

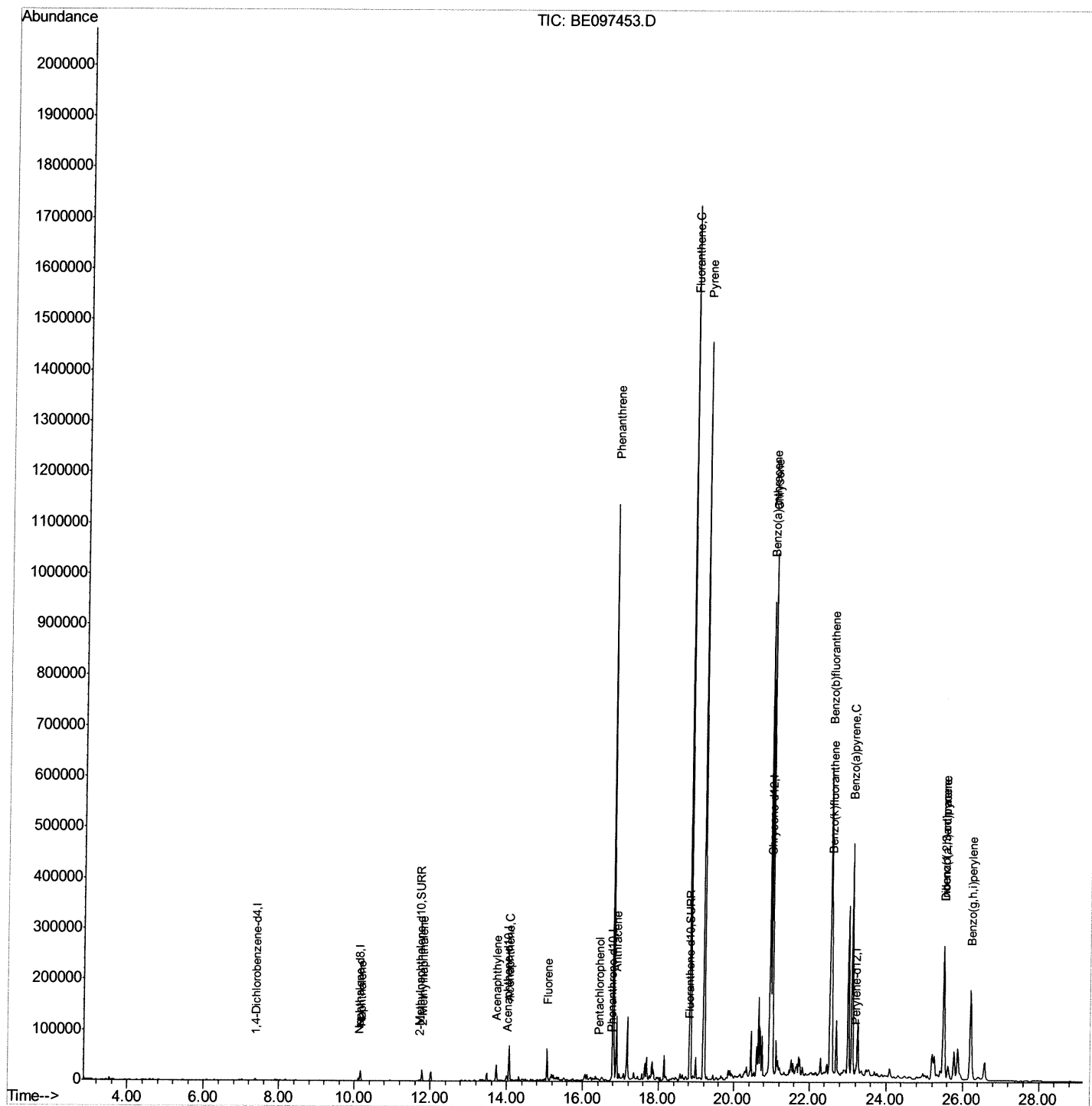
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097453.D
Acq On : 12 Sep 2018 14:31
Operator : SJ/JU
Sample : J4688-19MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z22MS

Manual Integrations
APPROVED

Sohil
9/13/2018 5:42:18 PM

Quant Time: Sep 13 01:39:56 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)

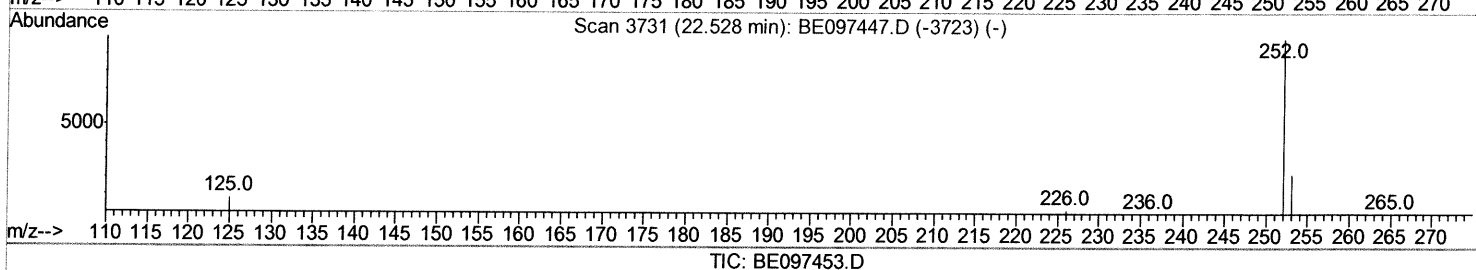
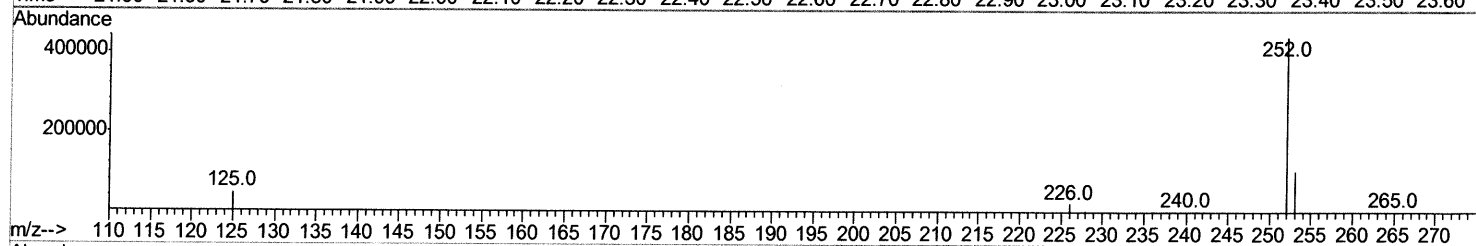
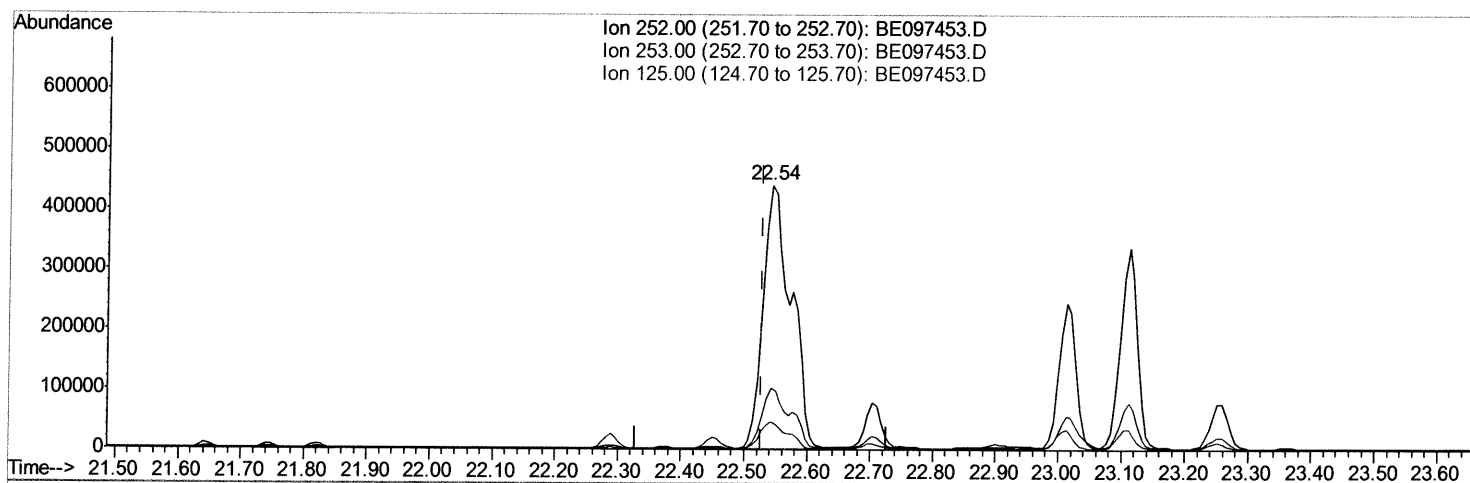
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Quant Time: Sep 13 01:17:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:16:50 2018
Response via : Initial Calibration



(21) Benzo(b)fluoranthene

22.542min (+0.014) 38.86ng/ul

response 1350431

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.24
125.00	17.50	10.49
0.00	0.00	0.00

Quantitation Report (Qedit)

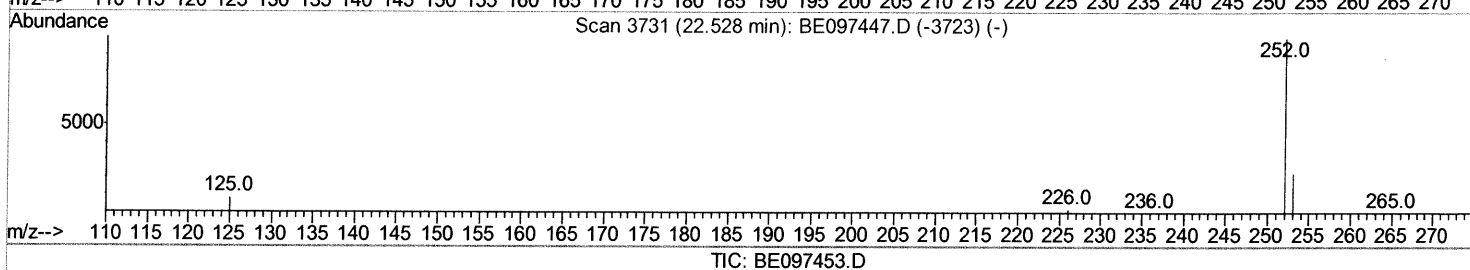
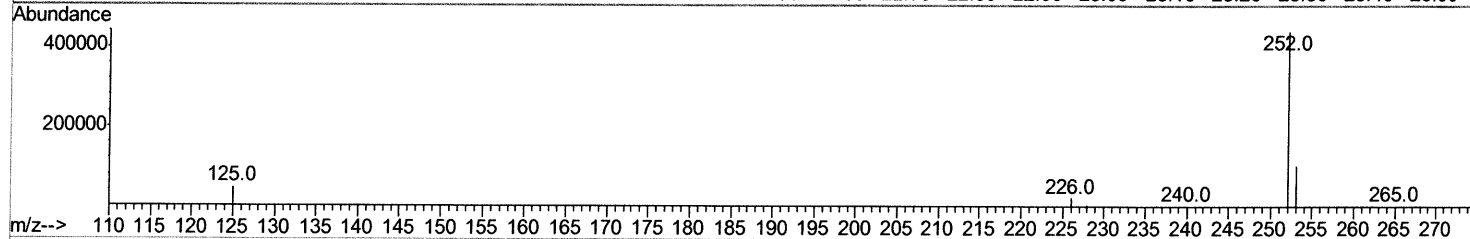
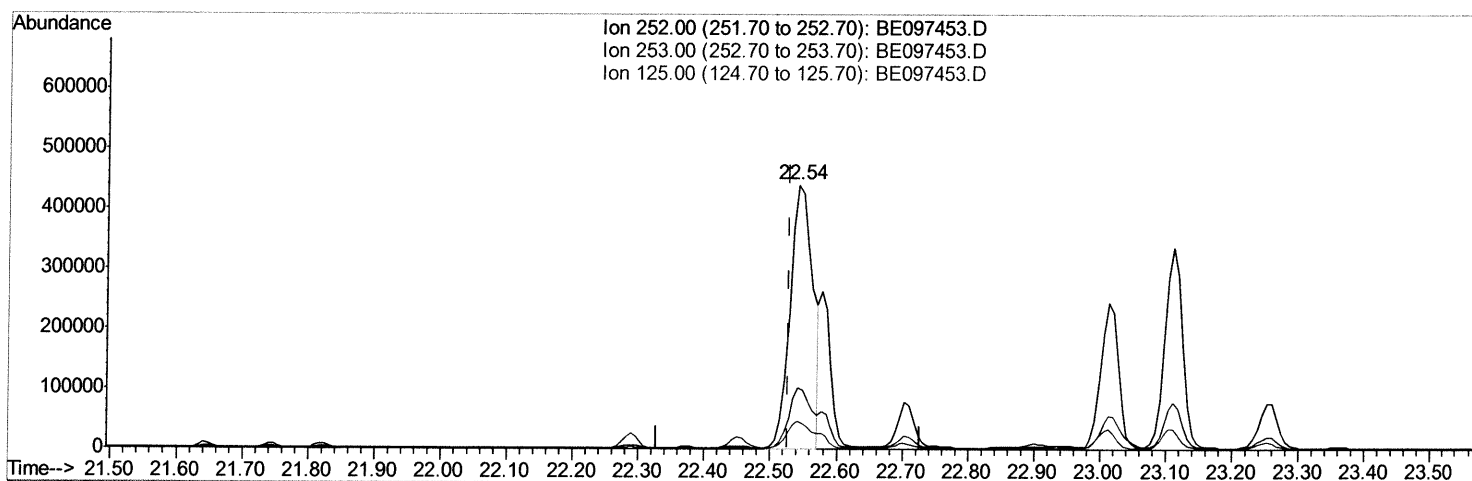
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Manual Integrations
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(21) Benzo(b)fluoranthene

22.542min (+0.014) 30.22ng/ul m> SJ 9/12/18

response 1050464

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.24
125.00	17.50	10.49
0.00	0.00	0.00

Quantitation Report (Qedit)

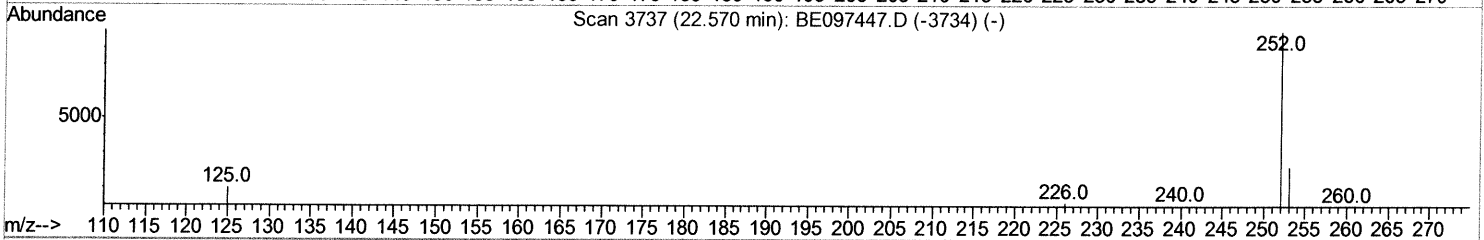
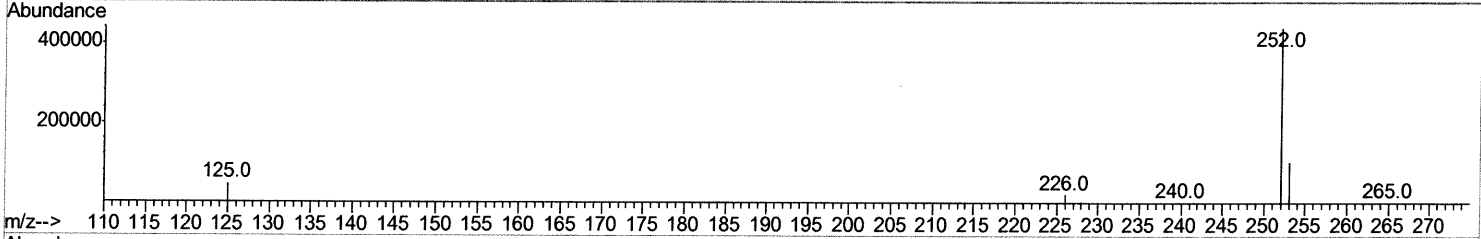
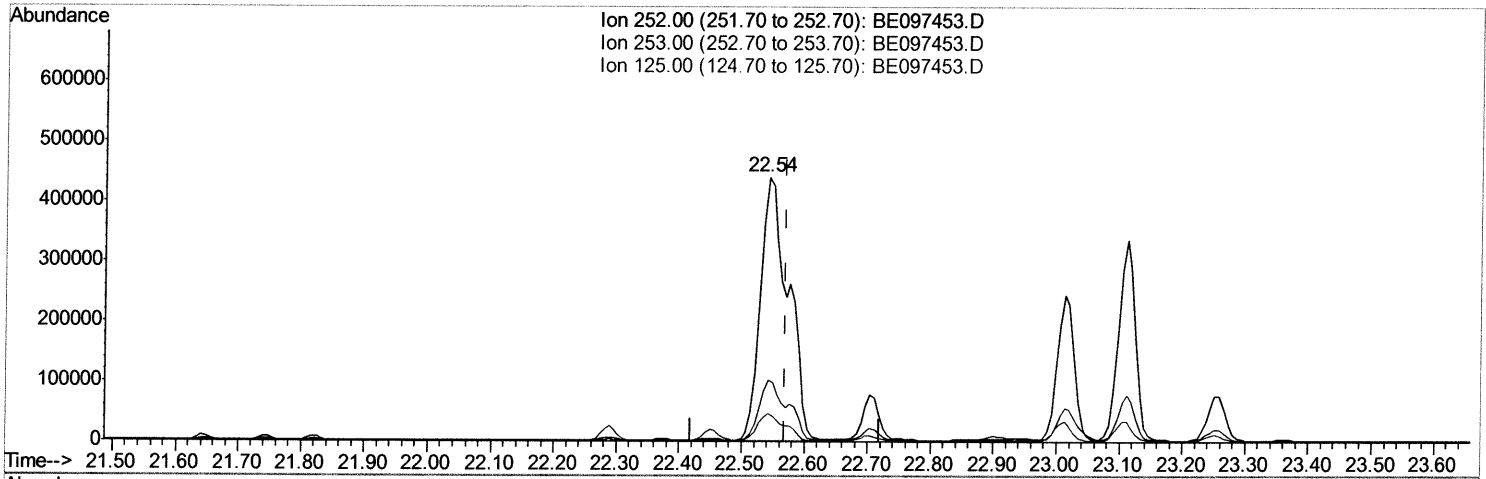
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097453.D
 Acq On : 12 Sep 2018 14:31
 Operator : SJ/JU
 Sample : J4688-19MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MS

Manual Integrations
 APPROVED

Sohil
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Quant Time: Sep 13 01:17:51 2018
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TIC: BE097453.D

(22) Benzo(k)fluoranthene

22.542min (-0.028) 34.84ng/ui

response 1350431

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.24#
125.00	17.10	10.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

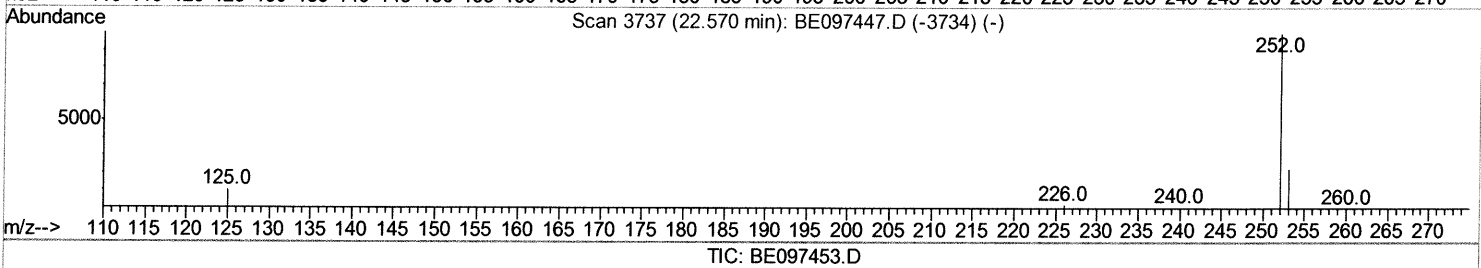
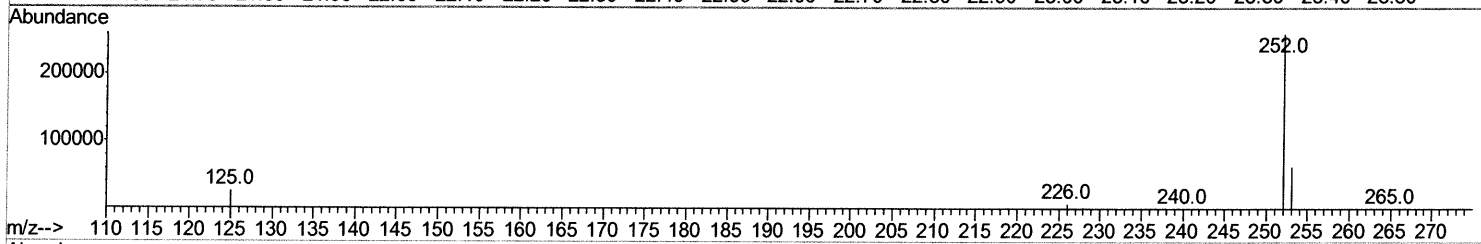
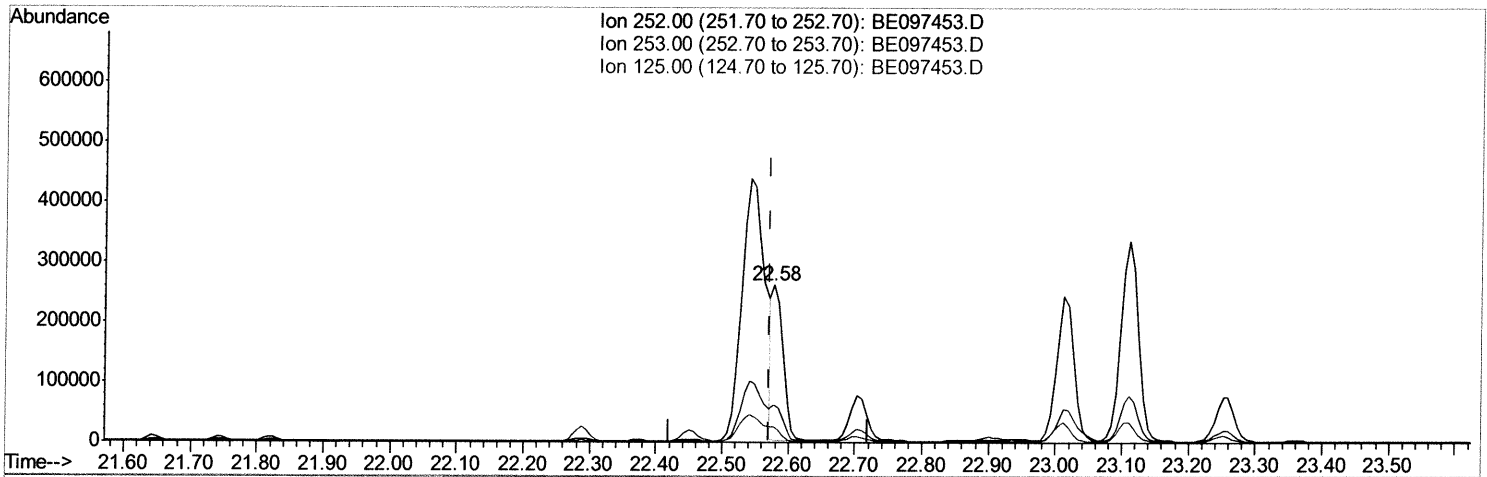
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 Operator : SJ/JU
 Sample : J4688-19MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MS

Manual Integrations
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 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (+0.007) 7.78ng/ul m> SJ 9/14/18

response 301649

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.94#
125.00	17.10	9.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

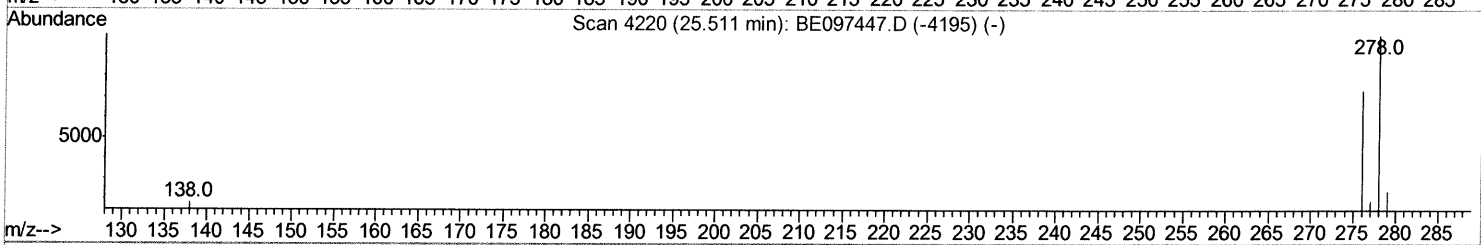
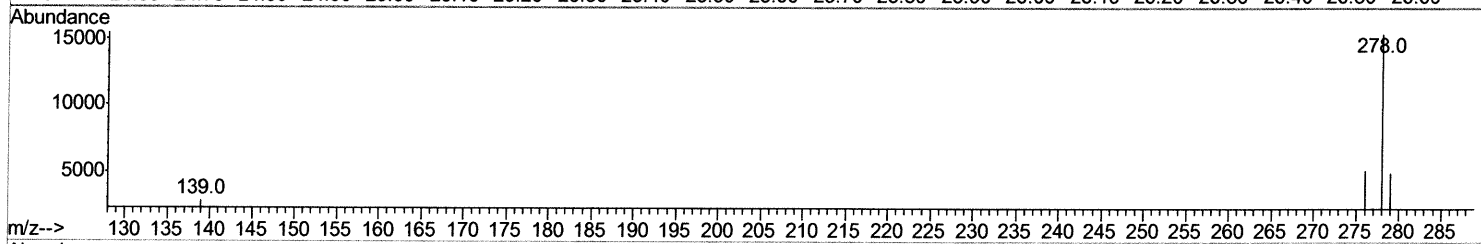
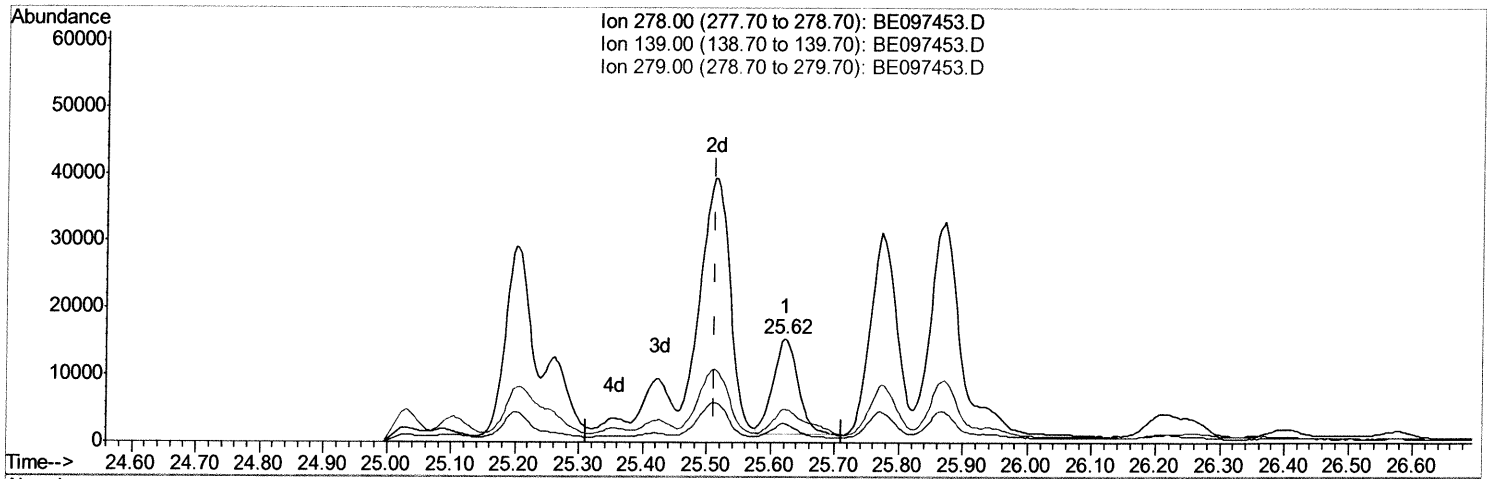
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097453.D
 Acq On : 12 Sep 2018 14:31
 Operator : SJ/JU
 Sample : J4688-19MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 A3Z22MS

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:18 PM

Quant Time: Sep 13 01:17:51 2018
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 Response via : Initial Calibration



TIC: BE097453.D

(25) Dibenzo(a,h)anthracene

25.622min (+0.111) 1.10ng/ul

response 38734

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	18.15
279.00	32.40	32.06
0.00	0.00	0.00

Quantitation Report (Qedit)

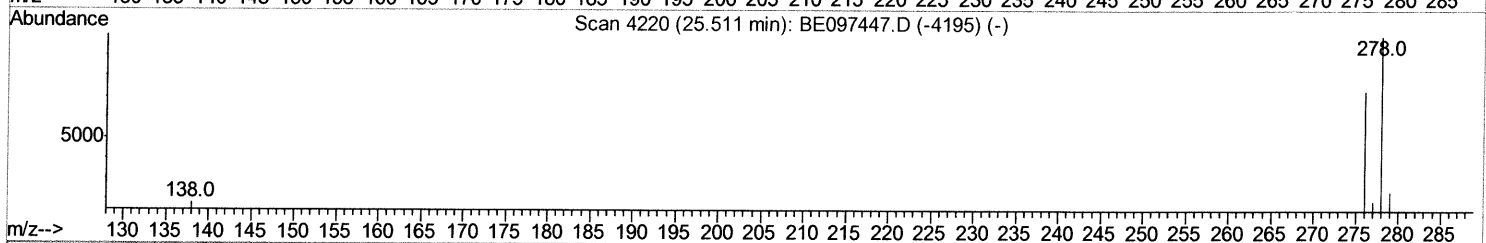
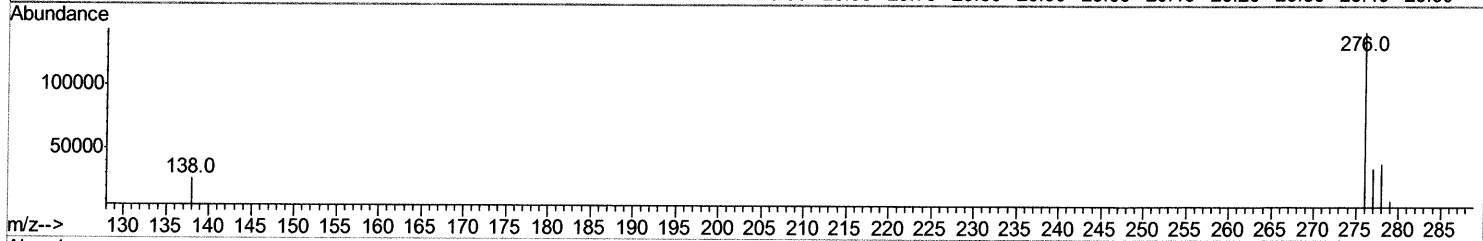
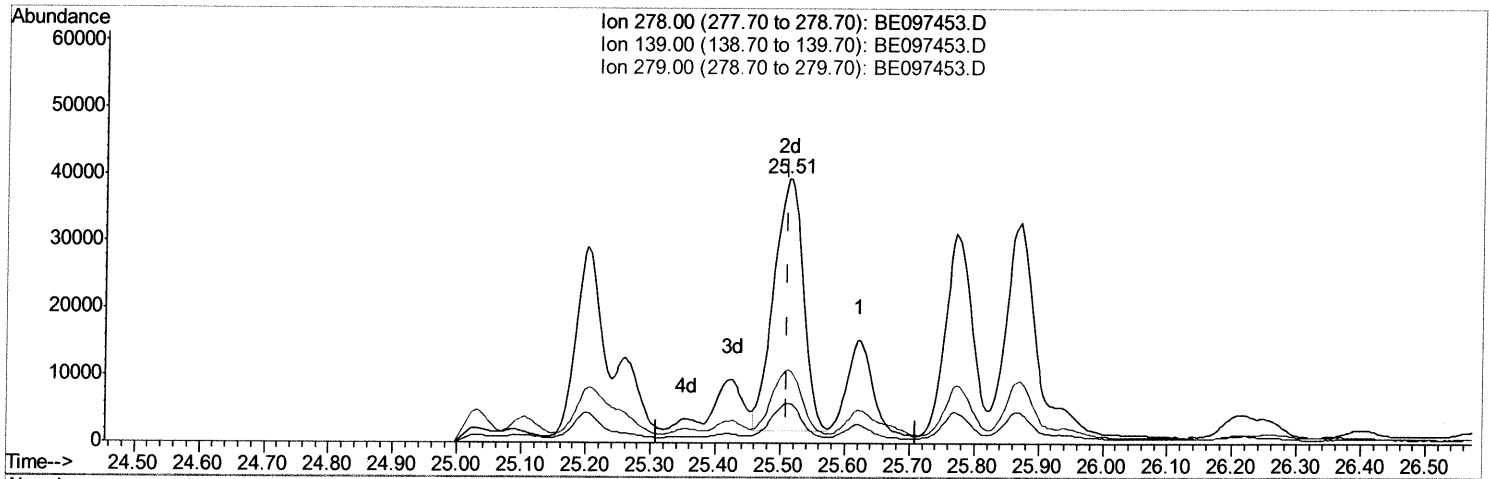
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
 Data File : BE097453.D
 Acq On : 12 Sep 2018 14:31
 Operator : SJ/JU
 Sample : J4688-19MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 A3Z22MS

Manual Integrations
 APPROVED

Sohil
 9/13/2018 5:42:18 PM

Quant Time: Sep 13 01:17:51 2018
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TIC: BE097453.D

(25) Dibenzo(a,h)anthracene

25.511min (-0.000) 3.41ng/ul m) SJ 9/18/18

response 120252

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	15.13#
279.00	32.40	27.61
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
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 Acq On : 12 Sep 2018 14:31
 Operator : SJ/JU
 Sample : J4688-19MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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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	951	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	5348	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3923	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9527	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10915	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	12978	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.71	152	1659	0.20	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6236	0.20	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.17	128	27300	2.094	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	17727	2.151	ng/ul	97
7) Acenaphthylene	13.72	152	45101	3.156	ng/ul	97
8) Acenaphthene	14.07	153	39781	3.236	ng/ul	97
9) Fluorene	15.07	166	38438	2.730	ng/ul	95
11) Pentachlorophenol	16.43	266	361	0.385	ng/ul	98
12) Phenanthrene	16.80	178	1190502	48.544	ng/ul#	88
13) Anthracene	16.89	178	128843	6.249	ng/ul#	92
15) Fluoranthene	18.84	202	1941653	61.629	ng/ul	84
17) Pyrene	19.20	202	1670528	56.875	ng/ul#	83
18) Benzo(a)anthracene	20.96	228	760697	27.130	ng/ul#	84
19) Chrysene	21.01	228	880608	27.259	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	1050464m	30.225	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	301649m	7.783	ng/ul	
23) Benzo(a)pyrene	23.11	252	617717	19.212	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.51	276	430033	10.319	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.51	278	120252m	3.406	ng/ul	
26) Benzo(a,h,i)perylene	26.21	276	391603	11.022	ng/ul#	90

SJ 9/18/18

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