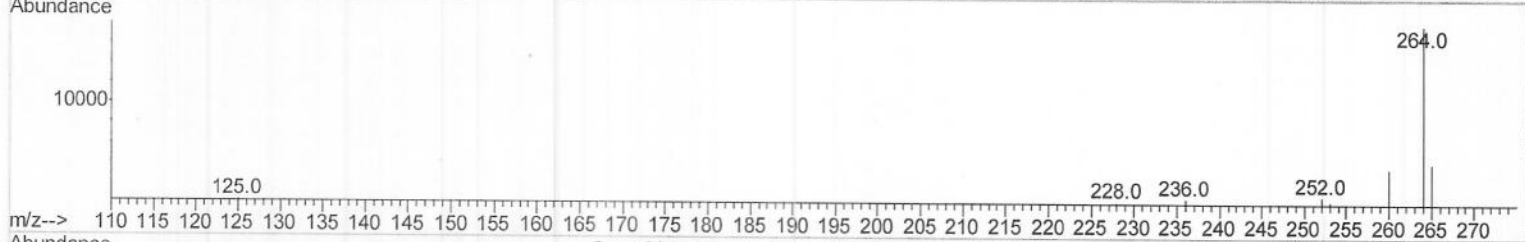
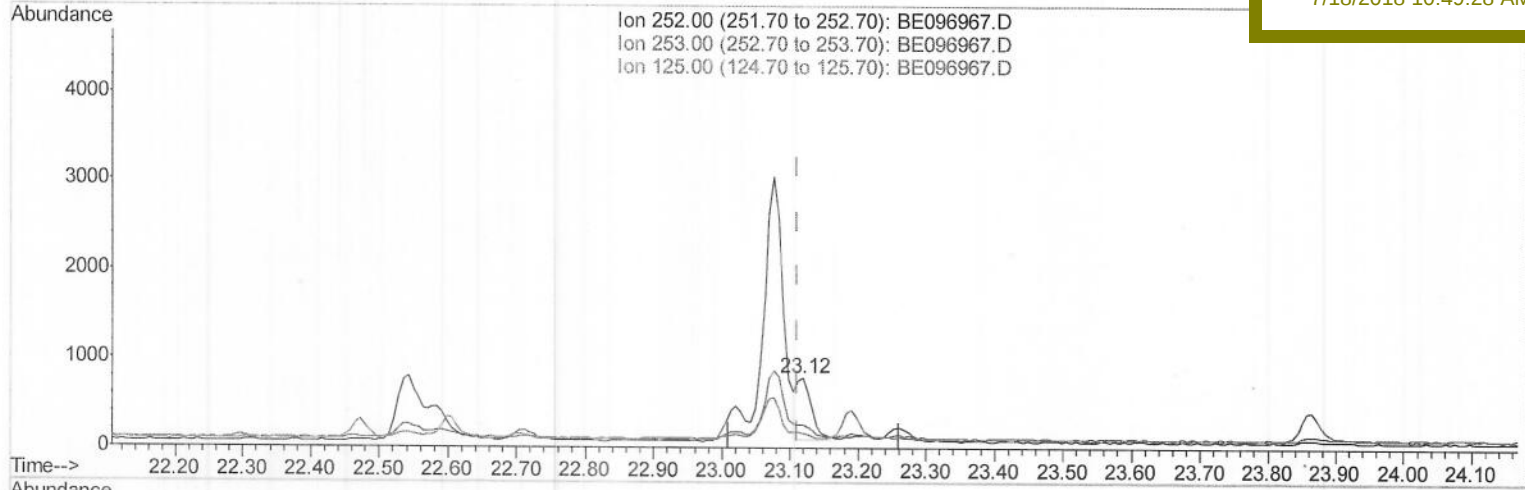
DB1F6

Manual Integrations

APPROVED

Sohil

7/18/2018 10:49:28 AM



(23) Benzo(a)pyrene (C)

23.119min (+0.008) 0.03ng/ul m

response 1036

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 35.60 | 33.63 |
| 125.00 | 22.60 | 21.19 |
| 0.00   | 0.00  | 0.00  |

*SJ*  
*07/18/18*

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\

Data File : BE096967.D

Acq On : 17 Jul 2018 21:05

Operator : SJ/JU

Sample : J3967-10

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 30 13:36:59 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 30 12:51:39 2018

Response via : Initial Calibration

Instrument :

BNA\_E

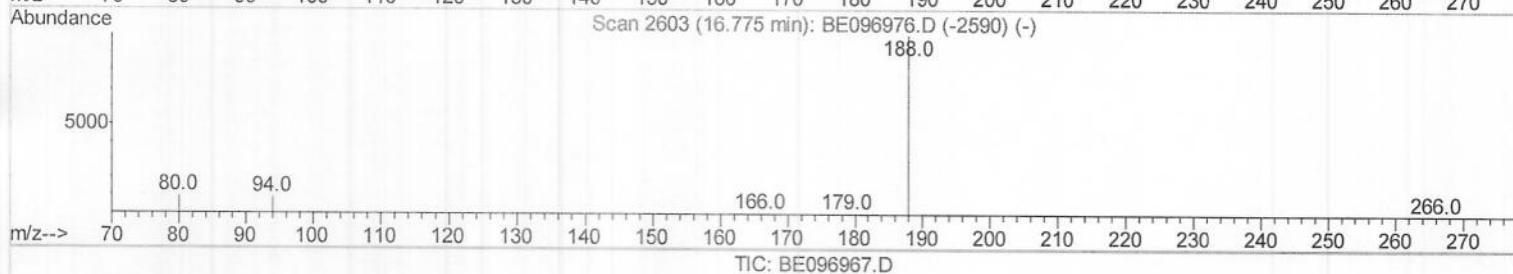
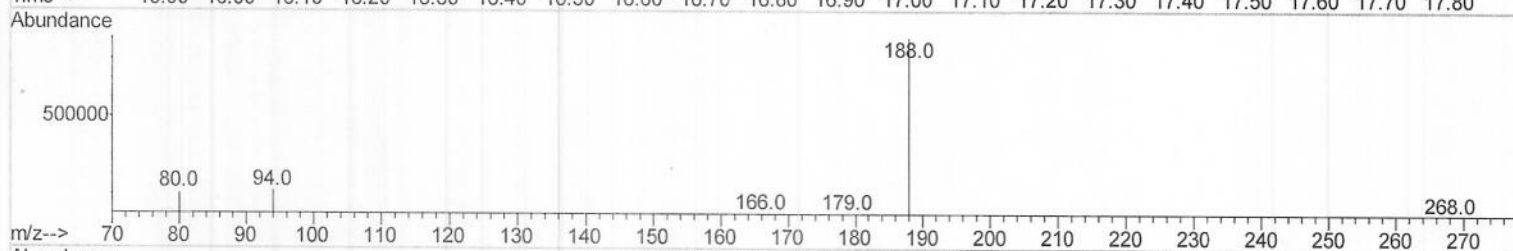
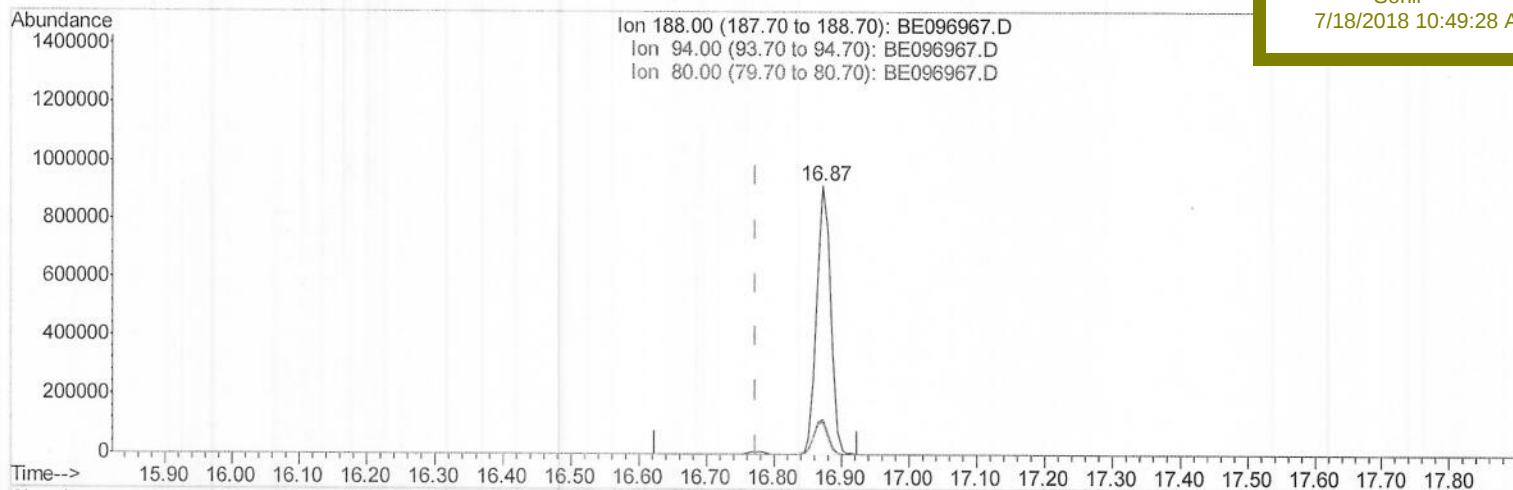
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



(10) Phenanthrene-d10 (I)

16.874min (+0.098) 0.40ng/ul

response 1274778

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 188.00 | 100   | 100   |
| 94.00  | 11.00 | 12.75 |
| 80.00  | 11.80 | 11.70 |
| 0.00   | 0.00  | 0.00  |

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Sample : J3967-10

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BNA\_E

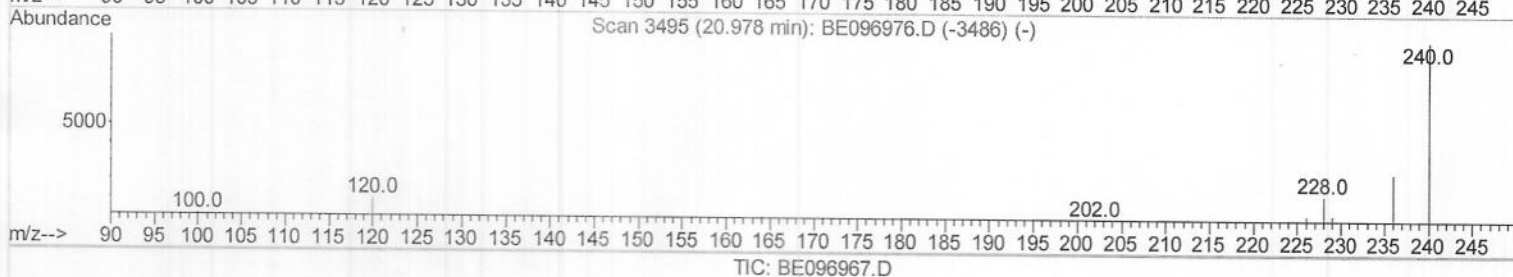
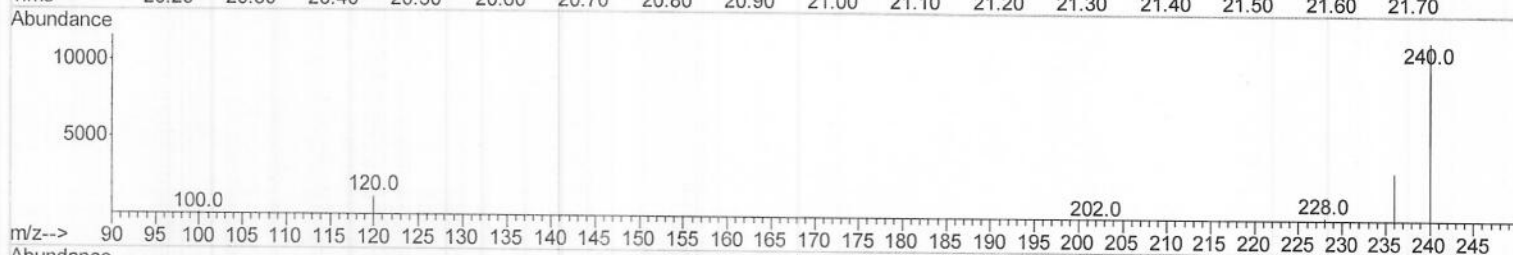
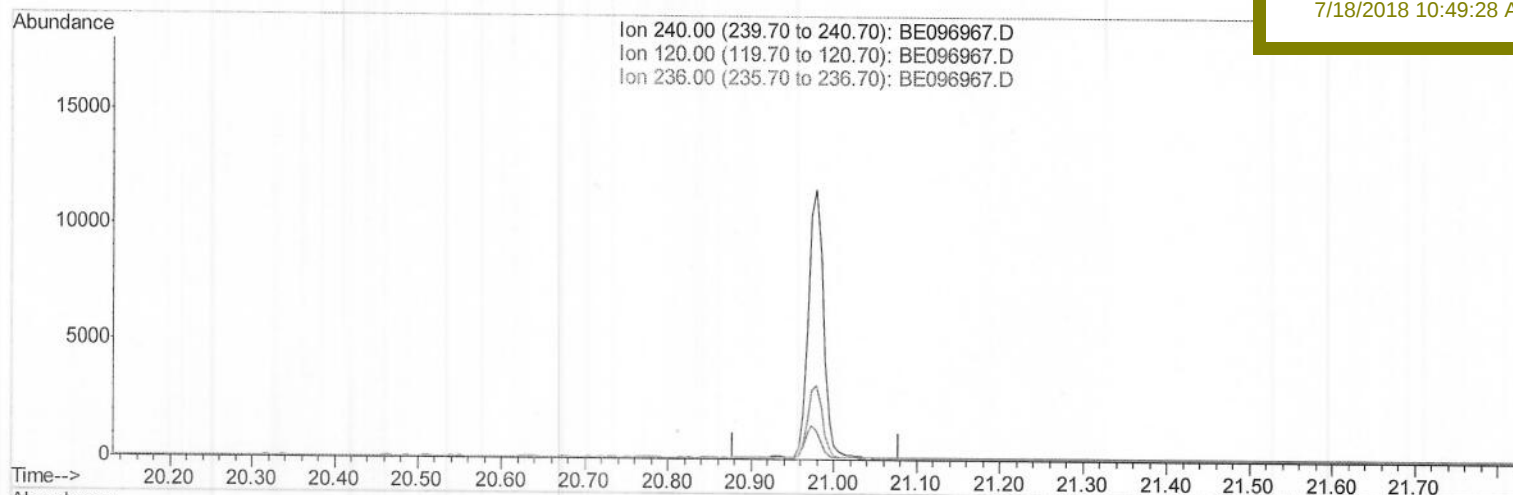
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



(16) Chrysene-d12 (I)

20.978min (-20.978) 0.00ng/ul

response 0

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 240.00 | 100   | 0.00  |
| 120.00 | 20.60 | 0.00# |
| 236.00 | 34.90 | 0.00# |
| 0.00   | 0.00  | 0.00  |

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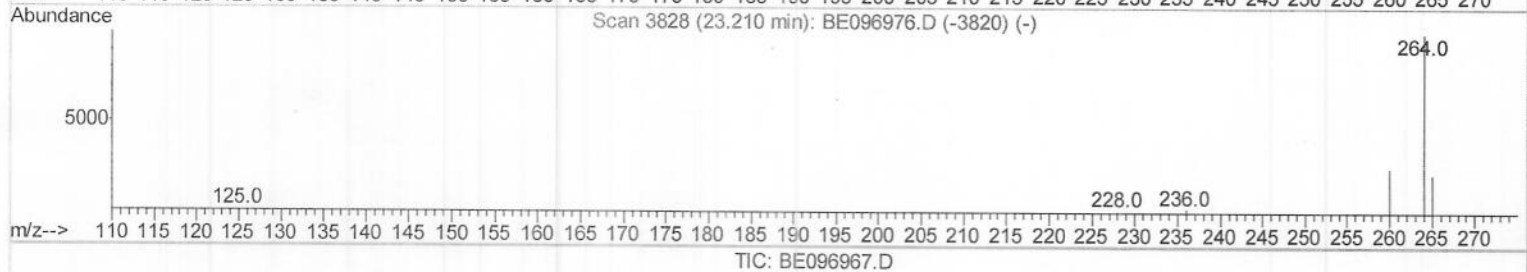
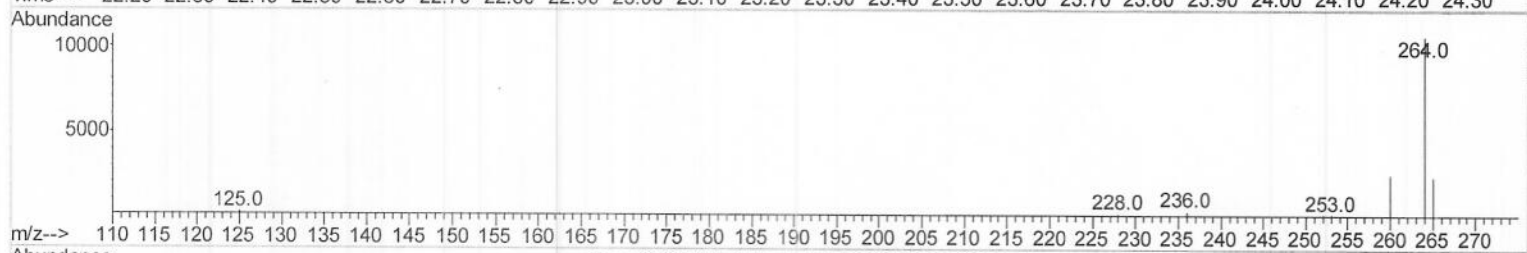
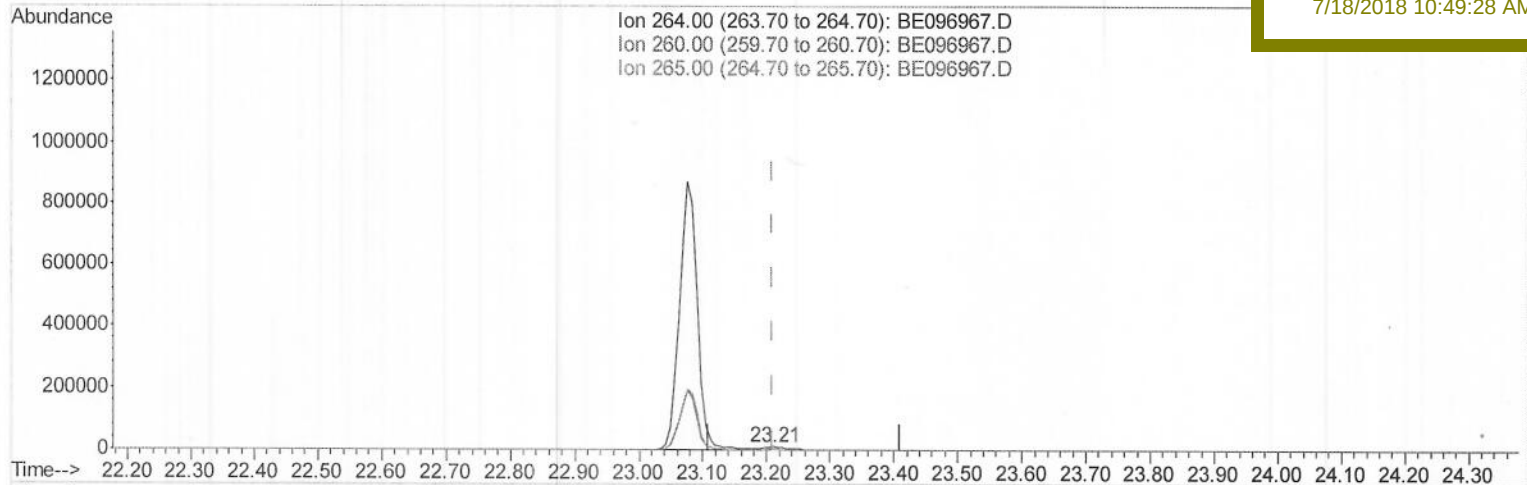
Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

DB1F6

Manual Integrations  
APPROVEDSohil  
7/18/2018 10:49:28 AM

(20) Perylene-d12 (I)

23.210min (+0.000) 0.40ng/ul

response 27353

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 264.00 | 100    | 100    |
| 260.00 | 30.10  | 23.95# |
| 265.00 | 103.50 | 22.64# |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\

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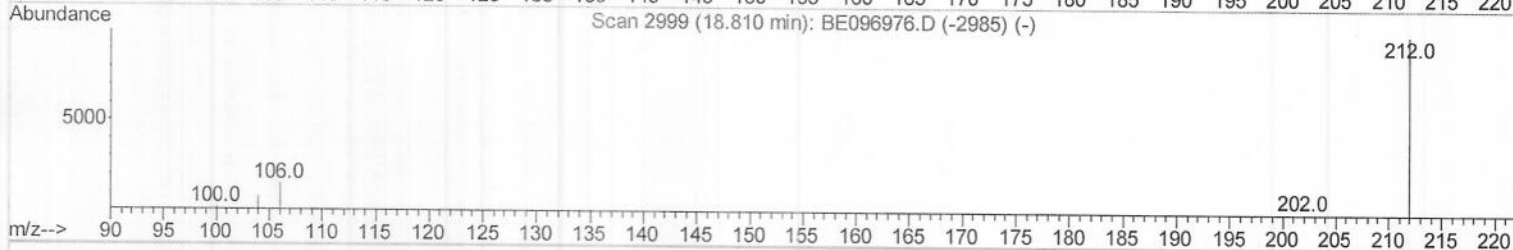
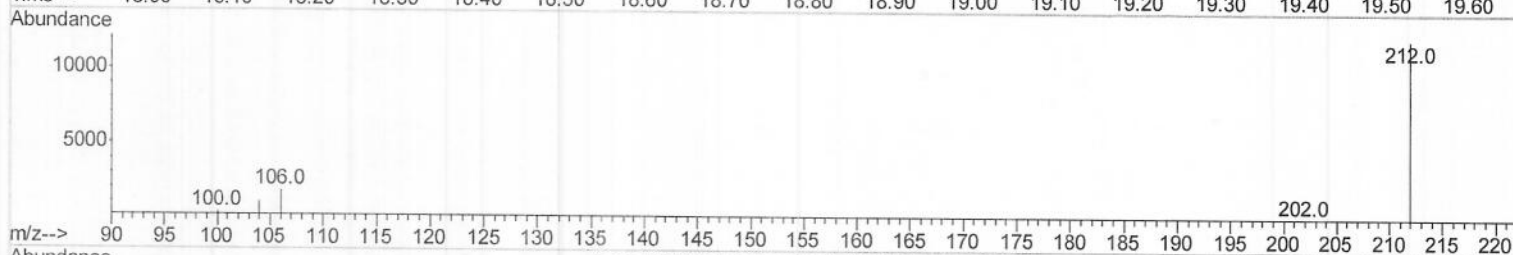
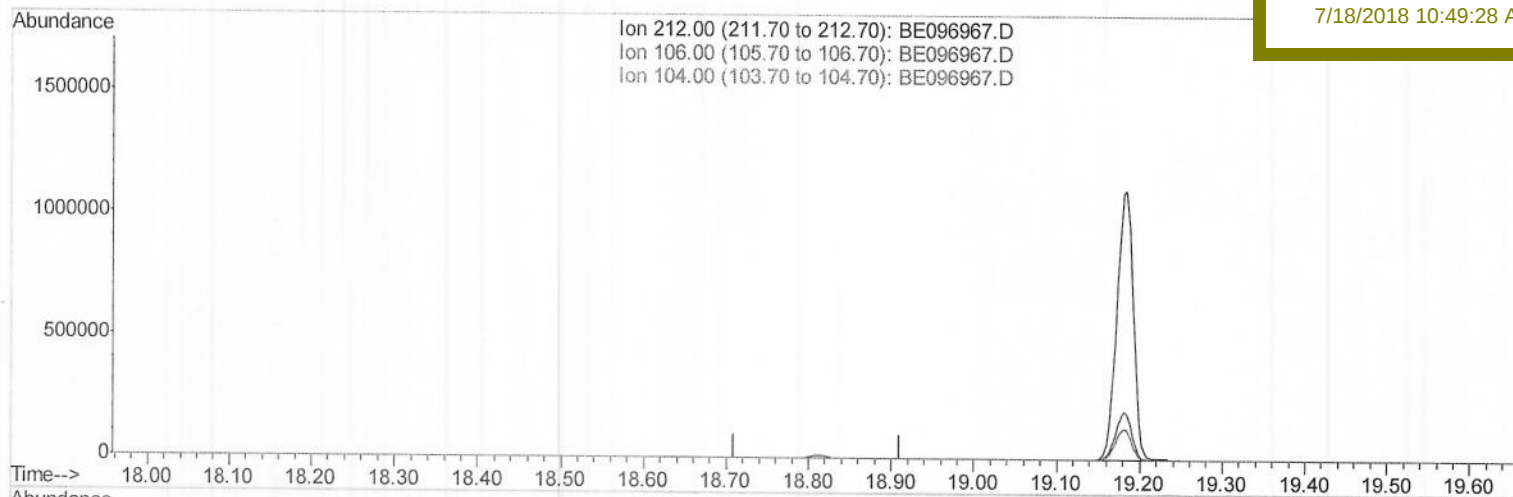
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



TIC: BE096967.D

(14) Fluoranthene-d10 (SURR)

18.810min (-18.810) 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  |

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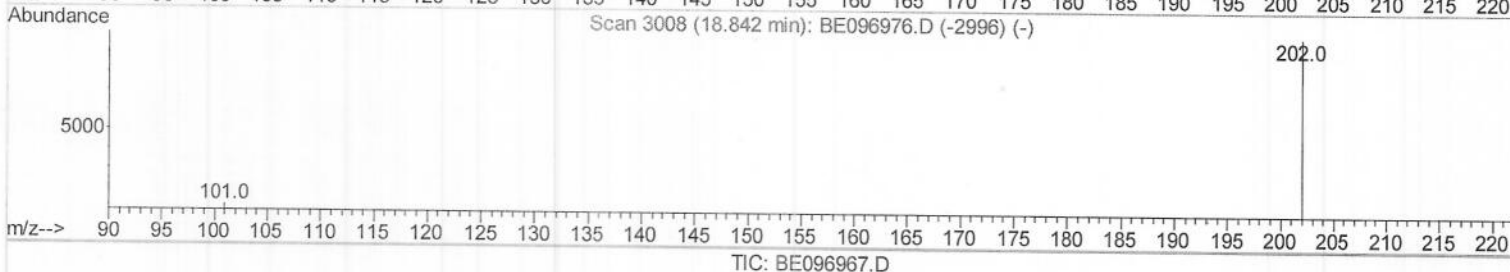
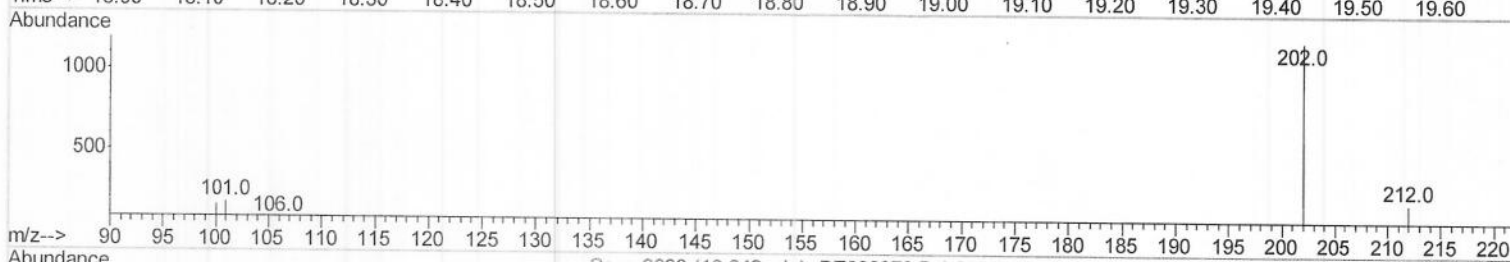
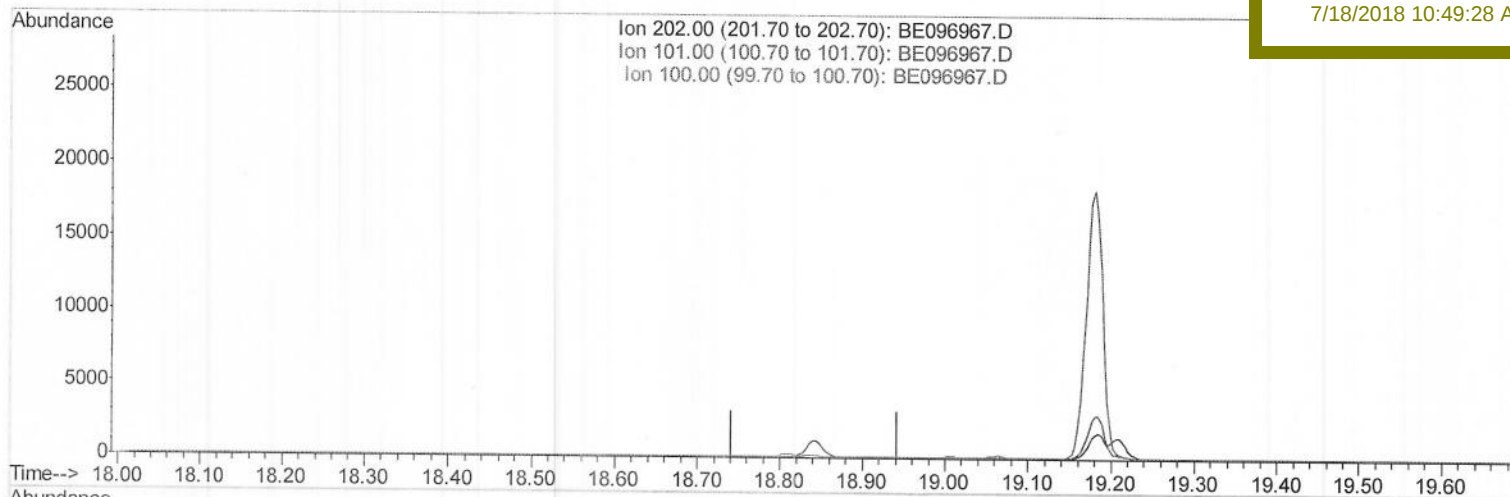
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



(15) Fluoranthene (C)

18.842min (-18.842) 0.00ng/ul

response 0

| Ion    | Exp%  | Act% |
|--------|-------|------|
| 202.00 | 100   | 0.00 |
| 101.00 | 10.30 | 0.00 |
| 100.00 | 19.50 | 0.00 |
| 0.00   | 0.00  | 0.00 |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Instrument :

BNA\_E

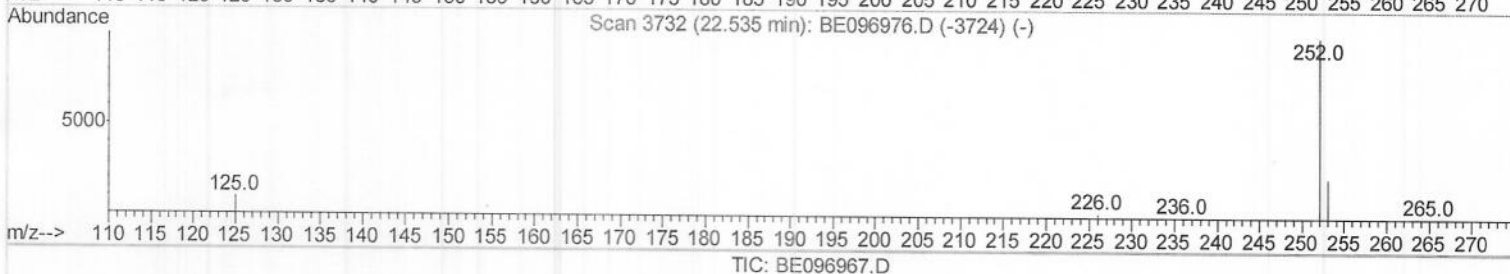
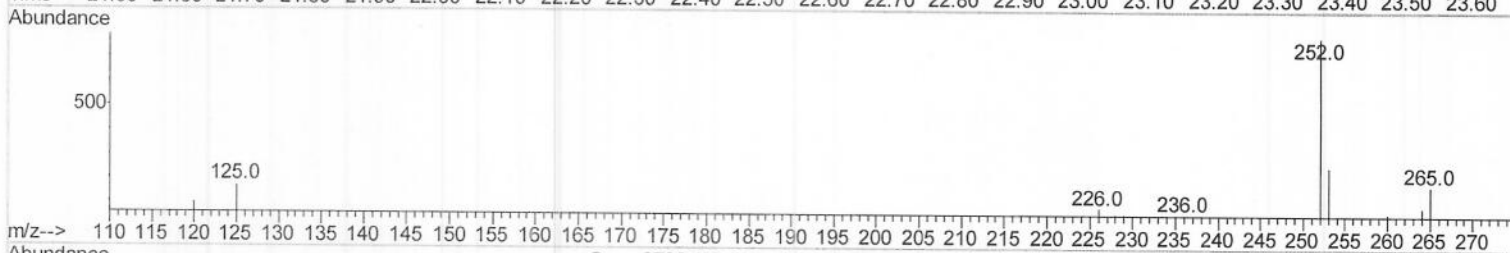
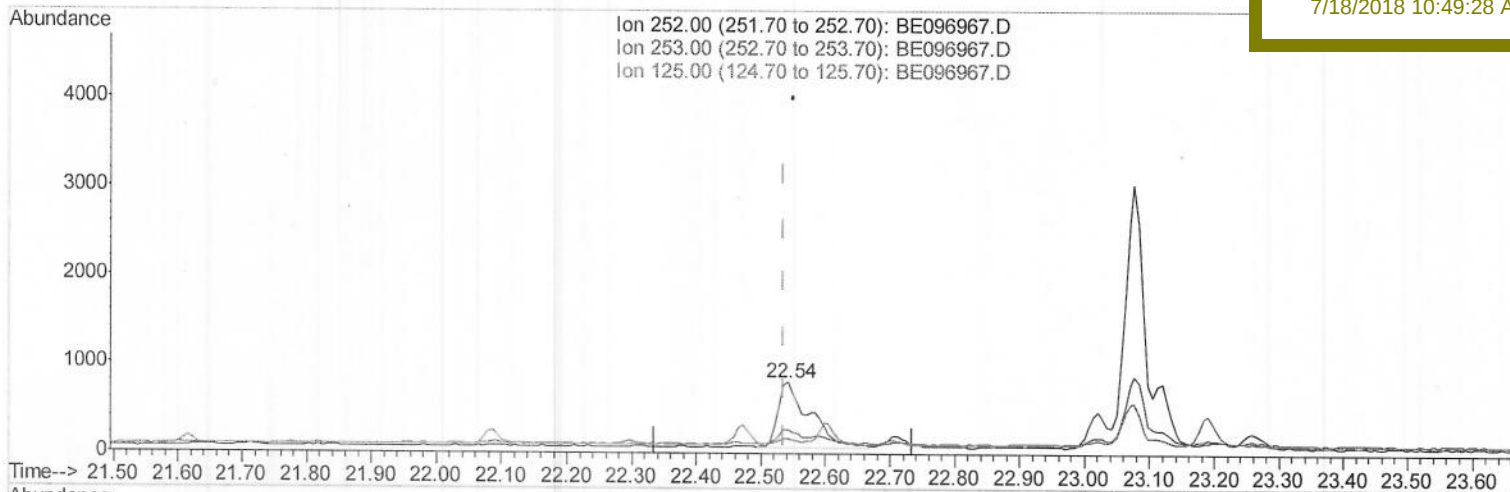
ClientSampleId :

DB1F6

Manual Integrations  
APPROVED

Sohil

7/18/2018 10:49:28 AM



(21) Benzo(b)fluoranthene

22.542min (+0.007) 0.03ng/ul

response 2406

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 32.10 | 32.32 |
| 125.00 | 17.50 | 21.34 |
| 0.00   | 0.00  | 0.00  |

# Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\

Data File : BE096967.D

Acq On : 17 Jul 2018 21:05

Operator : SJ/JU

Sample : J3967-10

Misc :

ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jul 30 13:36:59 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jul 30 12:51:39 2018

Response via : Initial Calibration

Instrument :

BNA\_E

ClientSampleId :

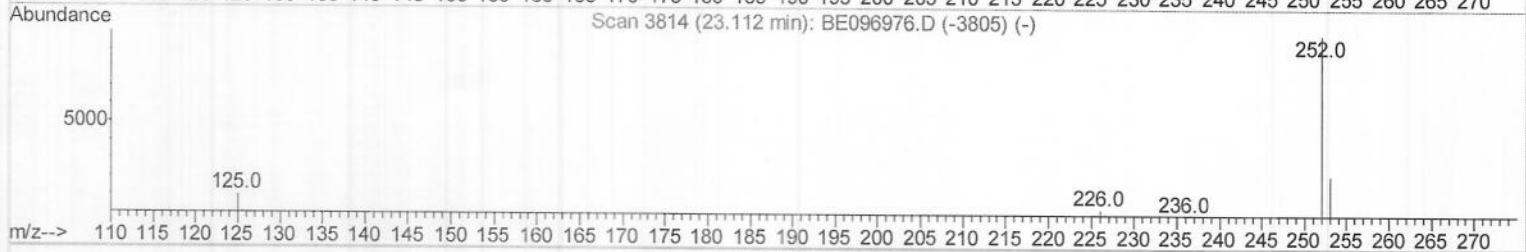
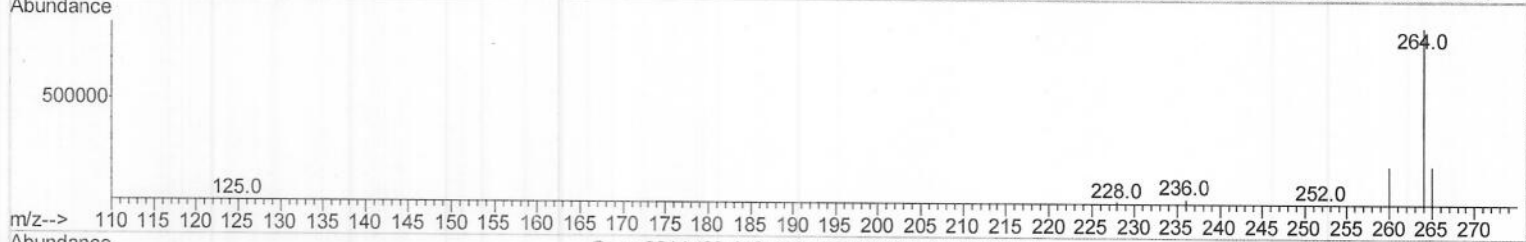
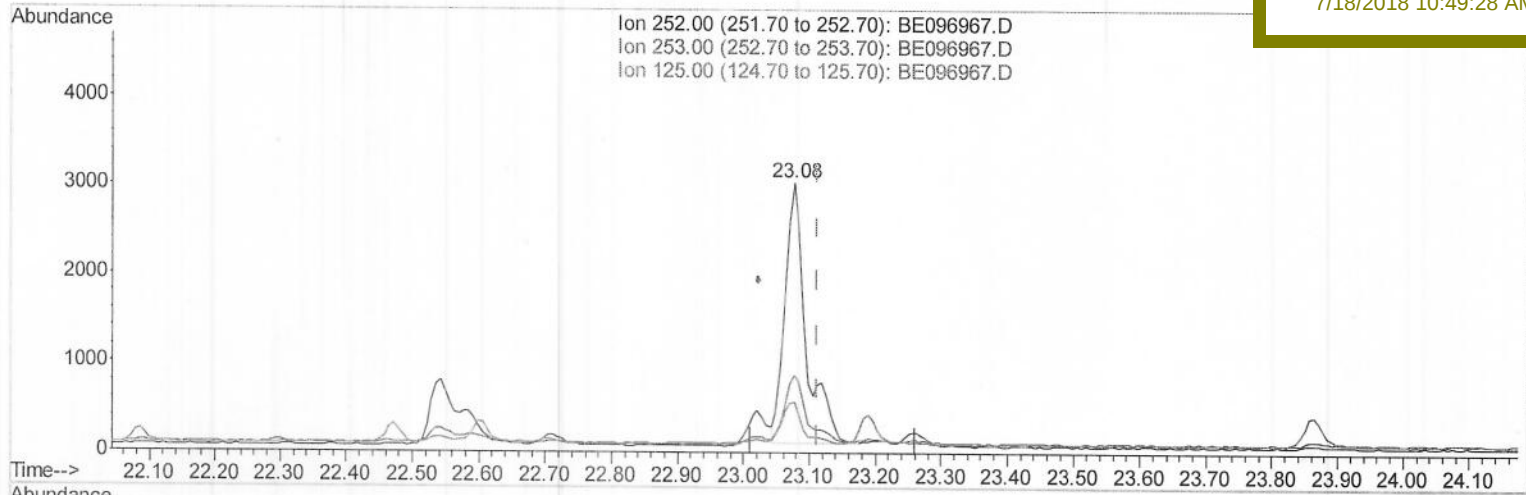
DB1F6

Manual Integrations

APPROVED

Sohil

7/18/2018 10:49:28 AM



(23) Benzo(a)pyrene (C)

23.077min (-0.035) 0.10ng/ul

response 6559

| Ion    | Exp%  | Act%  |
|--------|-------|-------|
| 252.00 | 100   | 100   |
| 253.00 | 35.60 | 28.86 |
| 125.00 | 22.60 | 18.43 |
| 0.00   | 0.00  | 0.00  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071718\  
 Data File : BE096967.D  
 Acq On : 17 Jul 2018 21:05  
 Operator : SJ/JU  
 Sample : J3967-10  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 Client Sampled :  
 DB1F6

Quant Time: Jul 18 10:56:16 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE071718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 18 03:40:41 2018  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Sohil  
 7/18/2018 10:49:28 AM

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev (Min)                      |
|-----------------------------|-------|------|----------|-------|--------|--------------------------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.39  | 152  | 1791     | 0.40  | ng/ul  | 0.00                           |
| 2) Naphthalene-d8           | 10.14 | 136  | 8987     | 0.40  | ng/ul  | 0.00                           |
| 6) Acenaphthene-d10         | 14.03 | 164  | 5600     | 0.40  | ng/ul  | 0.00                           |
| 10) Phenanthrene-d10        | 16.78 | 188  | 14348m   | 0.40  | ng/ul  | 0.00                           |
| 16) Chrysene-d12            | 20.98 | 240  | 14418m   | 0.40  | ng/ul  | 0.00                           |
| 20) Perylene-d12            | 23.21 | 264  | 13948m   | 0.40  | ng/ul  | 0.00                           |
| System Monitoring Compounds |       |      |          |       |        |                                |
| 4) 2-Methylnaphthalene-d10  | 11.74 | 152  | 5432     | 0.38  | ng/ul  | 0.00                           |
| 14) Fluoranthene-d10        | 18.81 | 212  | 16133m   | 0.37  | ng/ul  | 0.00                           |
| Target Compounds            |       |      |          |       |        |                                |
| 15) Fluoranthene            | 18.84 | 202  | 1505m    | 0.030 | ng/ul  | Ovalue<br>86<br>87<br>88<br>81 |
| 17) Pyrene                  | 19.21 | 202  | 1521     | 0.036 | ng/ul# |                                |
| 18) Benzo(a)anthracene      | 20.96 | 228  | 889      | 0.023 | ng/ul# |                                |
| 19) Chrysene                | 21.01 | 228  | 1273     | 0.029 | ng/ul# |                                |
| 21) Benzo(b)fluoranthene    | 22.54 | 252  | 1681m    | 0.042 | ng/ul  |                                |
| 23) Benzo(a)pyrene          | 23.12 | 252  | 1036m    | 0.030 | ng/ul  |                                |
| 26) Benzo(a,h,i)perylene    | 26.20 | 276  | 855      | 0.025 | ng/ul# |                                |

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

SJ  
 07/18/18