

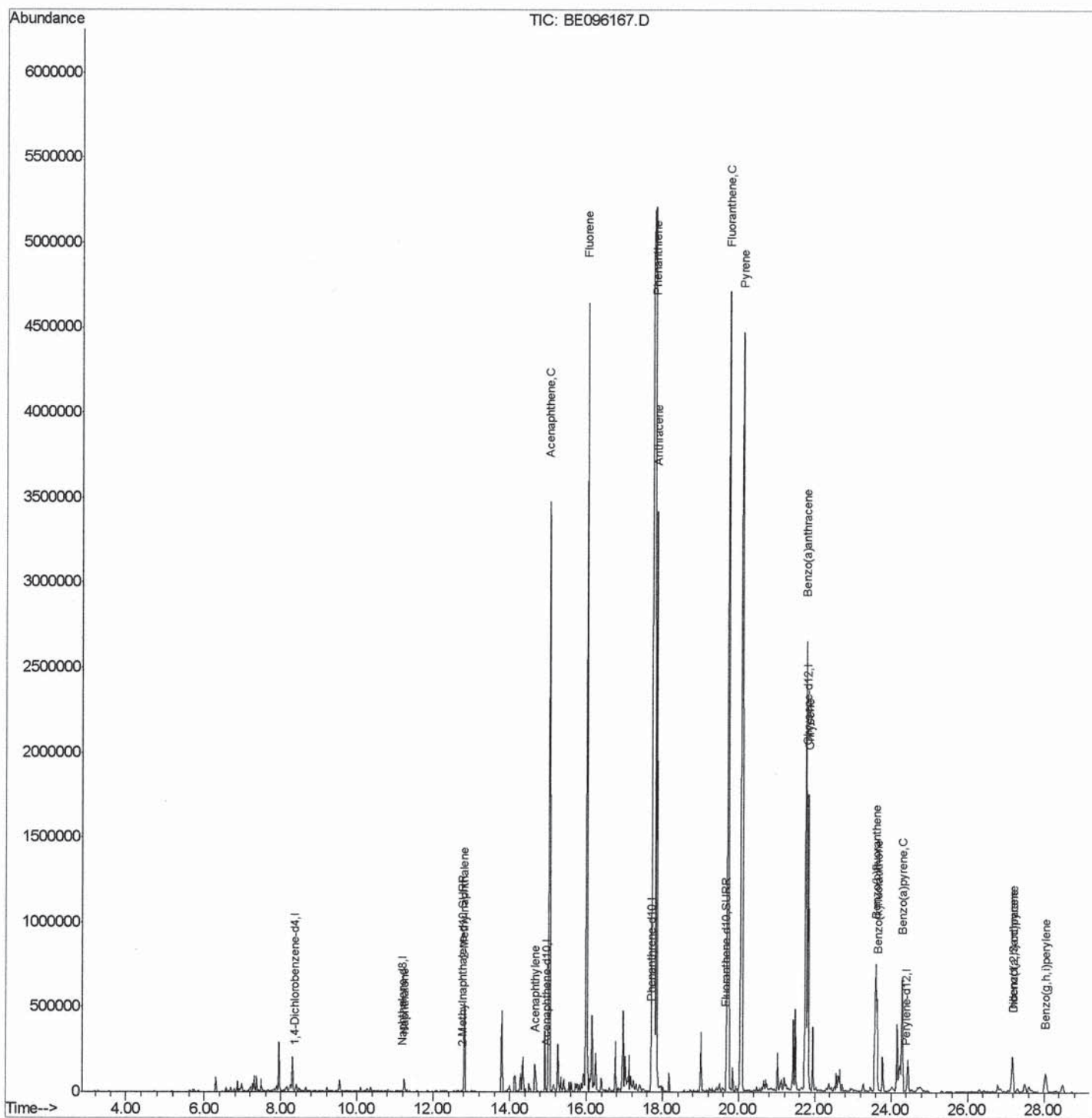
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:31:31 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

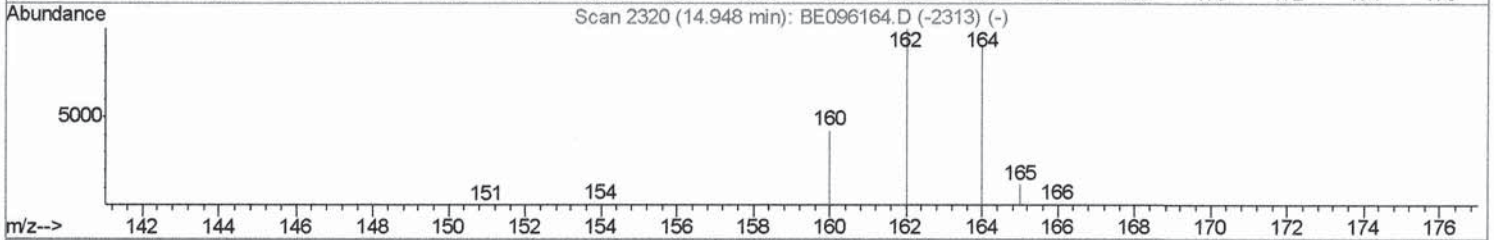
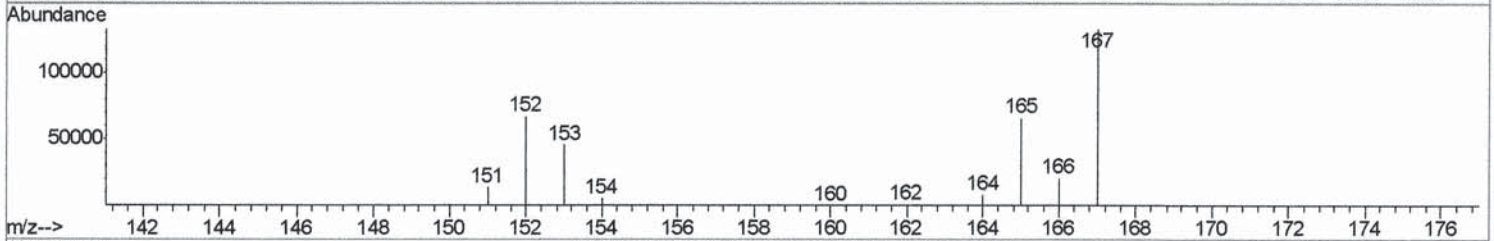
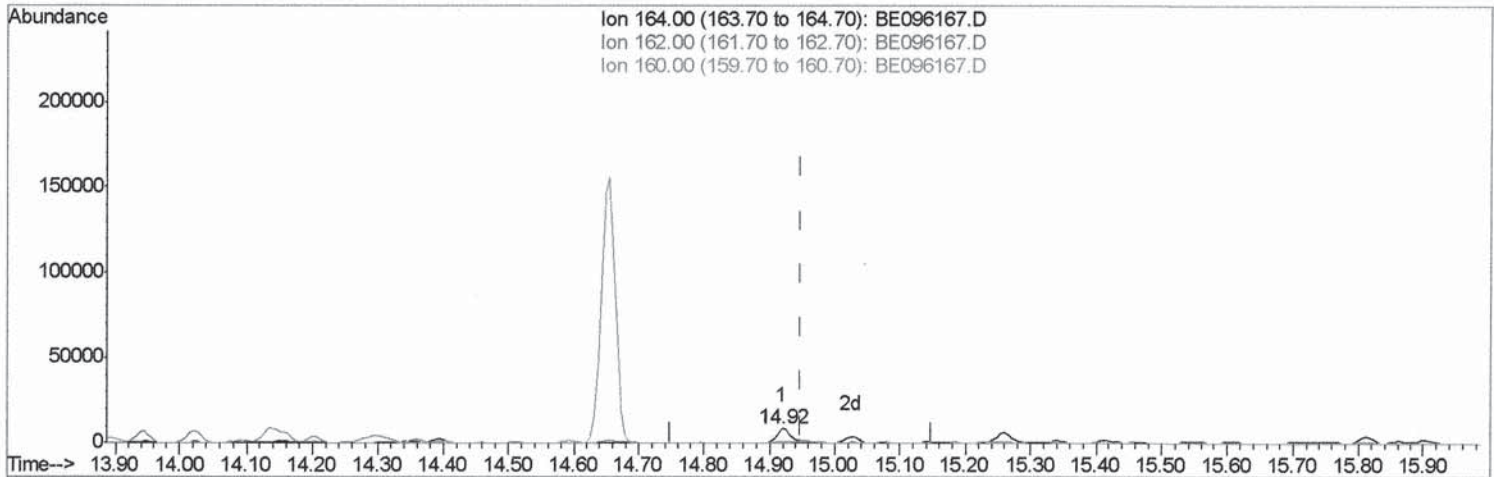
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:26:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BE096167.D

(6) Acenaphthene-d10 (I)

14.919min (-0.030) 0.40ng/ul

response 13860

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	9.60#
160.00	48.80	3.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

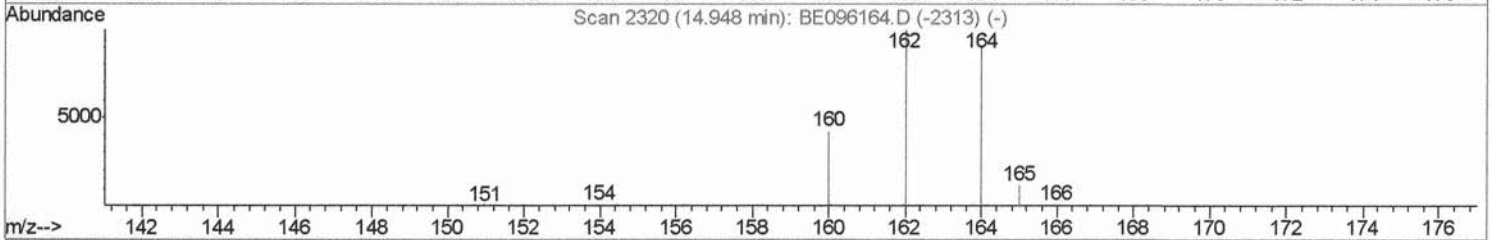
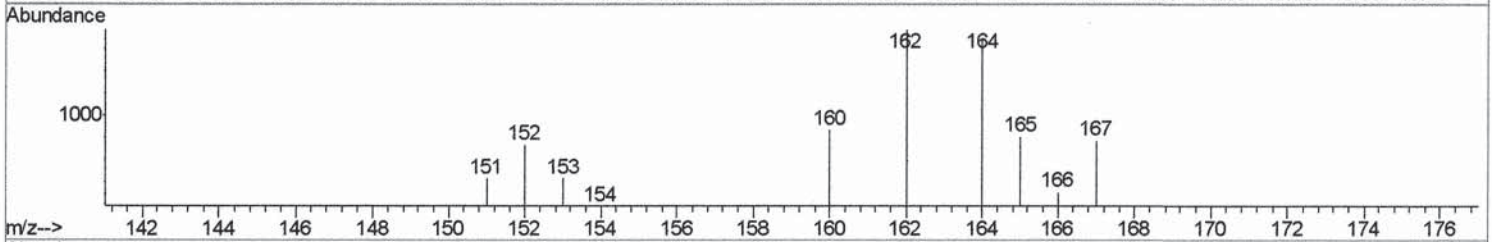
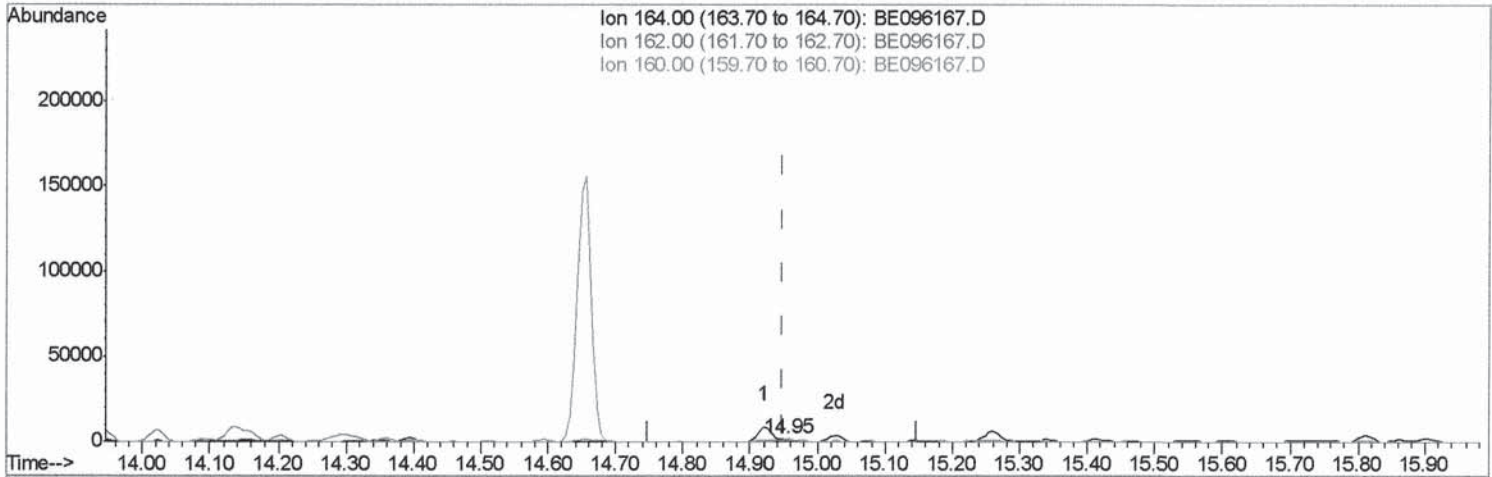
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096167.D
 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 DASP7

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:26:20 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096167.D

(6) Acenaphthene-d10 (I)

14.954min (+0.006) 0.40ng/ul m } SJ 4/24/18

response 2083

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	104.42
160.00	48.80	51.18
0.00	0.00	0.00

Quantitation Report (Qedit)

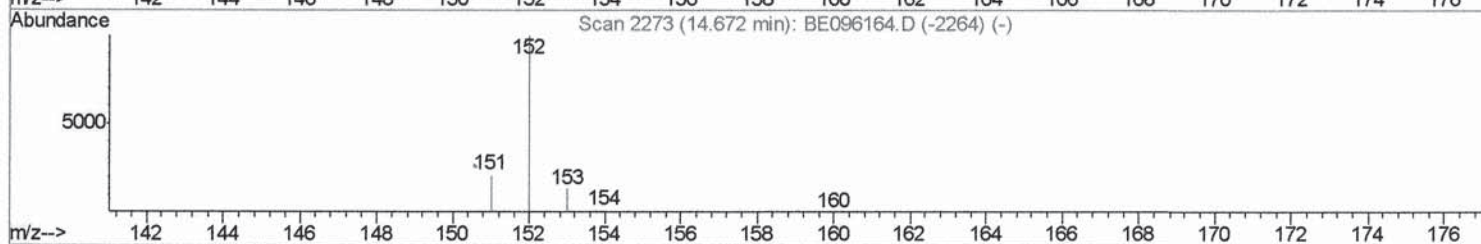
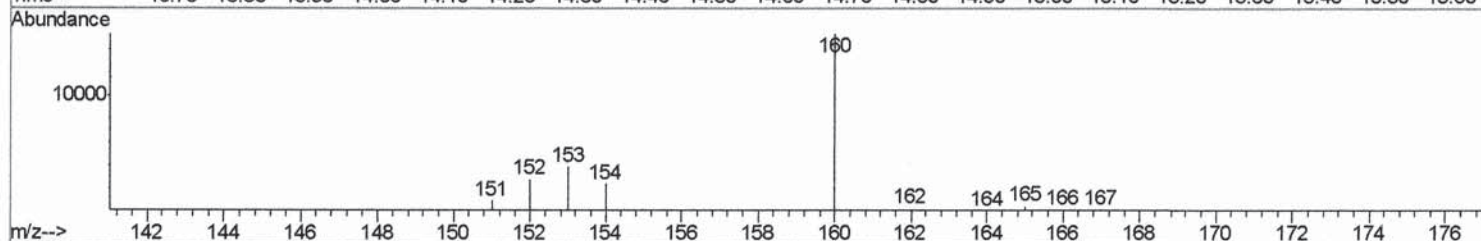
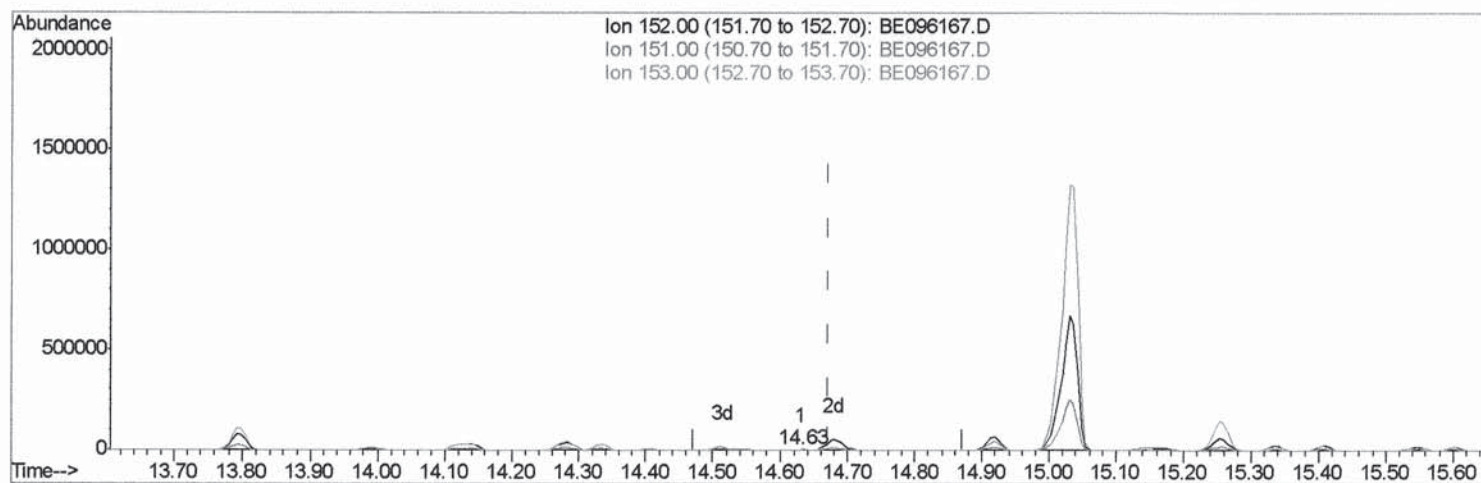
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:28:01 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
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TIC: BE096167.D

(7) Acenaphthylene

14.631min (-0.041) 0.34ng/ul

response 3691

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	34.96#
153.00	16.00	140.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

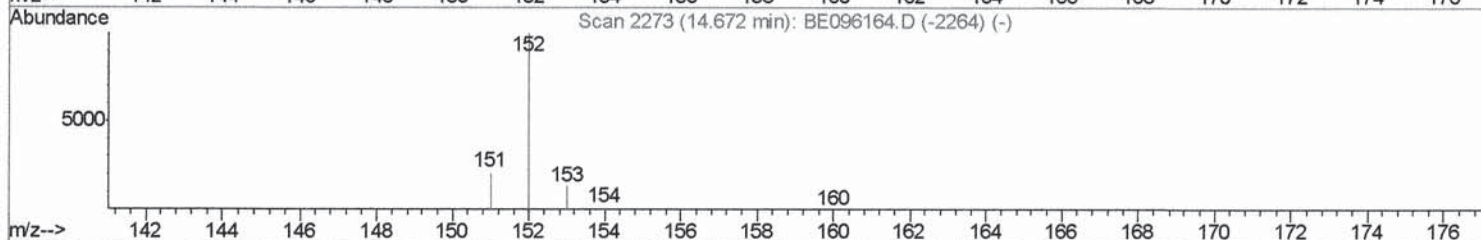
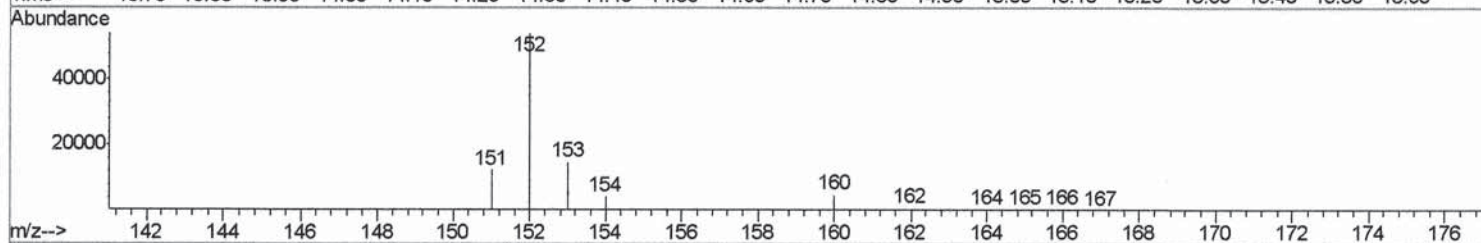
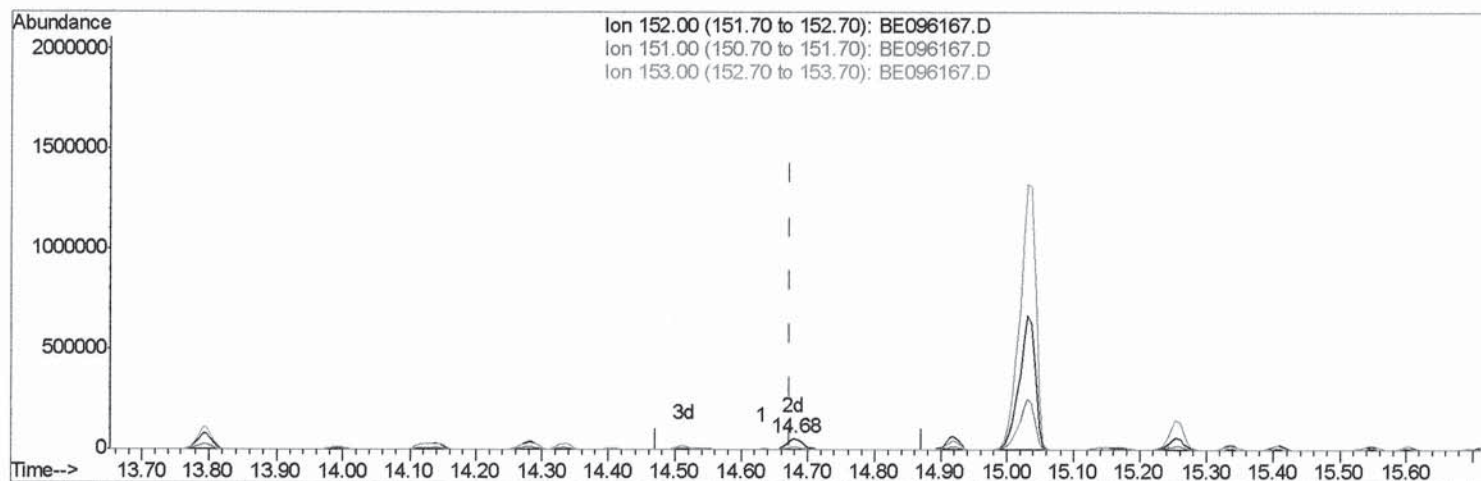
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:28:01 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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Response via : Initial Calibration



TIC: BE096167.D

(7) Acenaphthylene

14.678min (+0.006) 8.38ng/ul m> SJ 4/24/18

response 89944

Ion	Exp%	Act%
152.00	100	100
151.00	21.40	22.70
153.00	16.00	27.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

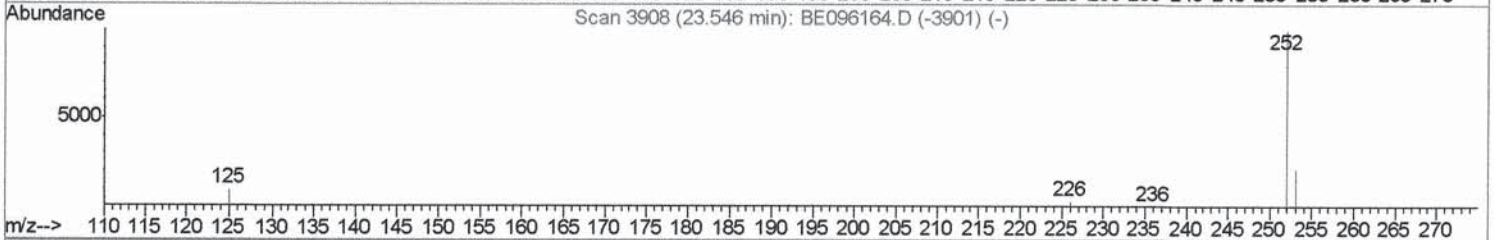
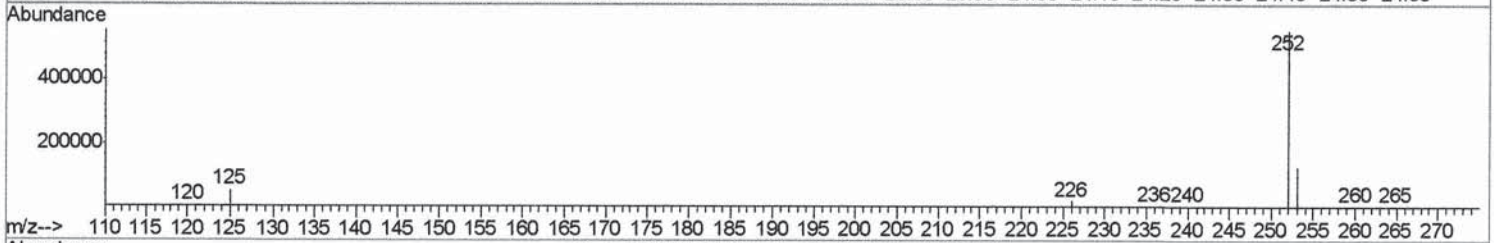
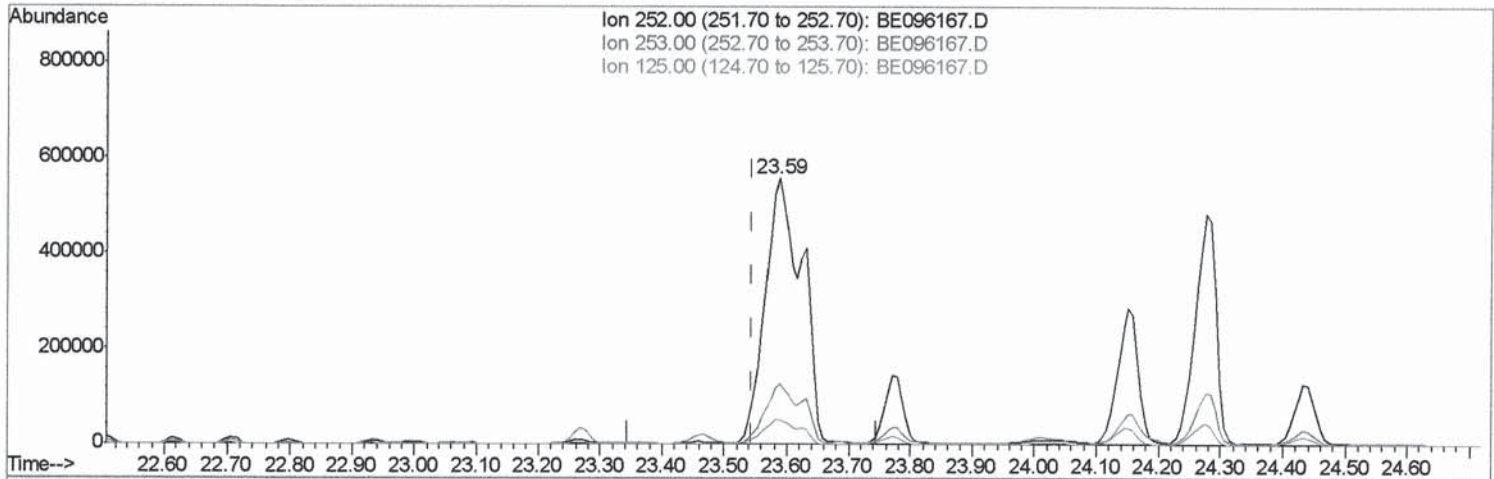
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096167.D
 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:28:01 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096167.D

(21) Benzo(b)fluoranthene

23.588min (+0.042) 107.28ng/ul

response 2276427

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.80
125.00	17.50	9.18
0.00	0.00	0.00

Quantitation Report (Qedit)

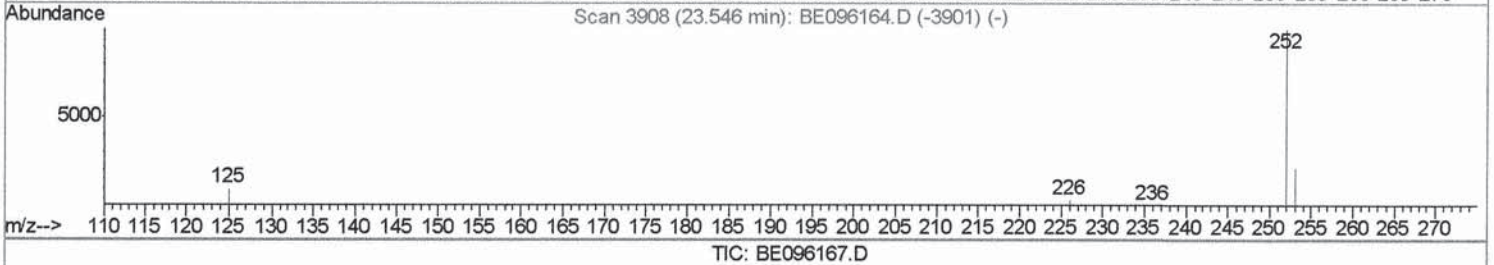
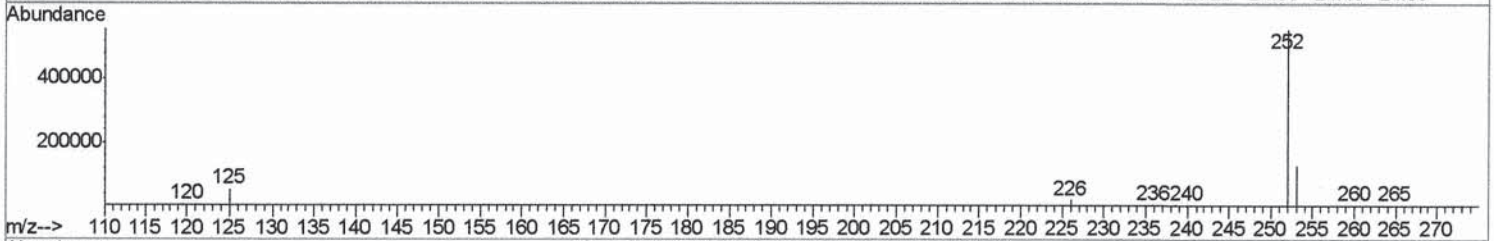
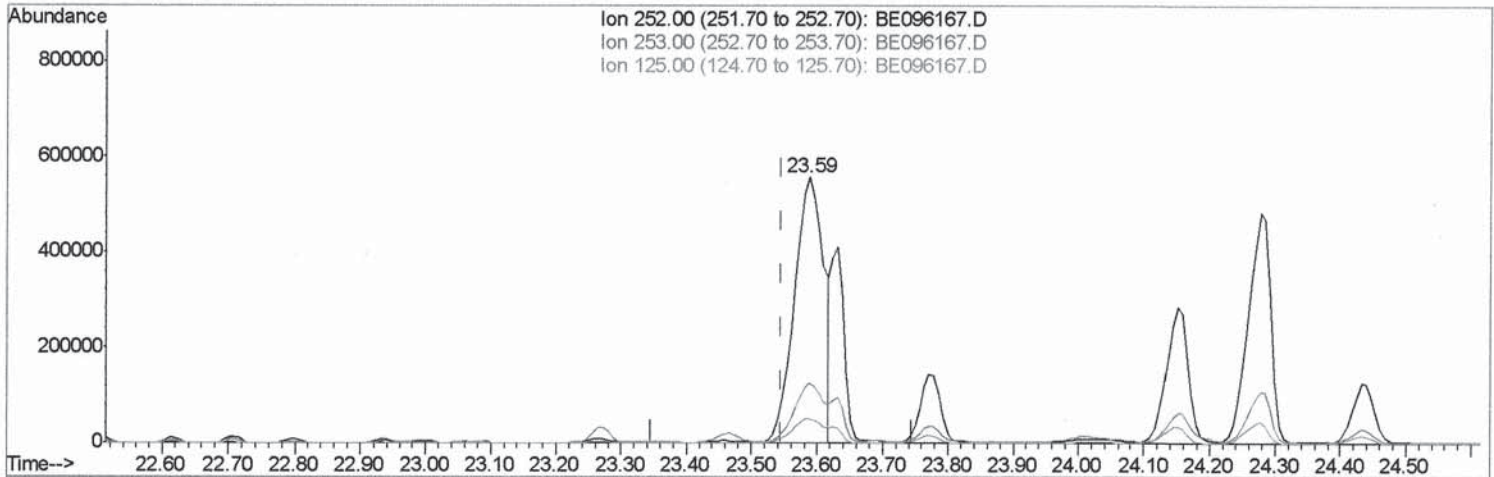
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096167.D
 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP7

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:28:01 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



(21) Benzo(b)fluoranthene

23.588min (+0.042) 81.28ng/ul m) SJ 4/24/18

response 1724649

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.80
125.00	17.50	9.18
0.00	0.00	0.00

Quantitation Report (Qedit)

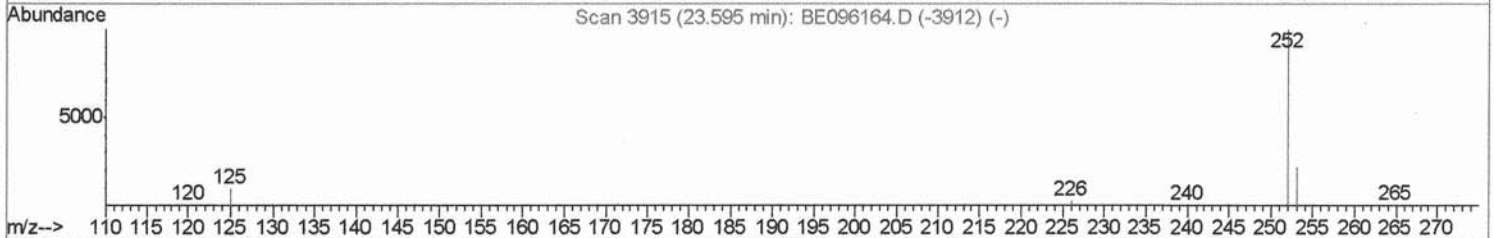
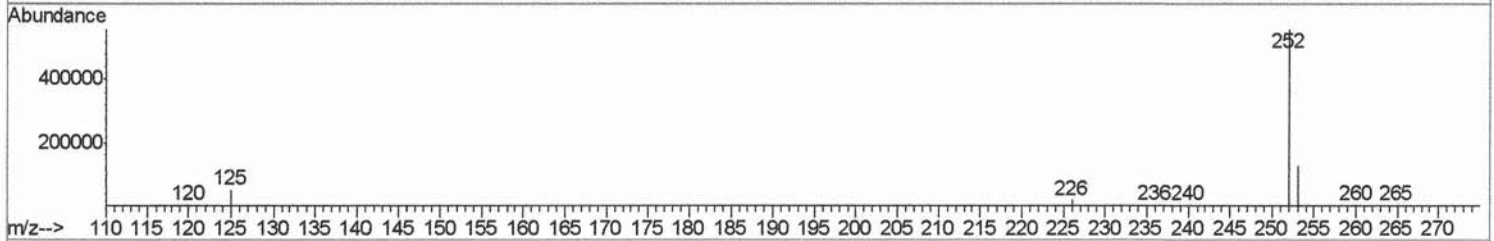
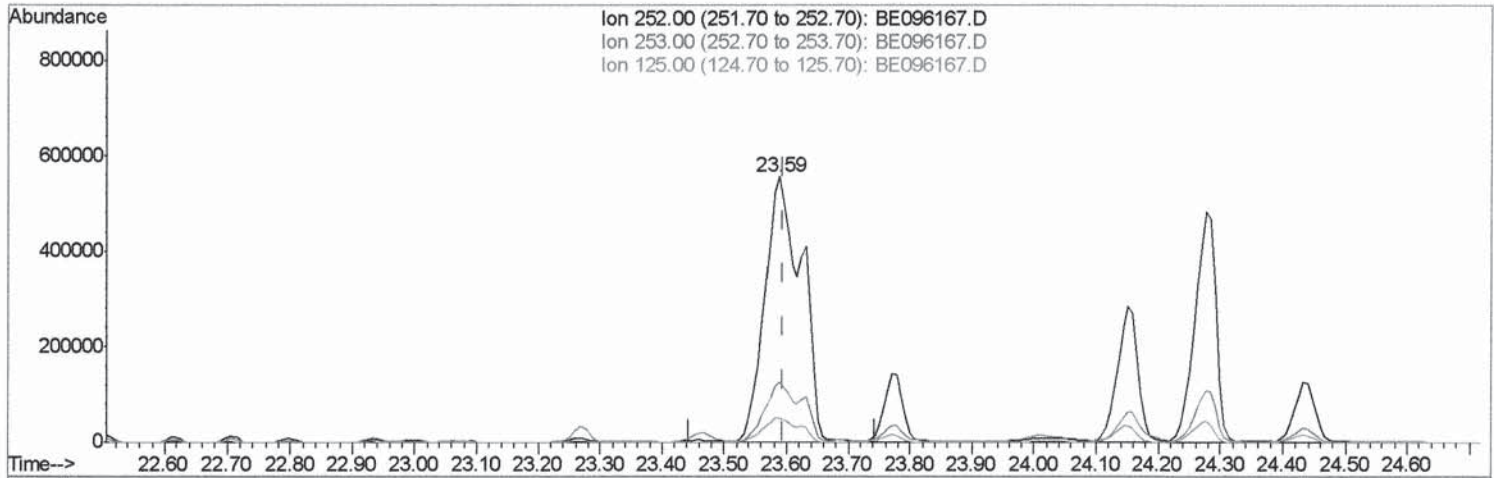
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096167.D
 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP7

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:28:01 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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 Response via : Initial Calibration



TIC: BE096167.D

(22) Benzo(k)fluoranthene

23.588min (-0.007) 112.22ng/ul

response 2276427

Ion Exp% Act%

252.00 100 100

253.00 30.60 22.80#

125.00 17.10 9.18#

0.00 0.00 0.00

Quantitation Report (Qedit)

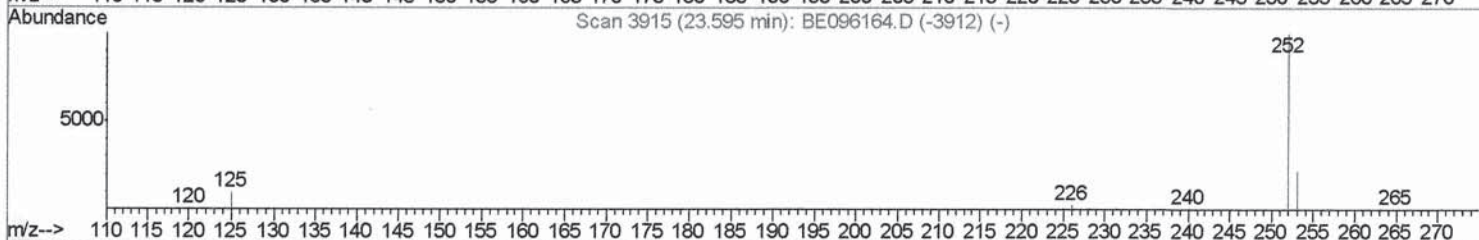
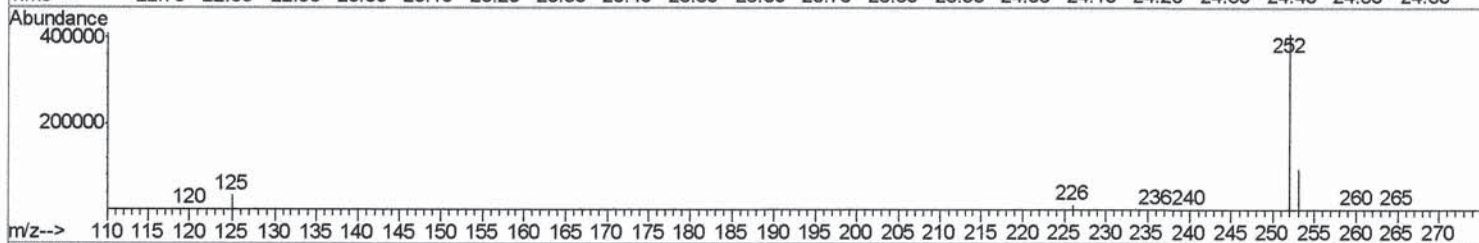
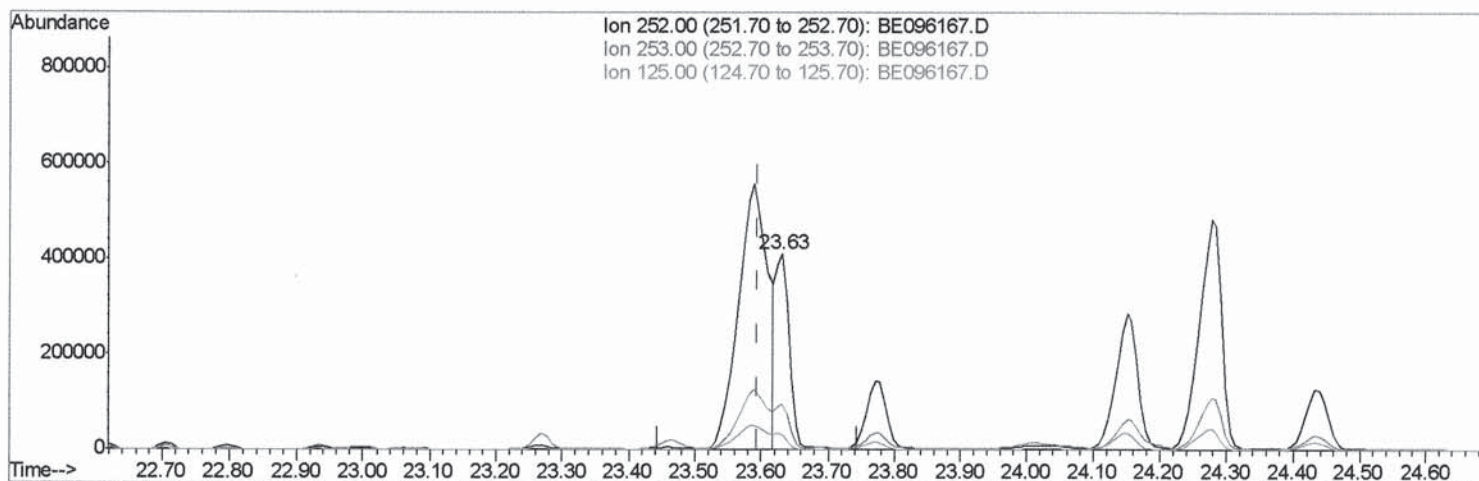
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP7

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:24 PM

Quant Time: Apr 26 16:28:01 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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Response via : Initial Calibration



TIC: BE096167.D

(22) Benzo(k)fluoranthene

23.630min (+0.035) 27.54ng/ul m > SJ 4/27/18

response 558703

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.66#
125.00	17.10	8.02#
0.00	0.00	0.00

Quantitation Report (Qedit)

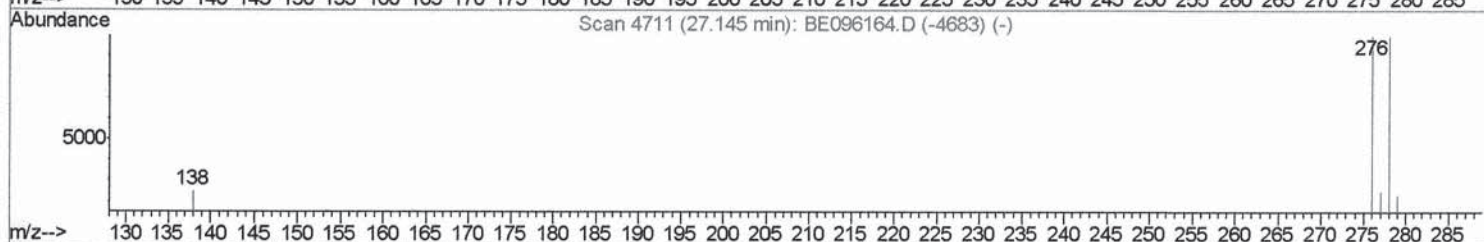
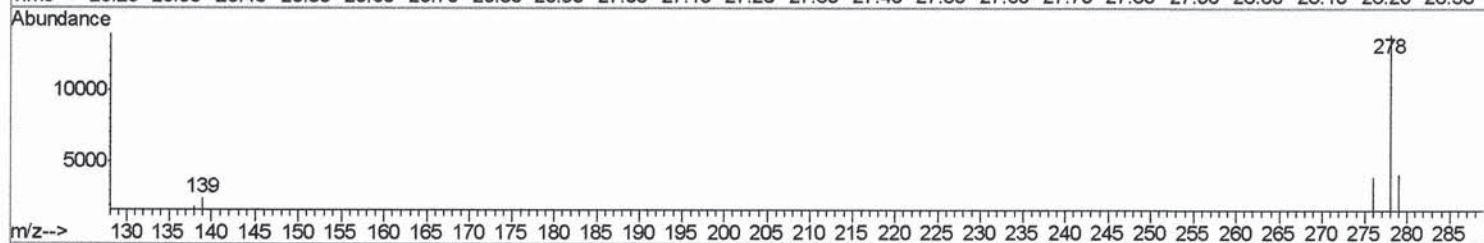
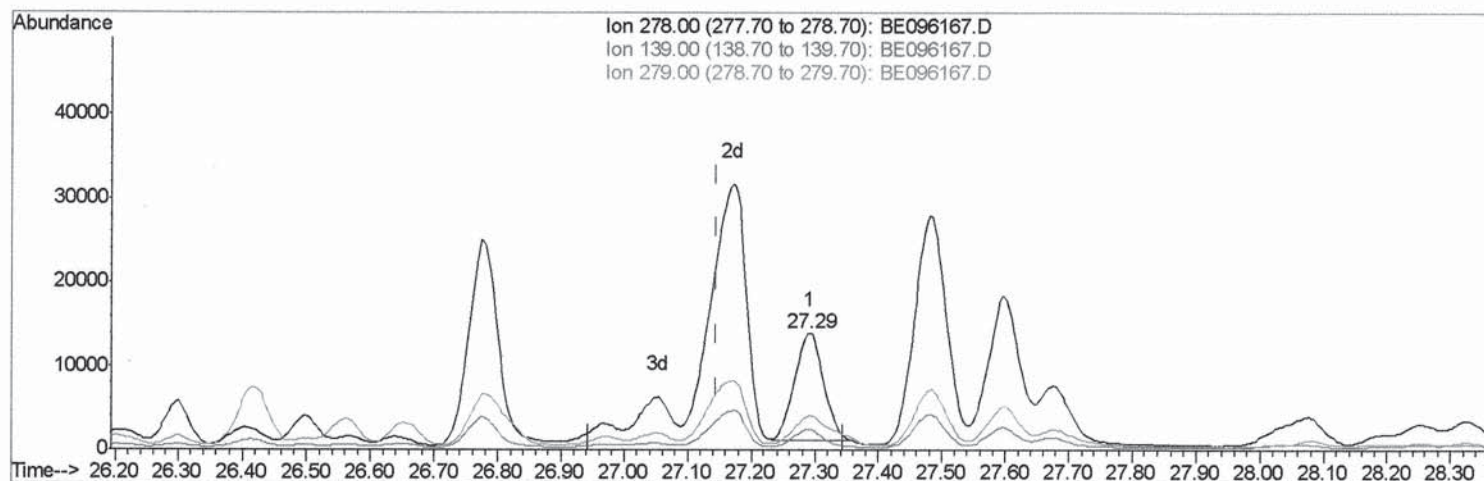
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
Data File : BE096167.D
Acq On : 26 Apr 2018 2:41
Operator : SJ/JU
Sample : J2431-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP7

Manual Integrations
APPROVED

Sohil
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TIC: BE096167.D

(25) Dibenzo(a,h)anthracene

27.291min (+0.147) 1.95ng/ul

response 40633

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	17.68
279.00	32.40	29.92
0.00	0.00	0.00

Quantitation Report (Qedit)

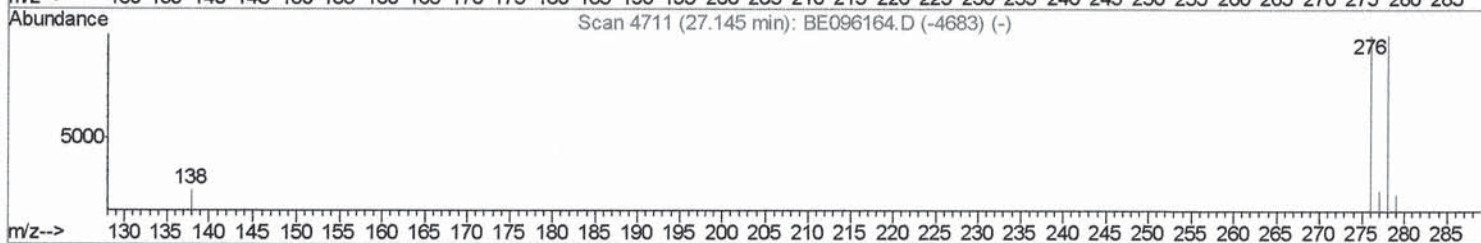
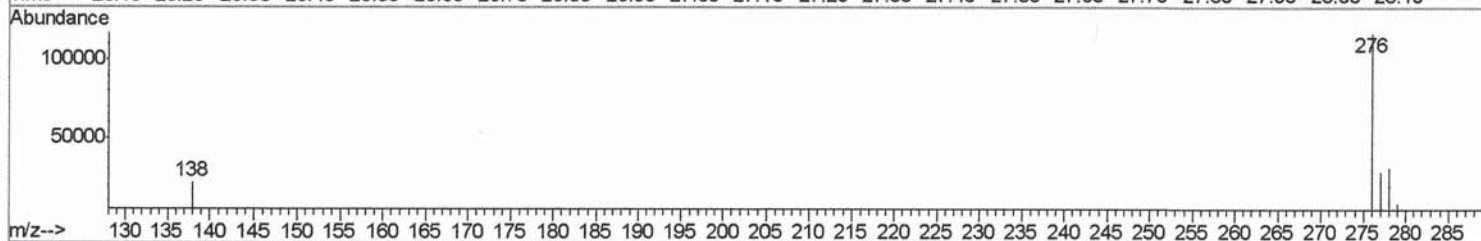
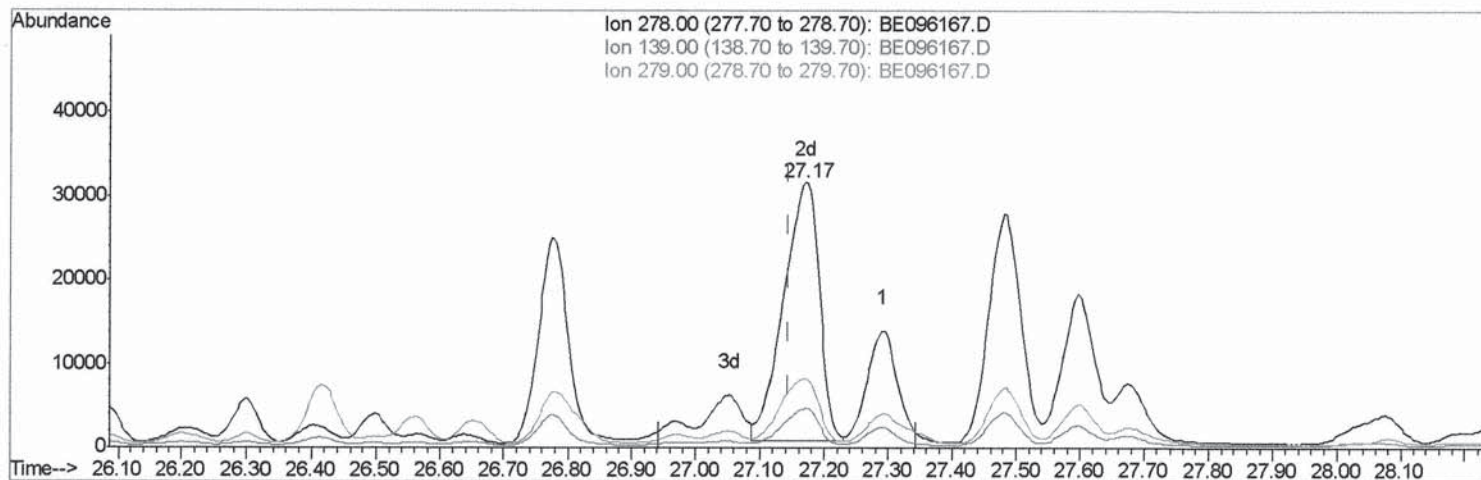
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
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 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:24 PM

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 Response via : Initial Calibration



TIC: BE096167.D

(25) Dibenzo(a,h)anthracene

27.170min (+0.026) 5.72ng/ul m> SJ 4/27/18

response 118993

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	14.99#
279.00	32.40	26.32
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096167.D
 Acq On : 26 Apr 2018 2:41
 Operator : SJ/JU
 Sample : J2431-16
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Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	1085	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	4136	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2083m)	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.68	188	5305	0.40	ng/ul	0.03
16) Chrysene-d12	21.77	240	8641	0.40	ng/ul	0.03
20) Perylene-d12	24.38	264	5604	0.40	ng/ul	0.02

SJ 4/27/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.74	152	1886	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.66	212	3560	0.15	ng/ul	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.23	128	100633	8.738	ng/ul#	92
5) 2-Methylnaphthalene	12.81	142	442197	57.309	ng/ul	100
7) Acenaphthylene	14.68	152	89944m)	8.376	ng/ul	
8) Acenaphthene	15.03	153	2255206	291.285	ng/ul	93
9) Fluorene	16.02	166	4001993	390.662	ng/ul#	91
12) Phenanthrene	17.79	178	16788711	1074.887	ng/ul#	87
13) Anthracene	17.84	178	3339196	213.096	ng/ul#	91
15) Fluoranthene	19.72	202	12516527	524.268	ng/ul	84
17) Pyrene	20.08	202	10905087	629.072	ng/ul#	80
18) Benzo(a)anthracene	21.76	228	4033773	154.192	ng/ul#	83
19) Chrysene	21.82	228	1781445	74.106	ng/ul	94
21) Benzo(b)fluoranthene	23.59	252	1724649m	81.276	ng/ul	
22) Benzo(k)fluoranthene	23.63	252	558703m	27.542	ng/ul	
23) Benzo(a)pyrene	24.28	252	1135458	61.594	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	27.17	276	407181	16.393	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.17	278	118993m	5.721	ng/ul	
26) Benzo(g,h,i)perylene	28.03	276	300570	13.902	ng/ul#	91

SJ 4/27/18

SJ 4/27/18

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