

Quantitation Report (QT Reviewed)

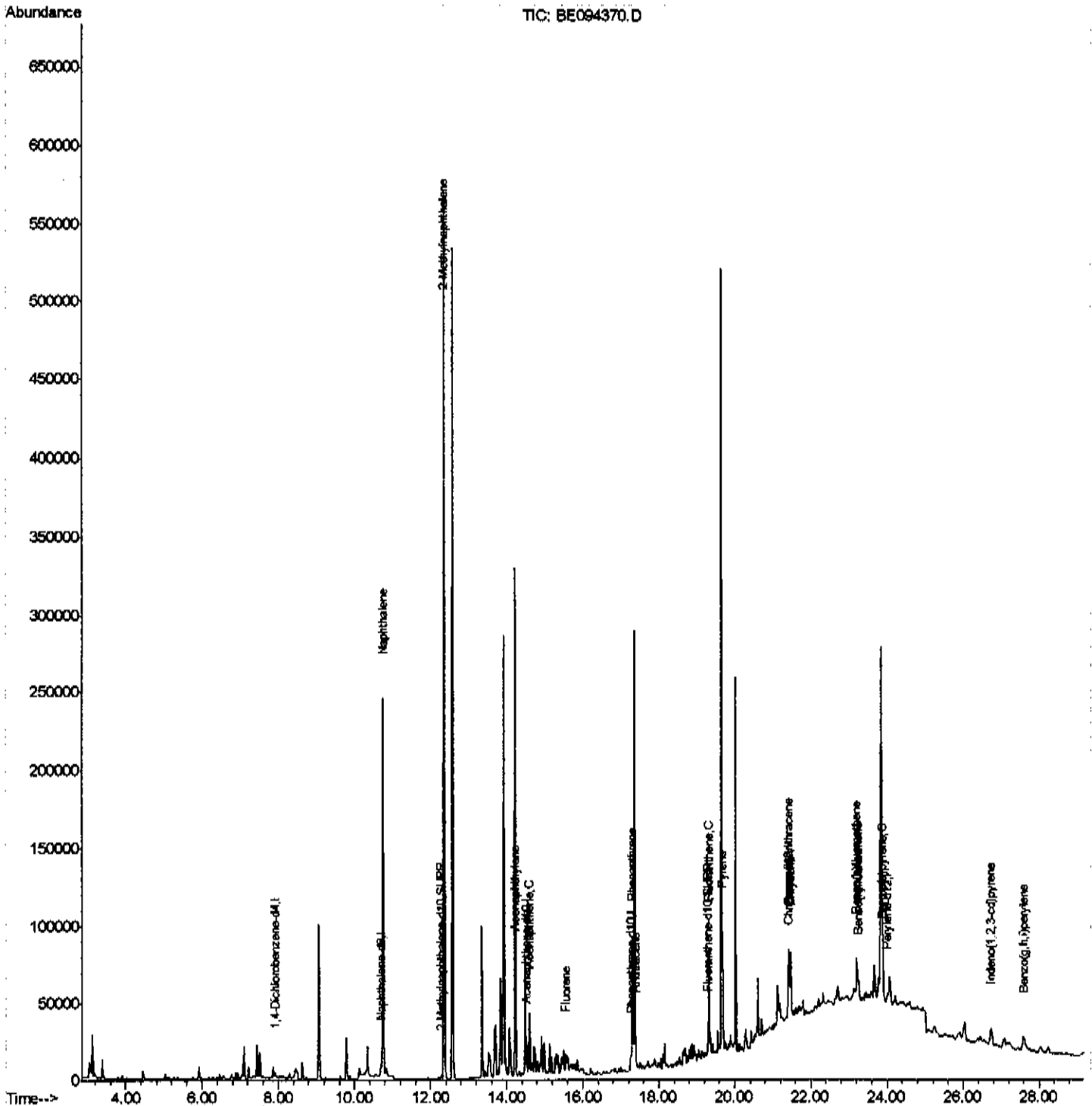
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094370.D
 Acq On : 15 Oct 2017 00:18
 Operator : SJ/JU
 Sample : I5548-18
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AF8

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:28 PM

Quant Time: Oct 15 03:01:50 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 05:22:31 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

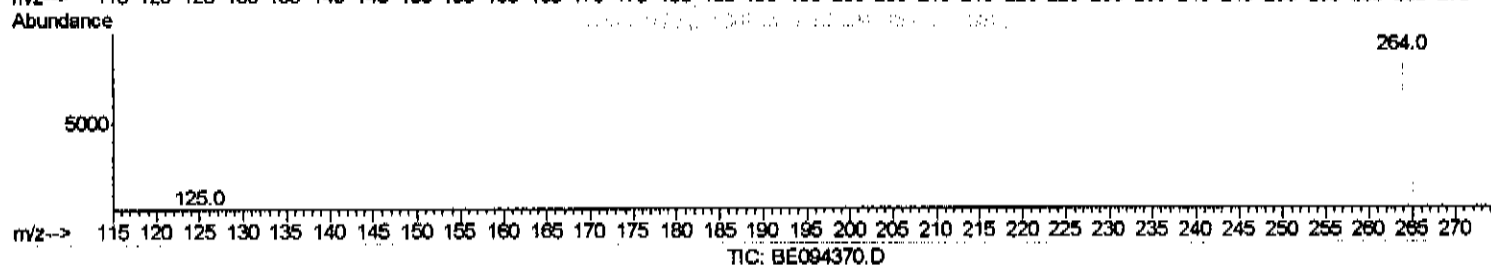
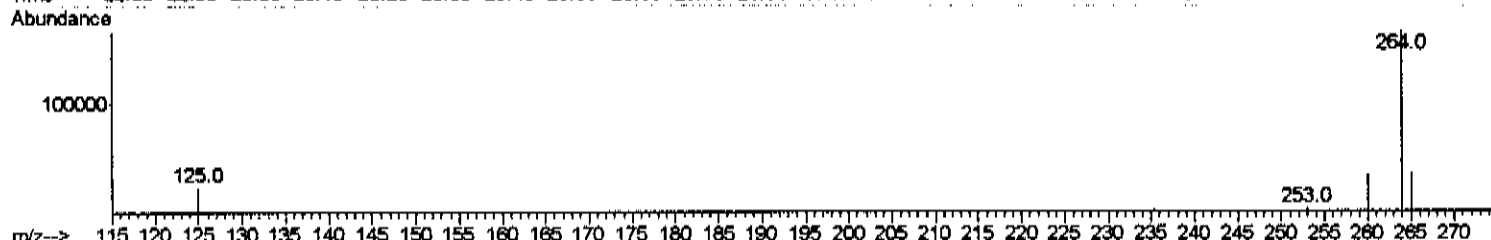
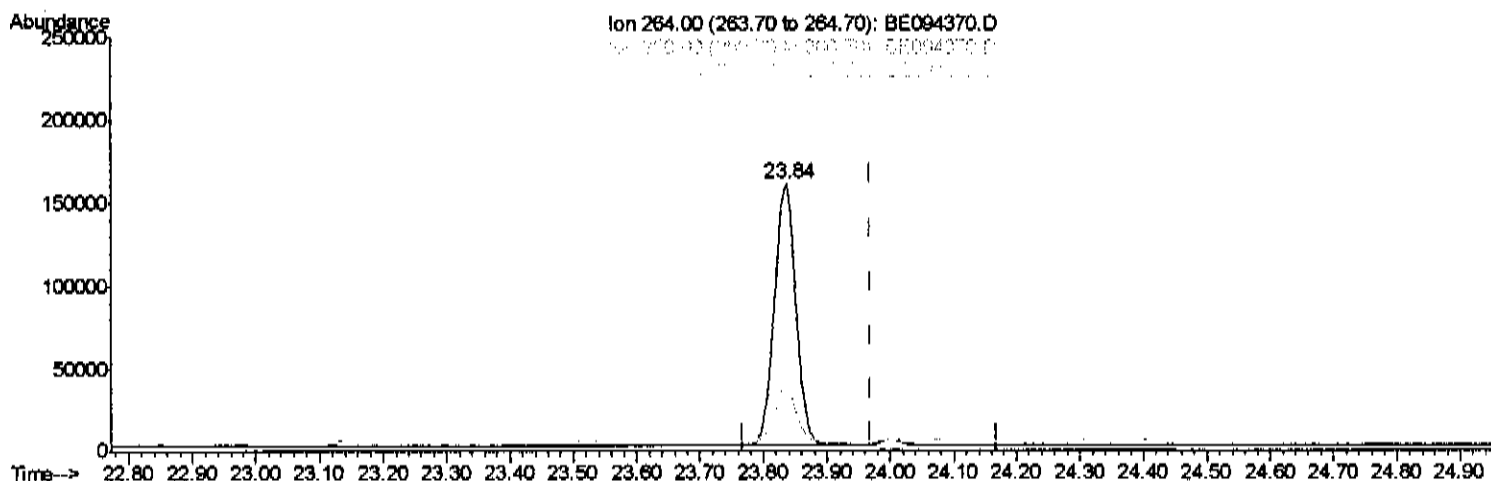
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(20) Perylene-d12 (I)

23.837min (-0.132) 0.40ng/ul

response 370689

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	23.59#
265.00	103.50	24.70#
0.00	0.00	0.00

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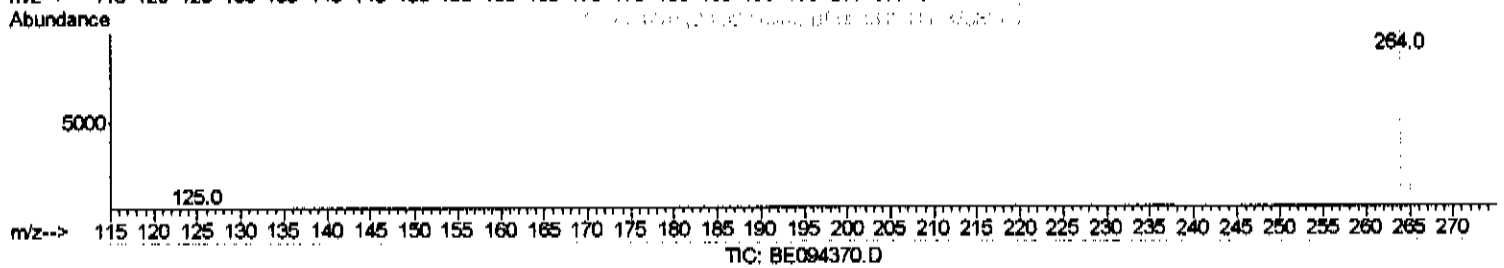
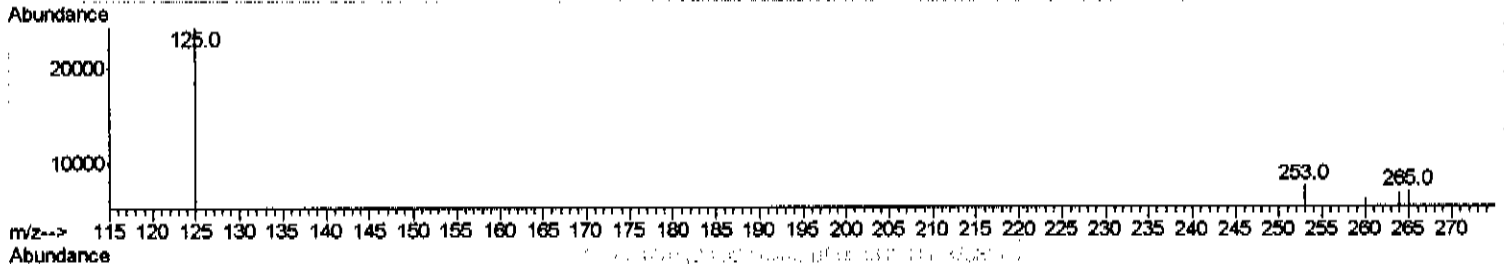
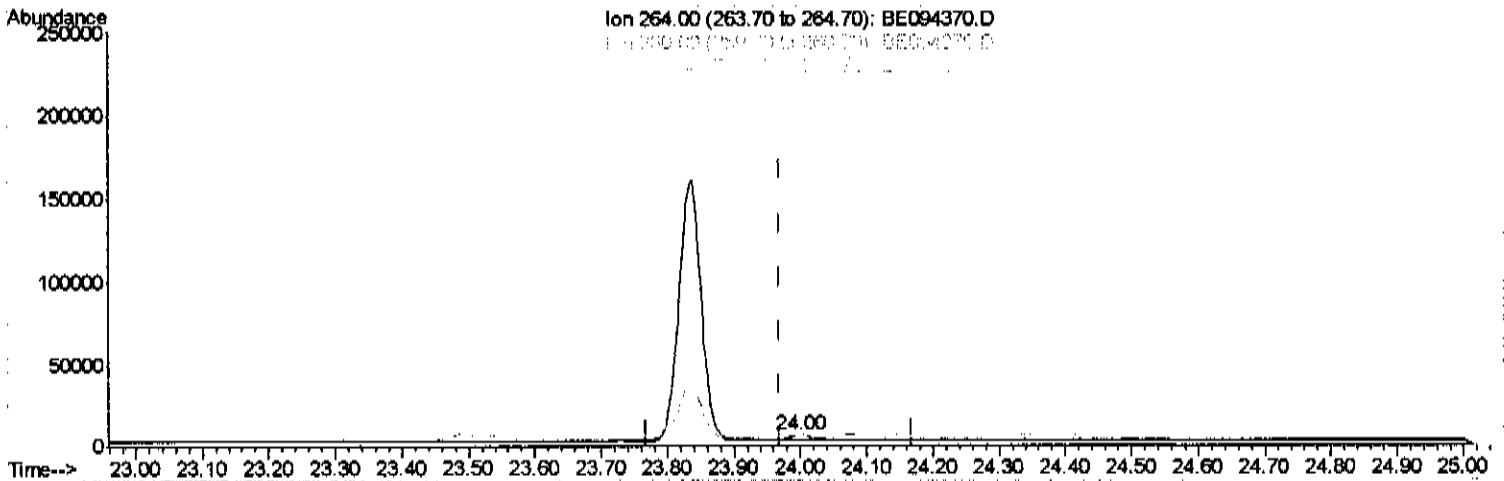
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(20) Perylene-d12 (I)

23.997min (+0.027) 0.40ng/ul m

response 8349

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	90.42#
265.00	103.50	104.21
0.00	0.00	0.00

SJ 10/16/17

Quantitation Report (Qedit)

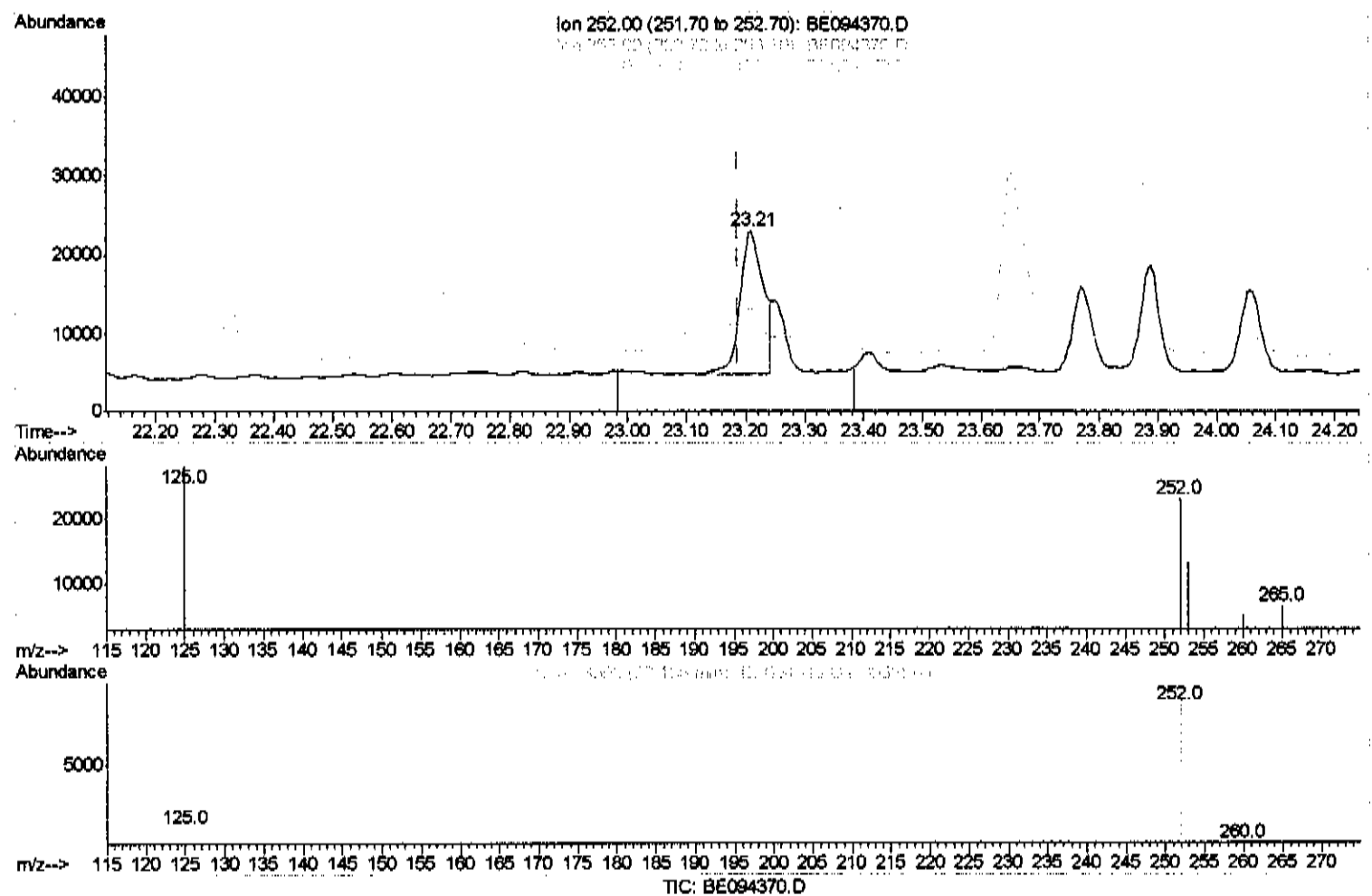
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(21) Benzo(b)fluoranthene

23.209min (+0.023) 2.23ng/ul

response 50476

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	57.90
125.00	17.50	121.89%
0.00	0.00	0.00

Quantitation Report (Qedit)

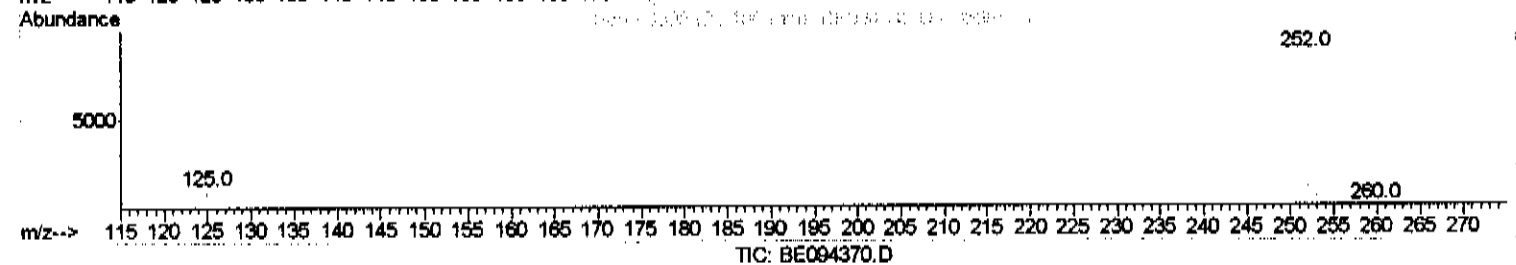
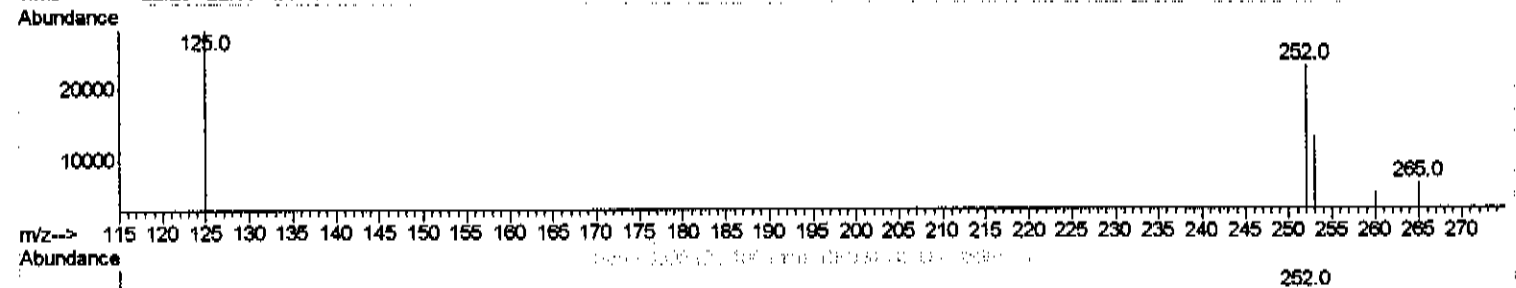
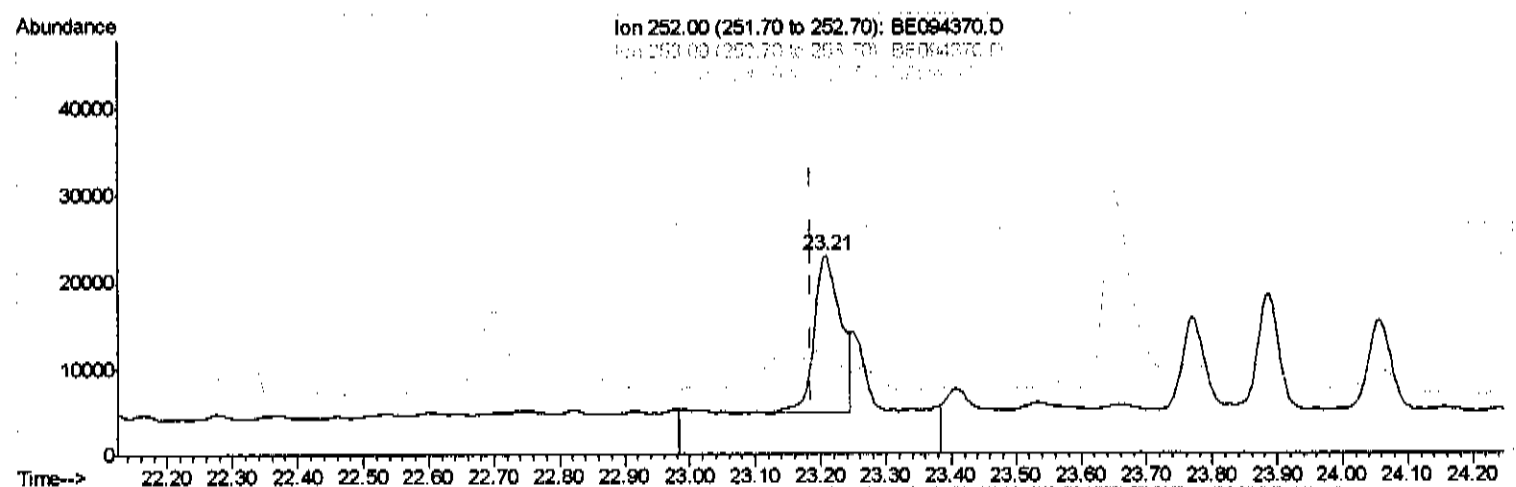
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(21) Benzo(b)fluoranthene

23.209min (+0.023) 2.33ng/ul m

response 52817

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	57.90
125.00	17.50	121.86%
0.00	0.00	0.00

Quantitation Report (Qedit)

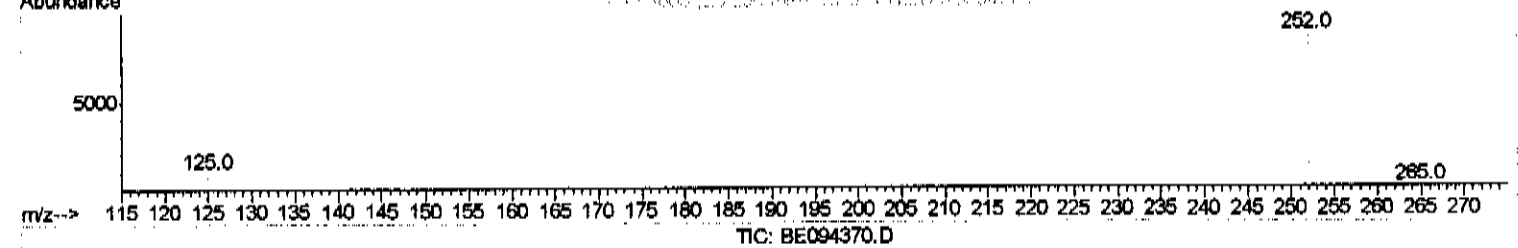
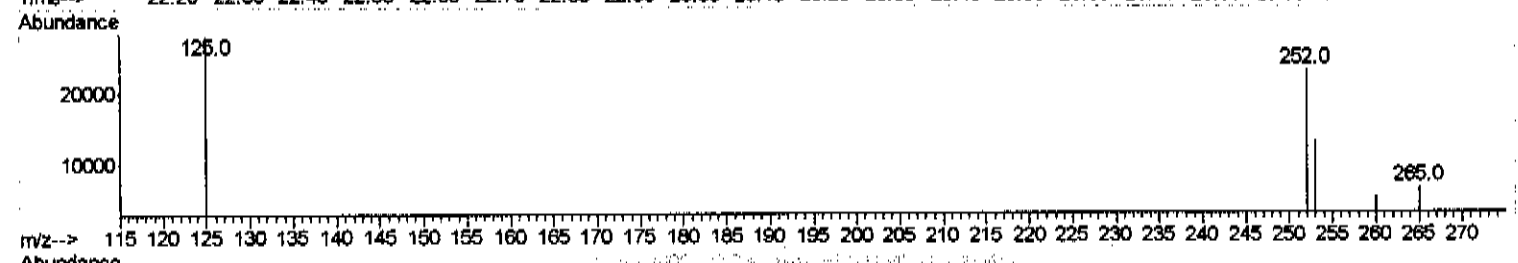
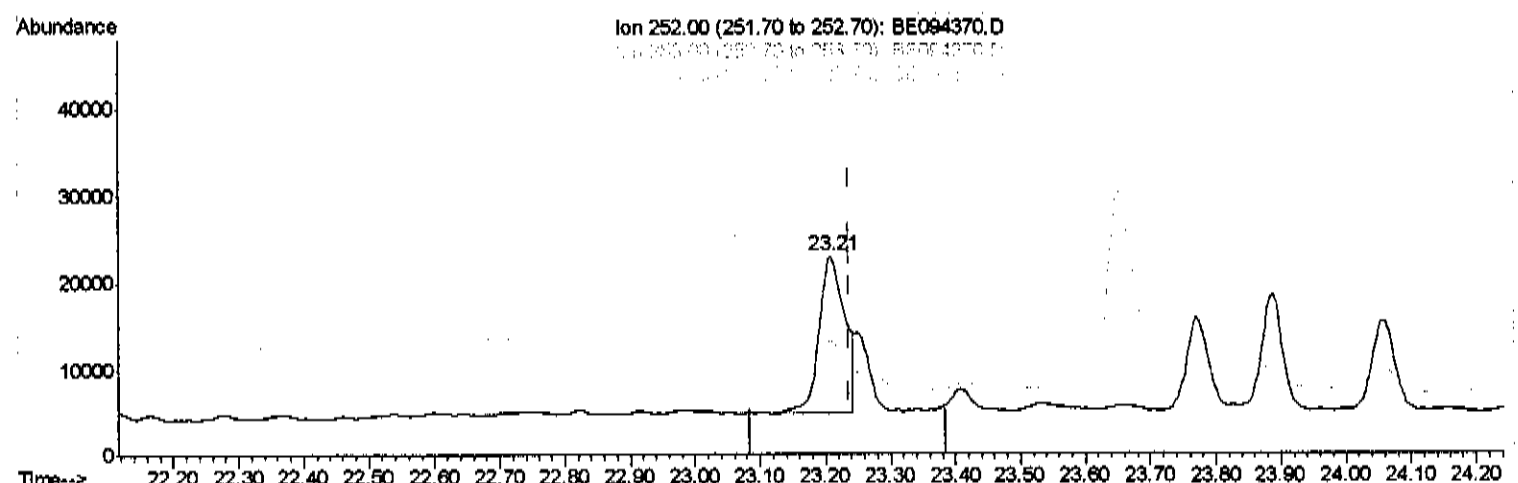
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(22) Benzo(k)fluoranthene
 23.209min (-0.027) 1.93ng/ui
 response 50476

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	57.90#
125.00	17.10	121.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

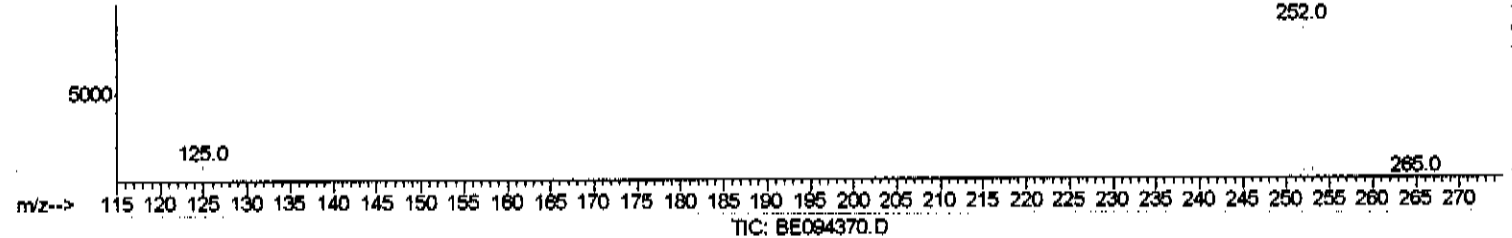
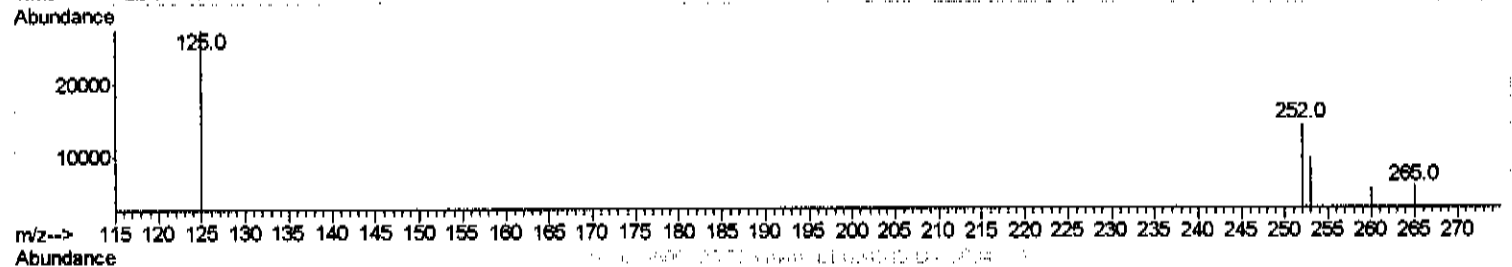
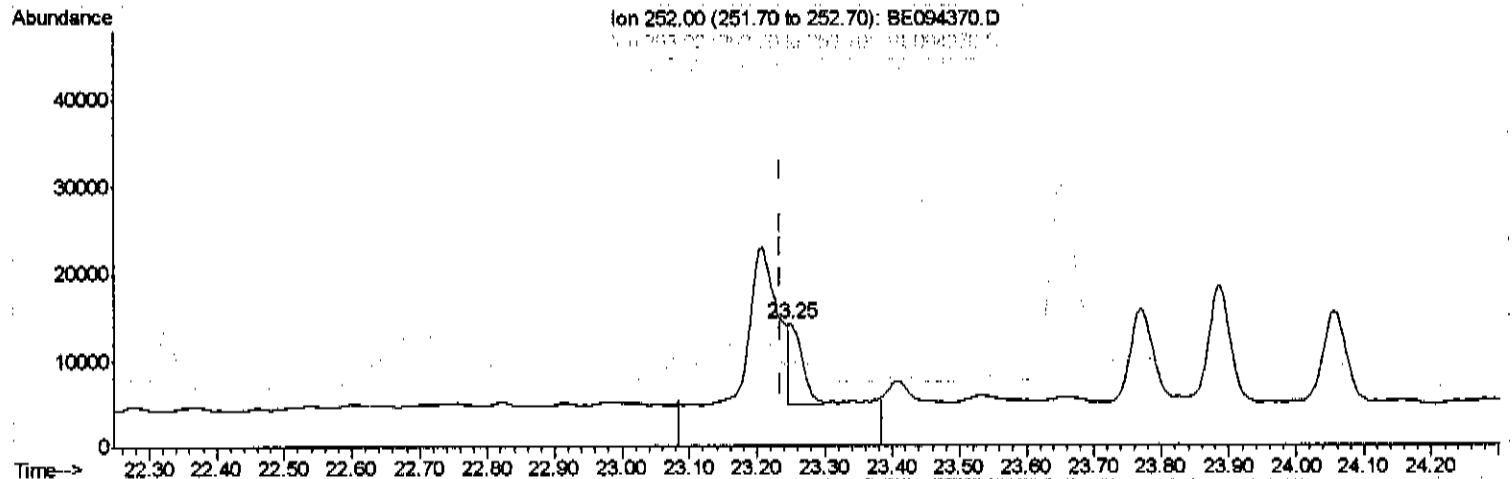
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(22) Benzo(k)fluoranthene

23.250min (+0.014) 0.48ng/ul m

response 12637

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	68.13#
125.00	17.10	190.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

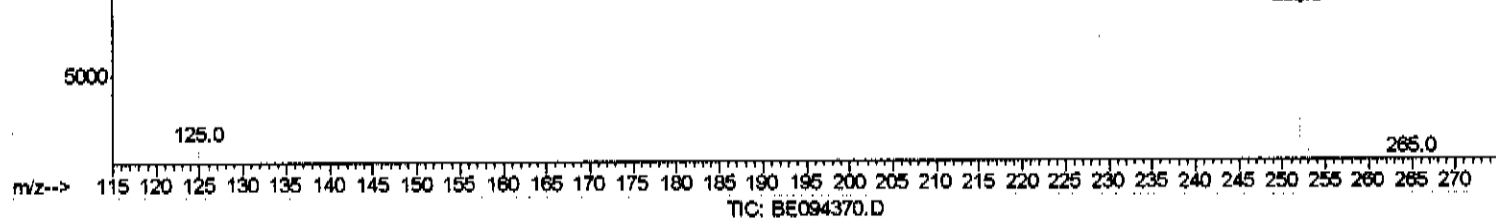
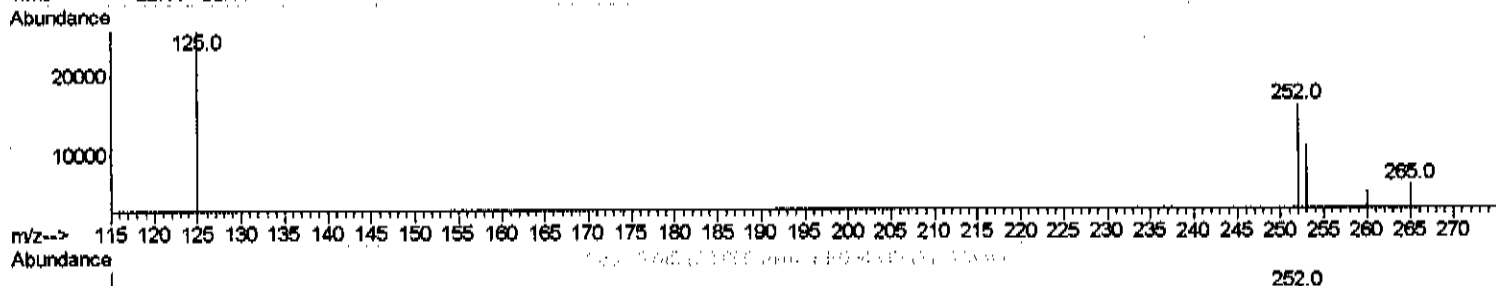
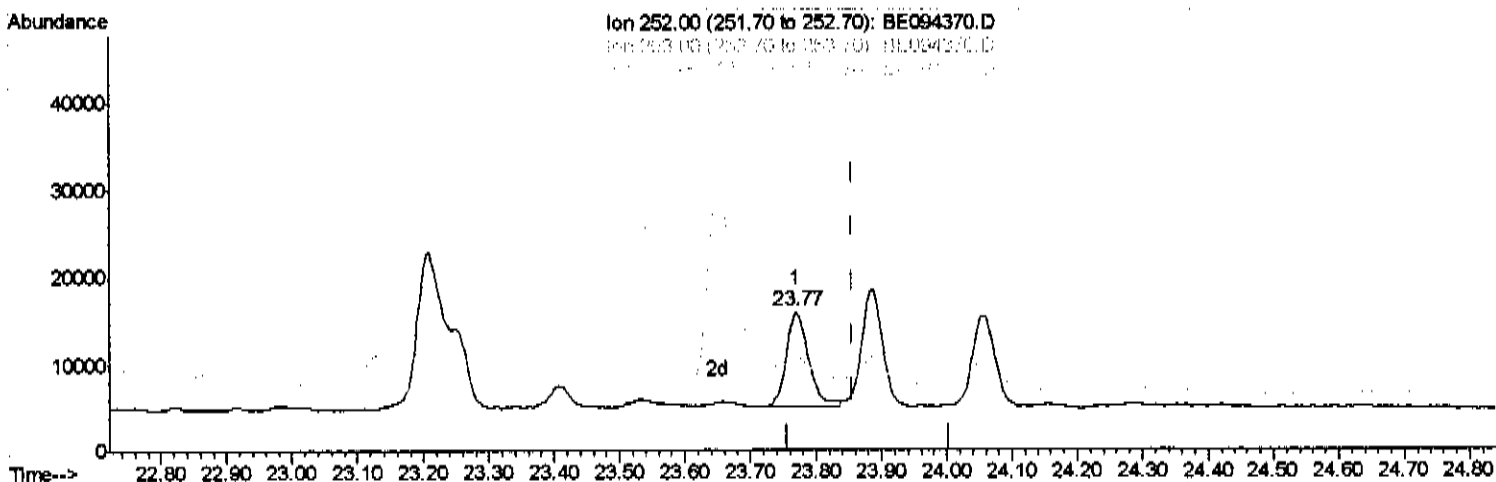
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(23) Benzo(a)pyrene (C)

23.769min (-0.086) 1.10ng/ui

response 26030

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	68.15#
125.00	22.60	160.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

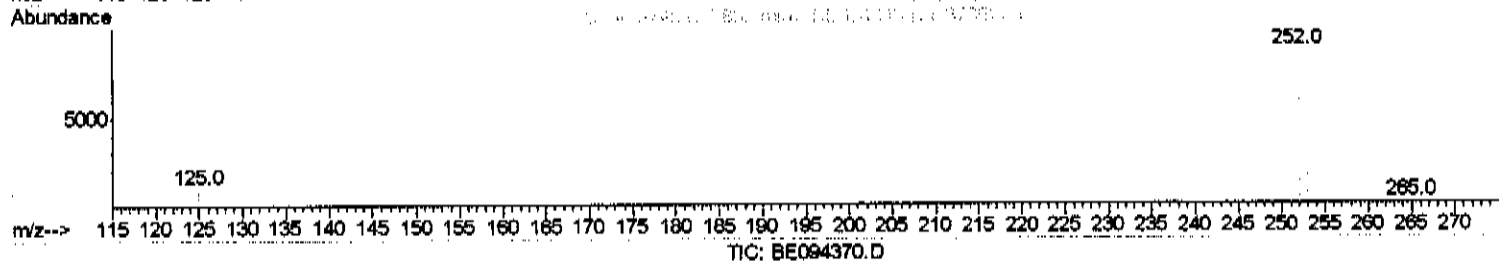
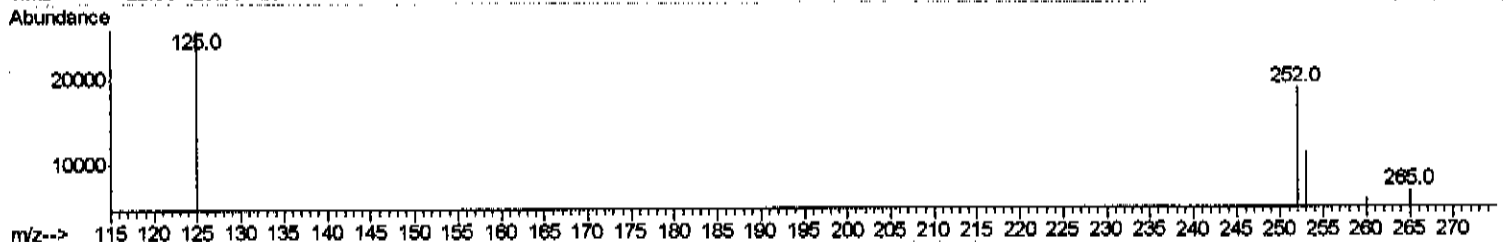
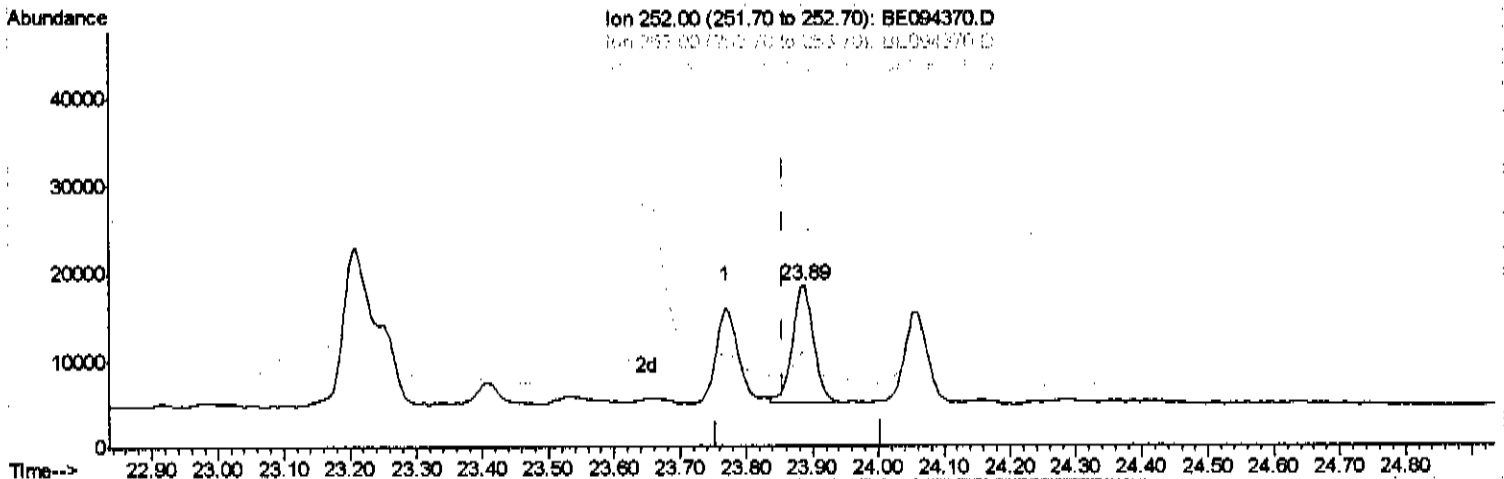
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Manual Integrations
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(23) Benzo(a)pyrene (C)

23.887min (+0.032) 1.27ng/ul m₅₄10/16/17

response 29931

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	59.24#
125.00	22.60	138.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

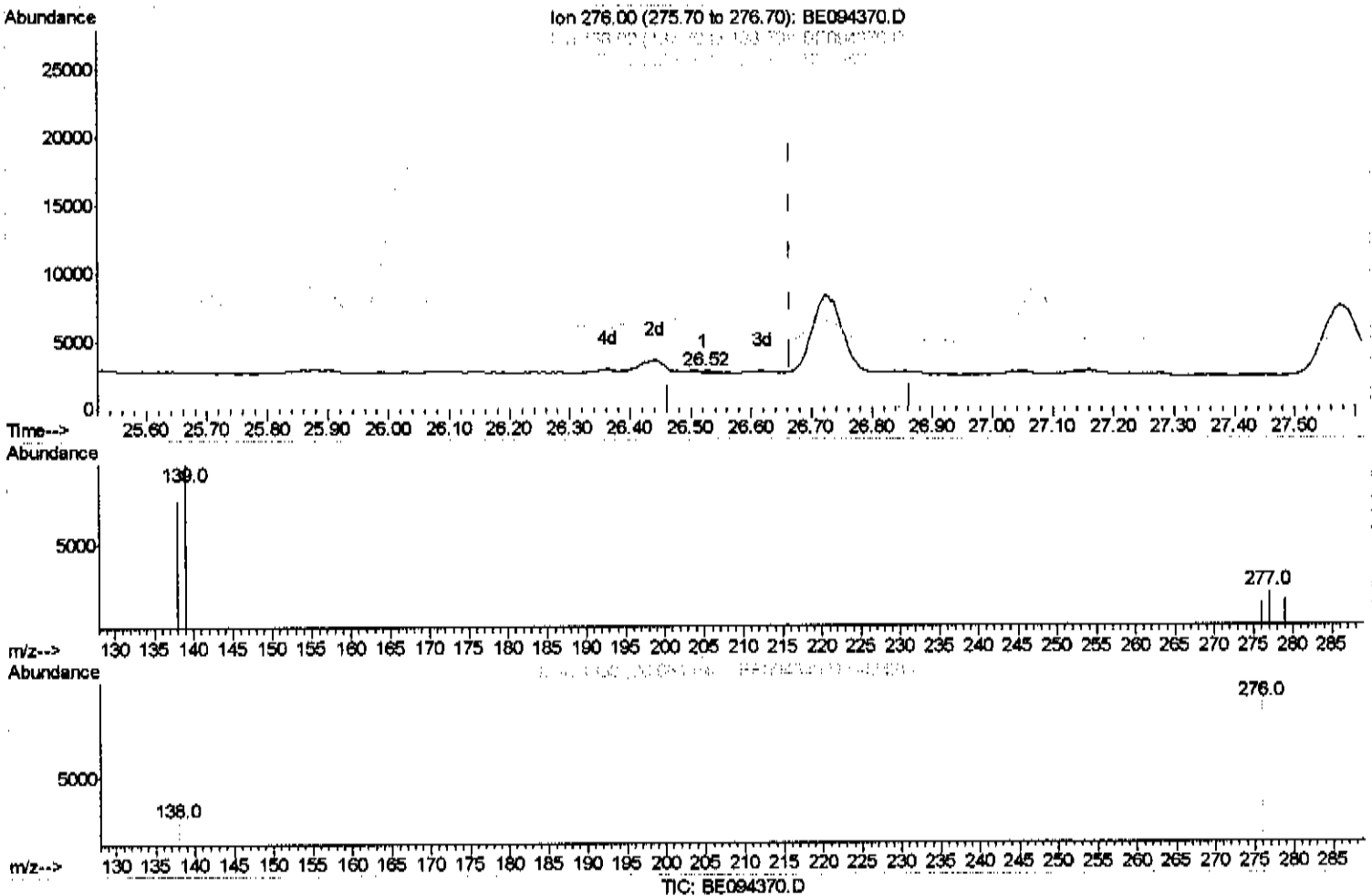
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(24) Indeno(1,2,3-cd)pyrene

26.522min (-0.141) 0.01ng/ul

response 282

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	2185.11#
227.00	10.00	0.00#
0.00	0.00	0.00

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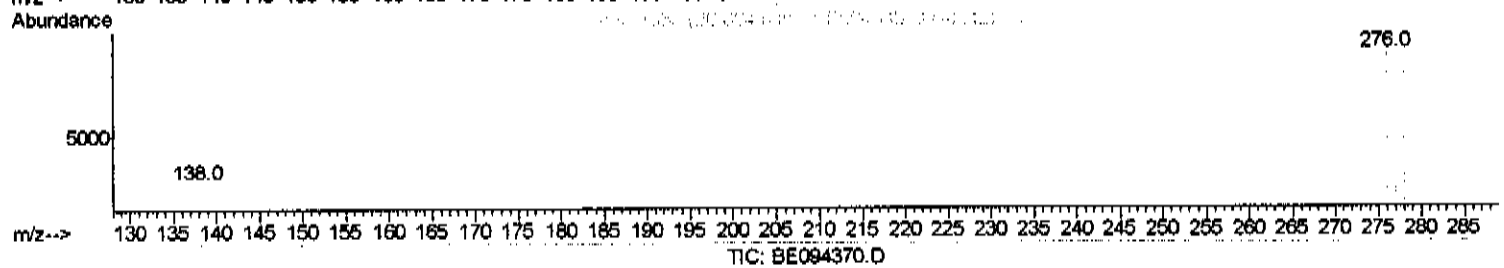
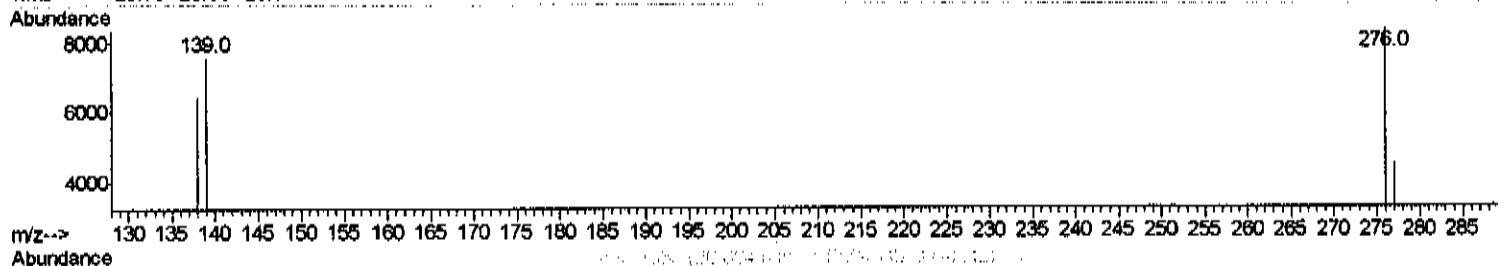
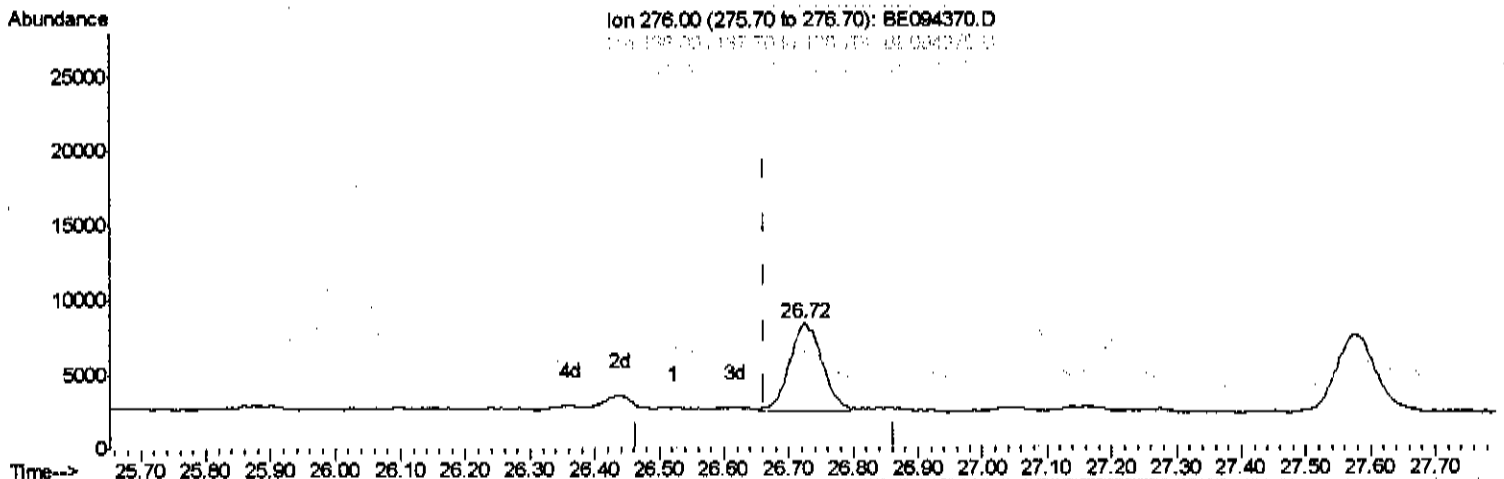
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(24) Indeno(1,2,3-cd)pyrene

26.723min (+0.059) 0.87ng/ul m

response 21032

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	29.30
227.00	10.00	0.00%
0.00	0.00	0.00

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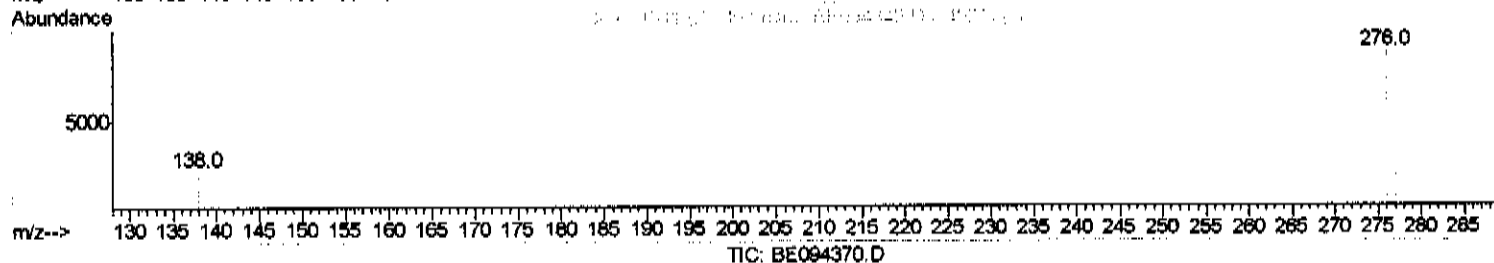
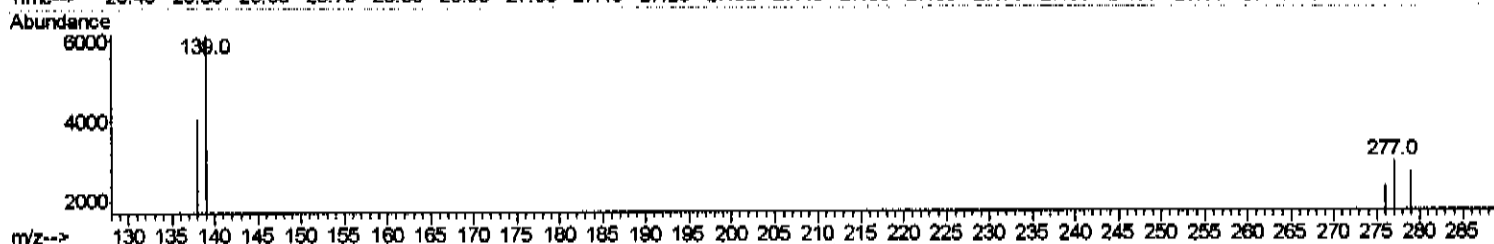
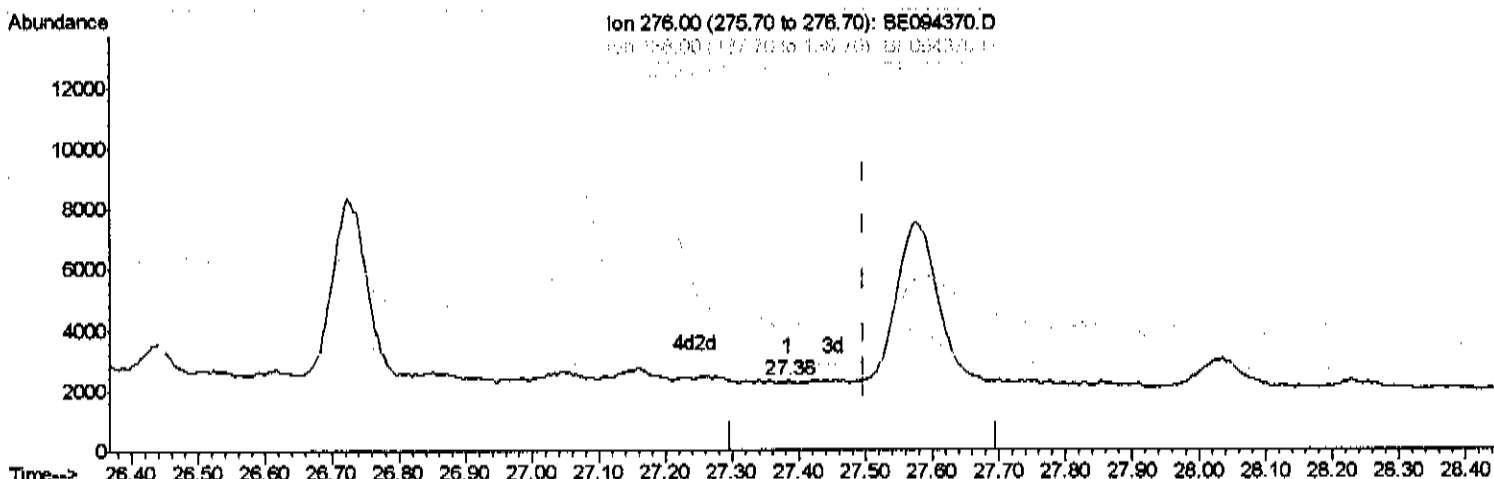
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(26) Benzo(g,h,i)perylene

27.384min (-0.114) 0.00ng/ul

response 79

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	175.25#
277.00	25.60	126.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

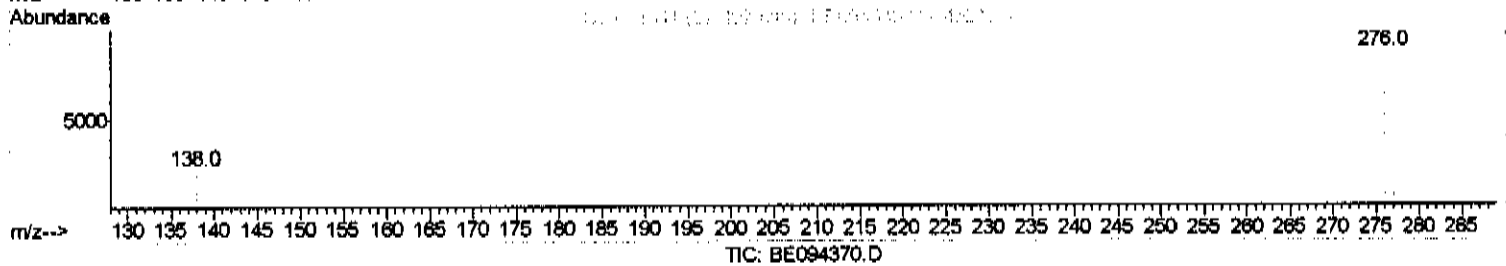
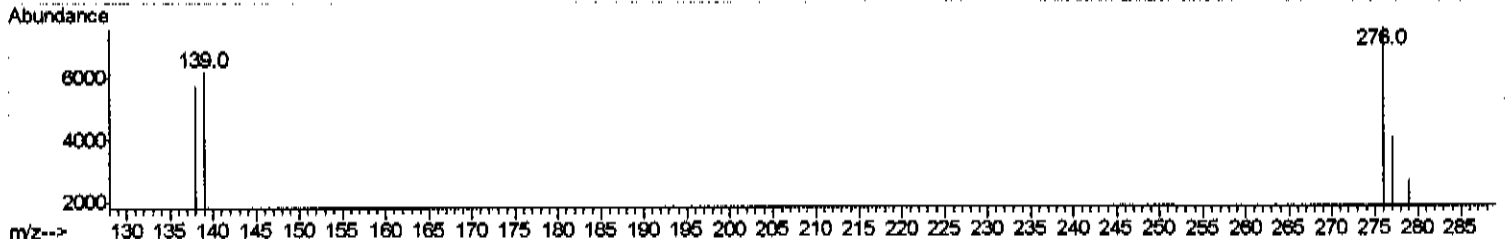
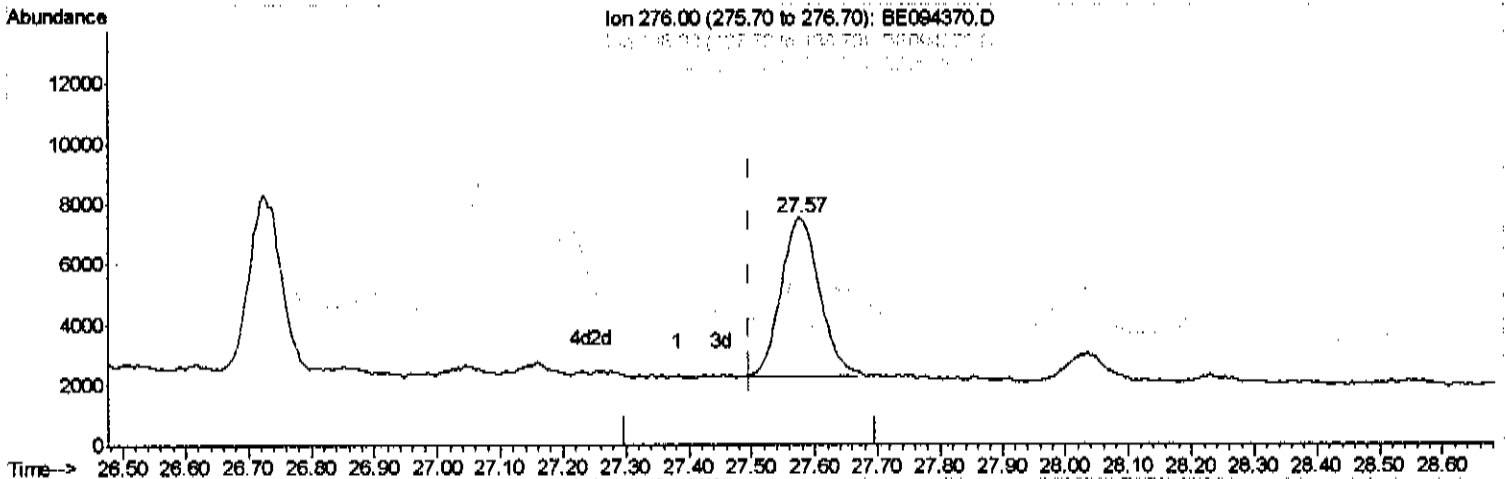
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(26) Benzo(g,h,i)perylene

27.575min (+0.078) 1.07ng/ul m

response 22241

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	76.26%
277.00	25.60	52.96%
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1674	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.70	136	8648	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.52	164	7712	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	10751	0.40	ng/ul	-0.02
16) Chrysene-d12	21.43	240	13714	0.40	ng/ul	0.00
20) Perylene-d12	24.00	264	8349m	0.40	ng/ul	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	2878	0.21	ng/ul	-0.02
14) Fluoranthene-d10	19.28	212	6775	0.19	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	372230	17.573	ng/ul#	92
5) 2-Methylnaphthalene	12.35	142	472422	34.379	ng/ul	98
7) Acenaphthylene	14.24	152	11315	0.376	ng/ul#	1
8) Acenaphthene	14.59	153	18370	0.742	ng/ul#	67
9) Fluorene	15.57	166	5914	0.204	ng/ul#	65
12) Phenanthrene	17.29	178	91881	3.270	ng/ul#	90
13) Anthracene	17.38	178	10599	0.388	ng/ul#	66
15) Fluoranthene	19.31	202	77633	2.103	ng/ul	82
17) Pyrene	19.68	202	78837	2.066	ng/ul#	85
18) Benzo(a)anthracene	21.41	228	40757	1.120	ng/ul#	67
19) Chrysene	21.47	228	44029	1.048	ng/ul#	62
21) Benzo(b)fluoranthene	23.21	252	52817m	2.329	ng/ul	} 746016/17
22) Benzo(k)fluoranthene	23.25	252	12637m	0.482	ng/ul	
23) Benzo(a)pyrene	23.89	252	29931m	1.270	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.72	276	21032m	0.872	ng/ul	
26) Benzo(a,h,i)perylene	27.57	276	22241m	1.070	ng/ul	

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