

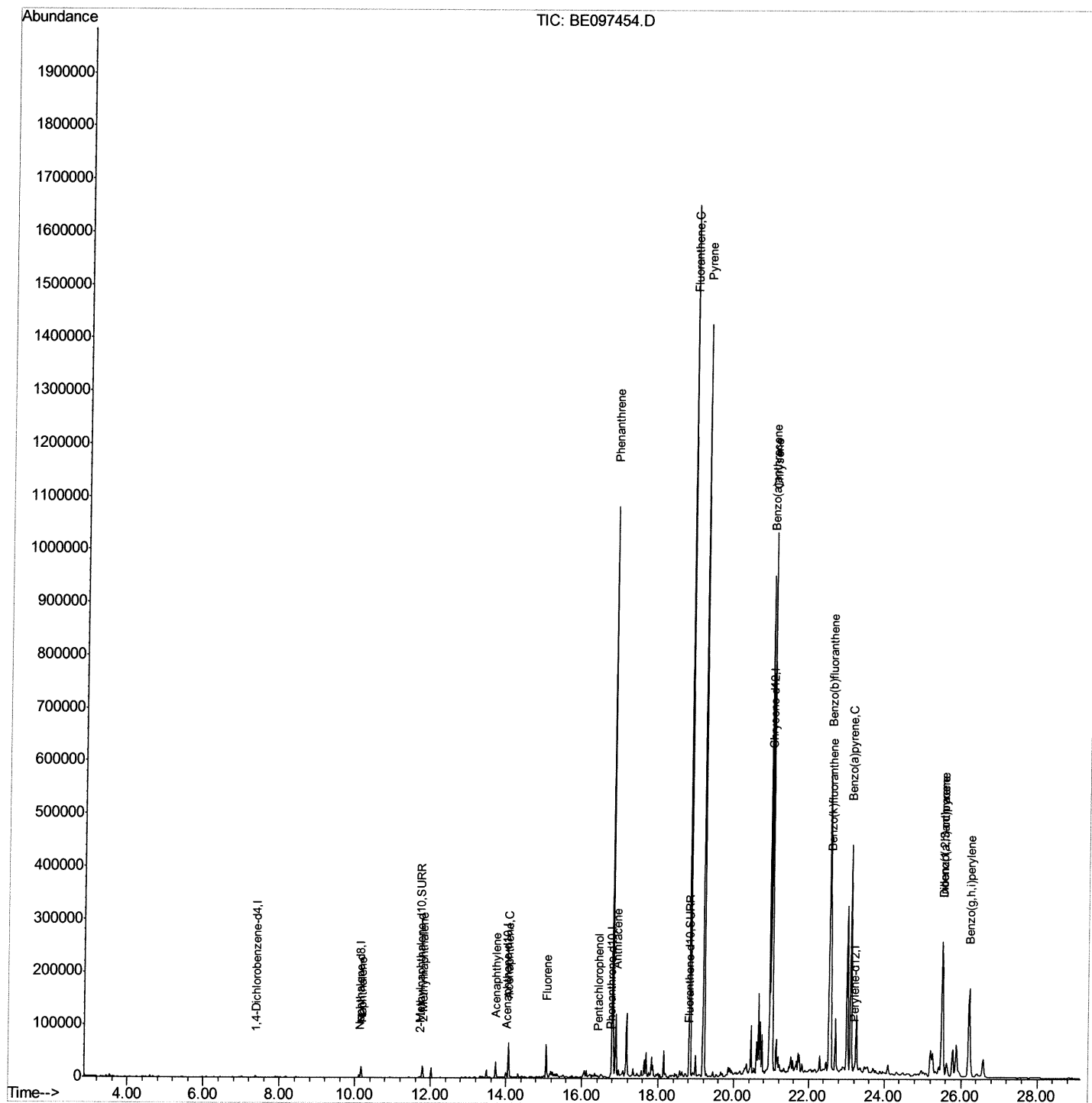
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097454.D
Acq On : 12 Sep 2018 15:07
Operator : SJ/JU
Sample : J4688-20MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:19 PM

Quant Time: Sep 13 01:42:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

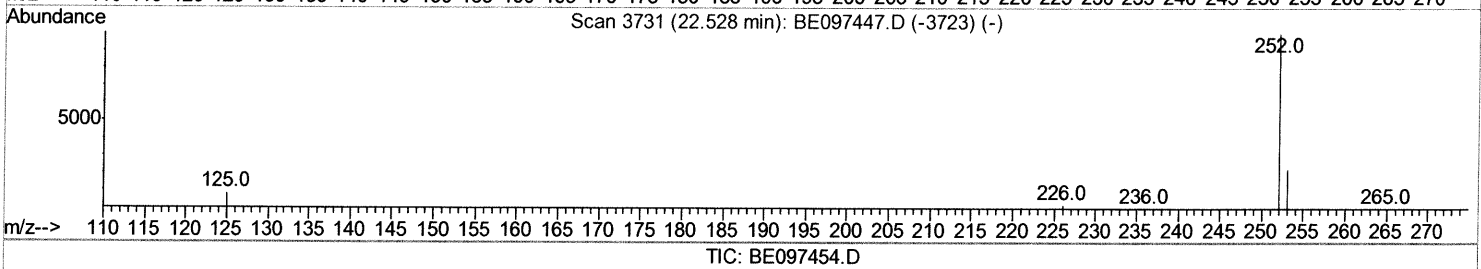
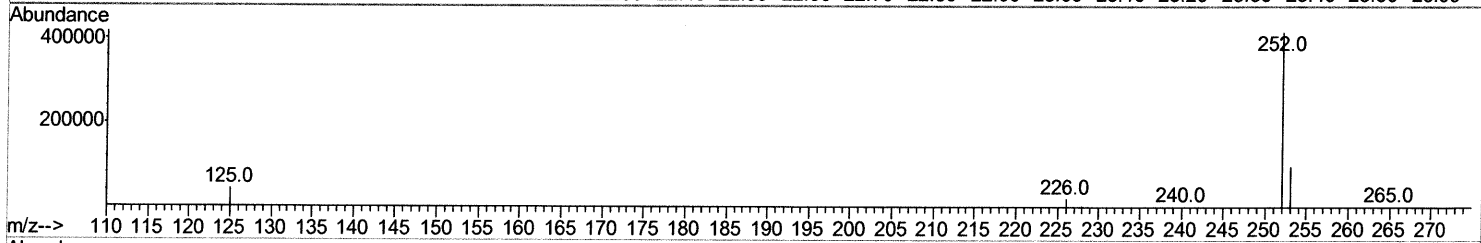
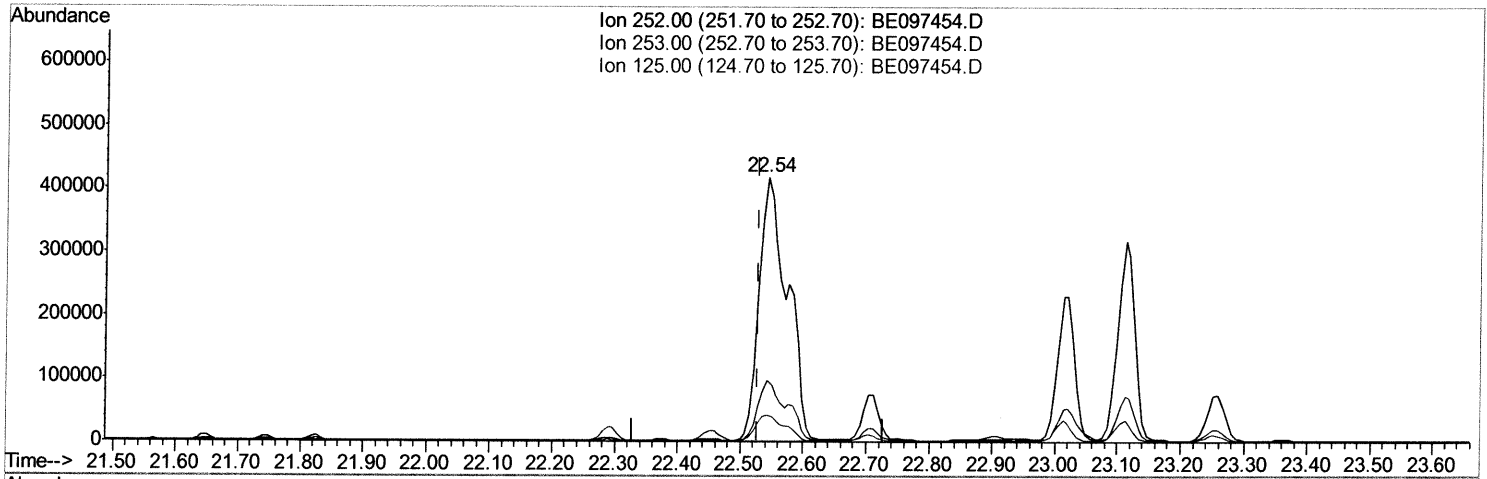
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Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(21) Benzo(b)fluoranthene

22.542min (+0.014) 39.27ng/ul

response 1294848

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.20
125.00	17.50	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

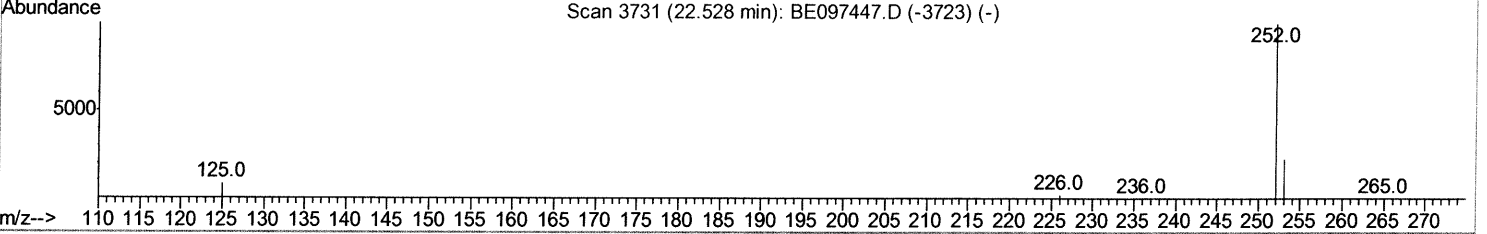
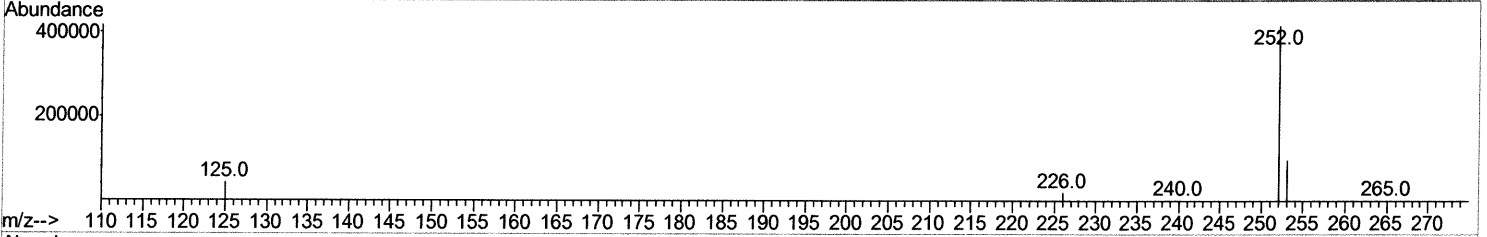
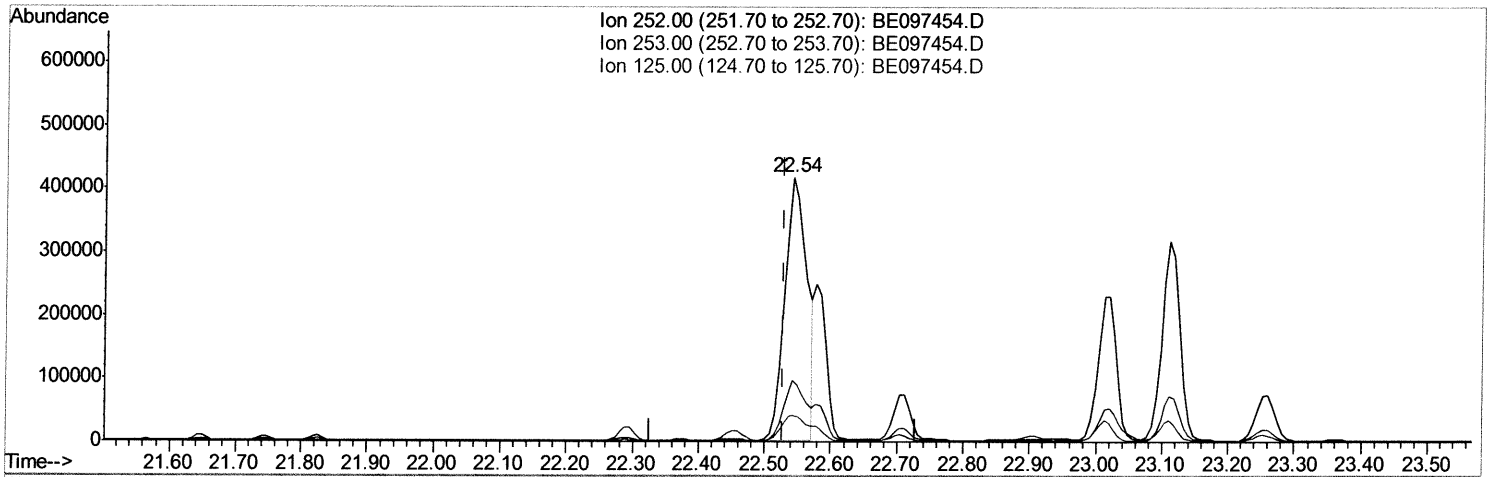
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
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TIC: BE097454.D

(21) Benzo(b)fluoranthene

22.542min (+0.014) 29.83ng/ul m > SJ 9/18/18

response 983614

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.20
125.00	17.50	10.16
0.00	0.00	0.00

Quantitation Report (Qedit)

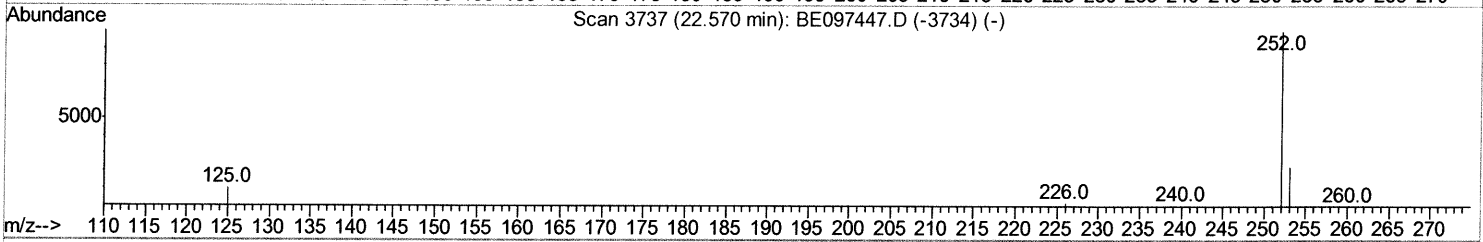
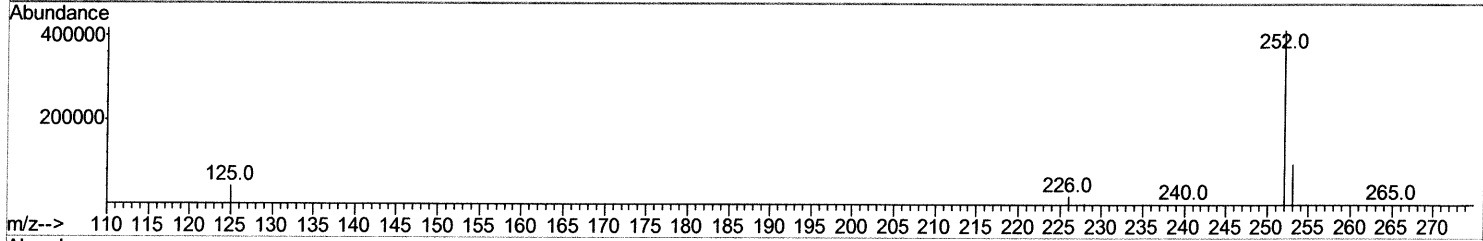
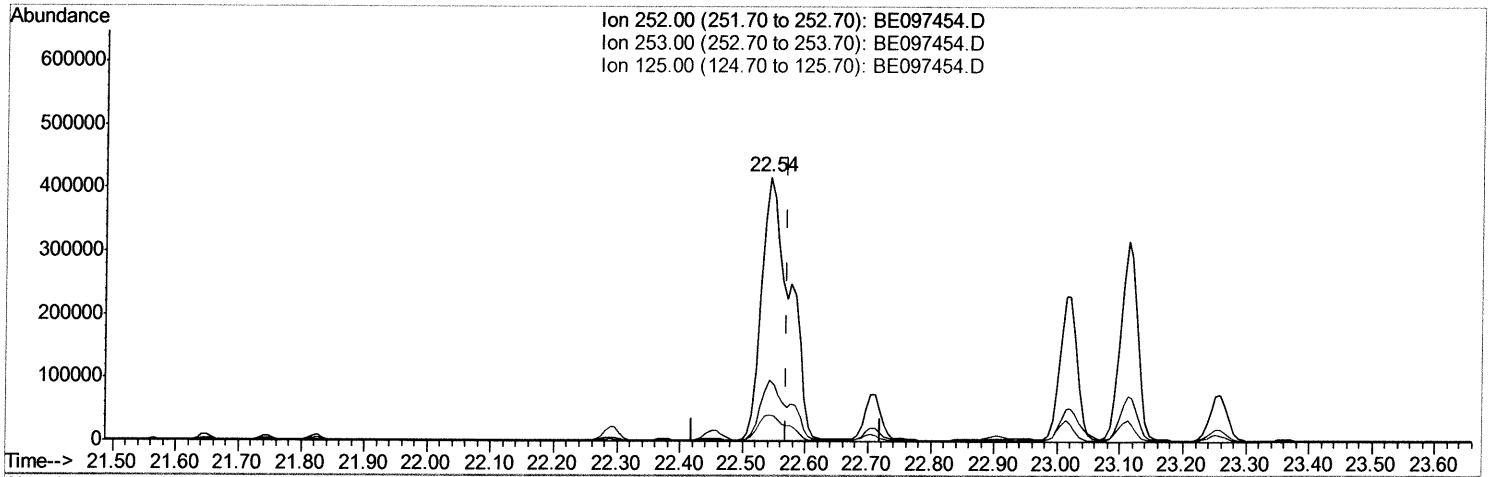
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
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 Operator : SJ/JU
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 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
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TIC: BE097454.D

(22) Benzo(k)fluoranthene

22.542min (-0.028) 35.21ng/ul

response 1294848

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.20#
125.00	17.10	10.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

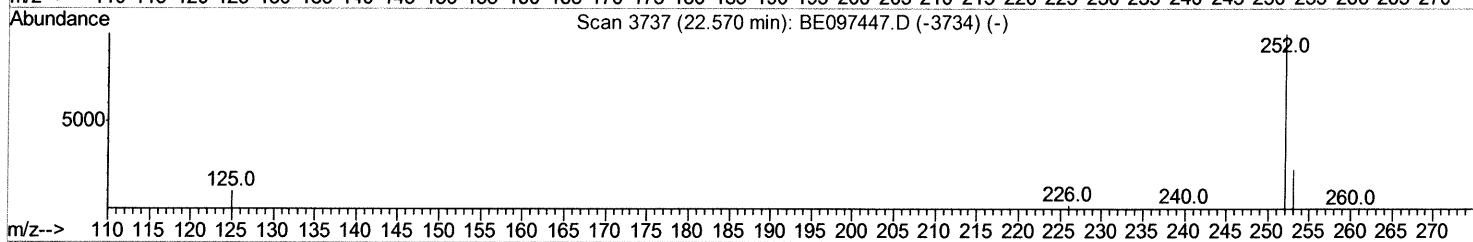
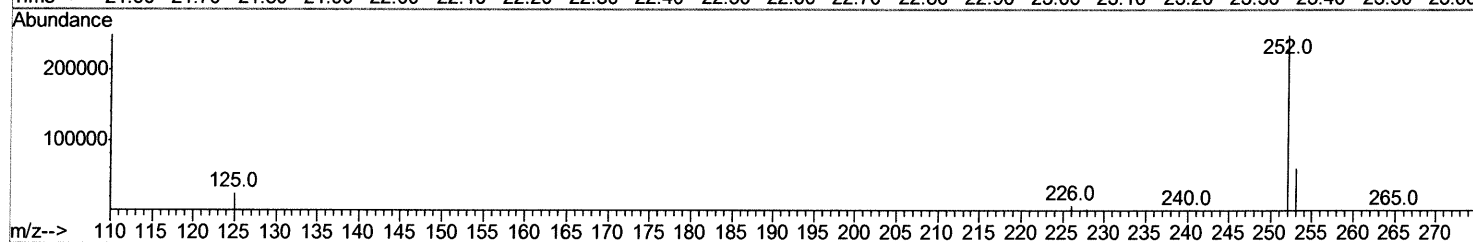
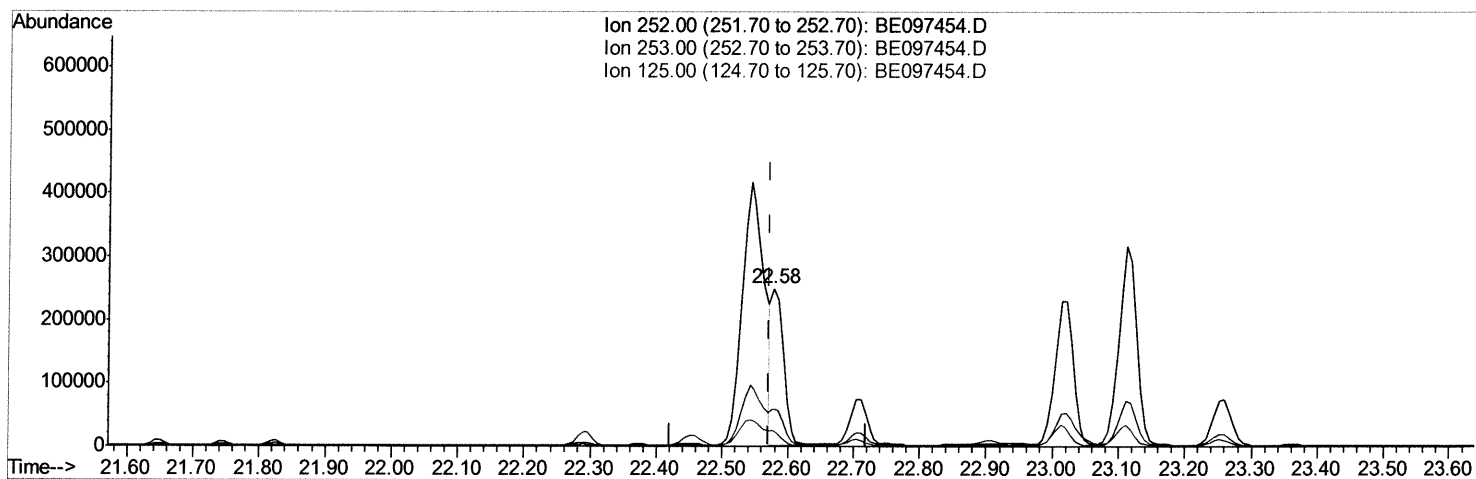
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097454.D
Acq On : 12 Sep 2018 15:07
Operator : SJ/JU
Sample : J4688-20MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations
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TIC: BE097454.D

(22) Benzo(k)fluoranthene

22.577min (+0.007) 8.26ng/ul m> SJ 9/18/18

response 303792

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.83#
125.00	17.10	10.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

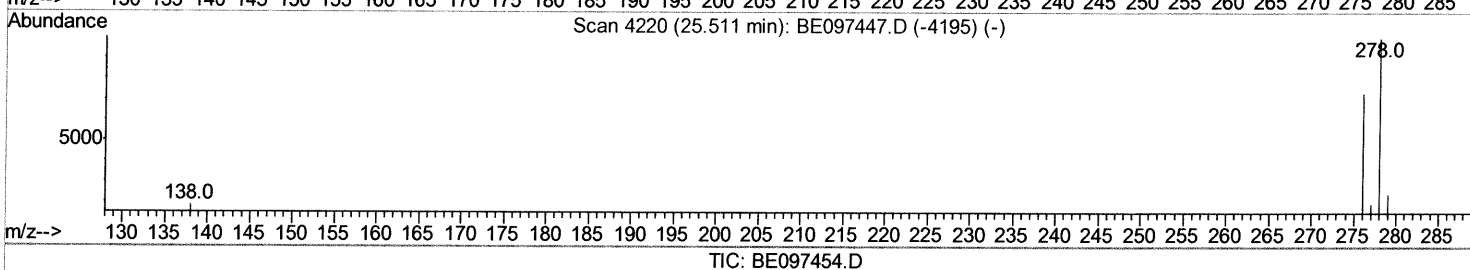
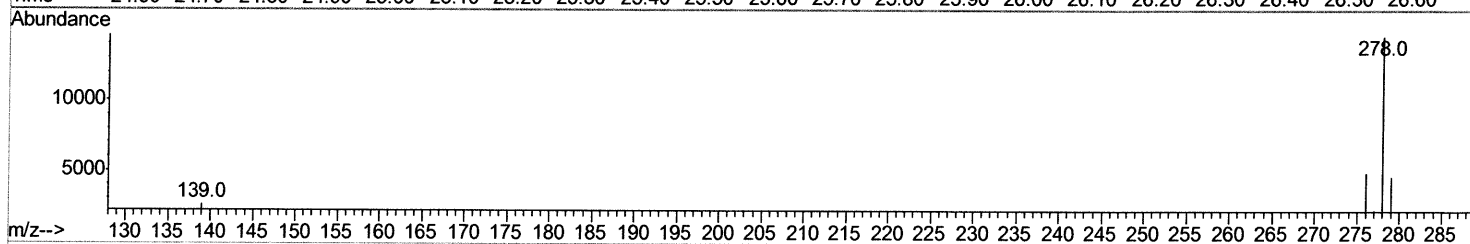
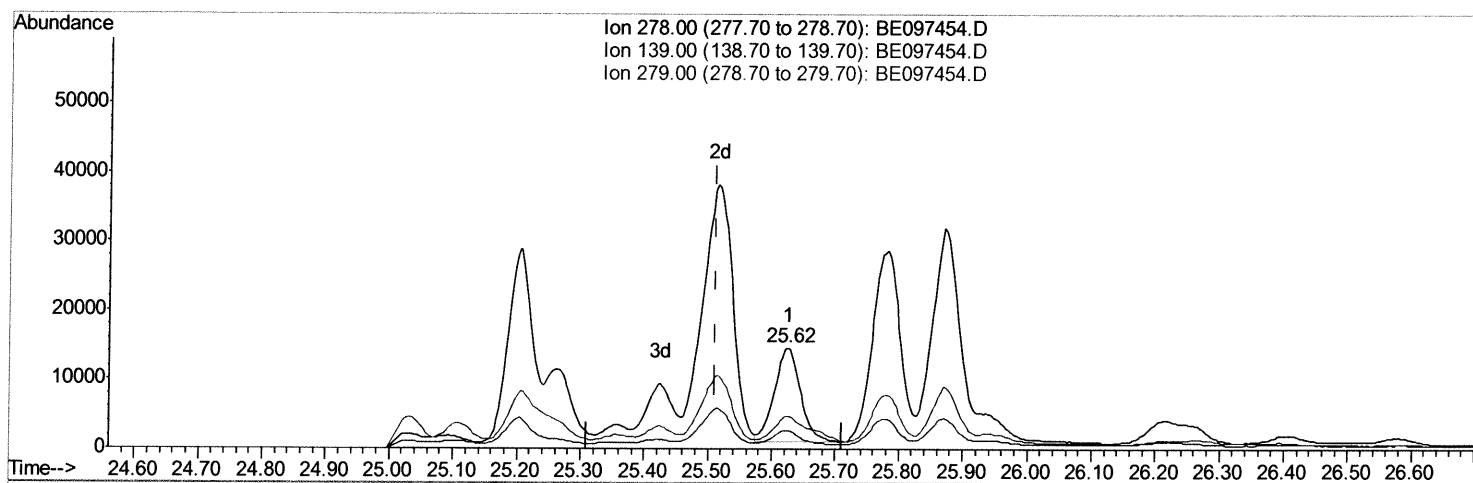
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097454.D
Acq On : 12 Sep 2018 15:07
Operator : SJ/JU
Sample : J4688-20MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z22MSD

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:19 PM

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Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.625min (+0.114) 1.13ng/ul

response 37909

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	17.98
279.00	32.40	31.97
0.00	0.00	0.00

Quantitation Report (Qedit)

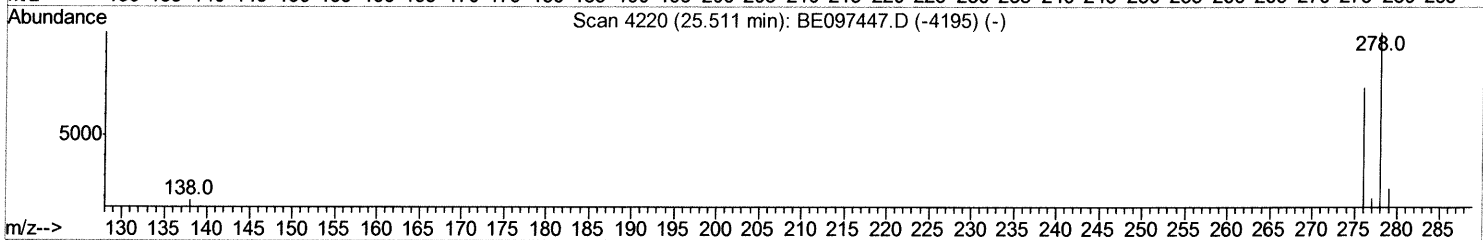
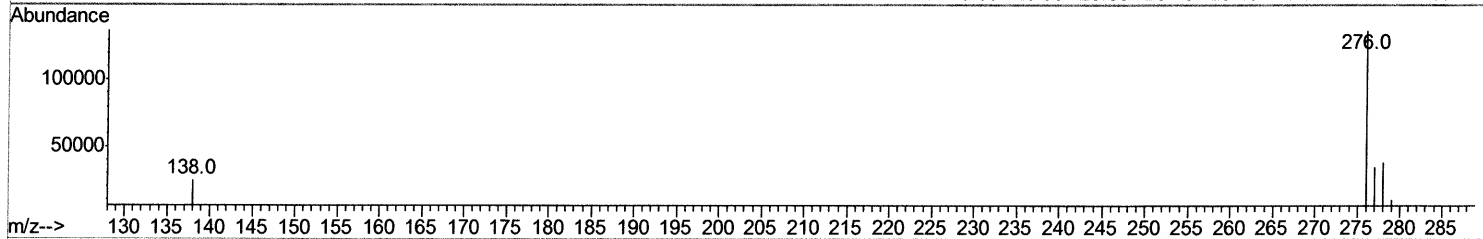
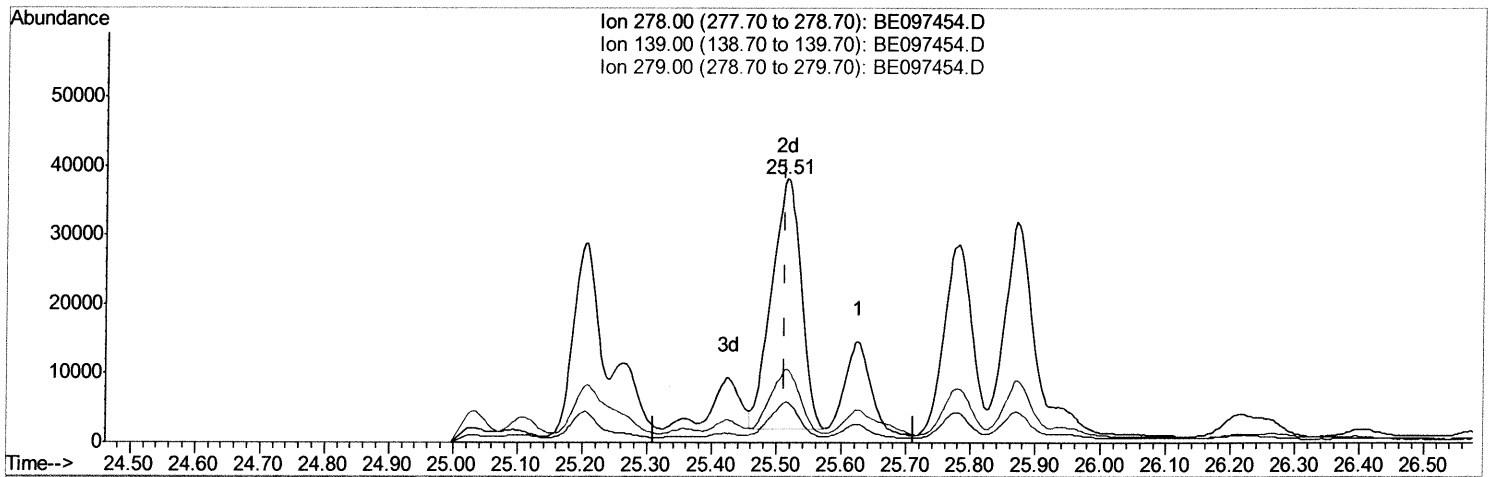
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097454.D
 Acq On : 12 Sep 2018 15:07
 Operator : SJ/JU
 Sample : J4688-20MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MSD

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:19 PM

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 Response via : Initial Calibration



(25) Dibenzo(a,h)anthracene

25.514min (+0.003) 3.44ng/ul m) SJ 9/18/18

response 115267

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	15.41#
279.00	32.40	27.71
0.00	0.00	0.00

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 Data File : BE097454.D
 Acq On : 12 Sep 2018 15:07
 Operator : SJ/JU
 Sample : J4688-20MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
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Manual Integrations
 APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1028	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5652	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3832	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9361	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10776	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12313	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.71	152	1696	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6119	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.17	128	28692	2.082	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	18111	2.079	ng/ul	97
7) Acenaphthylene	13.73	152	44273	3.172	ng/ul	96
8) Acenaphthene	14.07	153	38893	3.239	ng/ul	95
9) Fluorene	15.06	166	37140	2.701	ng/ul	93
11) Pentachlorophenol	16.43	266	348	0.377	ng/ul	96
12) Phenanthrene	16.81	178	1173769	48.710	ng/ul#	90
13) Anthracene	16.89	178	128981	6.366	ng/ul#	92
15) Fluoranthene	18.84	202	1898025	61.313	ng/ul	84
17) Pyrene	19.21	202	1626310	56.083	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	733216	26.487	ng/ul#	83
19) Chrysene	21.01	228	876526	27.483	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	983614m	29.830	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	303792m	8.262	ng/ul	
23) Benzo(a)pyrene	23.11	252	592217	19.413	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	415142	10.500	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.51	278	115267m	3.441	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	379195	11.249	ng/ul#	90

50 9/18/18

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