

Quantitation Report (QT Reviewed)

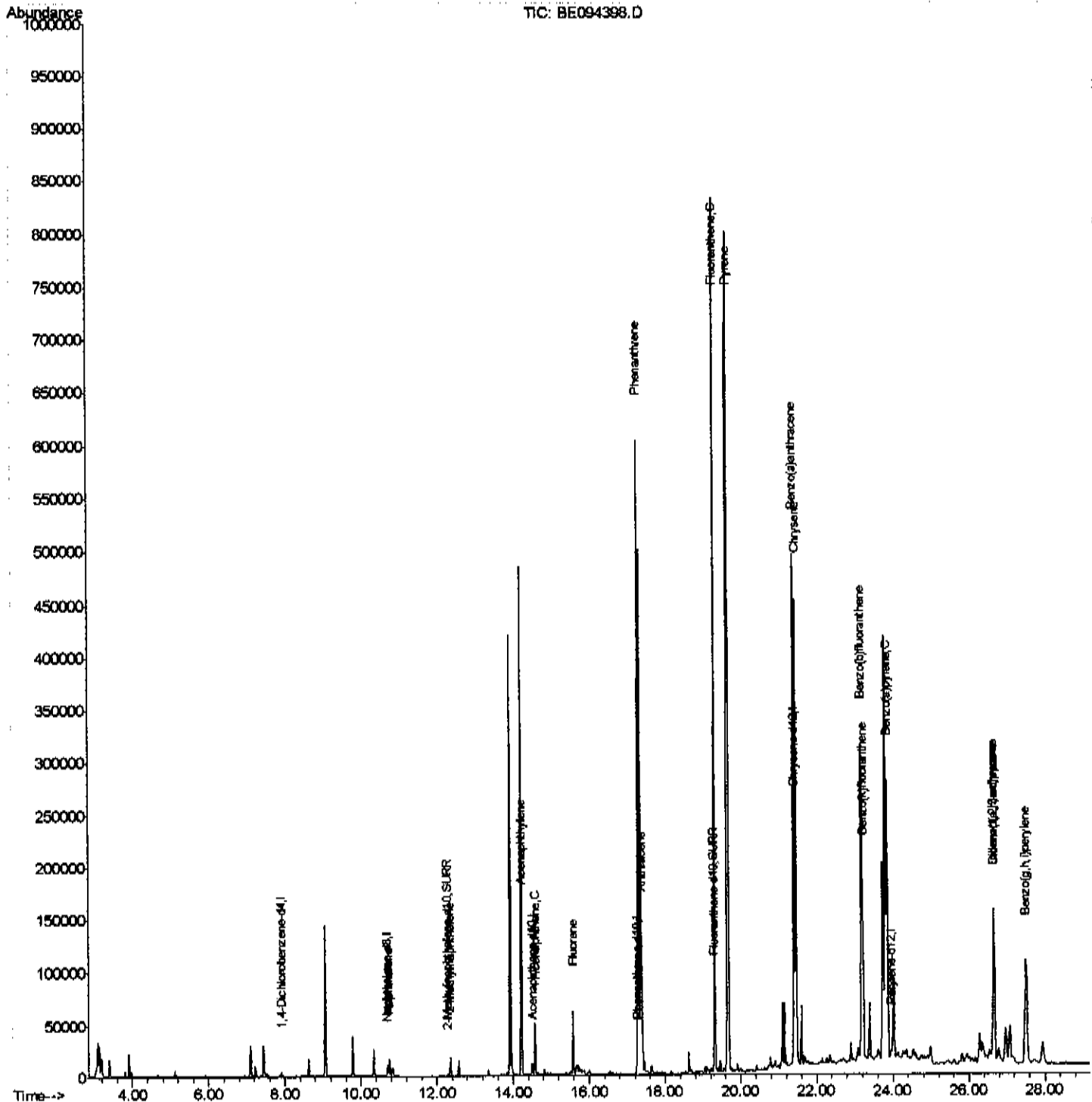
Data Path : Z:\HPCHEM1\BNA E\DATA\BE101417\
 Data File : BE094398.D
 Acq On : 15 Oct 2017 18:09
 Operator : SJ/JU
 Sample : I5548-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Sohil
 10/16/2017 8:26:29 PM

Quant Time: Oct 16 08:00:00 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 07:45:00 2017
 Response via : Initial Calibration



Quantitation Report (Qedit)

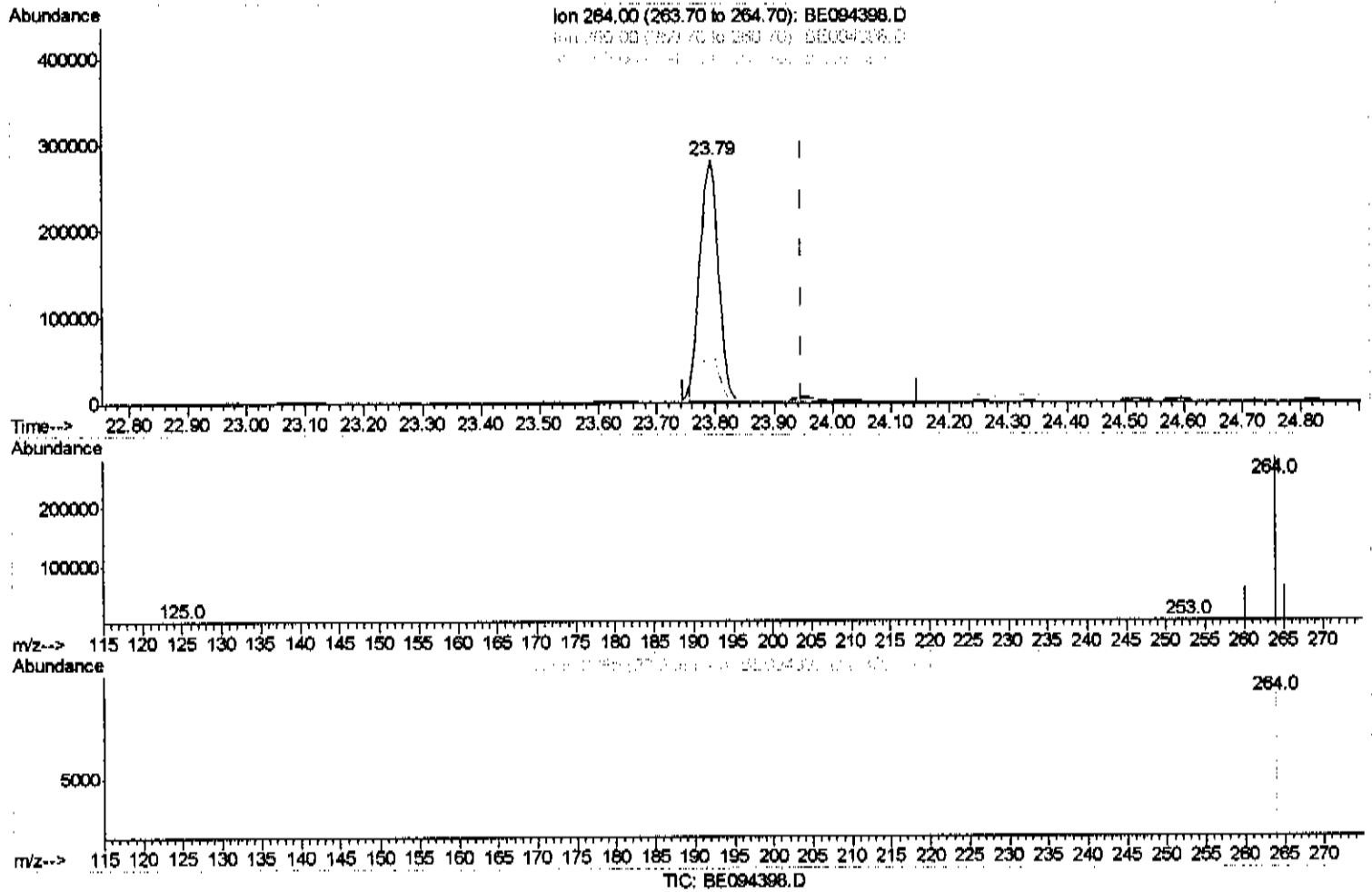
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(20) Perylene-d12 (I)

23.792min (-0.154) 0.40ng/ul

response 607341

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	21.07%
265.00	103.50	22.55%
0.00	0.00	0.00

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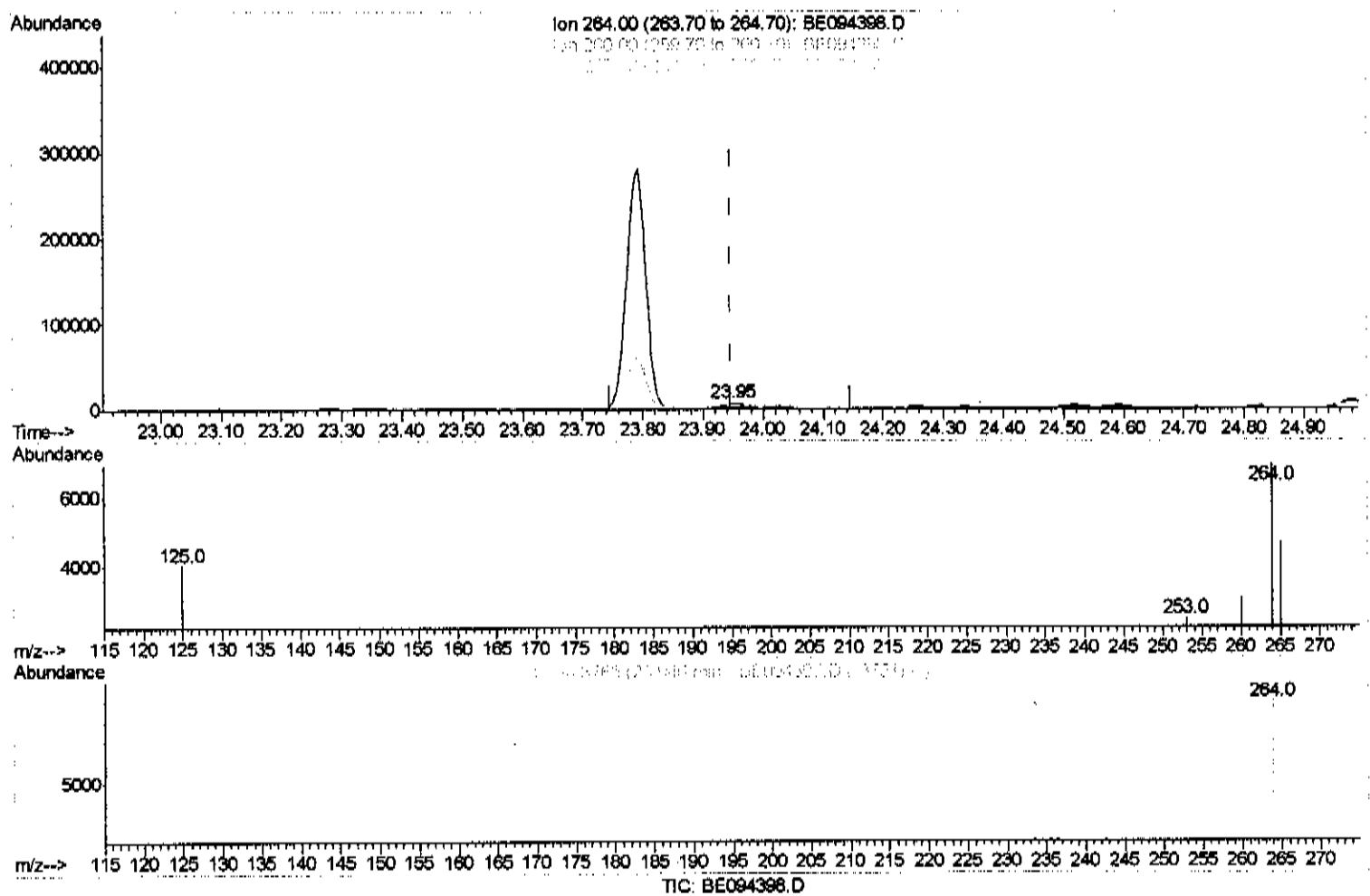
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(20) Perylene-d12 (I)

23.947min (+0.000) 0.40ng/ul m

JU 10/16/17

response 12812

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	44.11#
265.00	103.50	67.52#
0.00	0.00	0.00

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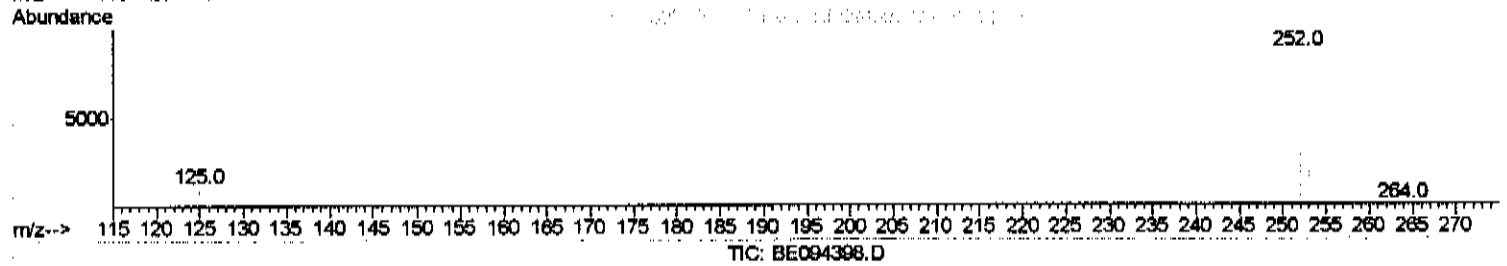
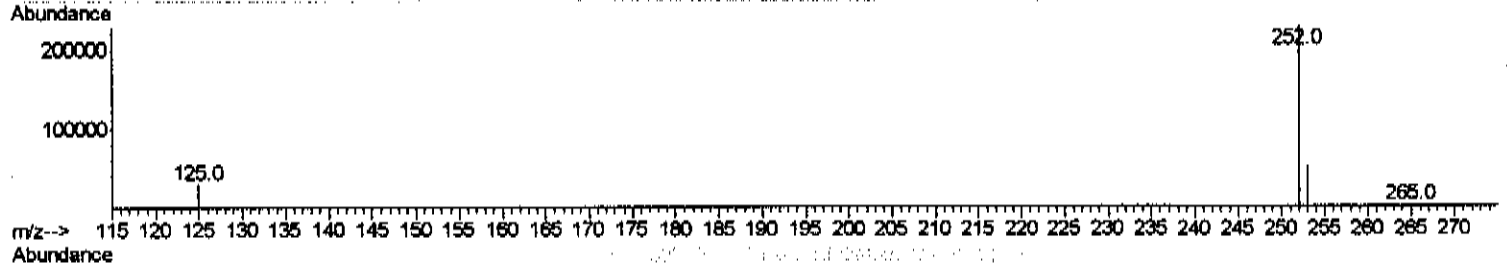
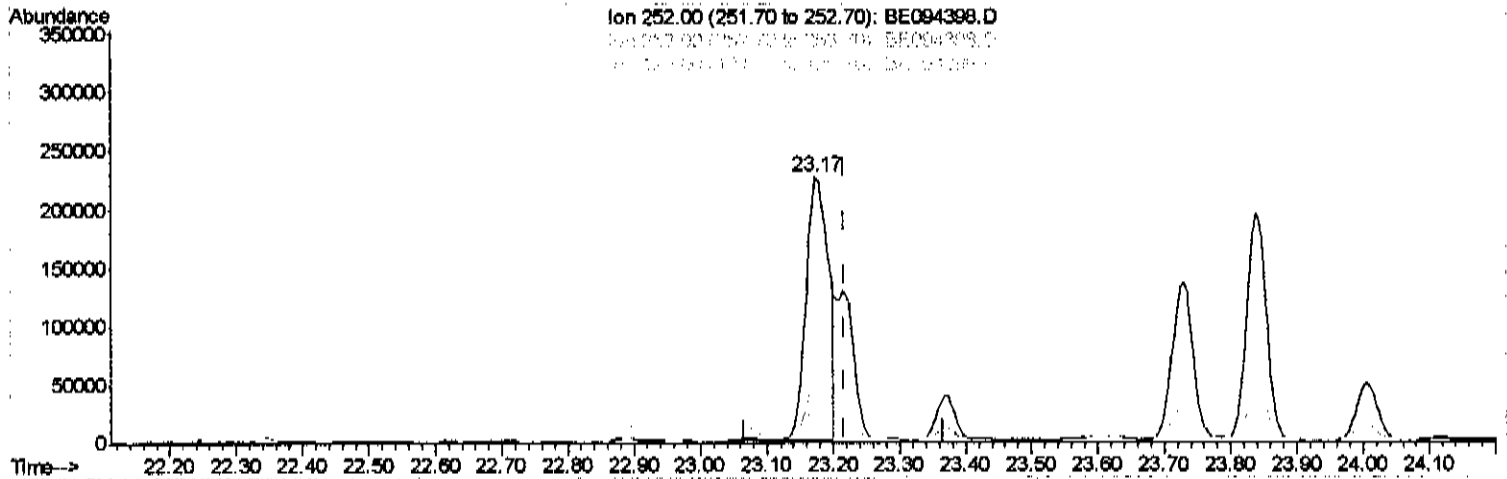
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(22) Benzo(k)fluoranthene

23.173min (-0.045) 13.25ng/ul

response 532845

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.24%
125.00	17.10	13.20%
0.00	0.00	0.00

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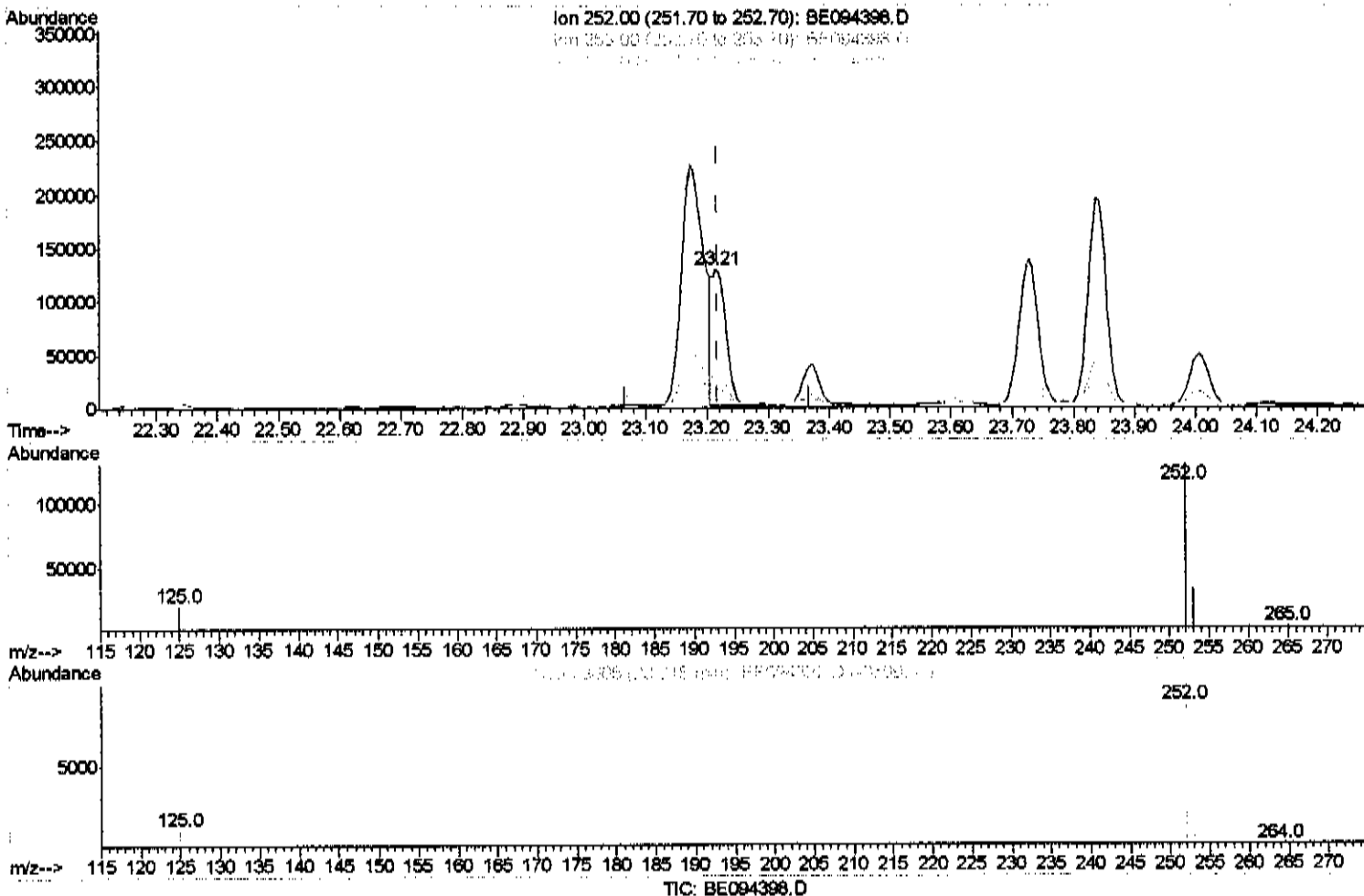
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(22) Benzo(k)fluoranthene

23.214min (-0.004) 5.12ng/ul m

JU 10/16/17

response 208106

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.53
125.00	17.10	14.57
0.00	0.00	0.00

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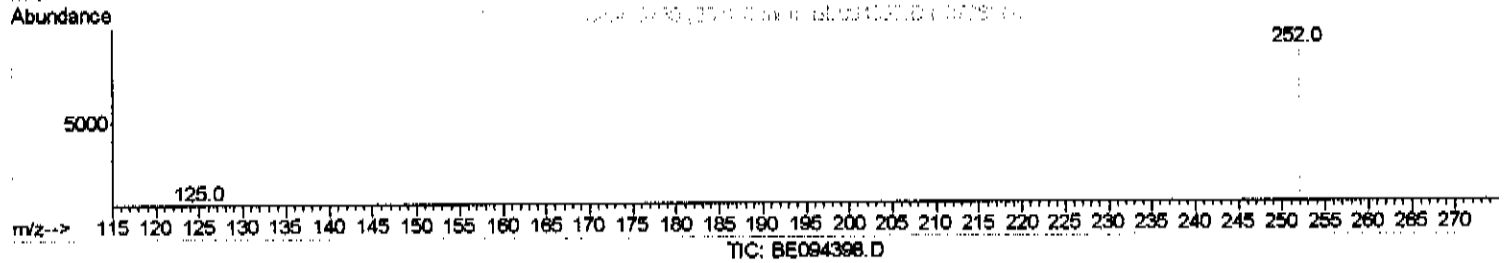
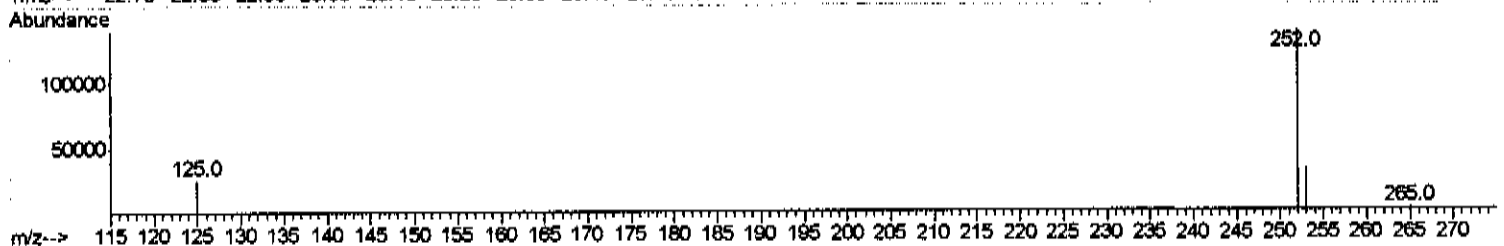
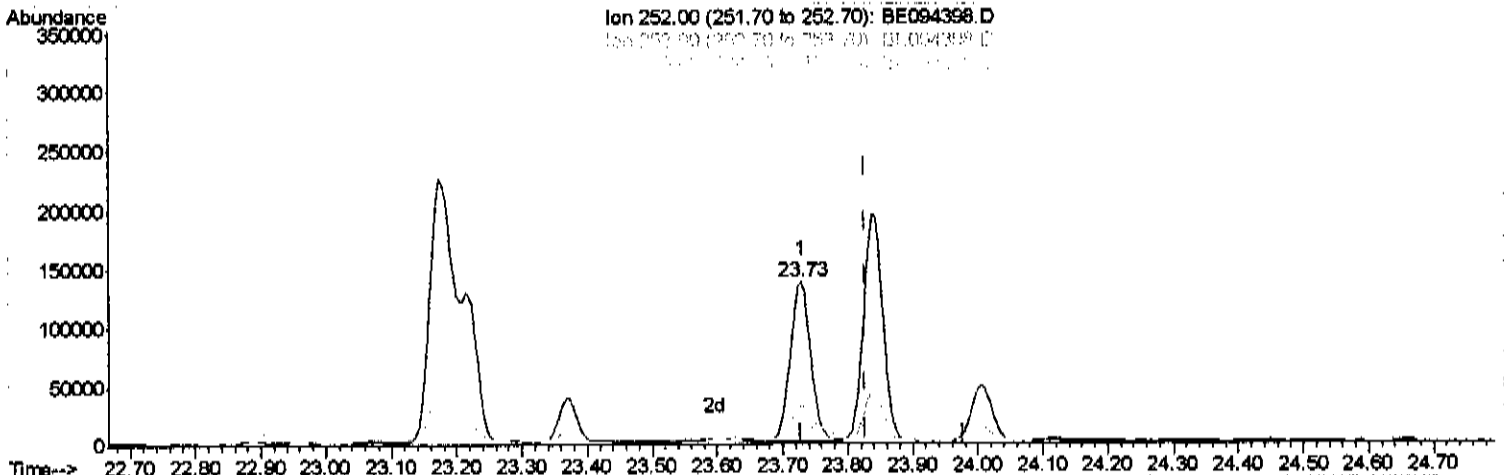
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(23) Benzo(a)pyrene (C)

23.728min (-0.100) 8.32ng/ul

response 300815

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	23.97#
125.00	22.60	18.61
0.00	0.00	0.00

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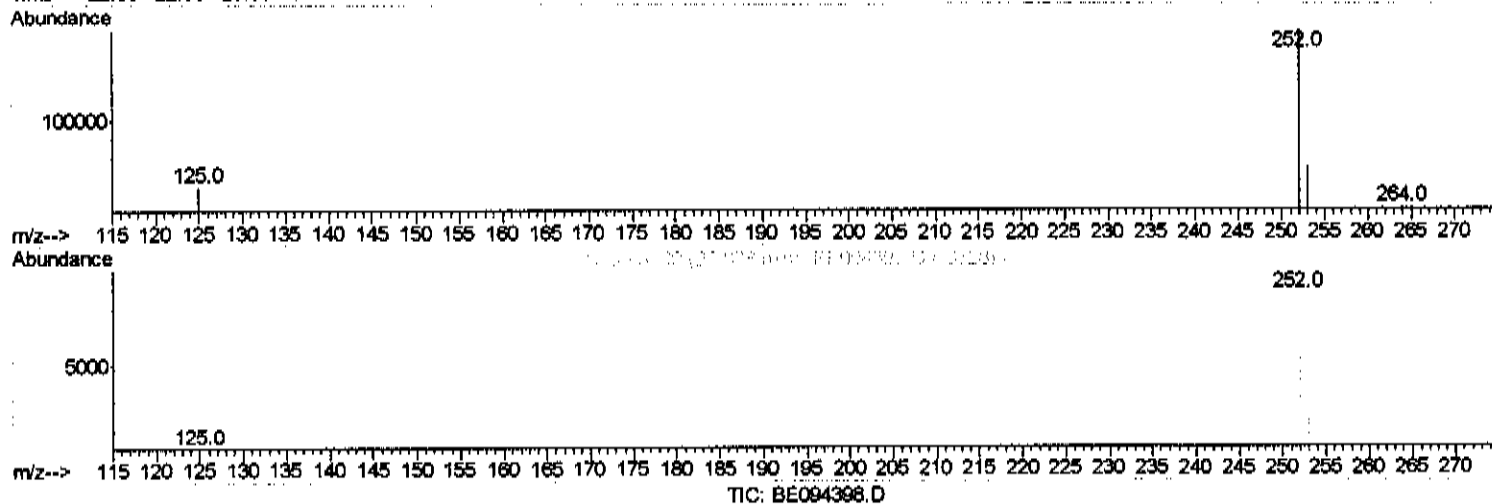
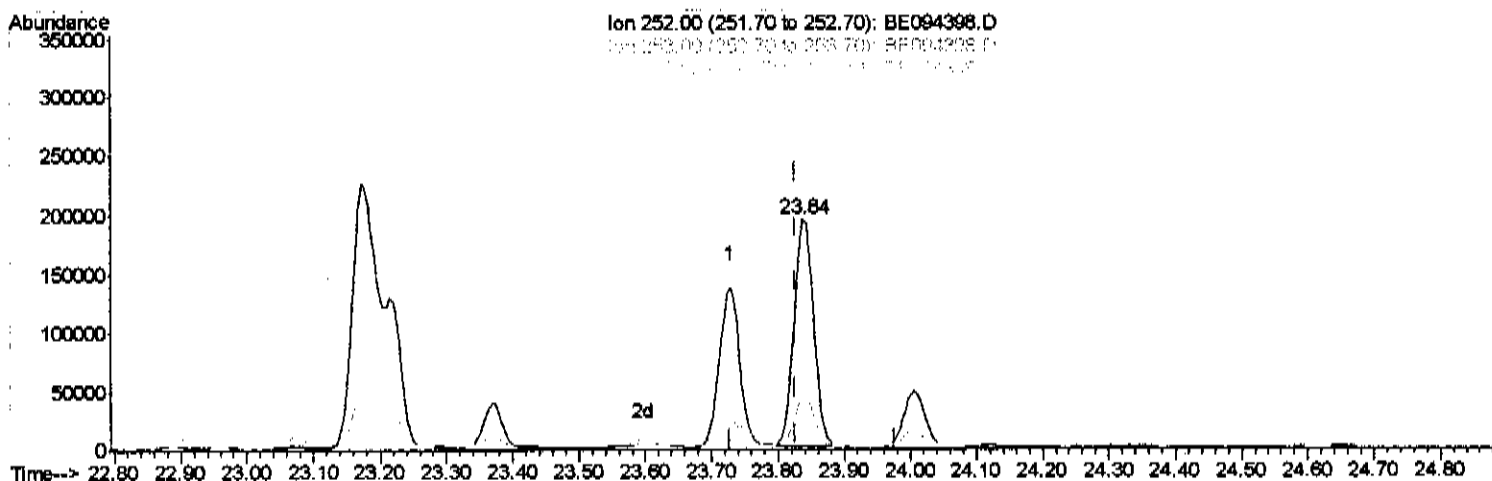
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(23) Benzo(a)pyrene (C)

23.837min (+0.010) 11.04ng/ul m JU 10/16/17

response 399145

Ion	Exp%	Act%
252.00	100	100
253.00	35.60	24.05#
125.00	22.60	14.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

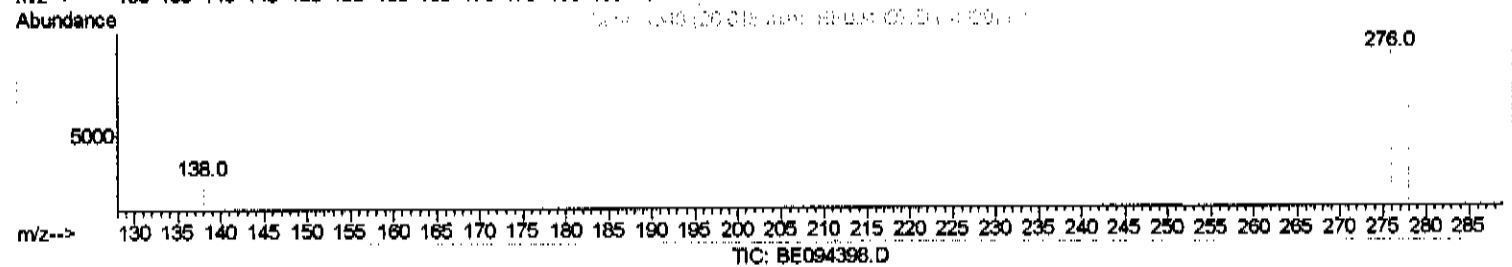
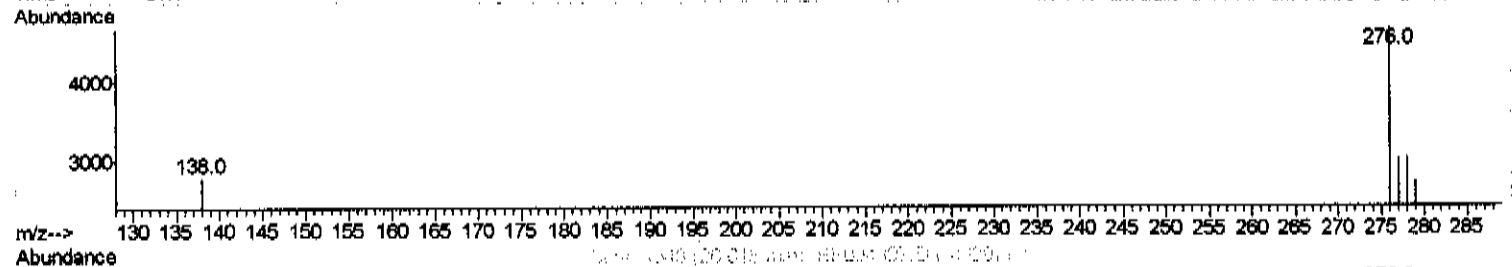
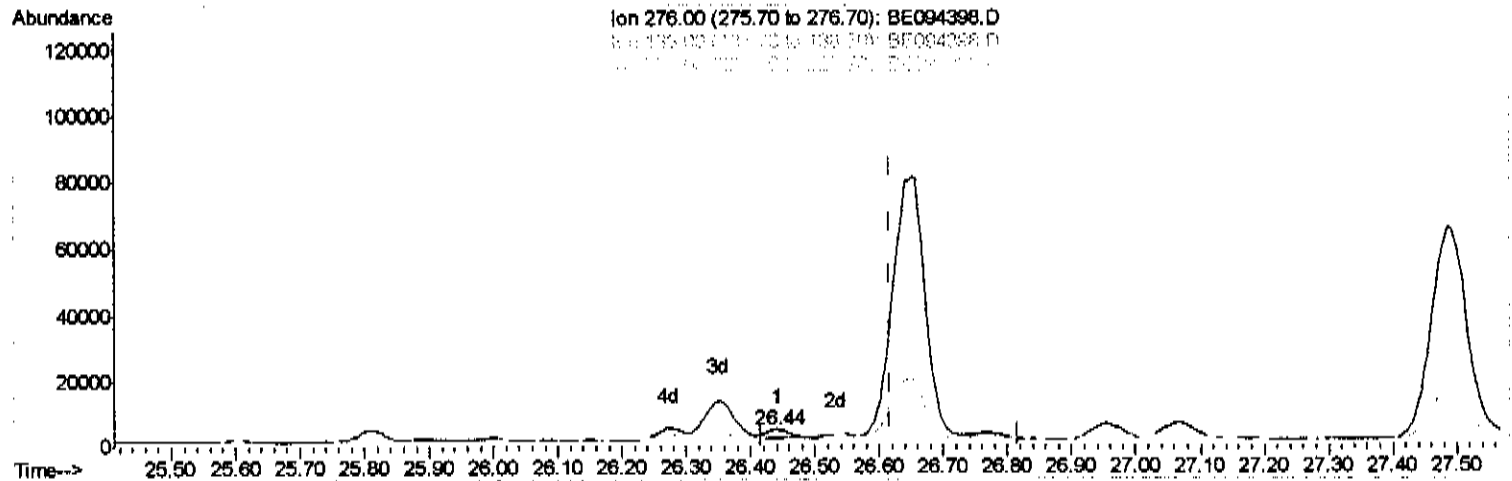
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(24) Indeno(1,2,3-cd)pyrene

26.441min (-0.177) 0.18ng/ul

response 6538

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	36.17
227.00	10.00	0.00#
0.00	0.00	0.00

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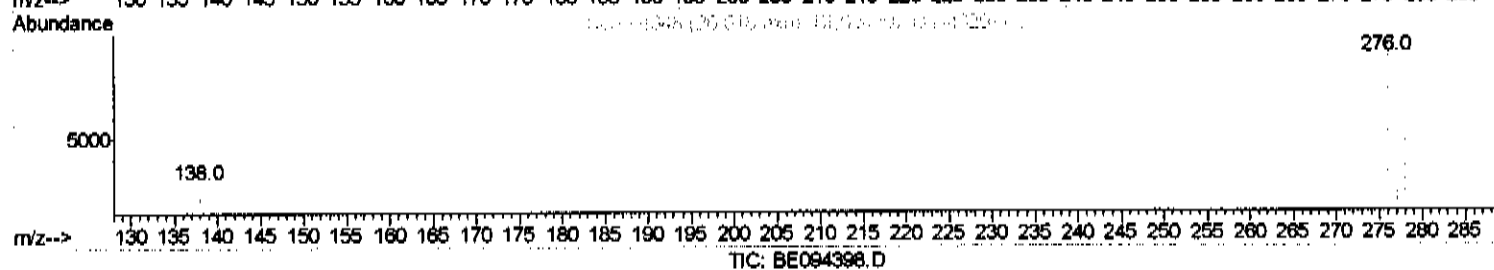
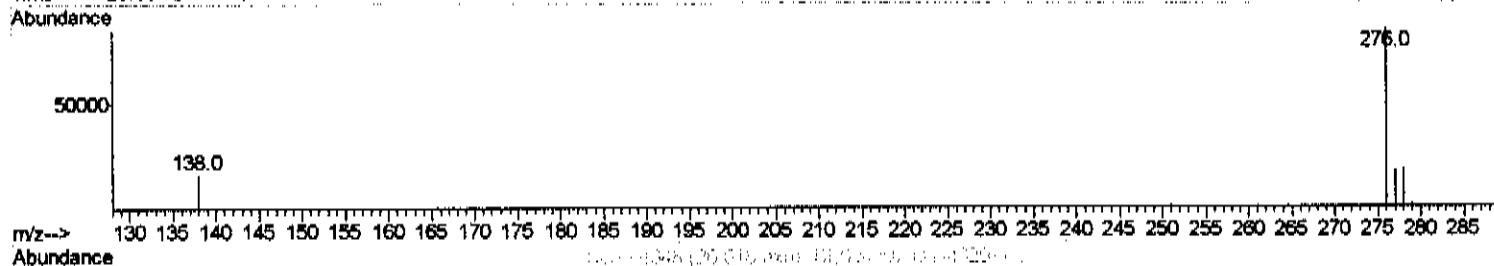
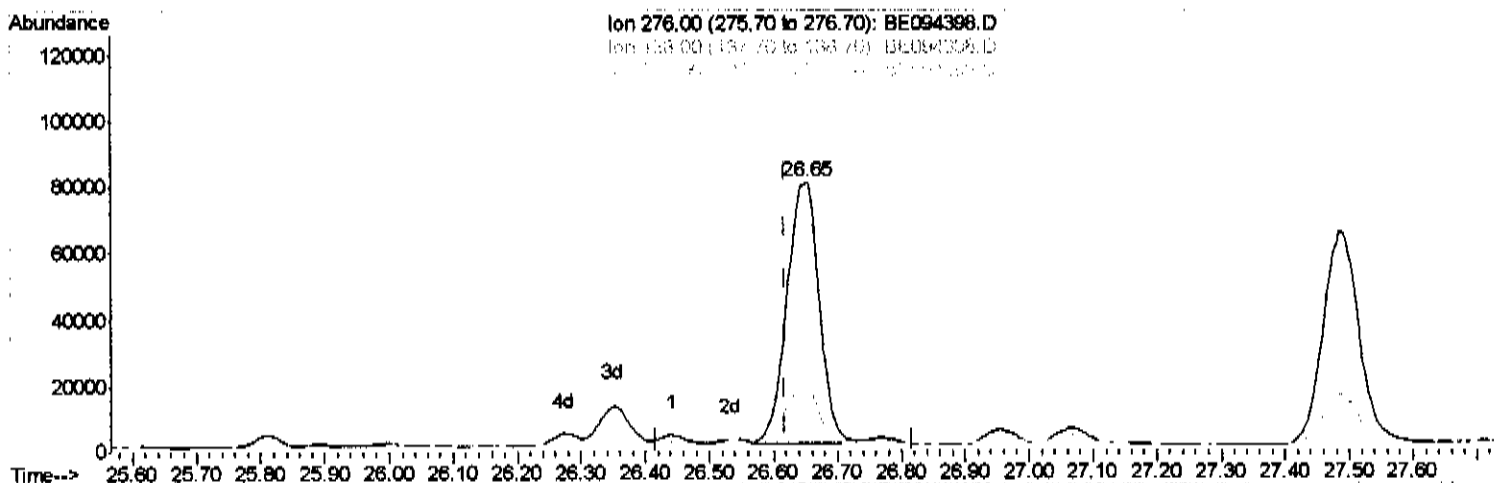
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(24) Indeno(1,2,3-cd)pyrene

26.651min (+0.033) 7.44ng/ul m JU 10/16/17

response 275174

Ion	Exp%	Act%
276.00	100	100
138.00	35.00	0.86%
227.00	10.00	0.00%
0.00	0.00	0.00

Quantitation Report (Qedit)

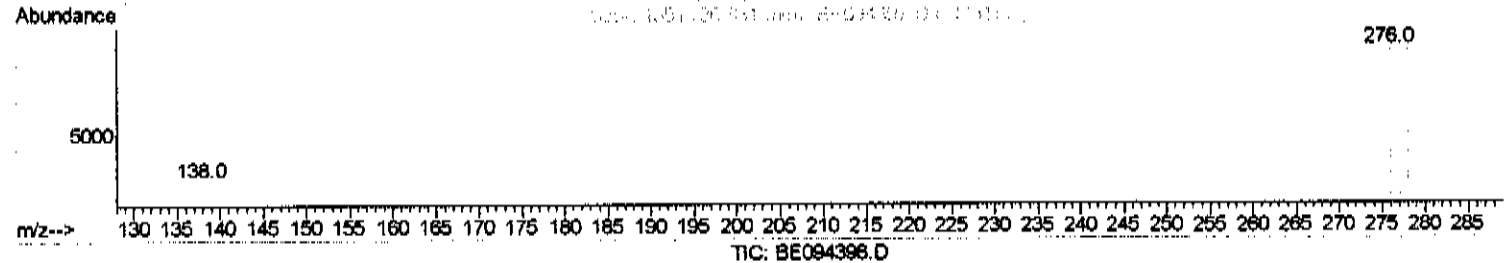
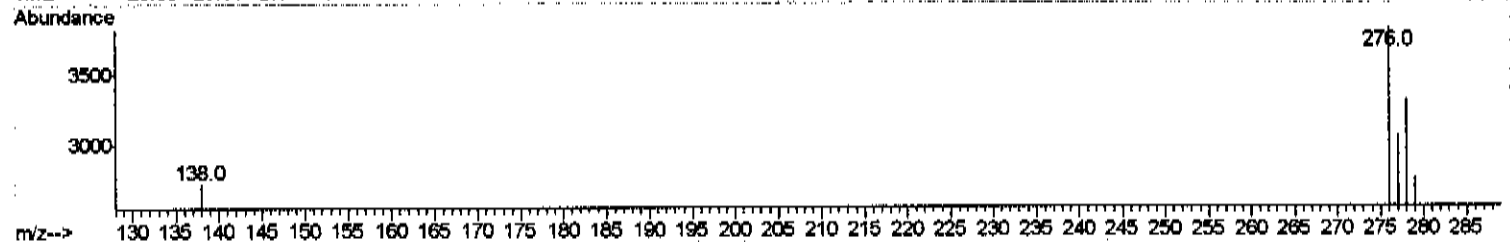
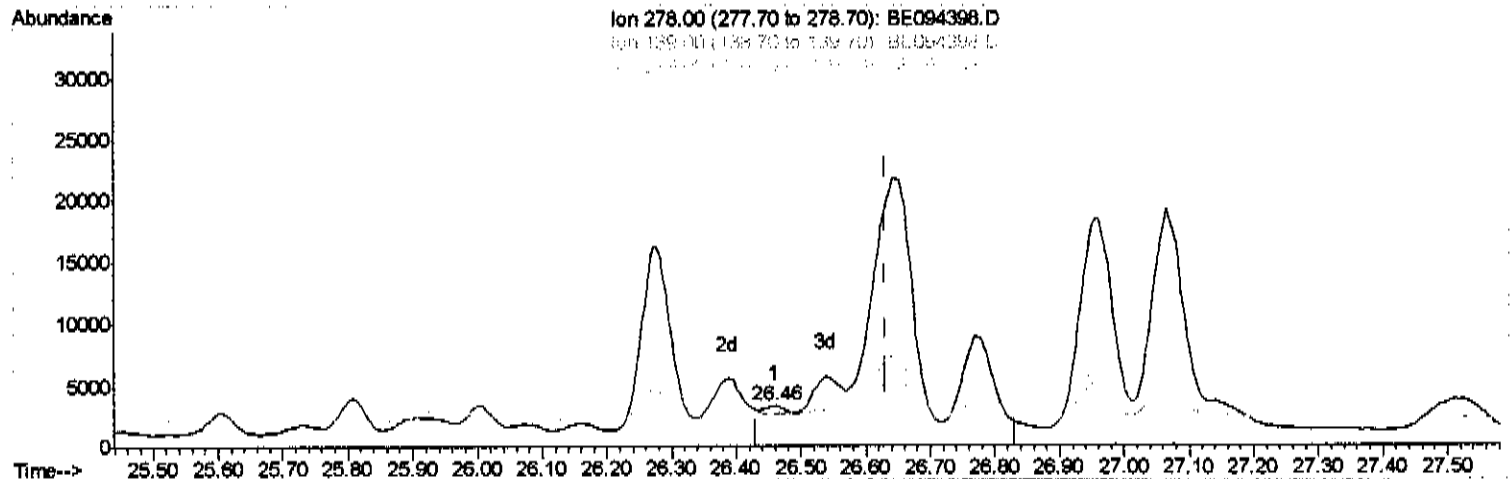
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(25) Dibenzo(a,h)anthracene

26.459min (-0.172) 0.04ng/ul

response 1208

Ion	Exp%	Act%
278.00	100	100
138.00	21.70	76.91#
279.00	32.40	83.25#
0.00	0.00	0.00

Quantitation Report (Qedit)

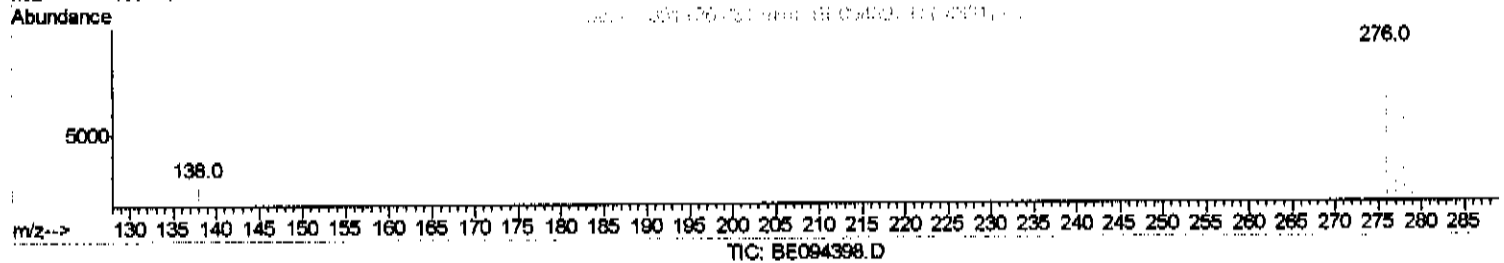
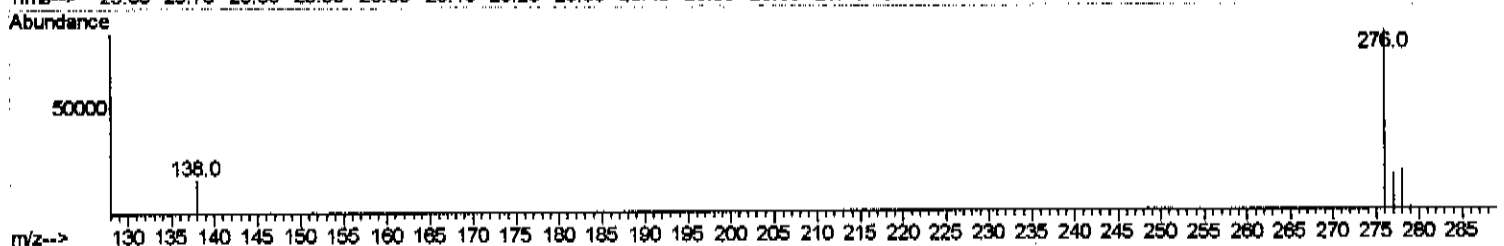
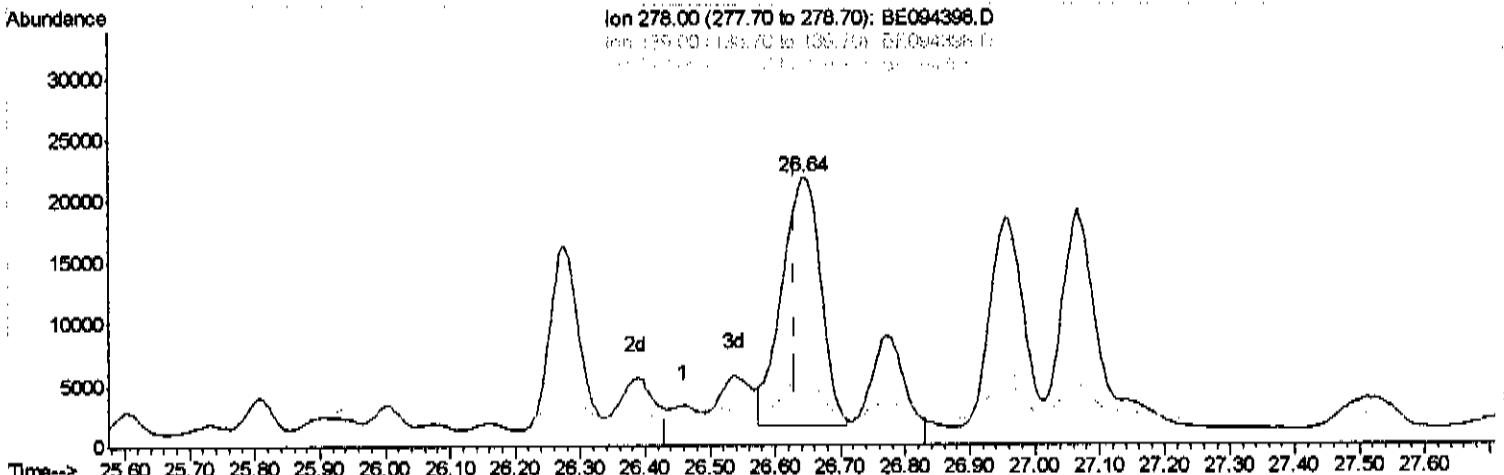
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(25) Dibenzo(a,h)anthracene

26.642min (+0.010) 2.71ng/ul m 50 10/16/17

response 83976

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	26.28#
279.00	32.40	33.61
0.00	0.00	0.00

Quantitation Report (Qedit)

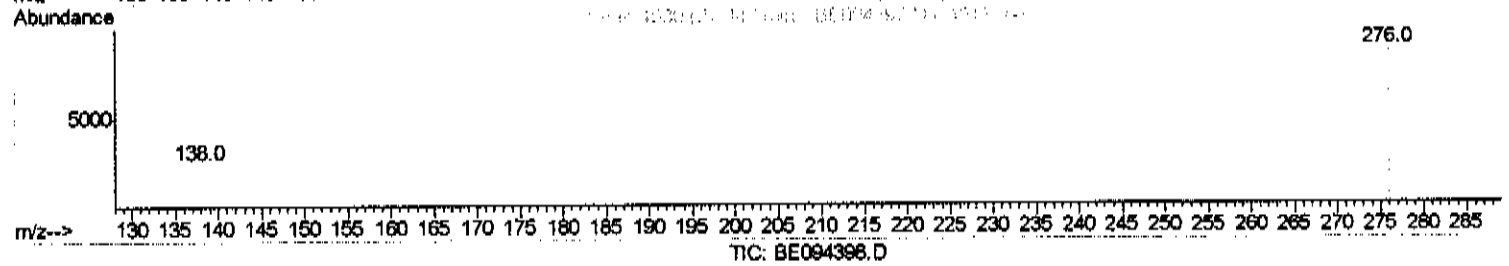
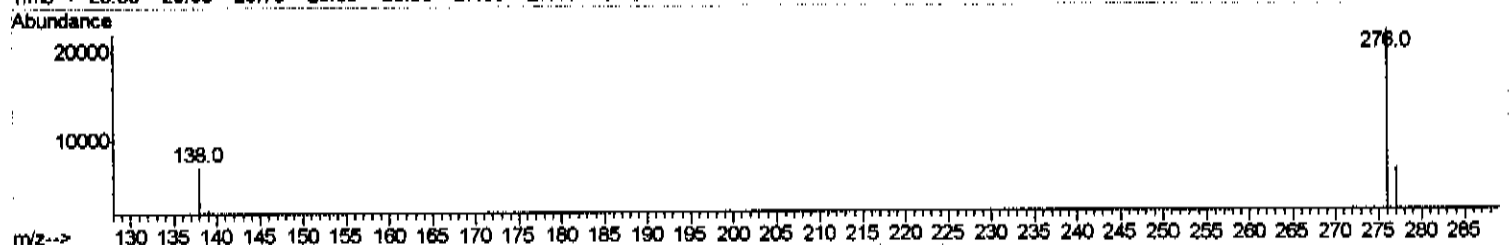
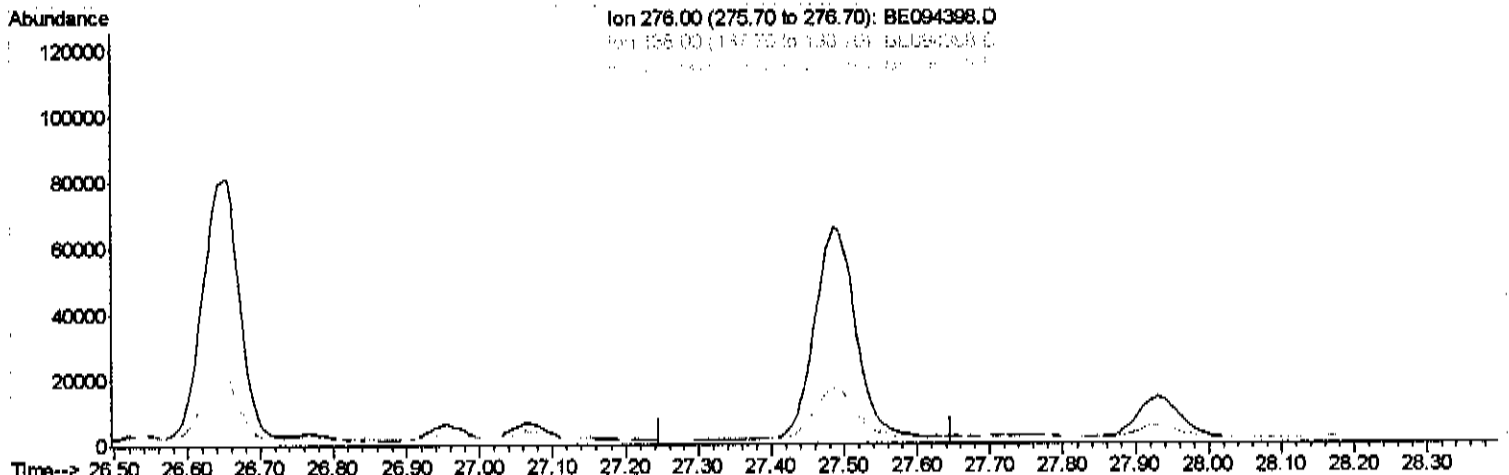
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(26) Benzo(g,h,i)perylene
 27.447min (-27.447) 0.00ng/ul
 response 0

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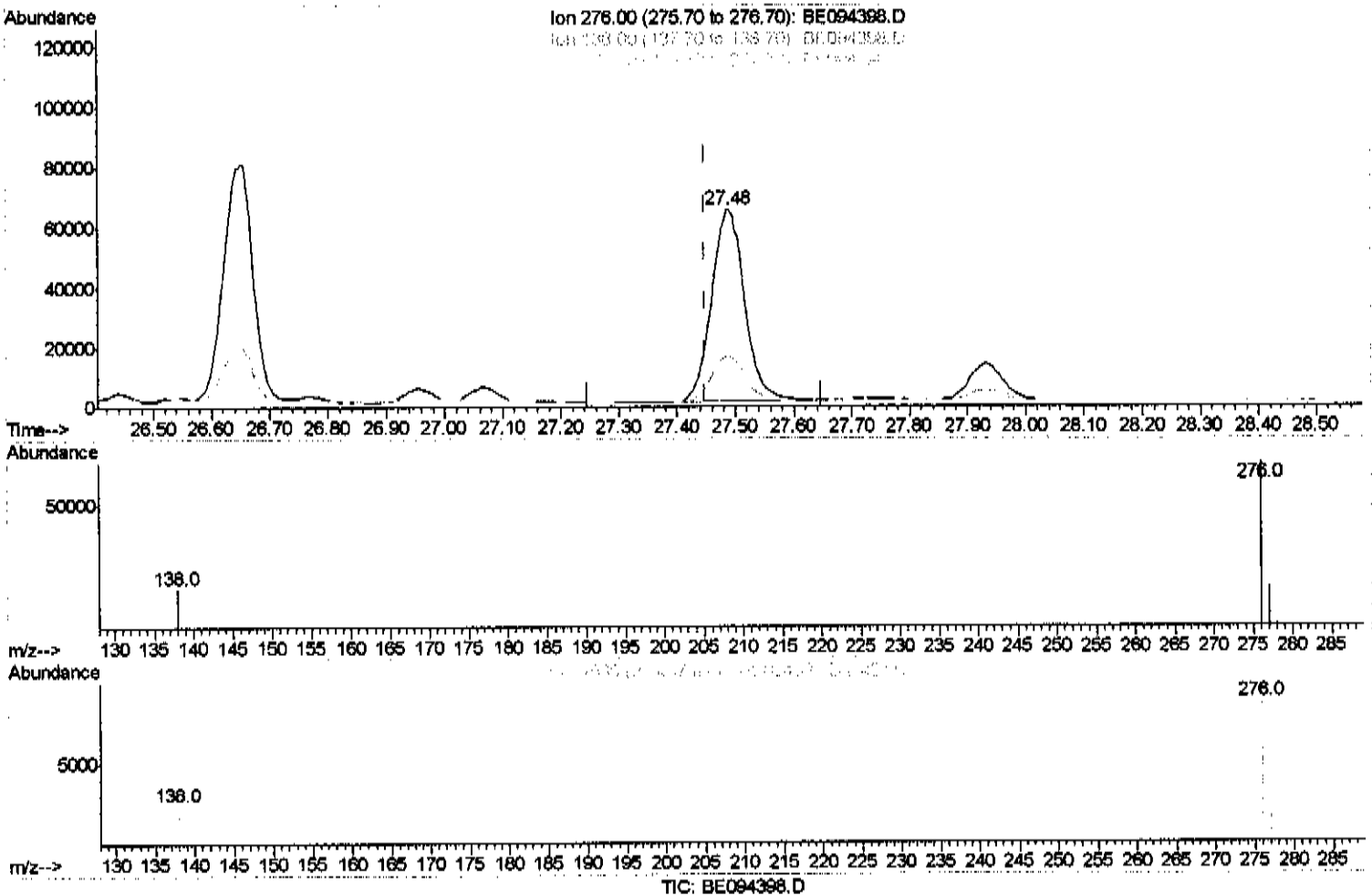
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(26) Benzo(g,h,i)perylene

27.485min (+0.038) 7.91ng/ul m *SJ 10/16/17*

response 252518

Ion	Exp%	Act%
276.00	100	100
138.00	27.30	26.03
277.00	25.60	25.93
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	2295	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	11501	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	6448	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12751	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	12436	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	12812m	0.40	ng/ul	0.00

JU 10/16/17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.27	152	3970	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8988	0.21	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.74	128	26043	0.924	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	16012	0.876	ng/ul	99
7) Acenaphthylene	14.24	152	26575	1.057	ng/ul	98
8) Acenaphthene	14.58	153	30694	1.483	ng/ul	97
9) Fluorene	15.57	166	40078	1.654	ng/ul#	95
12) Phenanthrene	17.29	178	656224	19.694	ng/ul#	89
13) Anthracene	17.38	178	140063	4.322	ng/ul#	90
15) Fluoranthene	19.31	202	938745	21.441	ng/ul	84
17) Pyrene	19.67	202	875638	25.307	ng/ul#	84
18) Benzo(a)anthracene	21.40	228	466943	14.154	ng/ul#	86
19) Chrysene	21.46	228	455772	11.963	ng/ul	99
21) Benzo(b)fluoranthene	23.17	252	532845	15.310	ng/ul	86
22) Benzo(k)fluoranthene	23.21	252	206106m	5.123	ng/ul	
23) Benzo(a)pyrene	23.84	252	399145m	11.037	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	275174m	7.438	ng/ul	
25) Dibenzo(a,h)anthracene	26.64	278	83976m	2.706	ng/ul	
26) Benzo(a,h,i)perylene	27.48	276	252518m	7.913	ng/ul	

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