

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122416\
 Data File : BM008668.D
 Acq On : 25 Dec 2016 13:08
 Operator : UM/SJ
 Sample : H5995-02DL 10X

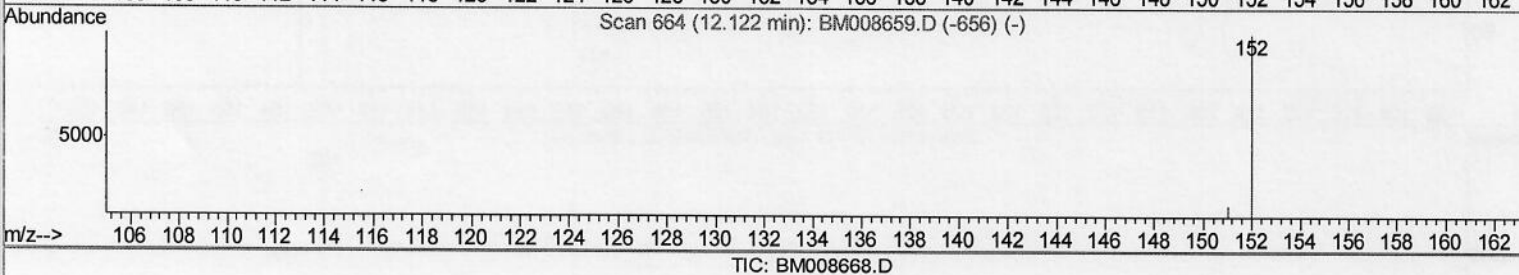
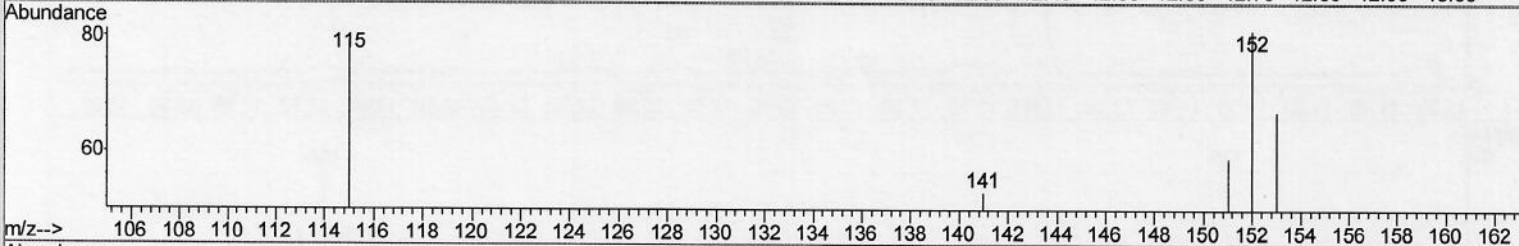
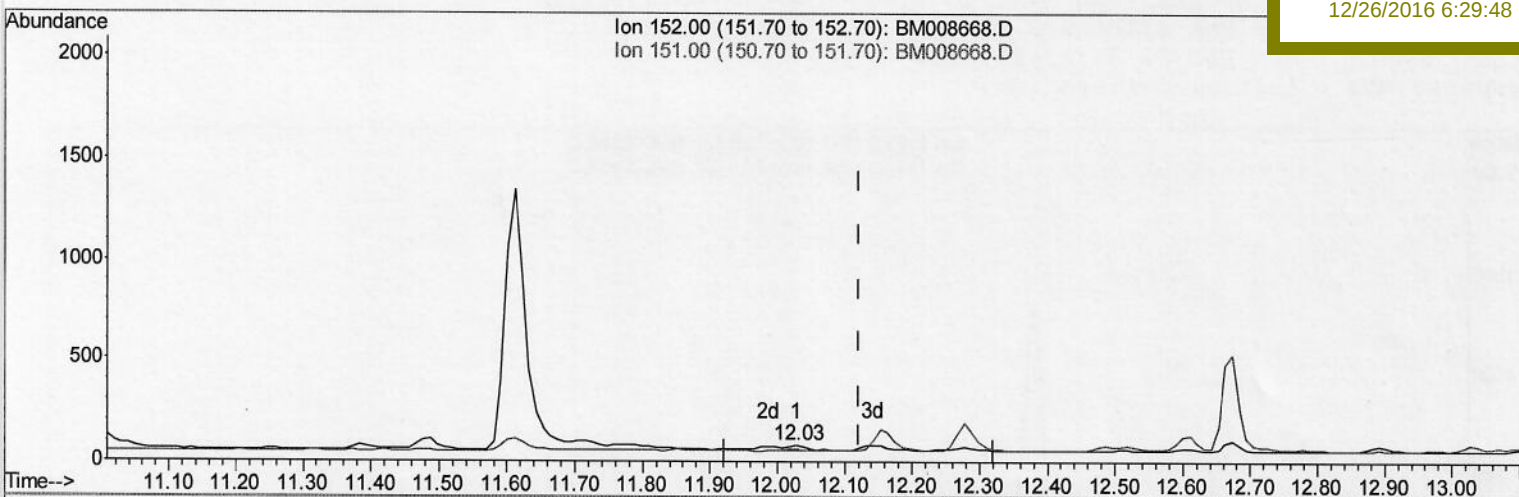
Misc :
 ALS Vial : 82 Sample Multiplier: 1

Quant Time: Dec 26 03:29:24 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 03:21:10 2016
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Instrument :
 BNA_M
 ClientSampleId :
 DA863DL

Manual Integrations
 APPROVED

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(4) 2-Methylnaphthalene-d10 (SURR)

12.028min (-0.094) 0.02ng/ul

response 50

Ion	Exp%	Act%
152.00	100	100
151.00	19.30	52.00#
0.00	0.00	0.00
0.00	0.00	0.00

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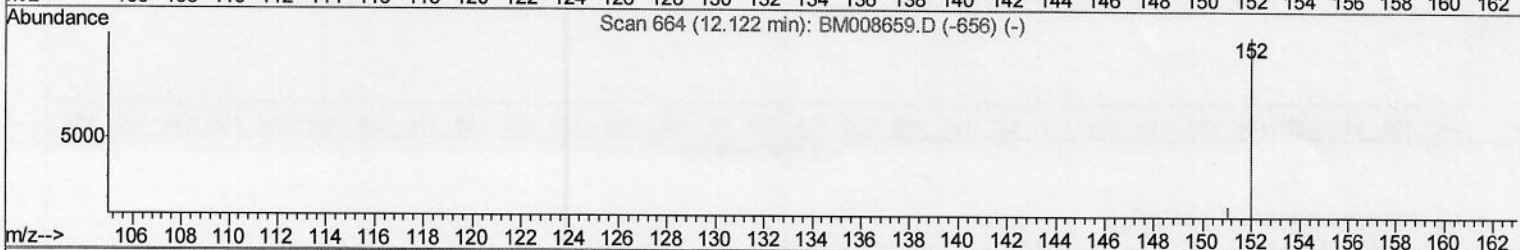
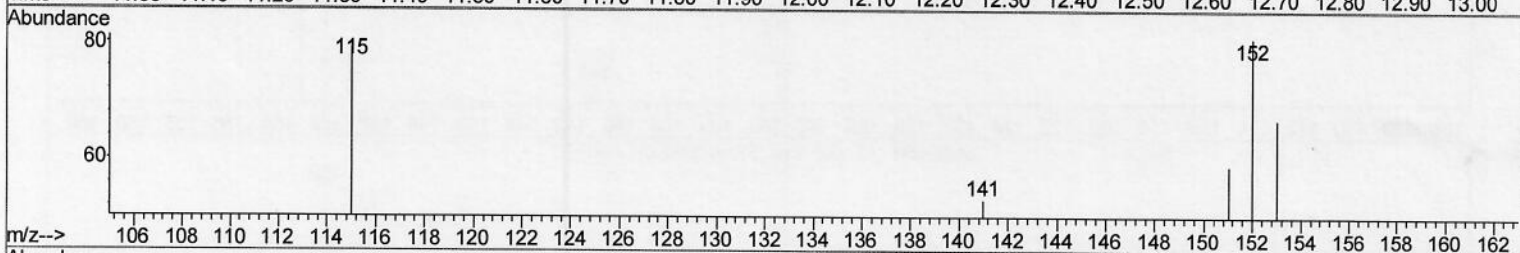
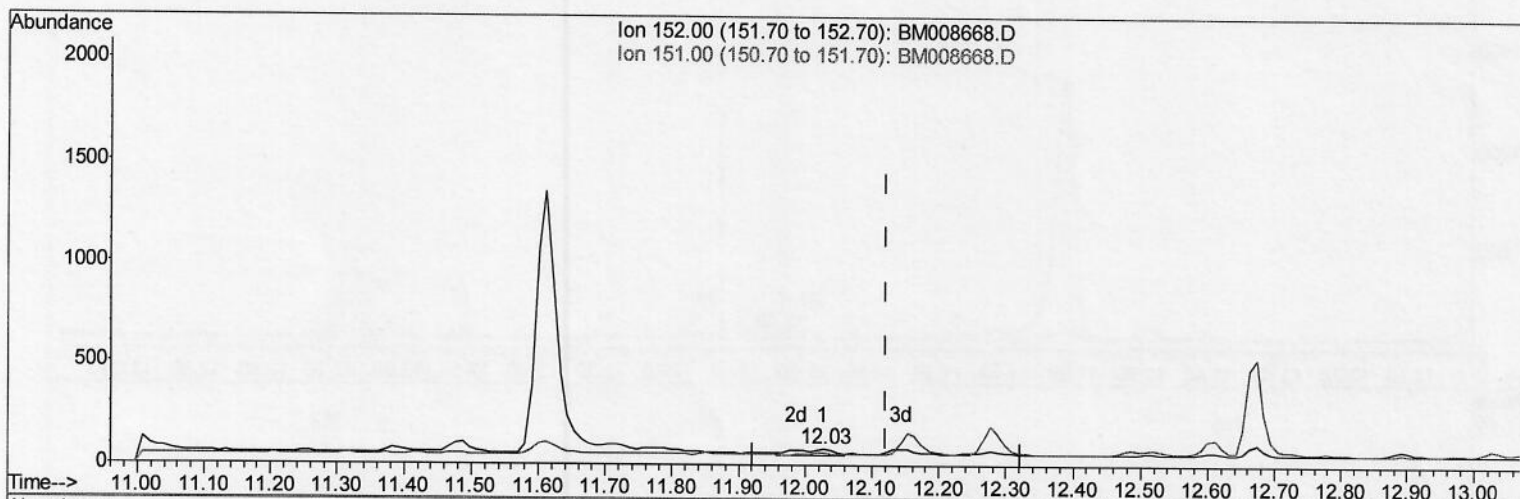
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(4) 2-Methylnaphthalene-d10 (SURR)

12.028min (-0.094) 0.06ng/ul m

response 127

Ion Exp% Act%

152.00 100 100

151.00 19.30 20.47

0.00 0.00 0.00

0.00 0.00 0.00

5.5
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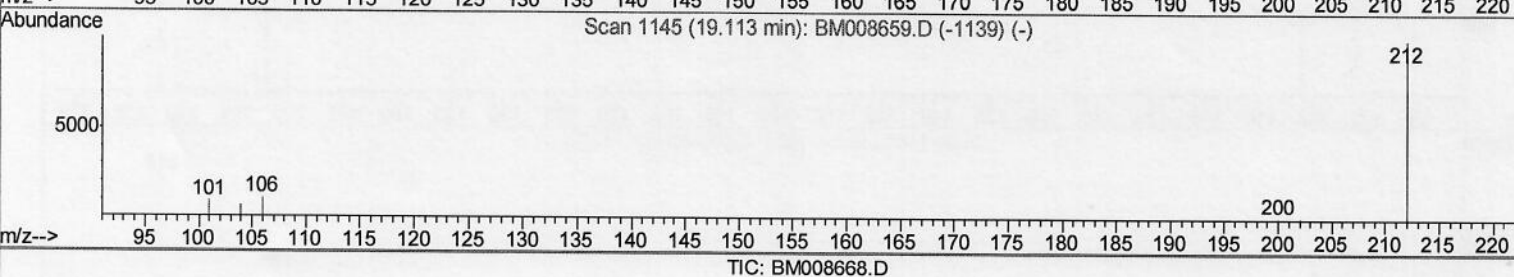
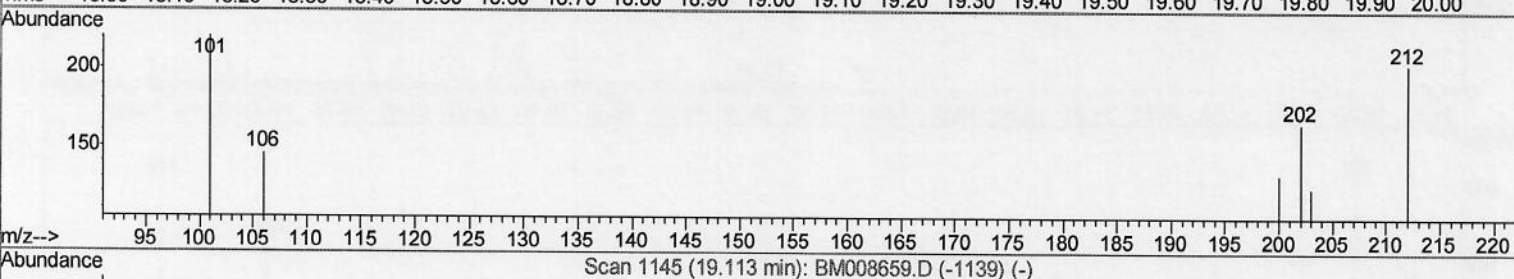
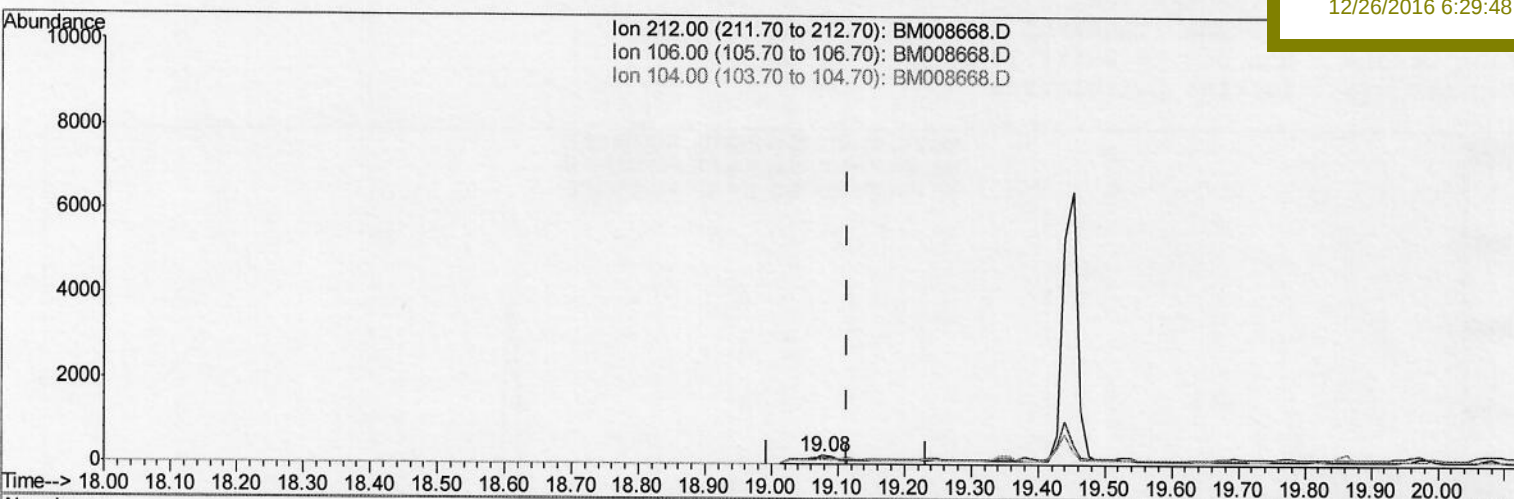
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(14) Fluoranthene-d10 (SURR)

19.077min (-0.036) 0.15ng/ul

response 769

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	118.47#
104.00	15.60	0.00#
0.00	0.00	0.00

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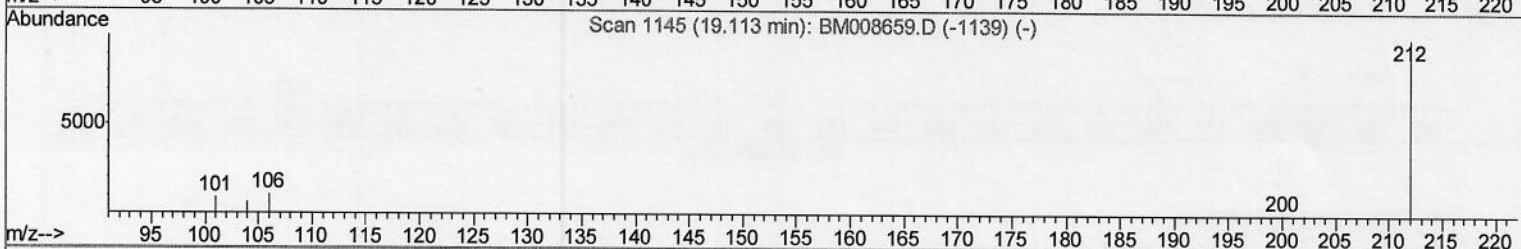
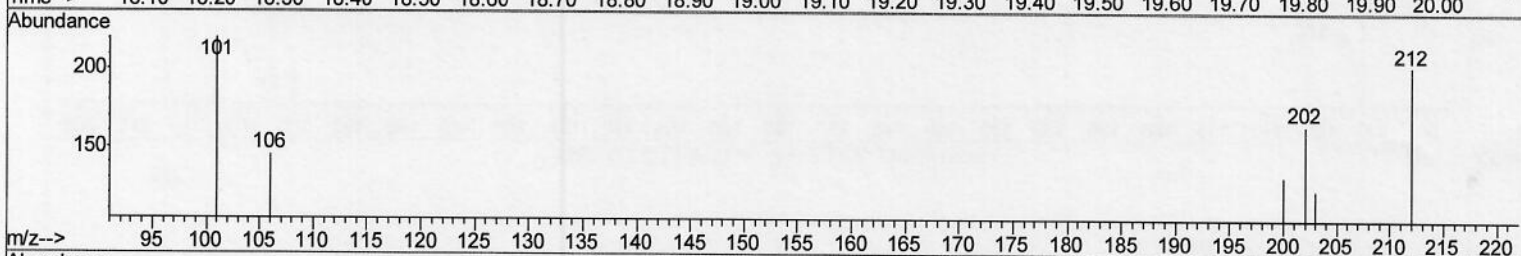
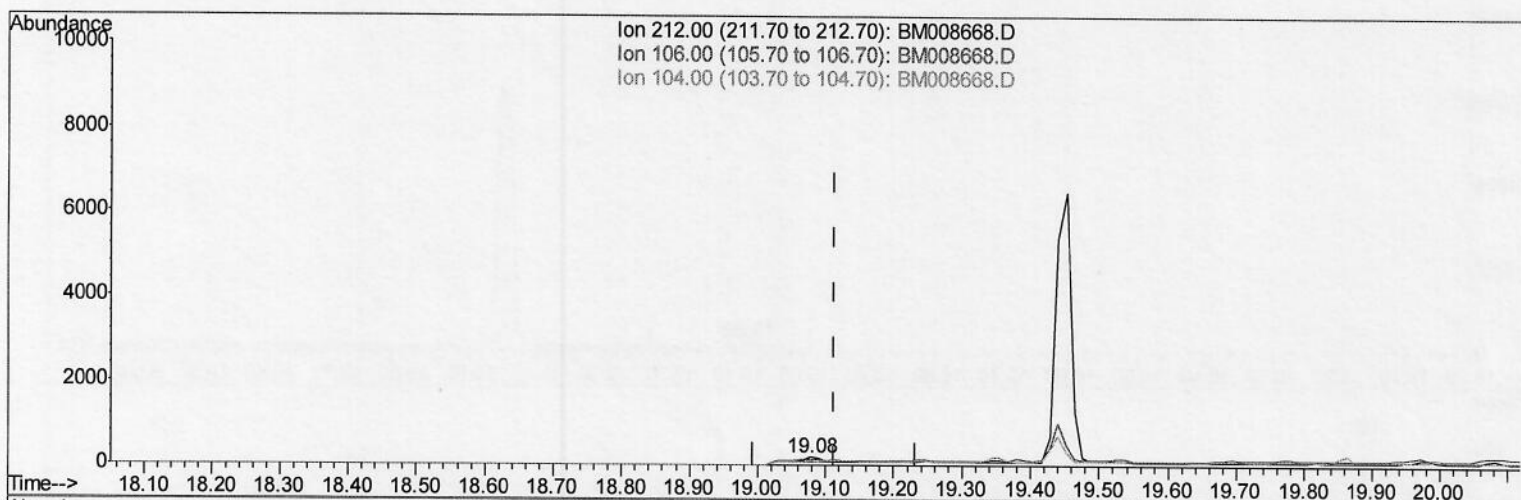
Misc :
 ALS Vial : 82 Sample Multiplier: 1

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TIC: BM008668.D

(14) Fluoranthene-d10 (SURR)

19.077min (-0.036) 0.03ng/ul m

response 176

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	517.61#
104.00	15.60	0.00#
0.00	0.00	0.00

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Operator : UM/SJ

Sample : H5995-02DL 10X

Misc :

ALS Vial : 82 Sample Multiplier: 1

Quant Time: Dec 26 03:29:24 2016

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Instrument :

BNA_M

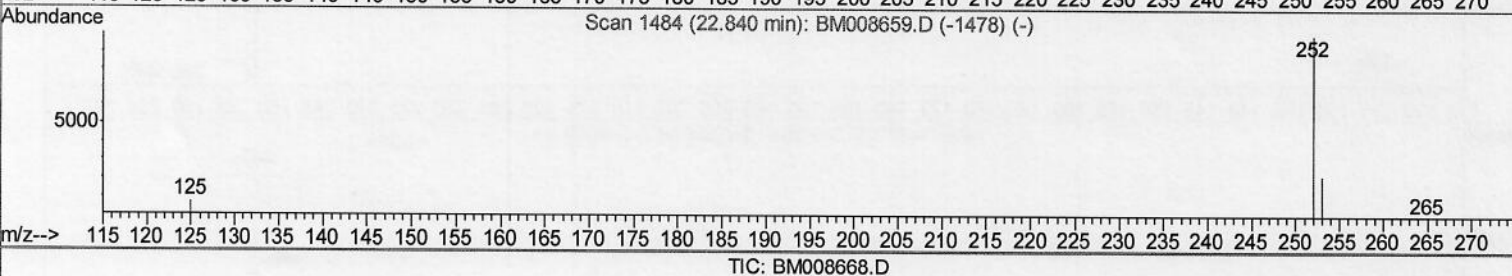
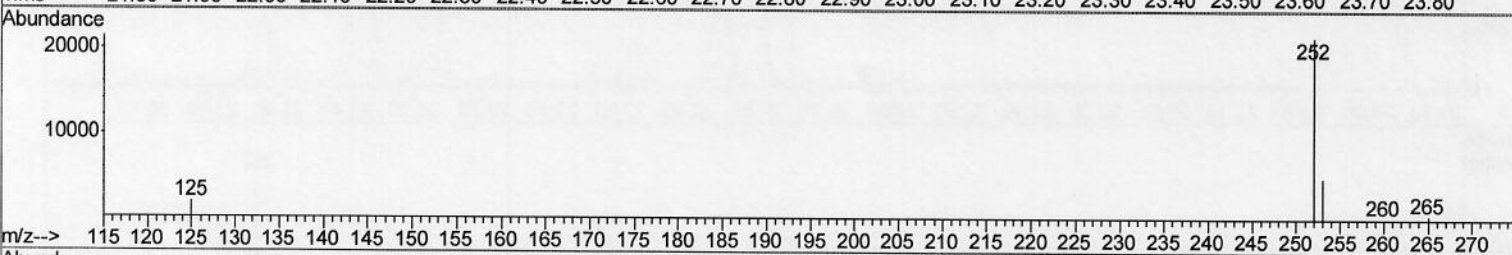
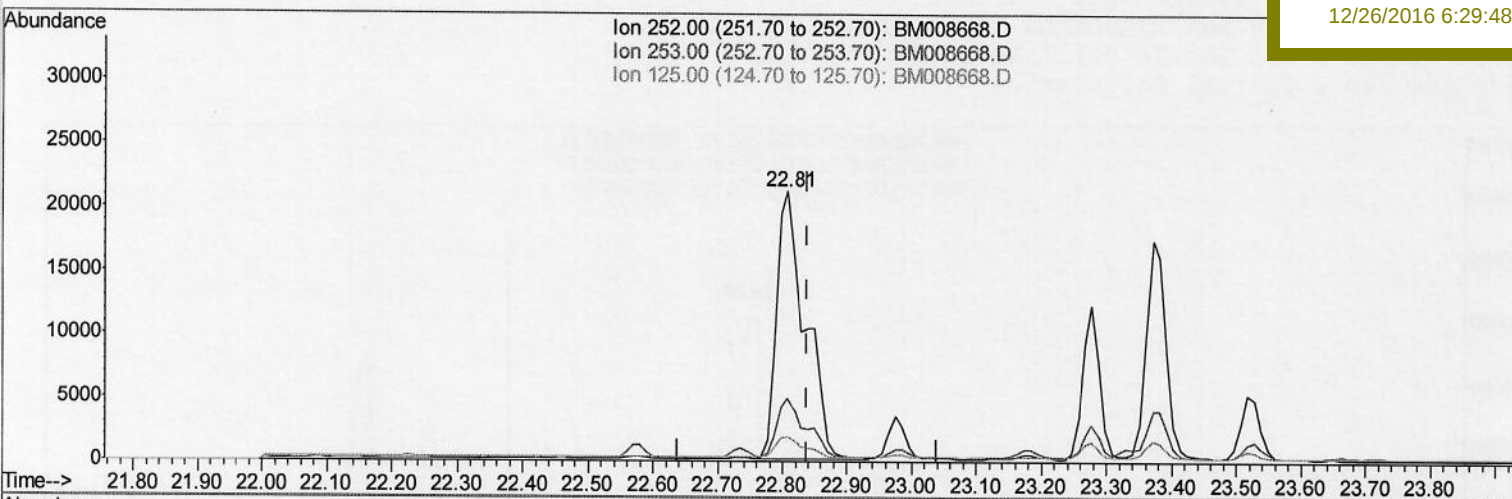
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(21) Benzo(b)fluoranthene

22.808min (-0.031) 10.45ng/ul

response 65270

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.28
125.00	17.50	9.02
0.00	0.00	0.00

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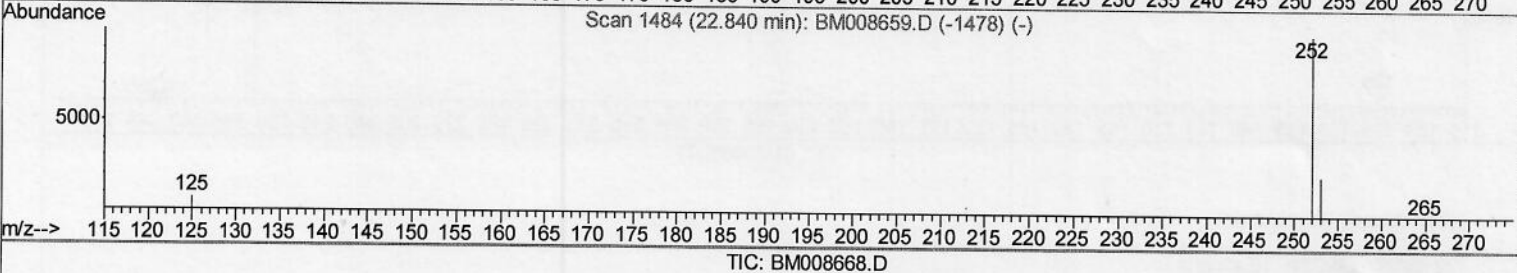
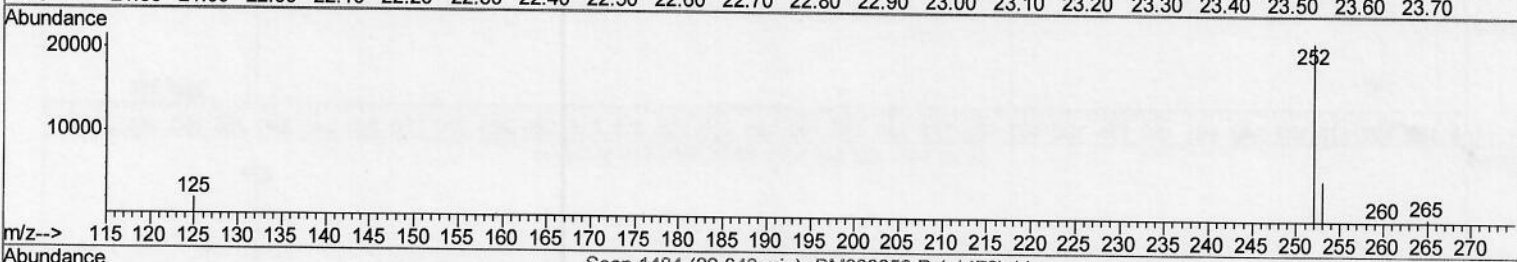
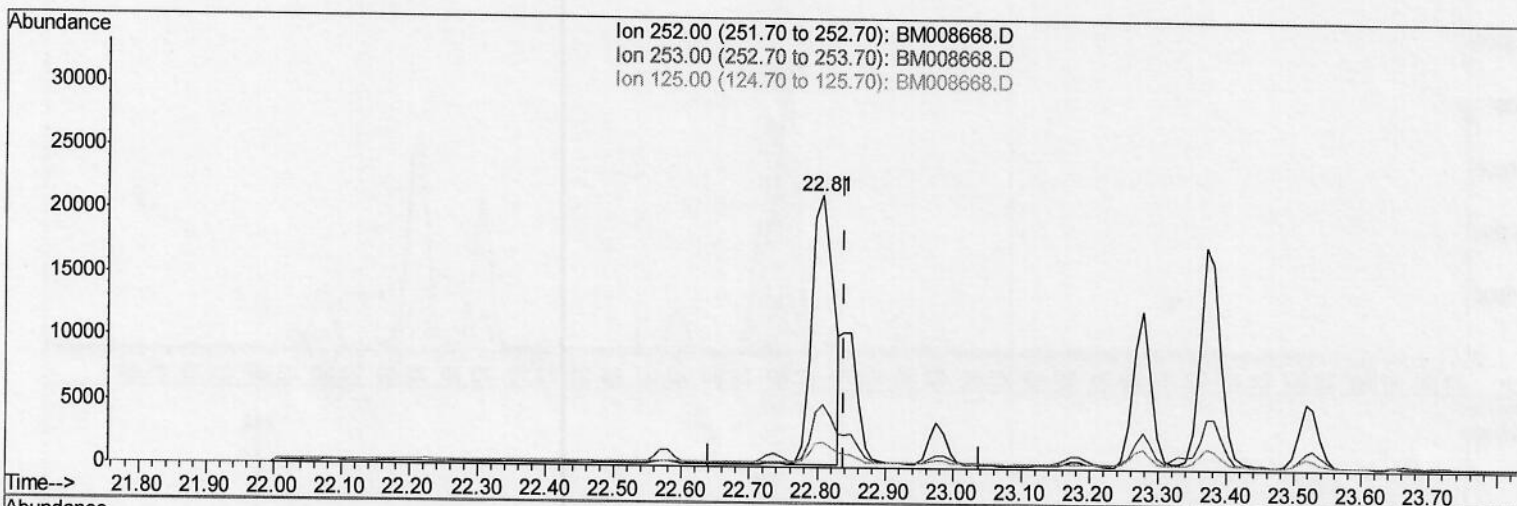
Misc :
 ALS Vial : 82 Sample Multiplier: 1

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Instrument :
 BNA_M
 Client Sampled :
 DA863DL

Manual Integrations
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(21) Benzo(b)fluoranthene

22.808min (-0.031) 7.62ng/ul m

response 47633

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.28
125.00	17.50	9.02
0.00	0.00	0.00

3.5
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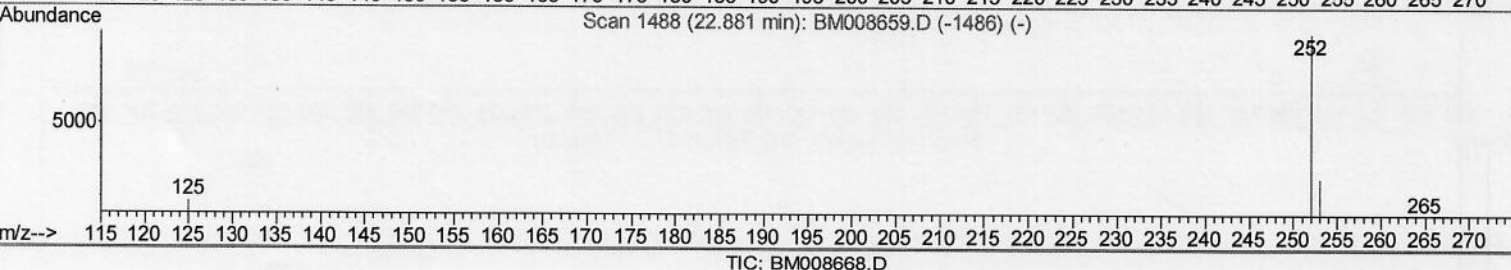
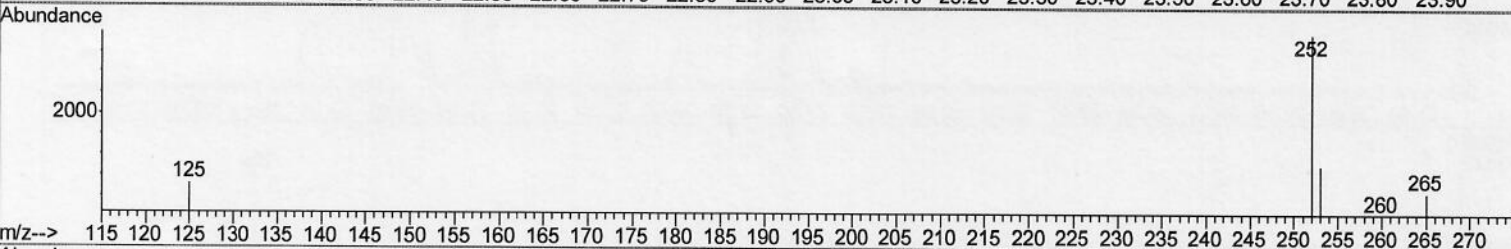
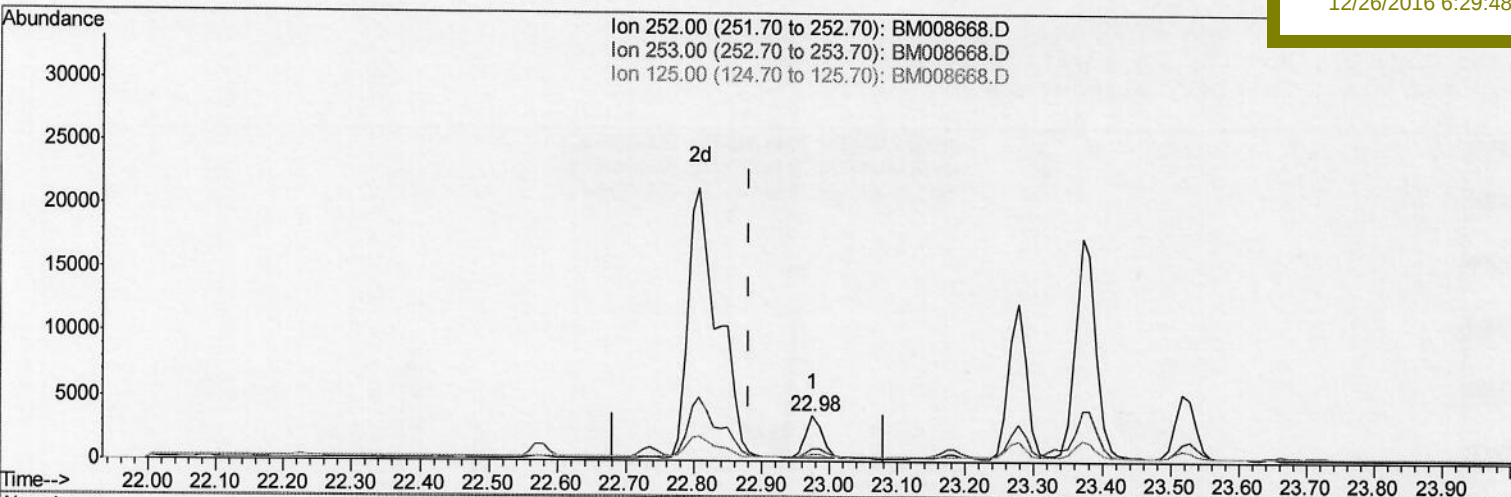
Misc :
 ALS Vial : 82 Sample Multiplier: 1

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(22) Benzo(k)fluoranthene

22.975min (+0.094) 0.90ng/ul

response 5482

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.45
125.00	17.10	17.73
0.00	0.00	0.00

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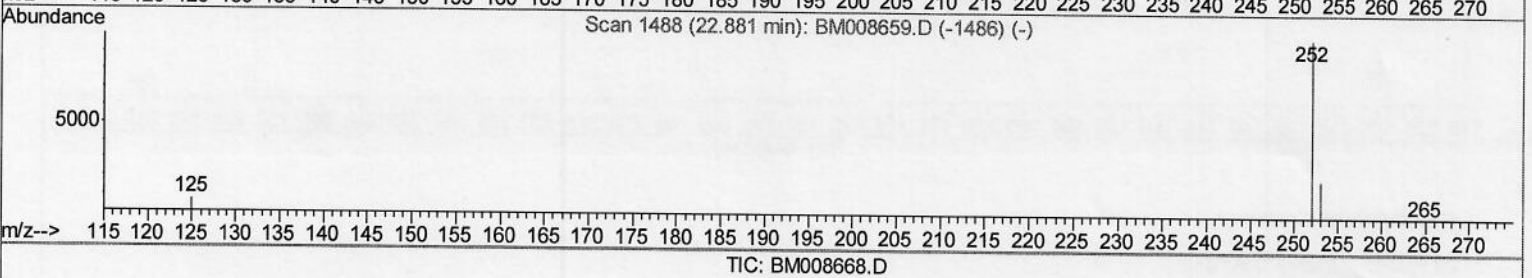
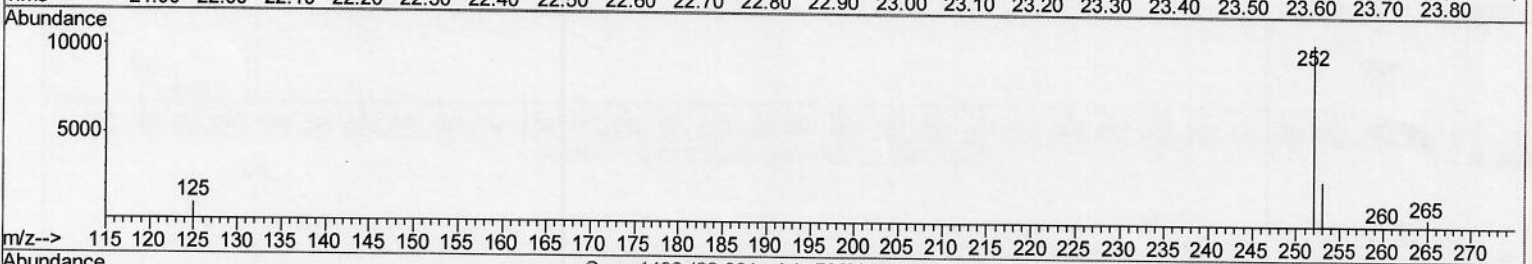
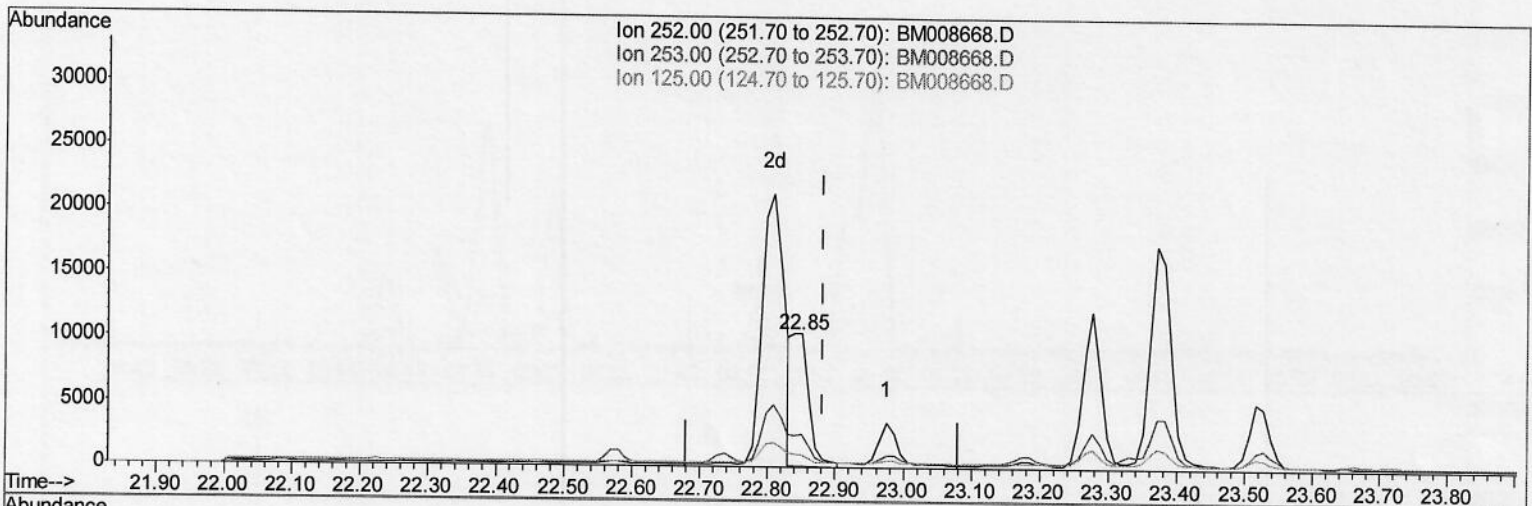
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Misc :
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(22) Benzo(k)fluoranthene

22.850min (-0.031) 2.99ng/ul m

response 18206

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.13
125.00	17.10	9.73#
0.00	0.00	0.00

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 12/26/2016 6:29:48 PM

Quant Time: Dec 26 04:46:19 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	409	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.43	136	1355	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	832	0.40	ng/ul	-0.05
10) Phenanthrene-d10	17.04	188	1918	0.40	ng/ul	-0.05
16) Chrysene-d12	21.24	240	1648	0.40	ng/ul	-0.03
20) Perylene-d12	23.48	264	1586	0.40	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.03	152	127m	0.06	ng/ul	-0.09
14) Fluoranthene-d10	19.08	212	176m	0.03	ng/ul	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.48	128	7079	1.86	ng/ul	95
5) 2-Methylnaphthalene	12.10	142	1701	0.66	ng/ul	91
8) Acenaphthene	14.35	153	9185	3.24	ng/ul	90
9) Fluorene	15.34	166	5644	1.75	ng/ul	87
12) Phenanthrene	17.07	178	56563	9.66	ng/ul	95
13) Anthracene	17.18	178	11906	2.09	ng/ul	96
15) Fluoranthene	19.11	202	77098	10.74	ng/ul	93
17) Pyrene	19.48	202	67535	10.60	ng/ul	96
18) Benzo(a)anthracene	21.22	228	36444	6.73	ng/ul	99
19) Chrysene	21.28	228	32135	5.42	ng/ul	92
21) Benzo(b)fluoranthene	22.81	252	47633m	7.62	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	18206m	2.99	ng/ul	
23) Benzo(a)pyrene	23.37	252	35832	6.19	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.71	276	25517	3.70	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.71	278	5289	0.96	ng/ul	98
26) Benzo(g,h,i)perylene	26.39	276	22182	3.75	ng/ul#	90

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

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