

Quantitation Report (QT Reviewed)

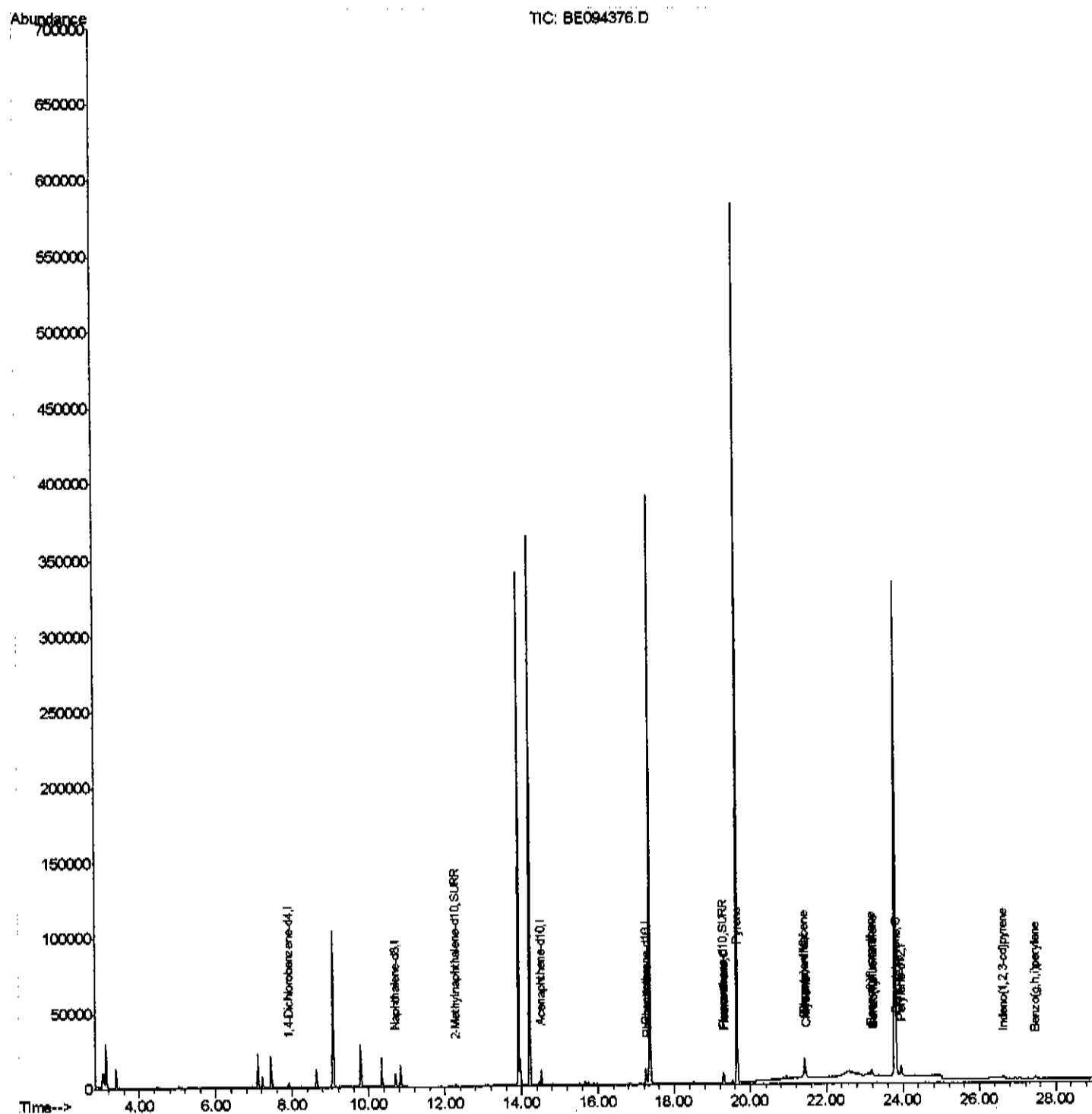
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094376.D
 Acq On : 15 Oct 2017 3:58
 Operator : SJ/JU
 Sample : I5548-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampled :
 C0AF4

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:25:40 PM

Quant Time: Oct 16 05:48:57 2017
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 05:09:03 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

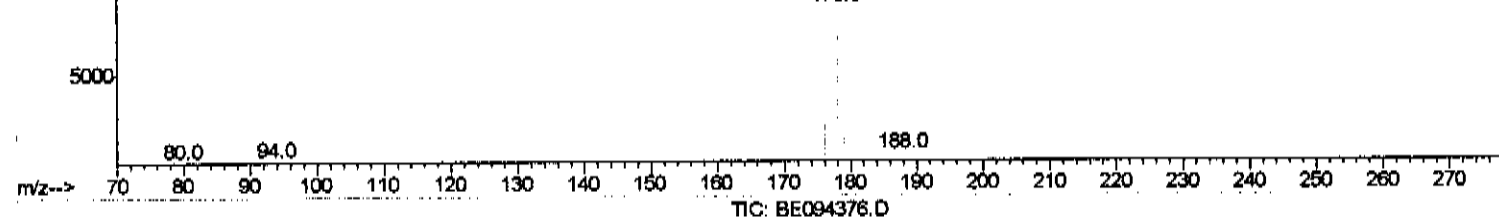
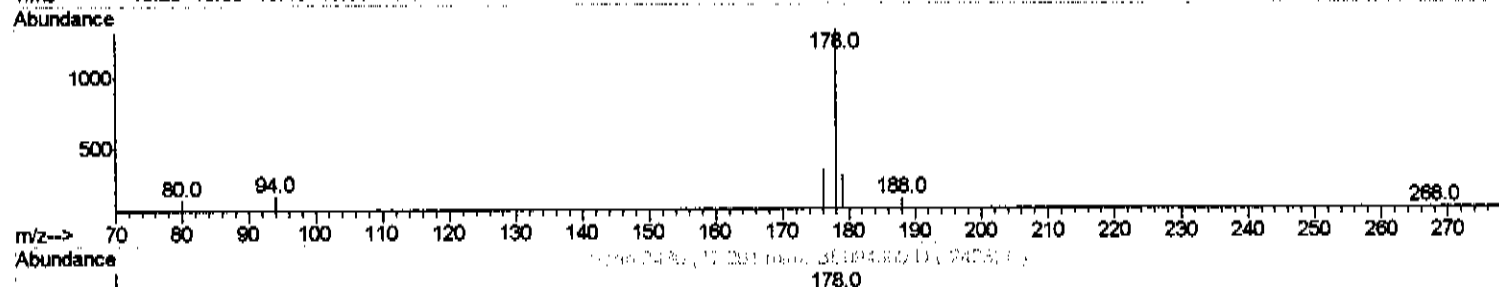
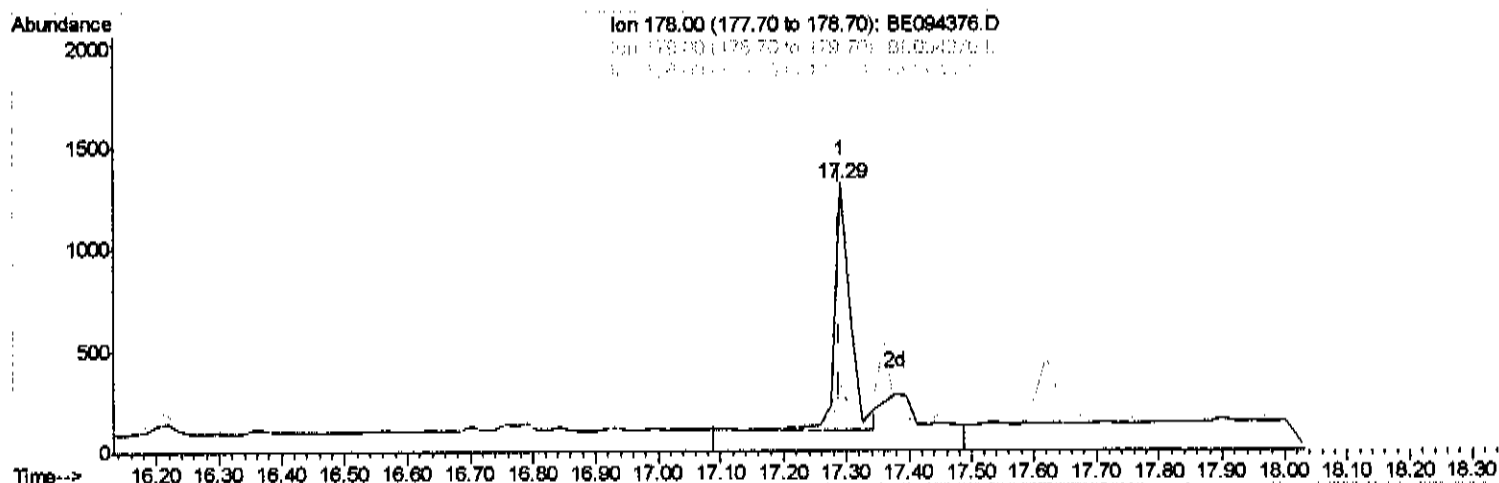
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(12) Phenanthrene

17.292min (+0.001) 0.07ng/ul

response 2142

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.76
176.00	17.00	25.27#
0.00	0.00	0.00

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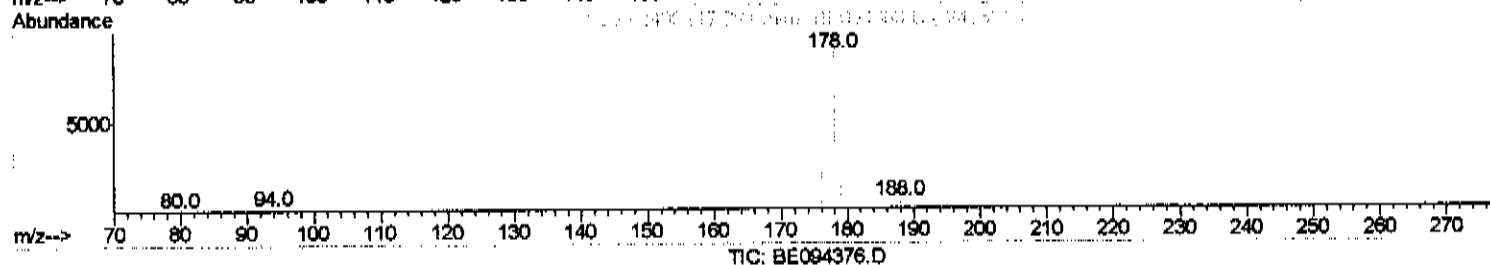
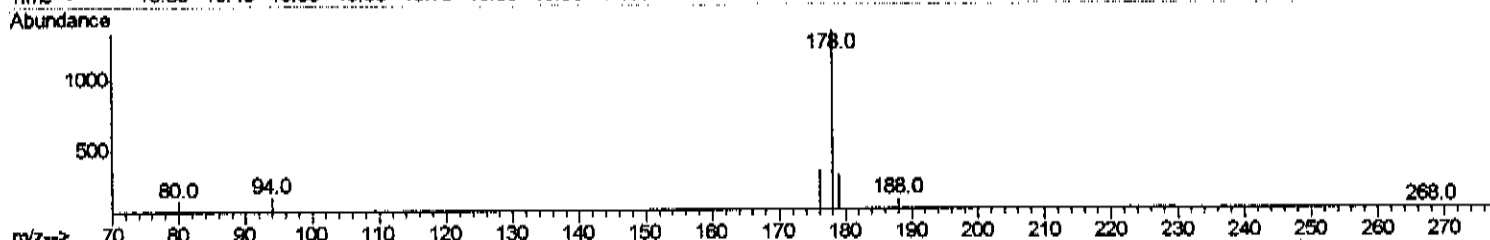
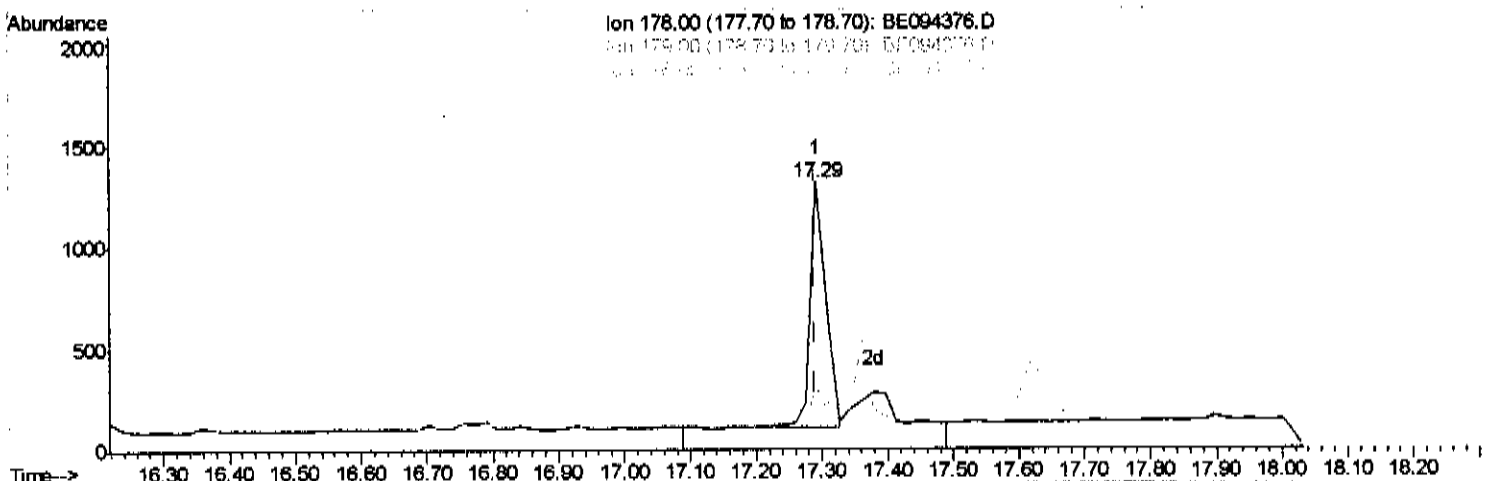
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(12) Phenanthrene

17.292min (+0.001) 0.06ng/ul m

response 1981

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	22.76
176.00	17.00	25.27#
0.00	0.00	0.00

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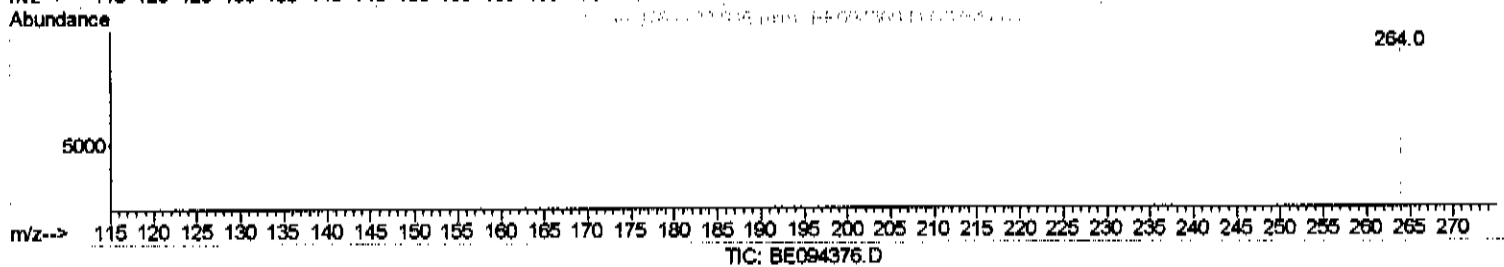
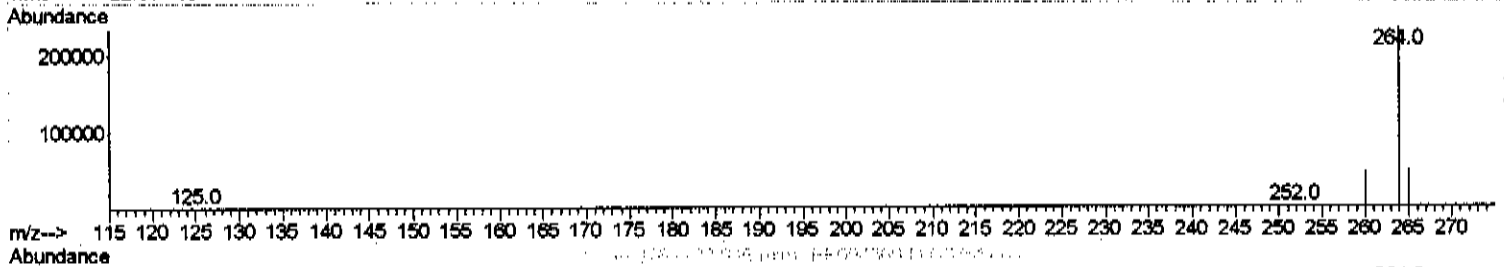
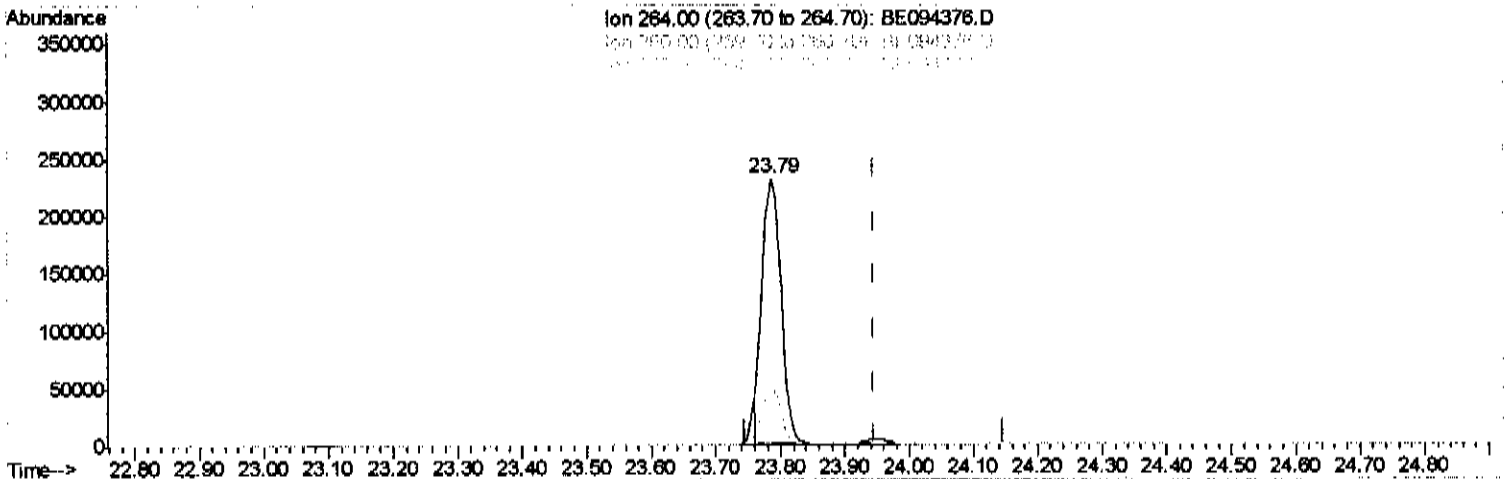
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(20) Perylene-d12 (I)

23.787min (-0.159) 0.40ng/ul

response 466328

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	20.81#
265.00	103.50	21.33#
0.00	0.00	0.00

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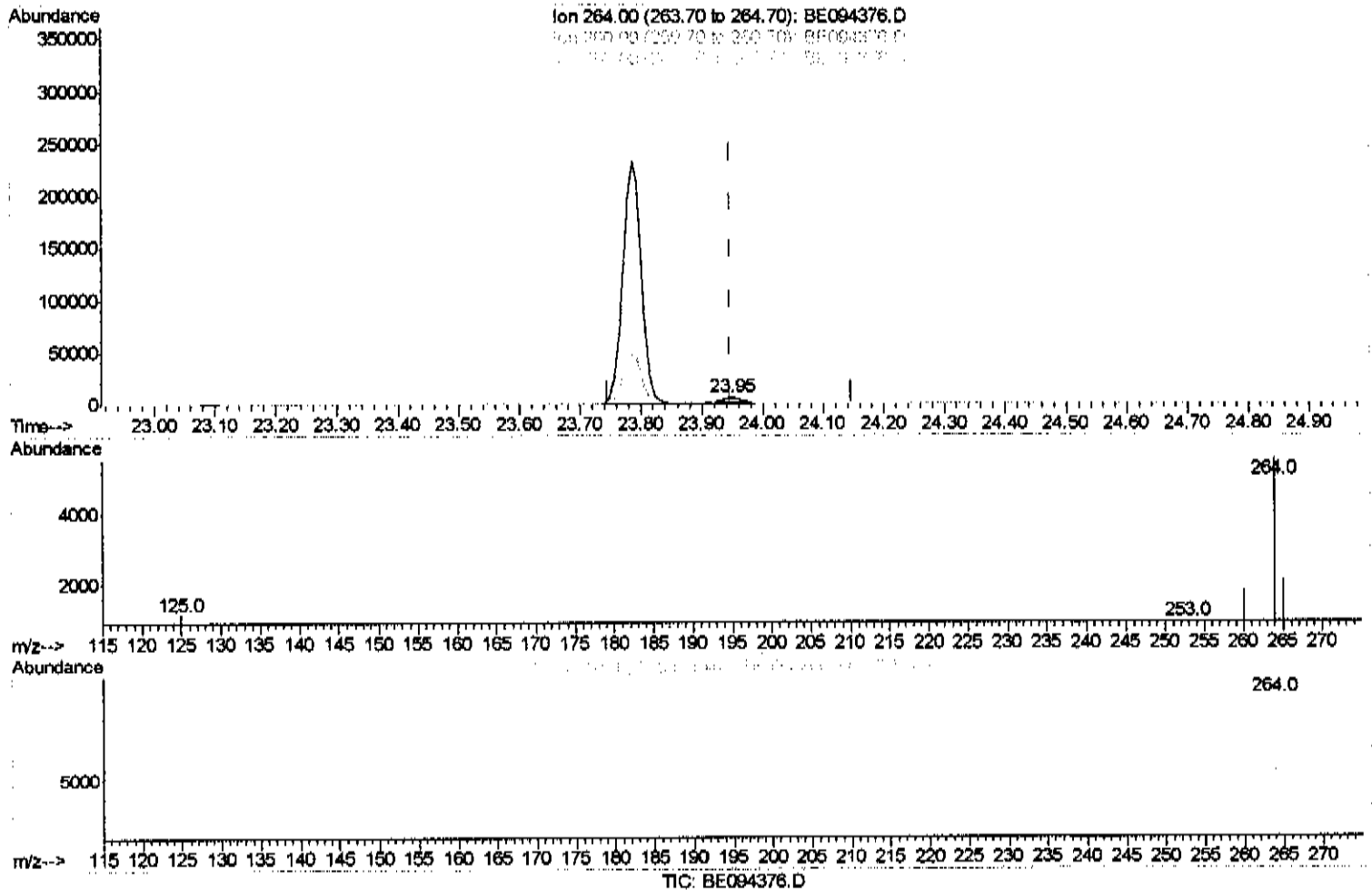
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(20) Perylene-d12 (I)

23.947min (+0.000) 0.40ng/ui m

response 10431

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	31.69
265.00	103.50	37.50%
0.00	0.00	0.00

Handwritten signature: Jy 10/16/17

Quantitation Report (Qedit)

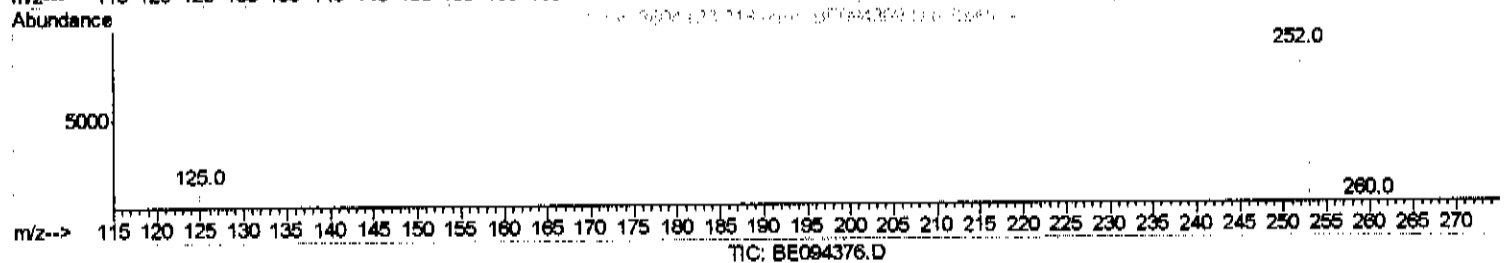
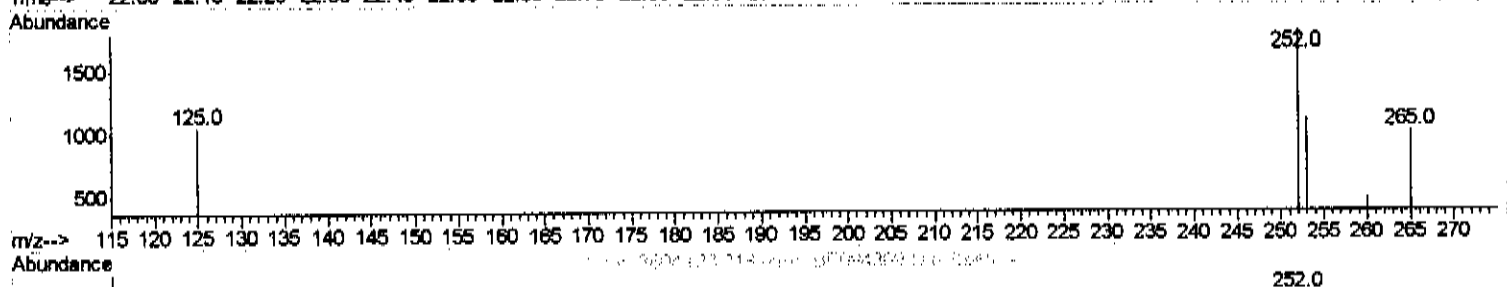
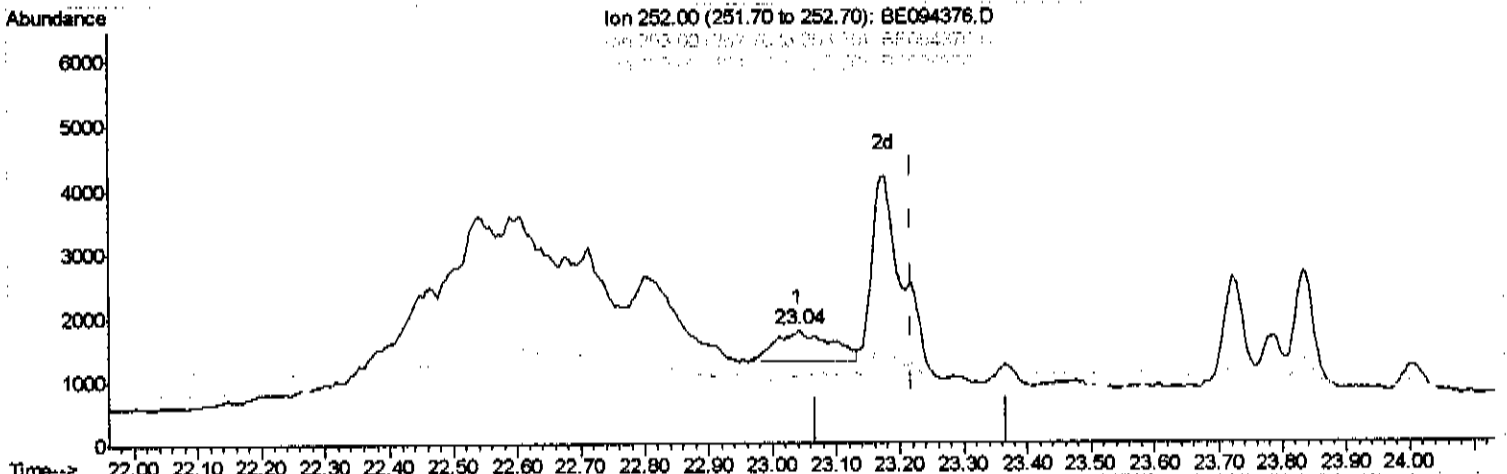
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(22) Benzo(k)fluoranthene
 23.040min (-0.178) 0.08ng/ul
 response 2906

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	60.67#
125.00	17.10	58.55#
0.00	0.00	0.00

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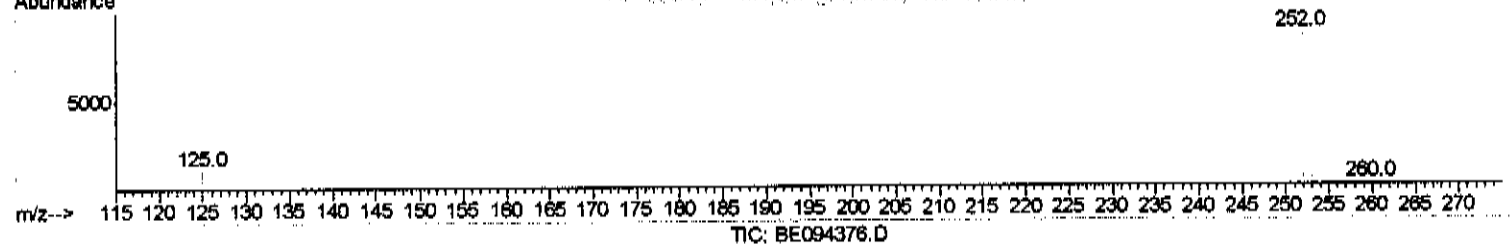
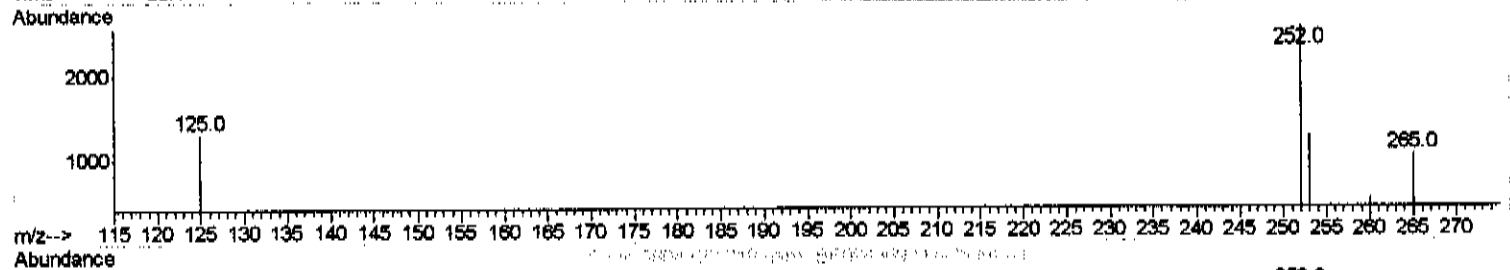
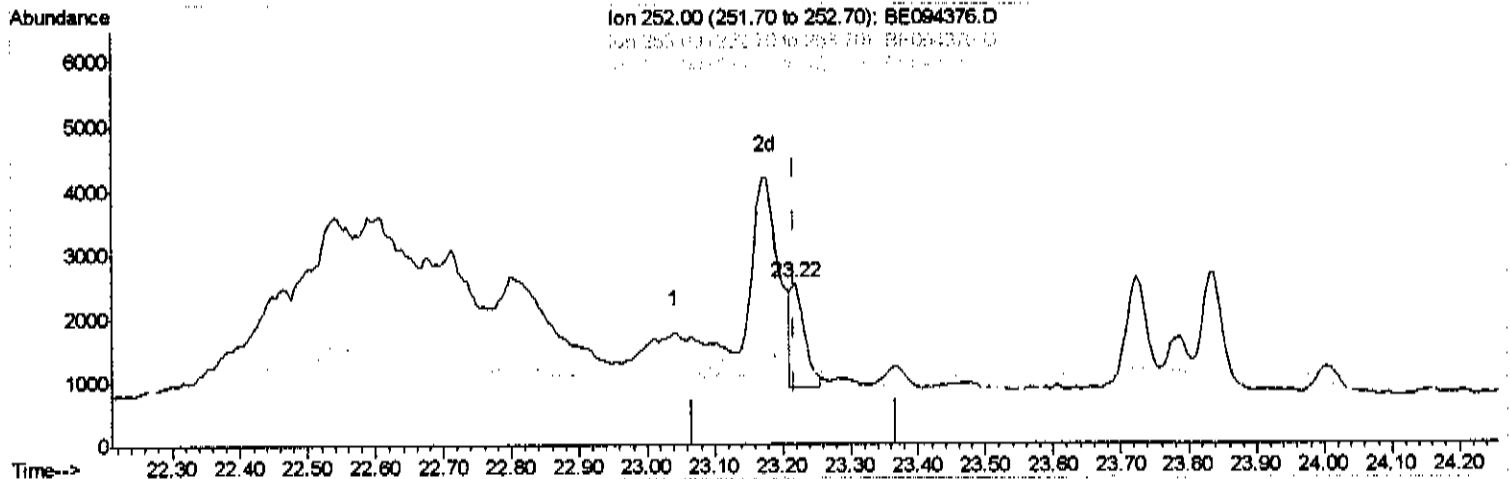
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(22) Benzo(k)fluoranthene

23.218min (+0.000) 0.07ng/ul m

response 2274

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	49.63#
125.00	17.10	51.08#
0.00	0.00	0.00

JU 10/16/17

Quantitation Report (Qedit)

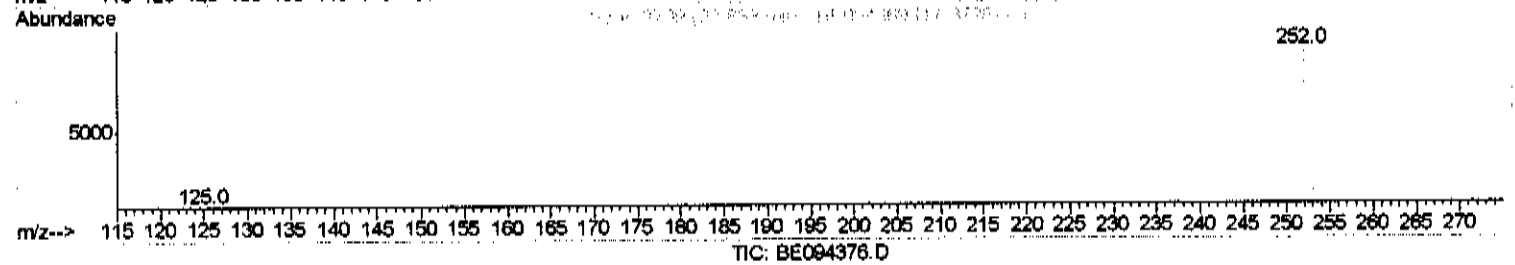
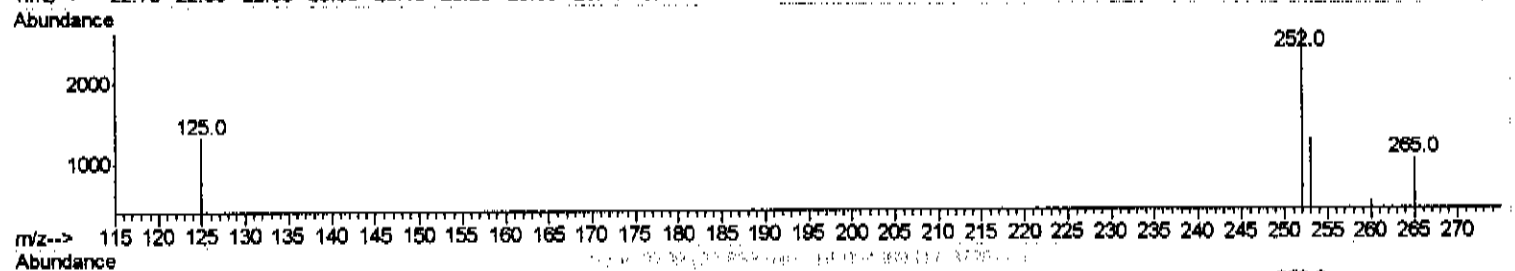
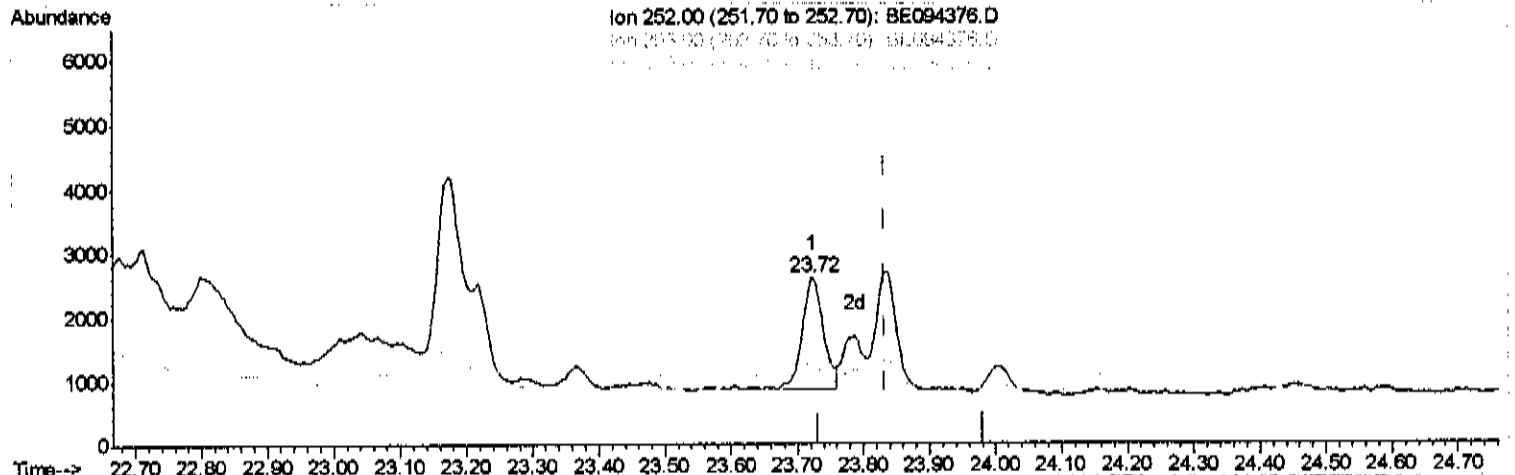
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(23) Benzo(a)pyrene (C)

23.723min (-0.109) 0.13ng/ul

response 3903

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	47.96#
125.00	22.60	50.15#
0.00	0.00	0.00

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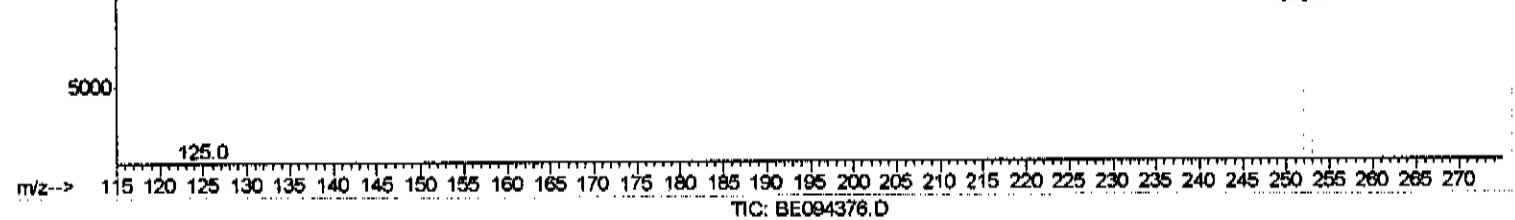
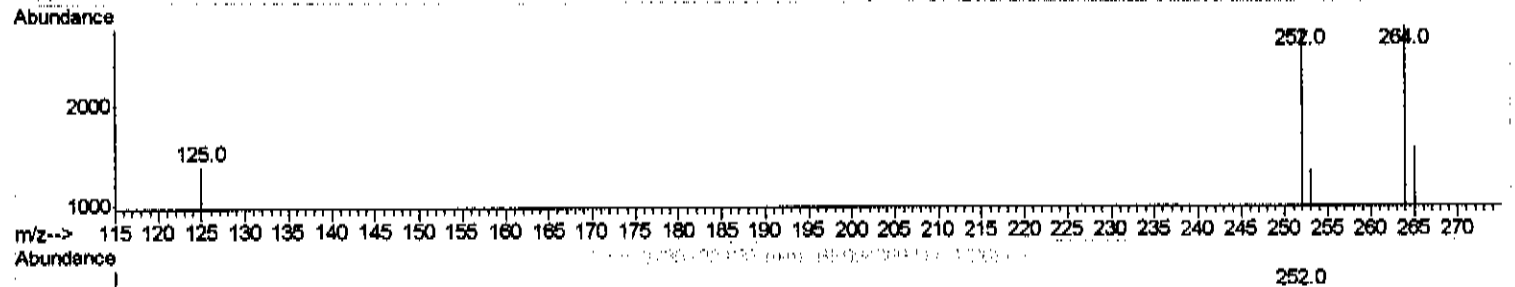
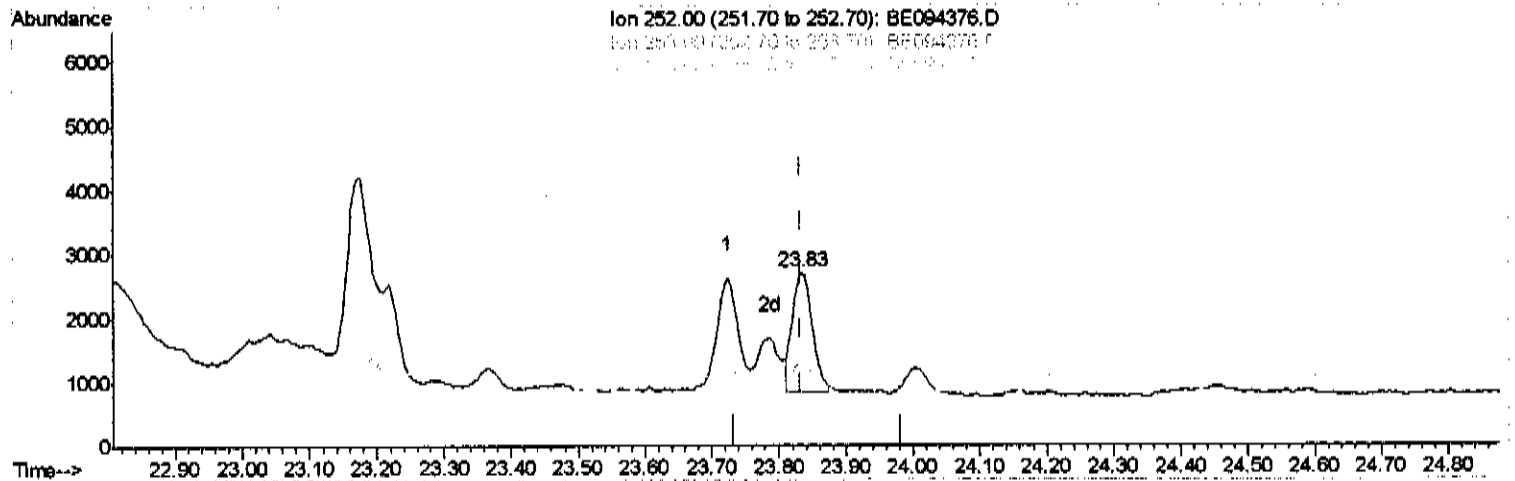
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(23) Benzo(a)pyrene (C)

23.833min (+0.000) 0.13ng/ul m

response 3780

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	49.00#
125.00	22.60	51.52#
0.00	0.00	0.00

Quantitation Report (Qedit)

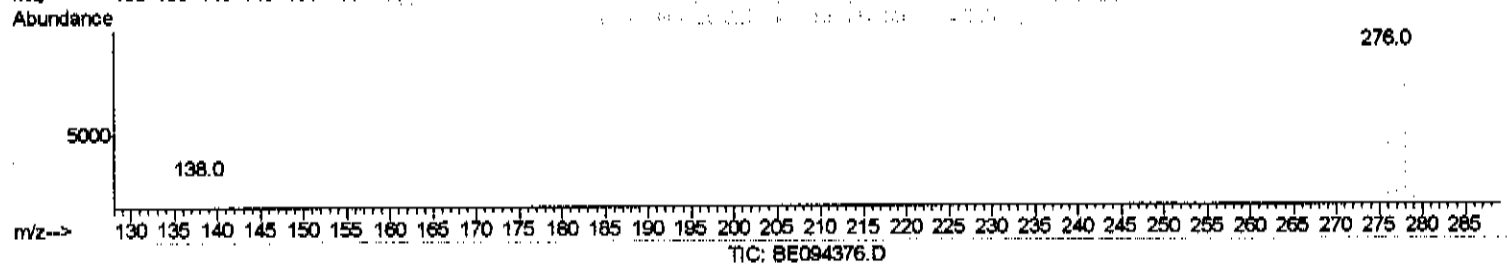
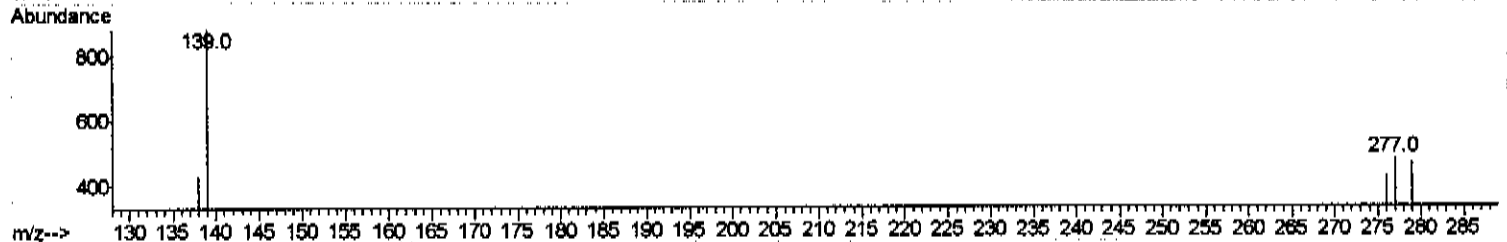
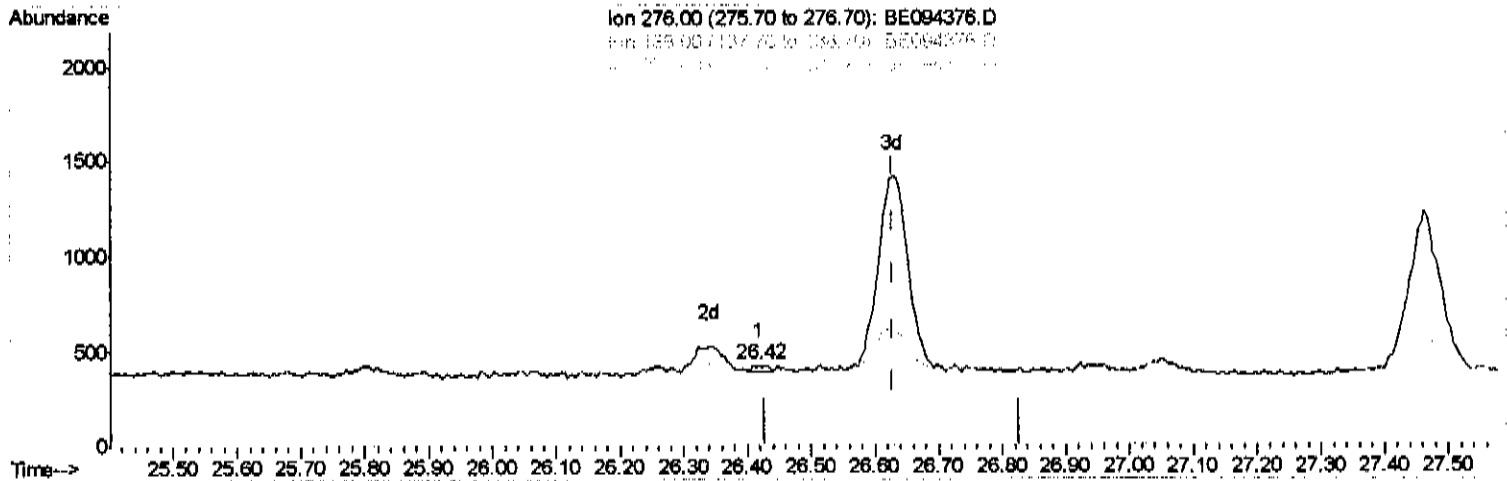
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(24) Indeno(1,2,3-cd)pyrene

26.418min (-0.209) 0.00ng/ul

response 71

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	25.35#
227.00	10.00	0.00#
0.00	0.00	0.00

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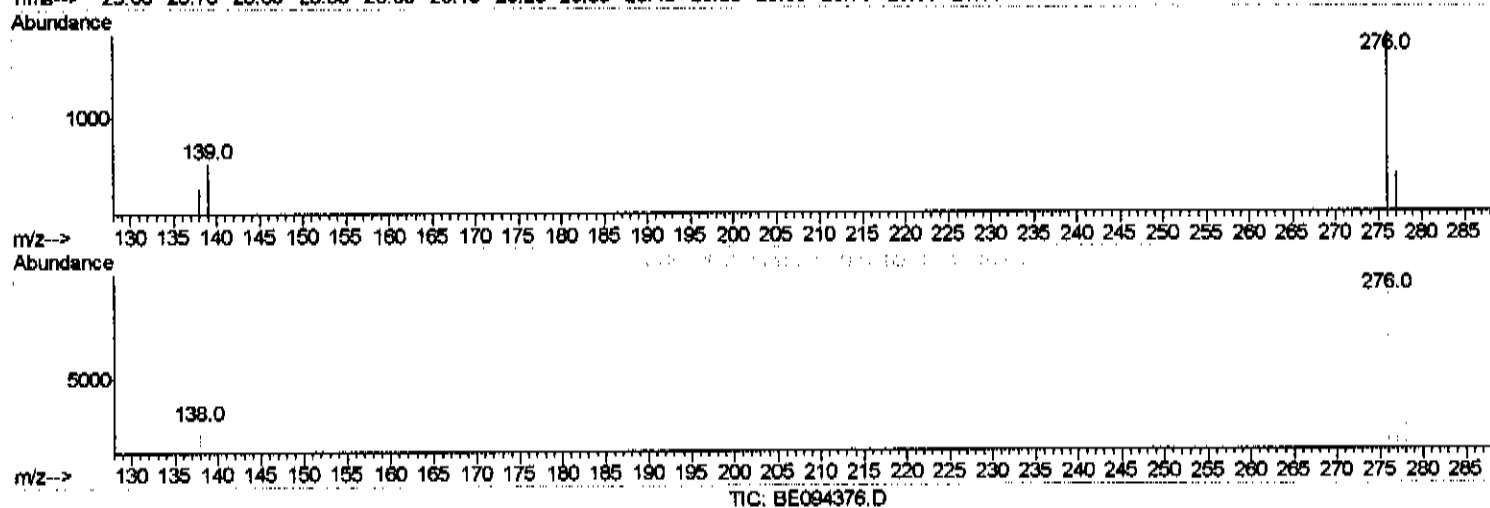
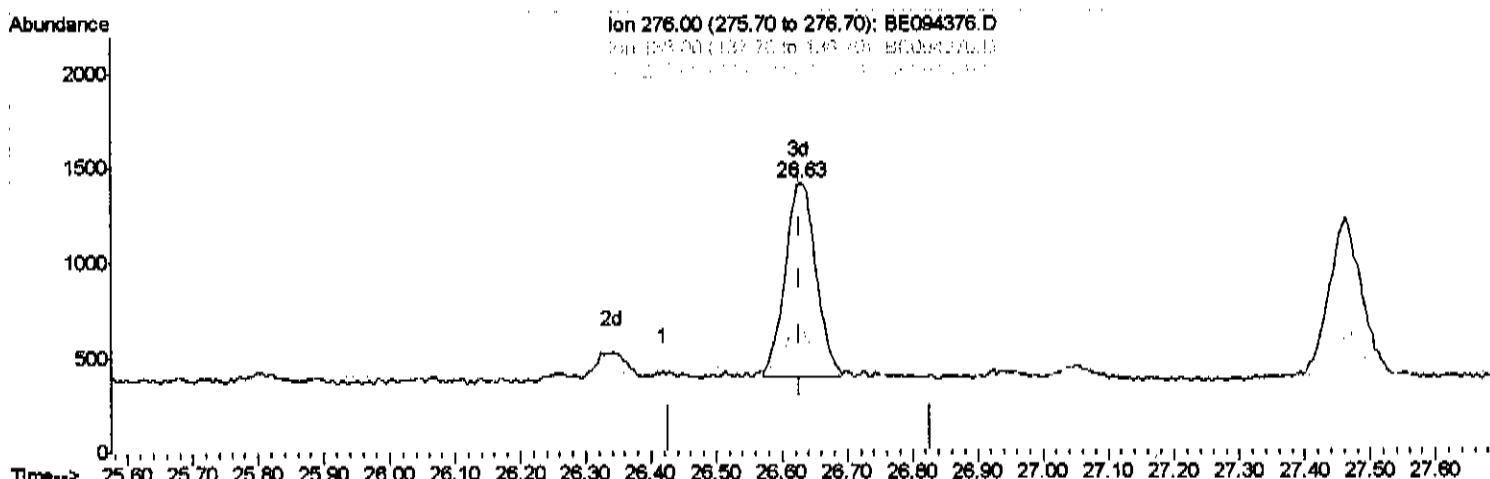
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(24) Indeno(1,2,3-cd)pyrene

26.628min (+0.001) 0.11ng/ul m

response 3330

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.54#
227.00	10.00	0.00#
0.00	0.00	0.00

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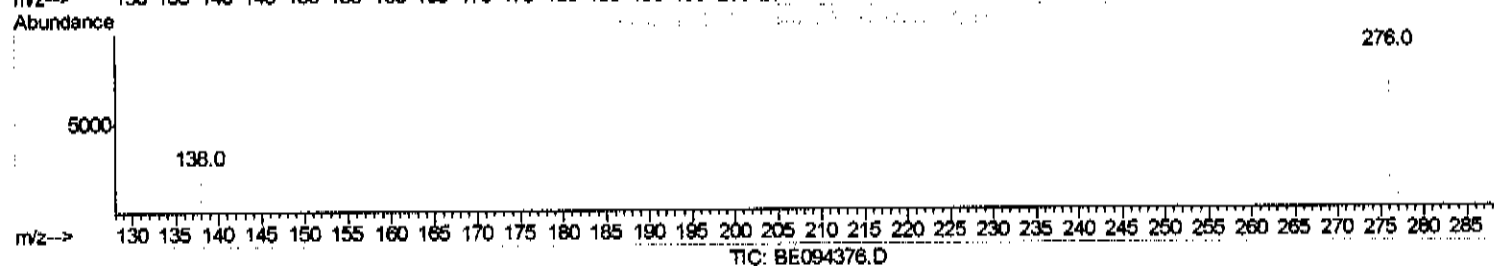
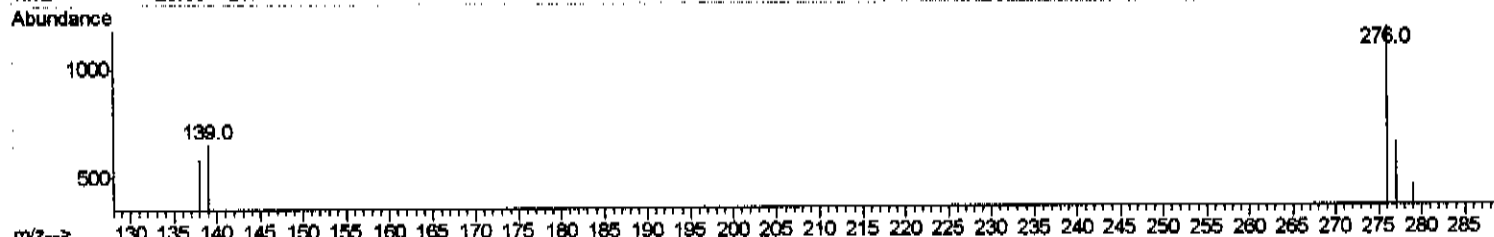
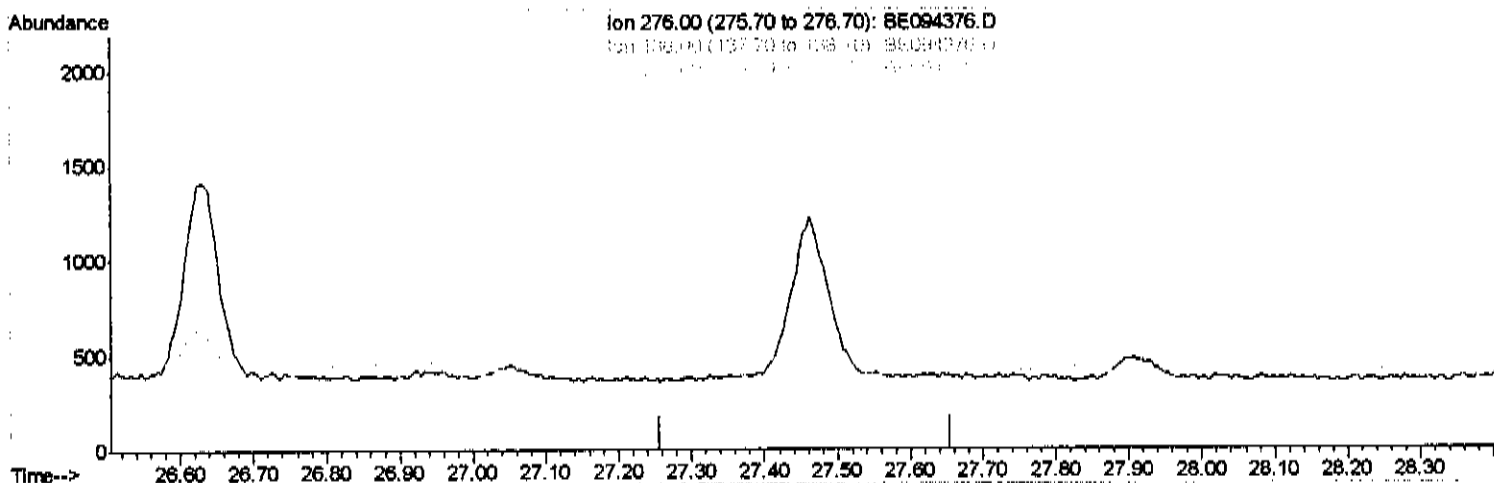
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(26) Benzo(g,h,i)perylene
 27.456min (-27.456) 0.00ng/ul
 response 0

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

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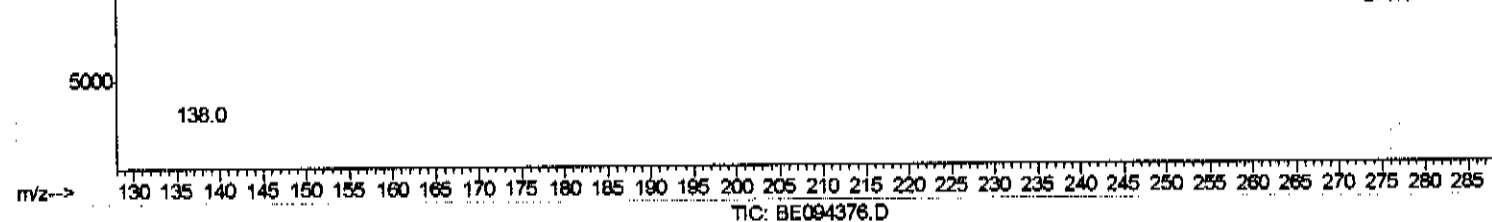
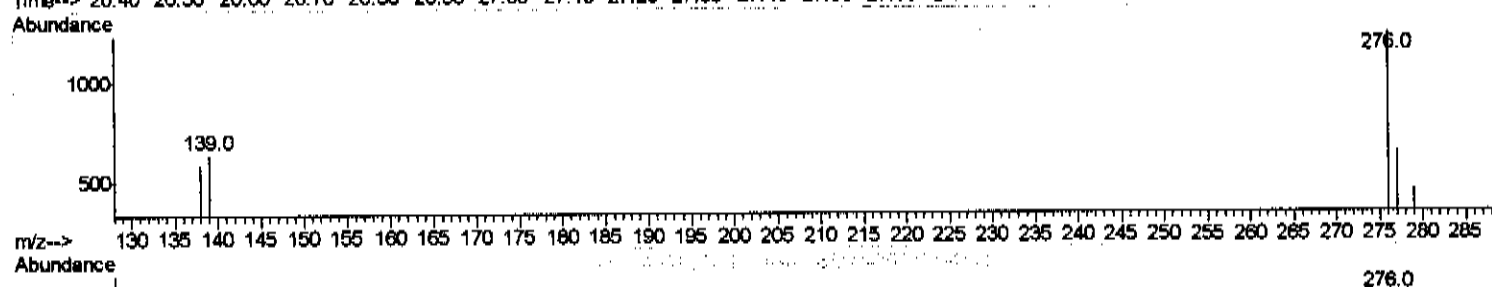
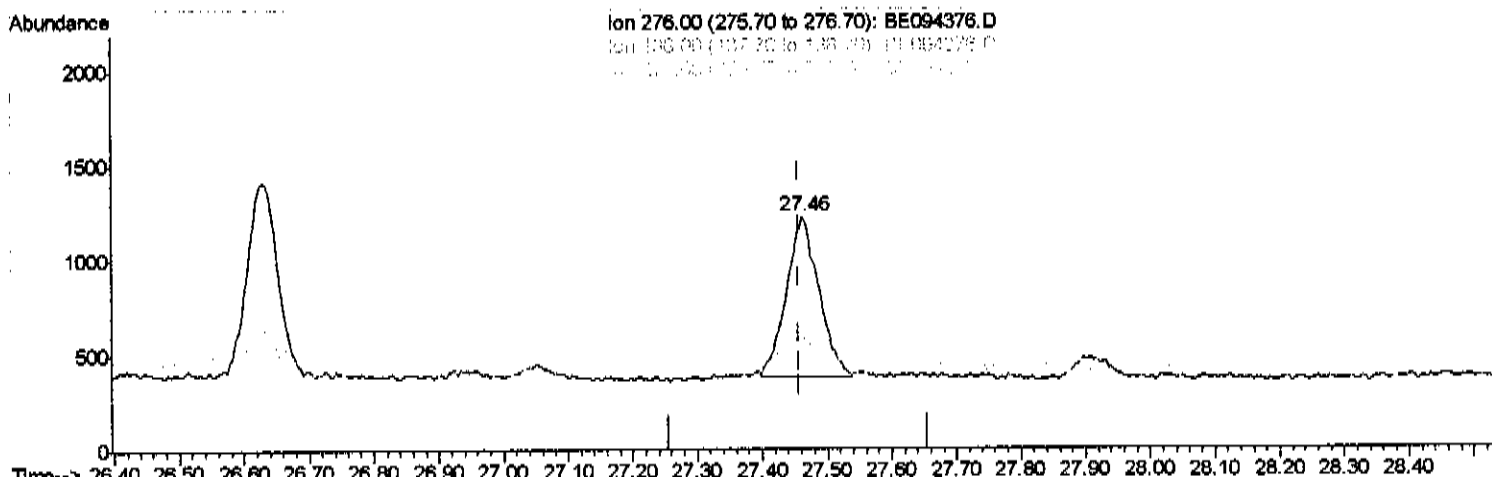
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(26) Benzo(g,h,i)perylene

27.462min (+0.005) 0.11ng/ul m

response 2935

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	47.92#
277.00	25.60	52.16#
0.00	0.00	0.00

26/10/17

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1692	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9274	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5650	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12284	0.40	ng/ul	0.00
16) Chrysene-d12	21.43	240	11505	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	10431m	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.28	152	2957	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	7420	0.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) Phenanthrene	17.29	178	1981m	0.062	ng/ul	84
15) Fluoranthene	19.31	202	6731	0.160	ng/ul	85
17) Pyrene	19.67	202	6753	0.211	ng/ul	53
18) Benzo(a)anthracene	21.41	228	2895	0.095	ng/ul	64
19) Chrysene	21.46	228	4794	0.136	ng/ul	78
21) Benzo(b)fluoranthene	23.18	252	5804	0.205	ng/ul	
22) Benzo(k)fluoranthene	23.22	252	2274m	0.069	ng/ul	
23) Benzo(a)pyrene	23.83	252	3780m	0.128	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	3330m	0.111	ng/ul	
26) Benzo(a,h,i)perylene	27.46	276	2935m	0.113	ng/ul	

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